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Building & Engineering News

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SAN FRANCISCO, CALIF., JANUARY 6, 1923

Published Every Saturday
Twenty-third Year No. 1

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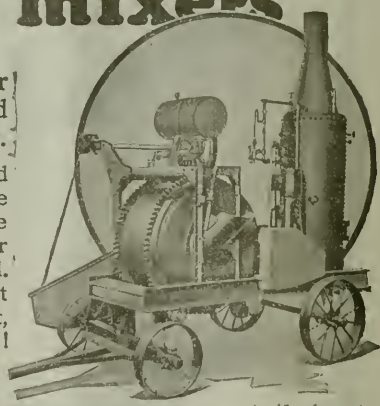

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Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday — SAN FRANCISCO, CALIF., JANUARY 6, 1923 — Twenty-third Year No. 1

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SUIT OVER CONTRACT MAY TIE UP WORK ON U. C. STADIUM

An injunction against the board of regents of the University of California to prevent that body from carrying out the award of the contract for the excavation and underground concrete work at the proposed athletic stadium in Strawberry Canyon to the contracting firm of Bates & Borland is threatened by Attorney E. R. Hoerschner, of San Francisco, representing the Schultz Construction Company, of San Francisco.

Hoerchner declares that the contract in question was illegally awarded to the Oakland firm, in that the latter's bid was much higher than that submitted by his clients; whereas both, in his opinion, are "responsible bidders" in the eyes of the law.

The attorney further declared that, whereas the Bates & Borland bid was at first reported to have been $353,030 on this unit of the stadium, he had learned from the newspapers that they had been awarded the contract at a price of $335,000. The Schultz firm, its attorney stated, put in a bid of $317,000 for the work.

Robert Sproul, controller at the university and secretary of the board of regents, questioned as to Hoerchner's claims, is reported to have declared that the contract had been awarded to Bates & Borland because the latter "have the experience and the equipment necessary for this particular job."

He intimated that contractors who would find it necessary to rent or borrow the equipment would also find it difficult to carry out their obligations within the specified time of 135 days.

Six Billion Dollars To Be Total For 1923 Construction, Survey Shows

Based upon a survey which it has just completed, the Copper and Brass Research Association estimates the total building construction for the year 1923 at $6,000,000,000. The potential market for copper in building construction in this country next year (including sheet copper for roofing, leaders and gutters, etc., as well as the copper content of the brass used in plumbing pipe, hardware and lighting fixtures) is estimated at approximately 780,000,000 pounds.

In 1922, statistics for eleven months of which are now available, the total expenditure for building construction is placed at $4,910,000,000. In addition, there were projected (but not built) other buildings of a total estimated cost of $2,480,000,000.

In other words, in 1922 there was developed an actual building program of $7,390,000,000. Of this huge amount, a little less than $5,000,000,000 has actually been constructed and the remainder is carried over into 1923.

In estimating the amount of building construction in 1923, the carryover from 1922 has been reduced to $1,240,000,000, because experience indicates that in making preliminary estimates the cost is usually placed on the safe side, and allowance is also necessary for the percentage of such projects as have been indefinitely postponed or will not come up in 1923.

Taking the known accumulated shortage as a basis, after deducting work completed during 1922, and adding the normal increment of building for the year 1923, the actual building requirements of the nation are estimated at $7,830,000,000. The details of the 1923 estimates, as well as the expenditures for the same classes in 1922, follow:

	1923 Estimates
Apartments	$1,253,000,000
Churches	530,000,000
Dwellings	940,000,000
Hospitals	595,000,000
Hotels	851,000,000
Industrial buildings	827,000,000
Office buildings	804,000,000
Public buildings	328,000,000
Public garages	162,000,000
Schools	1,540,000,000
Total	$7,830,000,000

	Expenditures 1922
Apartments	$ 950,000,000
Churches	205,000,000
Dwellings	680,000,000
Hospitals	230,000,000
Hotels	640,000,000
Industrial buildings	655,000,000
Office buildings	645,000,000
Public buildings	260,000,000
Public garages	125,000,000
Schools	610,000,000
Total	$5,000,000,000

To complete such a vast amount of building during the year 1923 presupposes that the entire shortage plus the normal increment for the year will be carried out in 1923 and that we shall enter 1924 with a clean building slate. It is believed by the Association, however, that neither the financial nor material and labor resources of the country are in a position to carry this entire program to conclusion in twelve months time.

The Association's reports indicate that there still exists over the major part of the country a housing shortage of considerable proportions, despite the huge construction of 1922.

There is, of course, no definite data to go on in estimating how far the present resources of the country and the labor and materials situation will enable it to go in the 1923 building program, but careful consideration of the various factors involved leads to the estimate of $6,000,000,000 as the amount which can be completed in 1923.

Of this amount some $3,030,000,000 will be devoted to housing, about $2,025,000 to office, business and industrial buildings, and the remainder, $2,675,000,000, to churches, hospitals and schools.

The estimated expenditures for building construction in 1923 for the entire country are as follows:

Apartments	$ 960,000,000
Churches	406,000,000
Dwellings	720,000,000
Hospitals	456,000,000
Hotels	652,000,000
Industrial bldgs.	634,000,000
Office bldgs.	616,000,000
Public bldgs.	252,000,000
Public garages	124,000,000
Schools	1,180,000,000
Total	$6,000,000,000

This sum, it is estimated, will be divided geographically about as follows:

New England States $455,000,000.

New York State, Southwestern Connecticut, Northern New Jersey, Northern Pennsylvania $1,355,000,000.

Eastern Pennsylvania, Maryland, Delaware, District of Columbia, Virginia, North and South Caroline $825,000,000.

Western Pennsylvania, West Virginia, Ohio, Kentucky, Tennessee $755,000,000.

Illinois, Indiana, Iowa, Missouri, Wisconsin, Michigan, Minnesota, $1,600,000,000.

Eastern Montana, North and South Dakota, Eastern Nebraska, Eastern Kansas, $250,000,000.

Pacific Coast States, Gulf States and Arkansas, Oklahoma, Idaho, Wyoming Nevada, Utah, Colorado, Arizona, New Mexico, $720,000,000.

According to the U. S. Forest Service there has been a marked and fairly steady decline in our national output of lumber from about 46,000,000,000 board feet in 1906 to less than 34,000,000,000 board feet in 1920. The decline in the production of lumber and the increase in population have resulted in a striking drop in the per capita consumption of lumber—from over 500 board feet per person in 1906 to about 320 board feet in 1920.

C. A. Hurrle, glass manufacturer, is conferring with the Vallejo Chamber of Commerce regarding the establishment of a plant in that city for the manufacture of window glass. Prior to the war Hurrle operated a plant at Stockton.

Palo Alto's greatest building year was 1922. Building permits for the year totaled 414, involving an expenditure of $1,318,104.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

Half of the $150,000 fund to be given to Utah and Nevada to complete the Victory highway through the two States has been raised, according to a report presented at a meeting of the Utah-Nevada-California Highway Association held recently. Federal aid funds will be matched with the sum raised in the campaign, which is to be continued under the direction of a new president, who is to be appointed to succeed Harvey M. Toy, resigned to accept appointment of the State Highway Commission of California.

Building permits in Stockton for 1922 show a gain in value of 62.7 per cent and a gain of 46.1 per cent in the number of permits issued, over 1921. The grand total of $3,146,670 for 1481 permits issued, indicates that 1922 was the biggest year for building in the history of Stockton. The largest total next to 1922 was $2,717,527, when 861 permits were issued in 1920. During 1921, 1011 permits were issued totaling $1,933,181.

U. S. Department of Agriculture, Washington, D. C., has issued Bulletin No. 1077 entitled "Portland Cement Concrete Roads," by Jas. T. Voshell, District engineer and R. E. Toms, Senior Highway Engineer of the Bureau of Public Roads. Copies may be had from Supt. of Documents, Government Printing Office, Washington, D. C., for fifteen cents each.

Plans for a World's Trade Fair in San Francisco the second week in May of this year are well under way, according to Managing Director N. A. Davis of the Foreign Trade Club, who has secured pledges of co-operation from manufacturers, dealers, importers, exporters, shipping and transportation interests which would safely underwrite the expenditures requisite for the success of the show.

Building in Sacramento in the past year was 31 per cent in excess of the increase in the United States as a whole, L. C. Hunter, general manager of the Sacramento branch of the W. P. Fuller Company declares. Hunter sees little chance of building materials dropping back to pre-war levels, taking the stand that they might go higher due to supply and demand.

Reduction of expenses of the Oregon State Highway Department by $170,000 during 1923, due to reduction in the operating force, is announced by Herbert Nunn, Chief Engineer. An additional reduction of $4,600 a month in salaries has been recommended by Nunn and it is expected the Highway Commission will approve this recommendation.

Announcement of a $5,000,000 suit for breach of contract in connection with the construction of the army cantonment at Camp Devens against Fred T. Ley and Company, Inc., of Springfield, general contractors, is made by United States Attorney Robert O. Harris of Boston.

The Richmond Builders' Exchange has moved to temporary offices in the Chamber of Commerce rooms, Elks Bldg., Richmond, until such time as construction of its new building in Fourteenth street is completed.

Building in Burlingame, San Mateo county, increased $1,397,612 during the year 1922, according to Building Inspector Lindsay, whose report shows 471 permits issued for a total of $2,200,704 during the past year as against 217 permits amounting to $803,092 during 1921. Residence construction in 1922 totaled $1,863,196.

The San Francisco Civil Service Commission announces the following eligible list of plumbers who took examinations last November: William H. Henning, James C. Crampton, William Wade, Emile R. Agaton, Jesse S. Carlson, William L. McCormack, Ignatius A. Richardson and David A. Catelli.

The Visalia Agricultural Works, recently re-organized, has purchased a site near the Santa Fe Railroad at Visalia and will erect a plant for the manufacture of agricultural implements. The tract covers an area of 654 by 132 feet. Early construction is contemplated.

Bayliss and Sheridan, Oakland contractors, have opened quarters in a building especially constructed for them at 1016 Webster street, Oakland. The structure covers an area of 40 by 100 feet and cost $30,000.

The Reservation Lumber and Construction Co., of Klamath Falls, Ore., has been incorporated with a capital stock of $10,000. Directors are: John Slater, C. L. Griffin and W. C. Van Emon. A planing mill will be erected by the company.

James A. Hutchinson, who built and operated the first sawmill in Northern California, died in Oroville December 31. Hutchinson came to Oroville in the early days from Nova Scotia. He was 80 years old.

Preparations have been completed for the opening of the newly organized Architects and Engineers Club of Sacramento, Friday evening, January 5. The club is composed of architects, civil structural, mechanical, mining, electrical and chemical engineers and other technical men.

The Universal Portland Cement Co announces a substantial reduction December 28 in the prices of Universal cement. The reduction is 15 cents per barrel at its Chicago plant, and 10 cents per barrel at its Pittsburgh and Duluth plants.

Architect W. W. Lucius, Lewis Bldg., Portland, Ore., desires to get in touch with manufacturers of steel jail cells, vault bars and metal vault fixtures, having been commissioned to prepare plans for $150,000 court house and jail to be erected at Kelso, Wash.

The Weaver & Kramer Hardware Co. has opened quarters at 1708 Chester avenue, Bakersfield. Otto Kramer formerly with the hardware department of Weill's store in Bakersfield and A. M. Weaver, former manager of the Oil Well Supply Co., are members of the new firm.

The American Concrete Pipe Association is to hold its annual convention at the Hotel Sherman, Chicago, January 18 to 20 inclusive, 1923.

ALONG THE LINE

The Delta Bridge Corp. of San Francisco has been incorporated with a capital stock of $1,000,000 and proposes to finance construction of a toll bridge over the San Joaquin river near Antioch and the construction of a series of warehouses in the vicinity of the bridge project. Directors of the company are: John I. Whitmore, B. M. Baccoli, C. M. Greene and E. W. Wedge of San Francisco and J. J. Brown of Sausalito.

Henry W. Lynch, engineer and former head of the old cable car systems in San Francisco, died in that city December 30 at the age of 72, following an attack of bronchitis. Until a few days prior to his death, Mr. Lynch was in active service as chief engineer for the Peninsula and San Jose Railroads. He leaves a widow and two sons, Henry and John, both of whom are connected with the Associated Oil Company.

Andrew M. Jensen, brother of Chris. P. Jensen, surveyor of Fresno county, has opened an office in the Griffith-McKenzie Bldg., Fresno, and will engage in business for himself. Jensen was formerly connected with the engineering firm of Jensen and Ross of Fresno.

A. Meister Sons Co. of Sacramento have completed negotiations with the John H. Grothe Co of Woburn, Mass., whereby the former will manufacture refrigerator bodies for the Grothe Company for western distribution.

C. C. Carlton, organizer and for more than eleven years head of the legal department of the California State Highway Commission, will resign to enter the private practice of law in San Diego, his former home.

Harry H. Hume, Butte County road engineer, has been re-appointed for a term of four years by the board of supervisors. He was appointed two years ago to fill the vacancy created through the resignation of Martin C. Polk.

The Sonoma County Supervisors propose to levy direct tax covering a three year period to finance construction of a modern county hospital. A building to cost $250,000 is proposed.

Albert W. Perrin, colonel of engineers during the war and former Southern Pacific electrical engineer, died in San Francisco January 1 from a fractured skull.

B. J. Garnett of the office of city engineer of Spokane, Wash., has been elected president of the Spokane branch of the American Society of Civil Engineers.

The Brook-Scanlon Lumber Co. of Eureka, Montana, will construct six miles of railroad as soon as weather conditions will permit.

W. B. Barratt, of Heppner, Oregon, members of the Oregon State Highway Commission has resigned.

CALIFORNIA LEADS IN HYDRO-ELECTRIC DEVELOPMENT

California leads every other state in the Union in hydro-electric development, even surpassing New York, which has harnessed Niagra Falls, according to the annual report of the State Railroad Commission. Between $50,000,000 and $60,000,000 a year is being spent by the electric utilities in meeting demands for power, the larger part of this outlay being for hydro projects.

"While it is difficult to visualize this tremendous development," the Commission says, "it requires only a moderate exercise of the imagination to sense the industrial and agricultural supremacy that will result from the productive utilization of the inexhaustible water resources of the Sierra."

Discussing electric development with specific reference to the work of some of the larger companies, the report of the Commission reads:

As the Commission's jurisdiction does not extend over publicly owned projects the figures touching development in this report are confined to the undertakings of private companies. During the calendar year 1921 approximately $50,000,000 was expended on electric development, while the construction programs of the larger companies for 1922 call for an expenditure of over $60,000,000.

For the year 1921 Pacific Gas and Electric Company and its subsidiary, Mount Shasta Power Corporation, led in development work, with an expenditure of over $18,000,000, while for the present year Southern California Edison Company heads the list with an estimated expenditure of $22,500,000.

Great Western Power Company in 1921 completed the first unit of its Caribou plant, expending during the year $4,760,000.

San Joaquin Light and Power Corporation spent $7,584,000 in 1921, completing its Midway steam plant and increasing the capacity of its Kern Canyon hydro-electric plant. Its 1922 construction program calls for the expenditure of $6,374,000.

During the past year four big power companies—Pacific Gas and Electric, Great Western, San Joaquin and Southern California Edison—developed 170,680 KVA or approximately 227,500 horsepower.

LOS ANGELES PLANS BETTER HARBOR TRANSPORTATION

The California State Railroad Commission will participate with Los Angeles City in a survey of the Los Angeles Harbor, with special reference to the transportation development at the harbor and between the city and the harbor at San Pedro, according to an announcement made by the Commission.

The survey is to be made jointly by Chief Engineer Richard Sachse, of the Commission (chairman), Chief Engineer H. Z. Osborne, of the Board of Public Utilities of the City of Los Angeles, and J. W. Ludlow, Harbor Engineer of the City of Los Angeles. The engineers at a conference have outlined the scope of the work.

The joint action agreed upon follows a resolution passed by the Los Angeles City Council calling for a report giving "careful consideration to the proposition of obtaining a unified railroad system between the city and the harbor, either under municipal control or private control, as the interests of the public may demand, having in mind all dangerous grade crossings now existing and the speedy and adequate movement of freight to and from the harbor and that the report of the deliberations and the conclusions be returned at as early a date as possible in view of the magnitude of this problem."

S. F. Building For Year 1922 Totals $45,327,206; December Closes Year With Two And One Half Million

Building operations in San Francisco for the year 1922 totaled $45,327,206, according to Chief Inspector of Buildings John P. Horgan, of the Department of Public Works. During the past year 8078 permits were issued covering new buildings, and alterations, repairs and additions to standing structures. The month of December closed with a total of 538 permits aggregating an expenditure of $2,439,658.

The total for 1922 exceeds any one year total since the period following the fire of 1906 when $56,578,814 was expended in building operations. During that period 6437 permits were granted.

December activities are compiled as follows by the City Building Permit Bureau:

Class	No. Permits	Est. Cost
B	4	$ 460,000
C	20	694,950
Frames	201	996,822
Alterations	312	262,338
Public Bldgs	1	25,548
Total	538	$2,439,658

Construction progress in San Francisco from May 15, 1906 to December 30, 1922, according to figures of Chief Inspector of Buildings John Horgan, follow:

Year	No. of Permits	Est. Cost
1906	5686	$34,947,386
1907	6437	56,578,814
1908	6729	31,668,341
1909	5773	26,184,068
1910	5690	20,508,556
1911	6079	20,915,474
1912	6316	23,338,563
1913	5606	21,037,264
1914	5907	28,177,563
1915	6461	13,990,704
1916	6492	18,837,173
1917	5513	15,635,319
1918	3688	7,924,319
1919	5363	15,163,242
1920	5626	26,729,992
1921	6313	22,244,672
1922	8078	45,327,206

NEVADA ROADS TO BE CONSTRUCTED WITHOUT BOND ISSUES

A three-year road construction program, which provides for the building of concrete highways from Reno to Verdi, Reno to east county line near Wadsworth, and from Reno to Purdy, without county bond issues, was agreed upon at a conference of the Washoe County Commissioners and the Nevada State Highway Department, the latter being represented by George W. Borden, State Highway Engineer.

Estimates showing the cost of the Reno-Verdi road and the Reno-Wadsworth road were submitted by the highway department, together with the funds available from the federal government and the state, and the additional funds that will be required from the county as special aid.

According to the estimates, the road from Reno to the west county line will cost a total of $460,000, which includes all structures and railroad crossings. To the construction of this the county has been asked to advance $92,000. The road will be concrete, twelve feet in width, with a six-foot macadam shoulder on one side, which is later to be replaced with concrete.

The road from Reno to the east county line, near Wadsworth, is to cost $947,000, including all crossings and structures, to which the county is asked to contribute $188,000 This road, according to present specifications, is to be ten feet in width, with a four-foot macadam shoulder on each side.

The road from Reno to Purdy, to connect with the Susanville highway, is already financed by the county, state and federal government.

The entire program will be carried out without a bond issue, according to the county commissioners, who state that with the present tax rate the county will be able to supply the special aid required out of its current revenues.

AID FOR CONTRACTORS

The House naval committee ordered favorably reported the bill, which has passed the Senate, granting aid to contractors who did not make a net profit of 6 per cent on the entire volume of their war-time contracts. It will involve payments amounting to several million dollars.

AMERICAN ARCHITECTS TO OBSERVE WREN ANNIVERSITY

American architects are preparing to observe next month the 200th anniversary of the death of Sir Christopher Wren, famous English astronomer and architect, who has left an indelible impression on American architecture.

Sir Christopher died in London, February 25, 1723 and is buried in St. Paul's cathedral, which he planned.

The American observance will be consistent with the celebration in England where the Royal Institute of British Architects has set aside the entire week beginning February 26, 1923, as Commemoration Week in honor of Wren. A procession will march from Mansion House to St. Paul's to hold memorial services in the cathedral, followed by a visit to the crypt, where the president of the Royal Institute will lay a wreath on Wren's tomb.

Treasures of many learned societies will be exhibited during the week.

Originally an astronomer, Sir Christopher Wren, born in 1632, received his opportunity as an architect when the great fire destroyed most of London in 1666. He designed the great fire monument known in England simply as "The Monument." It stands at the intersection of Pie corner and Pudding Lane, where the first was supposed to have started.

Besides St. Paul's cathedral, Wren was the designer of London bridge, the western towers of Westminster Abbey, the libraries of Trinity college at Cambridge and Queen's college at Oxford, and many of the 53 churches of the old City of London. Eighty-six city churches were destroyed in the great fire, but many were not rebuilt. Eighteen of Wren's city churches have been destroyed and nineteen others have been selected for demolition, because of the lack of congregations in the city and the immense value of the ground they occupy. The finest examples, however, are to be preserved.

Wren's inspiration for a classic revival came another great architect, Inigo Jones. Wren's work shows more of a French influence, as compared to the pure Italian of Jones, partly due to the fact that Wren was present and studied the building of the Louvre in Paris, while he never visited in Paris, while he never visited Italy.

ORGANIZATION NEWS

SANTA ROSA BRIDGE CONFERENCE IS POSTPONED

The conference to be held in Santa Rosa to discuss ways and means of bridging the Golden Gate has been postponed from January 13 to January 16 in order to permit the attendance of City Engineer M. M. O'Shaughnessy of San Francisco.

In making this announcement, Jas. G. Stafford, manager of the Santa Rosa Chamber of Commerce, sponsor of the conference, declared that its scope had also been increased so as to include representatives from communities as far north as Redding. It was originally limited to six counties to the north of the bay.

The bridge connecting San Francisco and Marin County, as proposed by J. B. Strouss, bridge engineer of Chicago, would provide for two electric car lines and two automobile lanes as well as sidewalks. Its width would be 80 feet and clearance above high water 200 feet, total cost being less than $18,000,000.

As an indication of the number of automobiles which would use a span into Marin county, a survey of the travel records of the various ferry companies recently showed that approximately 450,000 automobiles were carried to and from that county during the past year.

Sixty per cent of the 150,000 cars carried on the boats of the Richmond-San Rafael Ferry Company belonged in Oakland or other east bay cities, according to H. T. Gill of the company.

Harry E. Speas, vice president and general manager of the Golden Gate Ferry Company, reported that 90 per cent of the 170,000 automobiles carried by his company belonged in San Francisco and the peninsular cities.

W. V. Norton of the Northwestern Pacific Railroad Company, operating ferries between San Francisco and Sausalito, said his company carried about 10 per cent of the automobile traffic.

MILITARY ENGINEERS ELECT

The annual meeting and election of officers of the Portland Post, Society of American Military Engineers, was held recently in the rooms of the Chamber of Commerce, Portland, Ore., and the following officers elected: President John D. Guthrie; vice president, Ben S. Morrow; secretary, F. C. Schubert; assistant secretary, P. R. Hines; treasurer, R. E. Kremers.

At the annual election of Seattle Post, Society of American Military Engineers held December 16, officers were elected as follows: President, Col. Geo. N. Rice; vice president, Capt. K. N. Moore, secretary-treasurer, Lieutenant Krell; directors, Capt. Wyld and Major Thomas R. Beeman.

BUILDERS GOOSE FEAST

Friday, January 12 has been named for the annual goose stew and celebration for the Sacramento Builders' Exchange, according to an announcement of J. R. Wilson of that organization. The annual event will be staged in the Native Sons Hall with tables spread for all the members of the exchange. In addition to a spread of good things to eat, a committee at work on the event promises several interesting speakers. Attendance will be limited to members of the exchange.

Alameda County Builders' Exchange Holds Annual Meeting and Christmas Jinks

The annual meeting and Christmas jinks of the Builders' Exchange of Alameda County was held Thursday evening, December 28th, with a large number of members in attendance.

Retiring President W. E. Whalin, in his annual address commented on the fact that the total of building permits in Oakland alone had been $5,400,000 in 1919, while in 1922 the total would reach the enormous sum of $25,000,000. He prophisied this total would even be exceeded in 1923 and that Alameda County would double its population in less than fifteen years.

President Whalin called attention to the splendid results accomplished by the Employment Bureau of the Exchange and reported that 9084 applicants for work, mechanics and laborers, had been placed on jobs between December 1, 1921 and November 30, 1922.

The members unanimously endorsed the 1923 wage scale as handed down by the Wage Board and granting increases in wages to eight crafts.

The following were elected as directors for 1923: E. M. Tilden, Sam D. North, T. D. Sexton, Robert King, H. D. Jones, L. C. Fraser, F. D. Parsons, D. Williamson, Robert Smith, E. B. Stoddard, Wm. J. Baccus, W. J. Rigney.

The new Board of Directors will convene next week and elect the officers for 1923.

Wm. E. Hagin, who has acted as secretary of the Exchange for the last fourteen months, has resigned his position to again engage in the importing business, but will continue in office until the new Board has elected his successor. He has proved a popular and successful secretary and will leave many friends behind him.

In the evening at 8 p. m., the members to the number of over 300 gathered for the 2nd annual Christmas High Jinks. The stage was arranged on the floor of the Exchange and a splendid program of entertainment was given. Refreshments were served in the basement. Everybody had a good time.

A feature of the evening was the presentation of over $300 worth of prizes. Among these were the following:

Metal Door Mat, compliment of California Wire Cloth Co; "All Metal" Weather Stripping, Hagberg & Orttenblad; ¼-ton of coal, delivered, Rhodes Jamieson Co.; $10.00 order for building materials, Powell Bros.; order for mirror center piece for table, Chas. Downey; 1 load of mill blocks for firewood, Tom Hogan; 1 box of candy, Sexton's Cigar Store; $10 order for building material, Contra Costa Bldg. Mtrl. Co.; $1000 personal accident insurance, Spengler & Fraser; 6 "Wyoming" shovels, Harron Rickard & McCone; $10 order for building materials, Oakland Lime & Cement Co.; ½-ton of coal, delivered, Rhodes Jamieson Co.; a spark screen for fireplace, Rigney Tile Co.; $10 order bldg. mtrl., Oak Bldg Mtrl Co; 1 box of cigars, Wm. J. Finn; ¾ ton of coal, delivered, Rhodes Jamieson Co.; $10 order for building material, Powell Bros.; 6 "New Castle" shovels, Edw. R. Bacon Co.; $1000 personal accident insurance, Spengler & Fraser; $10 order for building material, Contra Costa Bldg. Mtrl. Co.; ¼ ton of coal delivered, Rhodes, Jamieson Co.; 1 carton Chesterfield cigarettes, E. H. Nash & Sons, Insurance; $10 order for building materials, Oakland Lime & Cement Co.; 1 box of cigars, Sexton's Cigar Store; $1 worth barbership service, Builders Exchange Barber Shop; ¼ ton of coal delivered, Rhodes, Jamieson Co.; $5 gold piece, Roscoe Littlefiled; 1 carton of cigarettes, Sexton's Cigar Stand; $1 worth barbershop service, Builders Exchange Barber Shop; 1 gallon of "Fullwear" Spar Varnish, W. P. Fuller & Co.; 1 box of cigars, Federal Mutual Lia. Ins. Co., Mr. Walters Oakland Agt.; $10 order for Real Printing, Dowdle Printing & Rubber Stamp ; a blackboard, Simpson; an electric desk lamp, D. C. Stanford; $1 worth of barbershop service, Builders Exchange Barber Shop; 25 lbs. box of Crow Wire Faring Staples, Planet Mfg. Co.; $10 worth of concrete work labor and material, Ed Doty; $5 cash, E. K. Wood Lmbr. Co., 1 $25 enamelled closet seat, Crane Co.; one prime rooster, T. D. Sexton; one canvas hammock, Kronke Tent & Awning Co.; one $10 enamelled closet seat, Crane Co.; one Oriental duck, T. D. Sexton; one mirror platteau, Cobbledick Kibbe Co.; one white "good luck" rabbit, T. D. Sexton; one "Pabcolin" rug, Paraffine Companies; one electric heater, Advance Electric Co.; $1 barbershop service, Builders Exchange Barber Shop; $10 building material, Oak Bldg. Mtrl. Co.; Tiriside, Howden; blackboard Simpson Mfg. Co.

SACRAMENTO CONTRACTOR LOOKS FOR RECORD BUILDING YEAR

Forecasts by leading authorities in all parts of the country, according to L. S. Patterson, secretary of the Sacramento Master Builders Assn., would indicate that 1923 bids fair to equal and possibly surpass 1922 in the building field. Patterson Says:

"It is particularly true that in Sacramento the demand for houses is greatly in excess over the supply. This one fact coupled with the tendency toward building material price increases would indicate that no falling off in building can be looked for for many months.

"At the beginning of 1922 an acute shortage of houses and flats existed in Sacramento. During the past 12 months a larger number of single homes and flats have been built than in any similar period in the history of the city. To some extent the demand for flats has been met but it is evident from reports coming from real estate companies who specialize in renting homes that there still exists a tremendous demand for single houses.

"A glance at the 'to rent' columns of the daily papers and even a careful trip through the residential section of the city will fail to disclose more than a very limited number of homes for rent and those which are available are usually of the least desirable type.

"A comparison of building material 12 months shows that while prices have steadily and slowly advanced, Sacramento is very fortunately situated in this respect. Taking into consideration the great distance from the source of supply and the transportation rates prevailing Sacramento on the average is as low or lower than the average of all the larger cities in the country.

"The fact that houses are in demand and that business and industrial development is progressing better than ever before and taken in conjunction with the tendency toward price increases would point toward a favorable outlook for 1923 by the building public."

A. B. FLETCHER, STATE ENGINEER, TENDERS RESIGNATION

Austin B. Fletcher, for more than eleven years connected with the state service as state engineer and later as director of public works, has tendered his resignation to Governor Stephens at the same time tendering his resignation as a member of the State Reclamation Board. Both resignations are effective Saturday, January 6.

In his resignation as a member of the reclamation board, Fletcher said:

"You appointed me to membership on that board in October, 1917, with the idea that I should assist in the prosecution of Project No. 6, relating to the Sutter Basin by-pass. This great project is now substantially completed, the assessment has been levied, the bond election held and the bonds themselves engraved and signed, and everything done that can be done pending the action of the courts in validating the bonds. All of this having been accomplished, I feel that I should now be relieved from further responsibility in connection with the work of the state reclamation board."

Robert M. Morton, formerly highway engineer of Sacramento county, has been appointed by Governor Richardson to succeed Fletcher.

STATE HOUSING CONFERENCE IS CALLED

A general meeting for discussion of proposed amendments to the state building and housing laws will be held in San Francisco on January 12, the State Commission of Housing and Immigration announces. A preliminary meeting will be held January 10.

Architects, city building officials, hotel and apartment house owners and other persons interested in the proposed amendments will be invited to attend the general session.

The special committee which has drafted the proposed amendments is composed of John P. Horgan, chief building inspector of San Francisco; M. J. Kearns Jr., chief of the San Francisco bureau of fire prevention; A. M. Edelman of the state bureau of architecture; Felton Taylor, president of the San Francisco Apartment House Owners' Association; Robert Greef, Berkeley building inspector; A. C. Horner, Stockton building inspector, and J. J. Backus, Los Angeles, of the Institute of Architects, Southern branch.

STATE HIGHWAY BOND SALE SUIT DISMISSED

Suit by S. H. Mitchell brought to recover $222,160.50 from Gov. Wm. D. Stephens and other state officials because of the alleged illegal sale of $3,000,000 highway bonds, was dismissed on technical grounds by Judge Benjamin F. Bledsoe of the U. S. district court in Los Angeles.

Mitchell charged the bonds were sold at a discount, that resulted in a loss to taxpayers of $222,160.50. He sought to have the defendants repay into the state treasury this amount.

The sale of the bonds was made the summer of 1920 to the Anglo-London and Paris bank of San Francisco. The bonds bore interest at 4½ per cent. It was impossible at that time to dispose of them at this rate.

To prevent the stopping of all highway work, the state board of control determined to sell the bonds at par as prescribed by law and added a premium from the money of the federal highway subsidies, sufficient to bring the bonds up to 5½ per cent. They were then sold on the basis.

The sum named in Mitchell's complaint represented funds used as a premium.

Industrial Standardization During Year 1922

(By A. W. Whitney, Chairman, American Engineering Standards Committee)

The year 1922 has seen greater activity in industrial standardization than any other year in the history of American industry. Notable progress was made during the year in standardization of raw materials, of manufacturing processes, and of finished products by individual firms, by industrial and technical associations and by bodies that are working on national and international lines

One of the most far-reaching accomplishments of the year was the organization, on a working basis, of the Federal Specifications Board which develops and approves the specifications under which all government purchases are made, and the development of a plan of co-operation between this Board and the American Engineering Standards Committee; the carrying out of this plan should go far toward eliminating the difference between specifications for government purchases and specifications for ordinary commercial supplies and should thereby result in the saving of millions of dollars both for the government and for industry.

The organization of Secretary Hoover's Division of Simplified Practice and its entrance into industrial field has had a highly stimulating effect on the industrial standardization movement and has helped in particular to press home to the business man that standardization is one of the main approaches to efficiency and the elimination of waste. The Division of Simplified Practice has already brought about standardization of paving brick, of beds, mattresses and springs, and of metal lath. It now has under way the standardization of lumber and other products. The distinction between the basis for this work and that of the American Engineering Standards Committee lies in the fact that the Division of Simplified Practice devotes itself particularly to that part of the field in which the decisions must be made on a non-technical basis.

Great advances have been made by industry itself on the more technical side. More than 120 standardization undertakings now have an official status before the American Engineering Standards Committee, 43 of them having been initiated within the last year; this is an increase of more than 50%. Of the 28 industrial standards developed and approved by the American Engineering Standards Committee since its organization in 1918, thirteen were approved within the past year. The efforts to develop national safety codes, which have been under way for a number of years, began for the first time to bear fruit The following six safety codes, pointing the way to the elimination of the most serious classes of industrial accidents, were approved during the year: Safety Code for the Use, Care and Protection of Abrasive Wheels; Safety Code for the Protection of Industrial Workers in Foundries; Safety Code for Power Presses, Foot and Hand Presses; National Electrical Safety Code; Safety Code for the Protection of Heads and Eyes of Industrial Workers; Specifications for the Testing and Use of Permissible Explosives.

Another outstanding accomplishment in the industrial standardization work of this year was the development of the "Standardization-by-conference" idea, in which all of the interests involved in the subject, including producers, consumers, and representatives of the public and government, participate in deciding first, whether standardization is to be undertaken; second, what shall be its scope, and third, what shall be its relation to other standardization work.

The year 1922 saw also the development of an increased interest in industrial standardization and and an increase appreciation of its effect on production efficiency, distribution of costs, and consumer demand, on the part of such important commercial bodies as the International Chamber of Commerce, the Chamber of Commerce of the United States, and the New York State Chamber of Commerce. It is highly desirable that such co-operation should be maintained if American industry is to be given the commercial advantages which will correspond to those that are being developed through standardization in Germany and England and other foreign countries.

The last year saw important developments in international standardization. There are now national standardization bodies in 15 foreign countries and a report recently received by the American Engineering Standards Committee indicates that plans are under way for the development of such work in each of the South American republics The most recent of the national bodies is the Australian Engineering Standards Association, which held its first meeting on November 3.

One of the most encouraging developments of the year has been the growth of interest in standardization and simplification among the many trade associations of America. These associations, representing large groups of producers and consumers, have extremely favorable opportunities both for developing industrial standards and for putting them into effect.

It is universally recognized that standardization is a legitimate and constructive activity of trade associations. The clarification of the legal aspects of the question of the publication in the early part of the year of the correspondence between the Attorney-General and Secretary Hoover has done much to foster and extend standardization activity among trade associations.

FRAUD CHARGED TO SCHWARTZ ELECTRICAL COMPANY

Charging that while insolvent the Schwartz Electrical Company composed of Percy Schwartz and Paul Aehnlich, a San Francisco concern, transferred a portion of its property to S. Gelber, and that the latter agreed to divide the proceeds with Schwartz and that the matter should be concealed from other creditors, creditors of the company have petitioned the Federal Court to declare the Electrical company an involuntary bankrupt The petition also asked the court for the immediate appointment of a receiver to carry on the firm's business. The petitioning creditors are. Electric Railway and Manufacturing Supply Company, Incandescent Supply Company and Myers & Schwartz.

FACE TRIAL

Superior Judge Ward has overruled the demurrer attacking the complaints against the twenty-five building material contractors of San Francisco and ten corporations charged with violating the Cartwright anti-trust law. Pleas of not guilty were entered and the cases set for trial March 19.

Judge Ward ruled against the demurrer filed by Attorney John S. Partridge, counsel for the defendants, after hearing arguments from both sides, the arguments for the prosecution being made by Attorney Alexander O'Grady, special prosecutor. Partridge waived every point, but based his demurrer on which subdivision of the Cartwright act his clients were to be prosecuted.

Thirteenth American Good Roads Congress

With the North Carolina State Highway Department demonstrating how it uses the radio from the state capital in supervising highway construction throughout its state; with a dozen or more women highway contractors and women road officials present as delegates; two or more Sioux Indian chiefs, Red Bird and White Eagle, in attendance as delegates from the Custer Battlefield Highway Association, and many recently developed road building machines on exhibition—some of which are as large as Baldwin locomotives—no good roads meeting ever held will surpass in novel features the Thirteenth American Good Roads Congress, to be held at the Congress Hotel in Chicago January 15 to 19.

This big event, like the great exposition of road building machinery, methods ,materials and appliances to be held at the Chicago Coliseum during the same week, will be under the auspices of the American Road Builders' Association, the largest and the oldest good roads organization in the U. S. This association will also hold its Twentieth Annual Convention in connection with the congress and show.

Eighty-five thousand invitations have been sent to state, county and city highway contractors, engineers and good roads advocates generally. The mayors of five thousand American and Canadian cities and three thousand county boards of commissioners, selectmen, supervisors or freeholders have each been asked to appoint five official delegates to the congress. Enough exposition room has been applied for at the show to fill much more space than can be secured in the Chicago Coliseum and adjacent buildings. Excursion rates for the round trip to Chicago have been granted by all railroads.

Results of the latest research investigations in highway building by the United States Bureau of Public Roads, the State Highway Department of Illinois, the National Research Council and other organizations and institutions conducting highway research work are stressed for detailed description at the congress. Highway finance and highway transportation will receive in full the serious consideration they merit, as will the future of Federal aid to the states and other national and state road problems, both in administration construction and maintenance. A feature of the exposition will be an enormous exhibit by the United States Bureau of Public Roads.

During the congress, conventions will be held in Chicago by the Asphalt Association, the Midwest Section of the American Association of Engineers, the National Sand and Gravel Association, the National Crushed Stone Association, the Illinois Highway Contractors' Association, and the Illinois Association of General Contractors.

The entertainment to be provided during the week for delegates and visitors will include a stag party to be given Tuesday night, January 16, by the exhibitors at the show, with orchestral music, songs, dancers and boxing contests. On Wednesday evening, January 17, the annual banquet of the American Road Builders' Association will be held at the Congress Hotel. Men of national prominence will address the banquet and a high class musical and vaudeville program will be rendered on Thursday evening, January 18, the American Road Builders' Association will entertain delegates and visitors with a dinner party at Terrace Garden, during the performance of "The Terrace Garden Review."

Squeezing The Waste Out Of Industry

The year has been a notable one because of the great amount of scientific attention which has been given to the problem of eliminating industrial wastes, says the annual report of the Director of the Bureau of Standards of the Department of Commerce, covering the fiscal year ended June 30, 1922

Recognizing for many years that the solution of this problem depends like all fundamental industrial questions upon correct scientific and technical data, the Bureau has acted as a clearing house for information. Its staff has assisted in preparing codes and specifications, and it has conducted a great number of important investigations in its laboratories, all wtih the object of eliminating unnecessary waste in our industries. A few of the investigations are the following:

A complete study of automobile engine performance, both in the laboratory and in cars on the road, is being carried out with the object of increasing the efficiency of internal-combustion engines. If the Bureau, through this work, can assist in lowering the gasoline consumption of automobiles only 10 per cent for a given mileage, it will represent a saving to the country of something like $100,000,000 per year.

Large sums are lost each year through the corrosion of underground pipes, conduits, and metal structures. Part of this is the result of electrolytic action while part is caused by conditions of the soil. The Bureau has mapped out an extensive program to study this subject, and, if possible, to suggest means for preventing this waste. Pieces of pipe have been buried in different sections of the country, and the effect of the soil in these localities on the metal will be studied.

Most appliances used for heating by gas are operated at very low efficiency, with a consequent waste of gas and also with a very bad effect on persons working in the same room, because imperfect combustion means generation of carbon monoxide, which is extremely poisonous. The Bureau has studied the subject of improving both natural and artificial gas burners very thoroughly and has already issued recommendations which will greatly reduce gas consumption and improve the health of the users.

Building Construction

In the field of building construction more material than is necessary is often used for a wall, column, or floor slab, because information concerning the stresses which such structures or members can safely bear, their ability to resist fire, etc., is inaccurate or incomplete. In order to more definitely formulate safe and economical standards in this field, the Bureau is investigating the suitability of rerolled steel as a reinforcement for concrete, the strength of walls and floors, the resistance of buildings to fire, and the constitution of cement and concrete.

If, through the above investigations and many others similar to them which might be mentioned, the Bureau can assist in preventing even a small portion of the avoidable waste in industry, the saving to the citizens of this country thus brought about would more than pay the cost of many research institutions as large as the Bureau of Standards of a number of years.

Two new divisions, the work of which is of great interest to the public, have been added during the year. The first is the Division of Building and Housing while the second is that of Simplified Practice. The housing situation is of vital importance to everyone and the Bureau has endeavored during the year to aid in supplying the American people with more and better homes. Valuable statistics covering cost of building materials all over the country, percentages of home ownership in various cities, etc, have been issued at regular intervals and sent to a large mailing list. In co-operation with the cement section the present status of the concrete housing industry has been investigated. A "Zoning Primer" was issued giving the main points to be kept in mind when framing ordinances governing this important development in municipal regulation. In co-operation with other divisions of the Bureau, good progress has been made in the preparation of a plumbing code.

The Division of Simplified Practice is working in close co-operation with American industries to eliminate useless sizes of the commonly used industrial products and is directing the attention of manufacturers to the advantages of concentrating on the sizes and types in greatest demand.

Paving Brick

Valuable results have already been accomplished, notably in the simplification of sizes of paving brick and standardization of beds and bunks for hospital or similar use. The opportunity for simplification of this sort exists in almost every industry and if properly carried out will result in large savings. The Bureau's cordial relations with American manufacturers has resulted in a great deal of valuable assistance from them in carrying out the work.

A considerable portion of the time of some of the divisions has been given to assisting the Federal Specification Board, created by the Bureau of the Budget and of which the Director of the Bureau of Standards is Chairman, in the formulation of specifications for the various government departments. Twenty-five of these specifications were issued during the year and their use will result in considerable savings as well as simplifying government purchases.

An in the newer work, so also in the older established lines of activity, a great deal of attention has been paid to the practical application of scientific work, and it is interesting to note how often the solution of an apparently abstract scientific problem will turn out to be of real value in some line of industry.

Bureau's Activity

The variety of the Bureau's work is indicated by the fact that the report covers, besides those activities just mentioned, investigations in the fields of weights and measures, electricity, heat and thermometry, optics, chemistry, engineering physics, structural, engineering and miscellaneous materials, metallurgy, and ceramics.

The first portion of the report describes the various classes of standards, the organization of the Bureau, and its relation to the government, the industries, and the public. A very good general idea of the work of this institution may be obtained from this portion of the report. The remainder is arranged according to the various scientific divisions, these portions in turn being divided into sections each of which deals with some particular line of work.

The results of the Bureau's work are made available through its publications, of which 67 were issued during the fiscal year. These are all listed in Circular 24 of the Bureau which not only gives the title of every publication prepared by the Bureau of Standards, but also a complete abstract, so that any one can pick out the papers which will be of the greatest benefit to

them. This Circular, together with any of the other publications of the Bureau, may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D C.

REPRESENTATIVES OF FIVE COUNTIES WILL DISCUSS NEW BILLS

Announcement is made by the Northern California Supervisors 'Association that its legislative committee will convene in Sacramento January 15th and 16th to discuss and advise with the legislators of that section in regard to the policy to be pursued with reference to certain bills that will be introduced in the next legislature. The committee will also formulate policies to be pursued in cooperation with the new state administration.

Among the problems to be discussed will be the regulations governing motorized transportation; amendments to the Motor Vehicle Act; refinancing the state highway system by gasoline tax or another bond issue; the carrying out of the state highway system under the original bond issues for the completion of the main highway from Redding to the Oregon line and the connecting up of county seats by the established laterals; amendments to the present fish and game laws for the better protection of game, the cattle range, and the forest fires; etc.

The legislative committee named by the supervisors are J. A. Ager, Siskiyou; W. M. Welch, Shasta; I. W. Gibbins, Modoc; H. H. Riddle or J. H. Hunter, Lassen; Horace Givens or J. D. Rourke, Trinity. This committee will hold a joint session with the northern delegation in the state legislature, which includes Senator Frank Powers, Modoc, and Assemblymen Dr. G. H. Douglas, Del Norte; Dr. Ernest Dozier, Shasta, and Arthur Mathews, Lassen.

At the same time there will be held an executive session of the executive board governing the Northern California Counties' Association, and the chairman of each of the five boards of supervisors. These two latter groups will also meet with the legislative committee in an advisory capacity.

The direct result of the meeting will be two distinct programs of action which the organized efforts of the north will endeavor to carry out—one with the state legislature, the other with the state administration.

USE OF STEEL CHANNELS

A well known steel man is authority for the statement that the substitution of steel channels for ordinary wood joists will permit a saving of 22 per cent on the joist costs at present prices. This assertion is based on several facts. The first one is that a 7-inch 10-pound channel is stronger than two wood joists 2 inches by 12 inches in section.

It would therefore seem good practice to substitute one steel channel for every two wood joists. At present costs the price of the steel channel will be 22 per cent less than the cost of two wood joists of the size listed.

It is also claimed that the structural value of any given section of steel is more easily computed and is more reliable than that of any other material. The close chemical control in the average steel mill results in a more uniform product and one that makes possible the development of the full planned strength of the structure.

During the past fiscal year $5,068,527.42 of National Forest revenue were paid into the Federal Treasury, according to the U. S. Forest Service. These receipts are from the use of timber, forage and land, including water power sites.

Useless Metal Lath Weights Eliminated. 133 Varieties Discarded.

Reduction from more than eighty varieties to ten of expanded flat metal lath and from more than seventy to seven in ¾ in. expanded rib lath now being used extensively in the building industry, was recommended recently at a conference of metal lath manufacturers, users and distributors held at the Department of Commerce under the auspices of the Division of Simplified Practice.

The result of a survey of the excess and useless weights of metal lath, made by the Metal Lath Manufacturers Association, were used as a basis for eliminations, and retention. The adoption of the following recognized standards of weight in this community during the year July 1, 1923, to July 1, 1924, was recommended by the conference:

FLAT EXPANDED LATH

Painted Steel	Spec. Metal	Galv. Before
2.2	2.2	..
2.5*	2.5*	2.5
3.0*	3.0*	..
3.4	3.4	3.4

¾" RIB EXPANDED LATH

2.5	..	..
3.0*	3.0*	..
3.8*	3.8*	..
4.8	4.8	..

*The conference urged that every effort be made in the industry to direct practice to a consolidation of the two starred sizes to a single intermediate weight. This to be made effective, if possible at the next conference.

Tolerance to be not greater than plus or minus 0.1 lb. per sq. yd.

The conferees are of unanimous agreement that adoption of the recommended standard weights, which will amply supply the needs of construction, by the industry as a whole, will result in the greatest benefit to manufacturers, distributors and users of the article affected.

ARKANSAS HAS 28,700 MILES OF IMPROVED ROADWAYS

Arkansas now has 28,700 miles of improved road not including that added during last season, according to the Bureau of Public Roads, United States Department of Agriculture, which has made a complete census in the State. The improved road mileage at the beginning of 1922 was as follows:

Graded and drained	24,829
Sand clay	150
Gravel, chert, and shale	2,869
Water-bound macadam	320
Surface treated macadam	73
Bituminous macadam	154
Sheet asphalt	12
Bituminous concrete	219
Cement concrete	74

The total road mileage of the State is 74,866 miles,(as compared with 50,743 miles in 1914, and during the seven year period from 1914 the graded and drained mileage has increased from 16,305 to 24,829, and the surfaced and paved roads from 1098 to 3871 miles.

The total road revenue in 1921 amounted to $22,886,970 or $435 for each square mile of area, $305 for each mile of road, or $13.06 per capita. At the end of 1921 there were 1782 miles of State-aid road.

FRESNO COUNTY PAVEMENT SUIT APPEAL PENDING

Ray C. Wakefield, special counsel for the Fresno County Supervisors, is in Los Angeles regarding the suit of Warren Brothers against Thompson Bros., Fresno contractors, in which the county intervened and won.

Warren Brothers, after losing the suit which was brought to force the payment of royalties on a road surfacing type, filed notice of appeal to the United States supreme court.

The suit was tried several months ago before Federal Judge Benjamin F Bledsoe in Los Angeles, and decided in favor of the county, which in effect would save the taxpayers more than two hundred thousand dollars.

Warren Brothers claimed that Fresno county and the construction company infringed upon its patents on a road pavement type known as Warrenite. The county contended that the type was in general use for a number of years, and that it was not patentable. It also contended that Chris P. Jensen, county surveyor, himself designed the process used by the county in the construction of its highways.

RECENT WAGE REVISIONS IN BUILDING TRADES

Atlanta, Ga., plasterers, marble setters, sheet metal workers, stone cutters and structural iron workers received an increase in wages.

Baltimore union carpenters are still demanding 90 cents an hour, but only a few are being paid at that rate. The majority of the contractors are paying 80 cents and are getting plenty of help.

Buffalo, N. Y., contractors are paying to bricklayers bonuses amounting to 12½ cents an hour. None of the trades are entirely open shop, but all trades are partly so.

Cleveland lathers are receiving bonuses. Pay is as high at $1.25 an hour.

Columbus, Ohio, lathers are still on strike.

Des Moines, Iowa, has increased the wages for bricklayers to $1.25 an hour

Erie, Pa., has revised wage scales upward for laborers, elevator constructors and hoisting engineers.

Johnstown, Pa., gave a boost to published wage rates for laborers, bricklayers and plumbers.

Nashville, Tenn., reports a shortage of mechanics, plasterers, bricklayers, steam fitters, structural and ornamental iron workers. Marble setters and tile setters are needed.

Oklahoma City, Okla., announces a raise in wages for lathers, painters, plasterers, bricklayers and hoisting engineers.

Philadelphia has retreated from the $1.65 per hour total for plasterers and is now paying only up to $1.50. Bricklayers and ornamental iron workers are getting more than before according to the scales.

Portland, Me., reports an extended shortage of masons, bricklayers, plasterers and plumbers. Open shop conditions have prevailed in most of the trades since July, 1921, and no written agreements are in force.

Richmond, Va., is now paying as high as $1.25 an hour for plasterers.

St. Louis has raised the rate for plasterers to $1.50 an hour. Their helpers are now getting $1 an hour.

Tucson, Ariz., reports raises for carpenters, electricians and plasterers. All trades in Tucson are on an open shop basis.

Washington, D. C., is still experiencing a shortage of bricklayers and plasterers. Bonus wages are being paid.

Building News Section

APARTMENT HOUSES

Contract Awarded.
APARTMENTS Cost $44,803
SAN FRANCISCO, SW Gough and Rose Streets.
Three-story and basement frame (2) apartments.
Owner—Elvira Felix, 925 Leavenworth Street.
Architect—R. R. Irvine, Call Bldg.
Contractors—Meyer Bros., 5326 Geary Street.

Sub-Figures Being Taken—To be Done by Day's Work.
APARTMENTS Cost, $60,000
OAKLAND, Alameda Co., Cal W Jackson St, 300 N 14th St.
Three-story 52-room brick apartment house.
Owner—Coit Invst. Co., 306 14th St., Oakland.
Architect—L. L. Ford, 306 14th St., Oakland.

Contract Awarded.
APARTMENTS Cost, $15,000
ALAMEDA, Alameda Co., Cal. No. 2444-46 Central Avenue.
Two-story 16-room frame apartments.
Owner—E. M. Gumpel.
Architect—None.
Contractor—Harry C. Knight, 388 12th St., Oakland.

Figures to be Taken Next Week.
APARTMENTS Cost, $65,000
SAN FRANCISCO. Fillmore Street near California Street.
Three-story and basement frame and stucco apartment house (22 2, 3 and 4-room apts.) Fronting on both streets.
Owner—Withheld.
Architect—Albert J. Fabre, 110 Sutter St., San Francisco.
Bids will be taken for a general contract, heating and ventilating.

Plans Being Prepared.
STORE & APT. BLDG. Cost, $40,000
BERKELEY, Alameda Co., Cal., SW Dwight Way and Shattuck Ave.
Two-story brick store and apt. bldg.
Owner—Withheld.
Architect—Louis Upton, 454 Montgomery Street, S. F.

To Be Done By Day's Work and Sub-Contracts.
APTS. & STORE Cost, $65,000
SAN FRANCISCO, E Larkin 77 S Turk.
Five-story and basement concrete (24) apartments and store.
Owner—J. V. Campbell, 1010 Bryant St.

Plans Being Prepared.
APARTMENTS Cost, $40,000
SAN FRANCISCO. Liberty St. near Church St
Three-story frame apartments.
Owner—Withheld.
Architect — Henry Shermund, Hearst Bldg., San Francisco.

Plans Being Prepared.
APARTMENTS Cost, $250,000
SAN FRANCISCO. California St. near Jones St.
Six-story reinforced concrete apartment house.
Owner—Withheld.
Architect—Henry Shermund, Hearst Bldg., San Francisco.

Contractor to Take Sub-Figures Shortly
APARTMENTS Cost, $60,000
SAN FRANCISCO. N Filbert St. 147 E Hyde St
Three-story reinforced concrete and frame apartment house.
Owner—Mrs Jeanne Canac-Marquis, 215 Hearst Bldg., San Francisco.
Architect—E. E. Young, 251 Kearny St., San Francisco.
Contractor—W. S. King, 215 Hearst Bldg., San Francisco.

Plans Being Prepared.
APARTMENTS Cost, $120,000
SAN FRANCISCO. Pacific Avenue W of Van Ness Avenue.
Seven-story Class B apartment house.
Owner—G. W. Burnett, 141 Sutter St., San Francisco.
Architect—Chas. H. Skidmore, 426 Call Bldg., San Francisco.

Plans Being Prepared.
APARTMENTS Cost, $100,000
SAN FRANCISCO. California St. W of Van Ness Avenue.
Six-story Class B apartment house.
Owner—G. W. Burnett, 141 Sutter St., San Francisco.
Architect—Chas. H. Skidmore, 426 Call Bldg., San Francisco.

Sub-Figures To Be Taken In Two Weeks.
APT. HOUSE Cost, $275,000
SAN FRANCISCO, SE Ellis and Taylor.
Six-story and basement steel frame & reinforced concrete store and apt. house (70 2-room apts).
Owner—A. F. Rousseau, 110 Sutter.
Architect—D. C. Coleman, 110 Sutter St San Francisco.

Figures to be Taken End of This Week
APARTMENTS Cost, $200,000
SAN FRANCISCO. N Market Street E Gough Street.
Six-story Class C reinforced concrete market and apartment house (40 2 and 3-room apts.)
Owner—Jas. B. Gaffney and Raymond A. Luce, of the Daylight Market.
Architect — Walter C. Falch, Hearst Bldg., San Francisco.
Mechanical Engineer—A. A. Coddington, Phelan Bldg., San Francisco.
Structural Engineer—Pierre Zucco, 166 Geary St., San Francisco.

Plans Being Prepared.
APARTMENTS Cost, $42,000 eaach
SACRAMENTO, Cal. J Street.
Two two-story frame and brick veneer apartments (8 apts. each).
Owner—Withheld until plans are further progressed.
Architect — Frederick S. Harrison, Peoples Bank Bldg., Sacramento.

Sub-Figures Being Taken On All Parts of the Work.
APARTMENTS Cost, $50,000
SAN FRANCISCO, NE Baker St. and Golden Gate Ave.
Three-story and basement frame (15) apartments.
Owner—W. H. Joost.
Architect—Arthur G. Scholz, 839 Phelan Bldg.

Plans Being Figured.
APARTMENTS Cost, $40,000
SAN FRANCISCO, N Geary 50 W Hyde.
Five-story and basement concrete (20) apartments.
Owner—Geo. Cohn, 9 Stockton St. S. F.
Architect—S. Heiman, 57 Post St., S. F.

SANTA MONICA, Cal.—Archts. Ruoff & Munson, 1107 Story Bldg., L. A., have completed preliminary plans for a 6-story class A apt. and club bldg. to be erected on Palisades Blvd., Santa Monica; owner withheld temporarily; will contain 140 rooms divided into 70 apts. with complete clubrooms on 6th floor, lobby and entrance for club and apts. Reinf. conc. constr., tile fill walls, plas. exter., 90x128 ft., tile and comp. roof, artificial stone trim, ornam. iron balconies, marble floors & wainscot, steam heating, refrigerating system, vacuum cleaning system, inter. telephone system, wall beds, hardwood floors; $300,000.

BANKS

Bids to be Taken This Week.
BANK BLDG. Cost, $225,000
POMONA, Los Angeles Co., Cal.
Five-story, mezzanine and basement Class A bank and office building, 60x90.
Owner—First National Bank.
Architect—Aleck Curlett & Claud Beelman, Union Bank Bldg., Los Angeles.

PLACERVILLE, El Dorado Co., Cal.—Placerville National Bank, Alden Anderson, of Sacramento, president, will erect a new bank building here. Efforts are being made to have the Government establish a postoffice in the building. The structure will be erected regardless of the action taken on the postoffice proposal.

BONDS

LEMOORE, Kings Co., Cal.—Lemoore Irrigation District voted down proposition to vote bonds of $420,000 to finance purchase of four other water districts. Vote was 311 for and 184 against.

BEND, Ore.—Bonds of $40,000 voted in Snow Creek Irrigation District to finance improvements including a dam for water storage at Big Lake.

OAKDALE, Stanislaus Co., Cal—Oakdale and South San Joaquin Irrigation Districts, jointly, will call election to vote bonds of $3,750,000 to finance Melones reservoir and power plant. Total cost of dam and rights of way, etc., $1,984,000; power plant, $1,516,000; canal enlargements in Oakdale district, $200,000; lateral enlargements, $50,000. R. E. Hartley is Sup't. for Oakdale district.

MONTECITO, Cal.—An election will be called to vote on a bond issue for the construction of a city water system for Montecito County water district.

CHICO, Butte Co., Cal.—City trustees have retained attorney to draw up proposed procedure for election to be held within 90 days to vote bonds to finance purchase and improvement of three privately owned water systems.

GOLD HILL, Ore.—City has voted bonds of $23,000 to reconstruct water system and plant.

SAN DIEGO, Cal.—City council has asked harbor commission for its recommendation as to the amount to be submitted at a bond election for the completion of the mole type pier No. 2, a tentative estimate of this being placed at $600,000. The bond proposition will probably be submitted at the municipal primary election on March 20.

DELANO, Kern Co., Cal.—City Trustees will call election to vote bonds of $60,000 to finance extensions to water system and $16,000 to purchase fire equipment.

PETALUMA, Sonoma Co., Cal. — City council will call election to vote bonds of $50,000 to purchase fire equipment and erect fire house.

PLACERVILLE, El Dorado Co., Cal.—Placerville High School District will call election to vote bonds of $160,000 to finance construction of high school. Should issue fail to carry a $30,000 direct tax will be levied to improve present structure.

CHURCHES

Figures to be Taken Shortly.
CHURCH Cost, $5000
BAKERSFIELD, Kern Co., Cal. Tenth and L Sts.
Frame and stucco church, 40x60.
Owner—Nazarene Church.
Architect—J. M. Saffell, 924 19th St., Bakersfield.

Figures To Be Taken End of This Month.
INTERIOR CHURCH Cost, $50,000
ALAMEDA, San Antonio Ave. & Chestnut St., (St. Joseph's Church).
Complete interior church (steel furring lathing, plastering and decorating)
Owner—Roman Catholic Archbishop of San Francisco.
Architect—Shea & Minton, Chronicle Bldg., San Francisco.

Owners Taking Figures.
CHURCH Cost—
SONOMA, Sonoma Co., Cal.
Concrete church.
Owner—St Francis Catholic Church (Rev. Father John Byrne, Pastor).
Architect—C. H. Jensen, Call Bldg., S.F.

LOS ANGELES, Cal.—Arthur G. Lindley, Chas. R. Selkirk, assoc., American Bank Bldg., L. A., report that the new bldg. to be erected at 18th and Georgia Sts., L. A., for Gospel Tabernacle Church will be built by day labor and subcontract. Cecil Horn of Artesia will be the foreman in charge. The bldg. will contain an auditorium to seat 1250 people, pastor's study, ladies' parlor, class rooms, 1-story and basement, 94x102 ft. frame and plas. constr., tile and comp. rfg., gas unit htg. system, ventilating system, art glass, opera chairs; $70,000.

FACTORIES & WAREHOUSES

Contract Awarded.
BRICK BLDG. Cost, $18,000
OAKLAND, Alameda Co., Cal. Ninth and Alice Streets.
Two-story brick building
Owner—Richmond Sanitary Mfg. Co.
Architect—L. L. Ford, 306 14th St., Oakland.
Contractor — Sommarstrom Bros., 306 14th St., Oakland.

Plans Being Prepared.
WAREHOUSE Cost, —
SAN FRANCISCO, 18th and Alabama Streets.
Five-story reinforced concrete warehouse 200x200.
Owner—R. McLeran & Co, Hearst Bldg. San Francisco.
Architect—Owner.
Work will be done by the owners.

Contract Awarded.
SHOP BLDG. Cost, $23,000
SAN FRANCISCO, NE Howard & Mary Streets.
Two-story concrete shop building.
Owner—L. A. Myers, Foxcroft Bldg.
Architect—S. L. Hyman, Foxcroft Bldg., San Francisco.
Contractor—O. W. Britt, 180 Jessie St., San Francisco.

Plans Being Prepared.
WAREHOUSE Cost—
SAN FRANCISCO, 2nd & Harrison Sts.
Five-story reinforced concrete warehouse 80x160.
Owner—R. McLeran & Co., Hearst Bldg.
Architect—Owner.
Work will be done by the owner.

Plans Being Figured—Bids close Jan. 5, 1923.
WAREHOUSE Cost—
ELMHURST, Alameda Co., Cal.
One and 2-story brick warehouse.
Owner—E. H. Nielson, 16 California St., San Francisco.
Engineer—Fred Nielson, 16 California St., San Francisco.

Plans Being Prepared.
WAREHOUSE Cosct, $100,000
BERKELEY, Alameda Co., Cal. University Avenue.
Five-story fireproof warehouse.
Owner—Name Withheld.
Owner—Withheld.
Architect—Chas. H. Skidmore, 426 Call Bldg., San Francisco.

Contract Awarded.
CANNERY BLDG. Cost $23,438
OAKLAND, Alameda Co., Cal., W Filbert bet. 1st and 2nd Sts.
Two-story reinforced concrete & brick factory and warehouse buildings.
Owner—California Packing Corp., 101 California St., S. F.
Engineer—Philip L. Bush, 101 California St., San Francisco.
Contractor—W. G. McGinty & Sons, 212 Federal Realty Bldg., Oakland.

Plans Being Prepared.
WAREHOUSE Cost, $90,000
OAKLAND, Alameda Co., Cal. San Pablo Avenue.
Five-story fireproof warehouse
Owner—Name Withheld.
Architect—Chas. H. Skidmore, 426 Call Bldg., San Francisco.

Plans Being Prepared.
WAREHOUSE Cost, $100,000
SAN FRANCISCO. Downtown District
Five-story fireproof warehouse.
Owner—Name Withheld.
Architect—Chas. H. Skidmore, 426 Call Bldg., San Francisco.

Plans Being Figured.
FACTORY Cost——
EMERYVILLE, Alameda Co., Cal., 12 acres bet. Powell and 62nd St.
One and 2-story fireproof insulator factory (first unit).
Owner—Westinghouse Elec. & Mfg. Co., First Natl. Bank Bldg., S. F.
Architect — Bernard H. Prack, Pittsburgh, Penn.
Bids will be opened within the next day or two.

Plans To Be Prepared.
LOFT BLDG. Cost, $100,000
OAKLAND, Alameda Co., Cal., 13th St. bet. Webster and Harrison Sts.
Six-story reinforced concrete store and loft bldg.
Owner—A. P. & Geo. Hoffschneider, 455 21st St., Oakland.
Architect—Not selected.
A portion of the building will be occupied by the owners as an electrotyping and stereotyping plant.

Plans Prepared.
WAREHOUSE Cost, $244,870
SAN FRANCISCO, Delaware and 23rd Streets.
One-story concrete and steel warehouse, etc.
Owner—J. D. and A. B. Spreckels Securities Co., (Western Sugar Refinery), No. 2 Pine St., San Francisco.
Engineers—Plans by Engineering Dept. of Owners.
The Board of Supervisors has been requested to close certain streets in the vicinity of this proposed improvement and when such authorization is granted construction will be started. Footings for the structure will rest on concrete piles. Foundations walls will be of concrete. An automatic sprinkler system will be installed in addition to a complete system of belt conveyors with fireproof bridges and enclosures between buildings. Relocation of railroad tracks and the erection of new train sheds and re-location of fuel oil tanks in concrete retaining walls is also proposed.

To be Done by Day's Work.
ALTERATIONS Cost, $10,000
SACRAMENTO, Cal. No 1700 Twenty-second Street.
Alter and repair ice house.
Owner—Buffalo Brewing Co., 1717 21st St., Sacramento.

A. E. Leitch Fred Clark
CLARK & LEITCH ROOFING CO.
Successors to E. S. Warner
Office and Warehouse:
1116 SECOND ST., SACRAMENTO
Phone Main 726

Plans Being Prepared.
FACTORY Cost, $25,000
SAN FRANCISCO. N Bryant E Third.
Three-story reinforced concrete cigar factory.
Owner—Ehrman & Co.
Architect—S. Heiman, 57 Post St., San Francisco.

VENICE, Cal.—Until 5 p. m., Jan. 15, bids will be received by city trustees to const. wooden pier 12 ft. wide and 310 ft. long, and the construction of a wooden jetty with rip-rap stone. Plans and spec. on file with city clerk, T. H. Hanna. Cert. check or bond 10%.

SAN RAFAEL, Marin Co., Cal.—The Pacific Gas & Electric Co., 445 Sutter St., S. F., are making the following improvements estimated to cost approx. $140,000:
Changing present storage holder into a relief holder.
The erection of a new 500,000 cubic foot holder.
Pile foundation awarded to Renner Foundation Co., 628 Montgomery St., San Francisco.
Tank awarded to Stacey Bros., Gas Construction Co., Cincinnatti.
The erection of a new warehouse, machine shop, garage, meter shops, transformer shed, filling station, etc.
Sheet metal work awarded to Conlin & Roberts & Heidt Cornice Works, of San Francisco.
Erection of a new oil wharf.
In addition to the above work is to be started shortly on the extension of an 8-inch gas main from the San Rafael gas plant to Petaluma, at an approximate cost of $215,750 for the improvement of gas service to Sonoma county.

LOS ANGELES, Cal.—W. H. Daum, Van Nuys Bldg., L. A., has purchased a tract of 240 acres bounded by Central Florence, Slauson and South Park Aves as an industrial tract. Street improvements to cost $250,000 will be installed and Mr. Daum states that arrangements have been concluded with fifteen manufacturing companies to erect factories in the tract at a cost of $5,000,000.

NAPA, Napa Co., Cal. — Frank E. Goetze, Brown and Fourth Sts., will construct one-story corrugated iron, 60 by 40 ft. addition to his present machine shop at Brown and Fourth sts.

ST. JOHNS, Ore. — De Young and Roald, Spalding Bldg., Portland, taking bids for labor on one-story frame and galv. iron cooperage plant to be erected for the Western Cooperage Co. Company will furnish materials. Bldg. will contain 50,000 ft. floor space.

VISALIA, Tulare Co., Cal.—Visalia Agricultural Works, recently reorganized, has purchased a site in the Pratt Villa Tract, 654 by 132 ft. near Santa Fe Railroad and plans erection of plant for manufacture of agricultural implements.

HAYWARD, Alameda Co., Cal.—Jack Prince has contract to erect a 1½-mile speedway in Hayward. Materials for construction will be taken from the Cotati speedway which will be dismantled due to transportation inconveniences. The Hayward speedway is being backed by Cliff Durant who is associated with Christy Loeser of the San Carlos Speedway project and who has purchased the entire interests of the latter company. The exact location of the speedway is yet to be determnied.

TOBY, Kern Co., Cal.—Fremont Salt Co., operating a plant here, near Mojave, will spend $50,000 in improvements. J. C. Martin, mgr. of company.

KLAMATH FALLS, Ore. — Reservation Lumber & Construction Co. has been organized here with a capital stock of $10,000 and will erect planing mill. Directors are: John Slater, C. L. Griffin and W. C. Van Emon.

VALLEJO, Solano Co., Cal.—Vallejo Chamber of Commerce is conferring with C. A. Hurrle, glass manufacturer, regarding the establishment of a plant here for the manufacture of window glass. L. A. Denius, a member of the industrial committee of the chamber, will assist in locating the proposed plant.

RED BLUFFS, Tehama Co., Cal. — Mayor G. G. Stice Sheriff M. O. Ballard and Judge E. F. Lennon are in touch with Sacramento firms regarding purchase of machinery for a vegetable evaporating plant to be established in Red Bluff.

PORTLAND, Ore.—Following bids received by S. C. Pier, City Purchasing Agent, to erect garbage incinerator:

Superior Garbage Incinerator Co., Dallas, Texas. 100-ton Superior incinerator, complete, $99,800.

Pacific Coast Crematory Co., represented by Houghtaling and Dougan, architects, Elks Temple Bldg., Portland, Ore., (a) repair and enlarge the present incinerator plant by relining furnaces, combustion chamber and other portions and install within the same building a complete incinerator with 100 tons daily capacity, $45,165 plus 10 per cent for all force account work; (b) tear out present furnaces and install complete 200-ton incinerator within present building, $81,185; (c) construct 200 ton new incinerator at a site to be selected, complete with building and other accessories, $125,975; (d) construct new 100-ton incinerator on a site to be selected complete with building, furnace and other accessories, $75,185; if allowed to erect a plain exterior building instead of one with ornamental exterior as in the present building reduce alternate C $5000 and alternate D $3000. Proposition also submitted by same company to construct one 200-ton and 100-ton plant in conjunction with the present equipment for $188,600, plus cost and 10 per cent on force account work. If the present stack can be used for the 100-ton incinerator it will reduce on alternate "D" an additional $3500.

The De Carrie Incinerator Co. of Minneapolis Minn., represented by Willis Hardwars and supply co., 819 Lombard St., Portland, Ore., to erect a 150-ton plant complete for $160,940; also to construct a 150-ton plant complete under different specifications for $208,960; also 200-ton plant complete for $216,620. This bid submitted on specifications furnished by the bidders.

FLATS

Contract Awarded.
FRAME FLATS Cost, $12,350
OAKLAND, Alameda Co., Cal. S Manila Ave. 300 E College Ave.
Two-story 14-room frame flats.
Owner—Fred Schlanker, San Francisco.
Architect—None
Contractor—S. Jones, 5829 Lawton Ave., Oakland.

Contract Awarded.
FRAME BLDG Cost, $12,134
SAN FRANCISCO, N Chestnut St. 79 W Van Ness Ave.
Except electric fixtures, radiators and window shades for a two-story frame building.
Owner — F. and Mary A. Glavannonl, 581 Columbus Ave., S. F.
Architect—W. H. Armitage, Call Bldg., San Francisco.
Contractor — John Harder, 870 39th Ave., San Francisco

To Be Done By Day's Work.
FLAT BLDGS Cost, $17,500 ea.
SAN FRANCISCO, E Van Ness Ave. 50-3 & 61 N Filbert St.
Two 2-story and basement frame flat bldgs. (4 flats each).
Owner—Bo[illegible] & Ho[illegible], 1120 Market St.
Architect—Edw. E. Young, 251 Kearny St., San Francisco.

Contract Awarded
FLAT Cost, $16,000
OAKLAND, Alameda Co., Cal., NW Broadway and Alameda St.
Two-story 16-room frame flats.
Owner—Irene Vander Carr, 1320 Pearl St., Alameda
Contractor—Oakland & S. F. Improvement Co. Merchants Exchange Bldg San Francisco.

GARAGES

Contract Awarded
GARAGE Cost Approx. $50,000
SAN FRANCISCO, S Stevenson St., bet Ecker and Second Sts., running through to Jessie St.
Two-story and basement reinforced concrete garage and service station (300 cars) 150 ft. on Stevenson and 130 ft. on Jessie.
Owner—Stevenson Garage, Inc.
Architect—Arthur S. Bugbee, 26 Montgomery St., San Francisco.
Contractor—Cahill Bros., 110 Sutter St., San Francisco.

Contract Awarded.
GARAGE Cost, $17,334
SAN JOSE, Santa Clara Co., Cal. S-First St., near Williams St.
One-story reinforced concrete auto bus garage.
Owner—Costa & Miller.
Architect—Chas. McKenzie, Bank of Italy Bldg., San Jose.
Contractor—Megna & Newell, 866 N-17th St., San Jose.

Figures to be Taken Next Week.
GARAGE, ETC. Cost, $25,000
BERKELEY, Alameda Co., Cal. Center St. W Shattuck Ave.
One-story reinforced concrete store and garage.
Owner—L. W. Hink and Robt. Sproule
Architect—Jas W. Plachek, 2014 Shattuck Ave., Berkeley.

Figures Being Taken From a Selected List of Contractors.
nGARAGE Cost, $9000
BERKELEY, Alameda Co., Cal. Addison St. W Shattuck Ave.
One-story reinforced concrete garage, wood trusses.
Owner—L. W. Mink and R. G. Sproule.
Architect—Jas W. Plachek, 2014 Shattuck Ave., Berkeley.

SACRAMENTO BUILDERS' EXCHANGE
Sacramento, Calif., December 22nd, 1922.

TO ALL MEMBERS:

On the evening of Thursday, the eleventh day of January, 1923, in the Banquet Room of the Native Sons' Hall, 11th and J Sts., we will hold the event of the year, our ANNUAL EXCHANGE DUCK STEW. Invitations are limited to members only, but preparations are being made for an attendance of the entire membership. We are going to have the best time of our building careers, both old and young. Our Committee on Food and DRINKS is working twenty-four hours every day to fix up a feed from "cocktail to nuts" that will cause every single one of us to loosen our belts at least four notches before we call it quits. In addition to the eats, the program will include speakers, prizes, surprises, entertainment, and also a short meeting. A little later a return postal card will be mailed to each member asking them to advise whether "I will, or will not, be present at the EXCHANGE DUCK STEW.

To hold a DUCK STEW we must have the ducks. We want some of our duck hunters of the Exchange to go out and bring in the limit. You get the ducks and we will take care of the rest. Get in touch with Frank Dixon, Main 2809-J, Chairman of the Committee, or the Secretary, at Main 445, when you get the ducks. We are also open for any suggestions that may be for the success of the DUCK STEW.

THE ABOVE is an event.
• • •
THAT CLARENCE Sand Pratt, President.
• • •
OF THE Pratt Building Material Co.
• • •
DOUGLAS 300—"easy to remember."
• • •
WOULD NOT miss for $1000.00.
• • •
AND THEY have Frank Dixon, Chairman
• • •
AND A. W. Palm is Secretary.
• • •
SO IT will be some stew.
• • •
IF THIS affair.
• • •
IF HALF as good.
• • •
AS THE last one.
• • •
THEN SANDY Pratt wants.
• • •
TO BE among those present.
• • •
THEY HAD fellows.
• • •
LIKE RALPH McLeran.
• • •
AND BILL Scott present.
• • •
AT THE last stew.
• • •
AND RALPH and Bill ate.
• • •
JUST TWICE as much duck.
• • •
AS CLARENCE Sand Pratt, producer.
• • •
OF "PRATT'S clean, sharp sand."
• • •
FOR PLASTERING and brick work.
• • •
ALSO CONCRETE sand.
• • •
AND HARD, sharp sand.
• • •
FOR SAND blasting.
• • •
"I THANK you."

This scene taken on the "Dollar duck preserve," near the Pratt Building Material Company's Marysville sand loading plant, show the immense cost of the annual goose stew of the Sacramento Builders' Exchange. The income tax examiner would not allow President A. W. Norris, noted builder and duck shooter, to deduct $1,000,000, spent on shooting duck, from his income tax.

Owners Taking Figures.
GARAGE. Cost, $10,000
SAN FRANCISCO, Vallejo bet. Stockton and Powell Streets.
Two-story reinforced concrete & frame auto sales and garage building.
Owner—R. Simone, 728 Vallejo St., S. F.
Architect — Willis Lowe, Monadnock Bldg., San Francisco.
Figures are being taken for a general contract.

STOCKTON, San Joaquin Co., Cal.—Until Jan. 9, 10:30 a. m., bids will be received by A. L. Banks, city clerk, to construct double garage building at South Sewage Disposal Plant. Cert. chk 10% payable to city clerk required. Plans obtainable from clerk.

GOVERNMENT WORK AND SUPPLIES

WASHINGTON, D. C.—The following bids were received December 28 by the chief of the bureau of yards and docks, Navy Department, Washington, for an extension of pier No. 4 at the navy yard, Puget Sound, Wash., under yards and docks specification 4707:

Item 1, work complete; 2, do. bidders' design; 3, deduction for each bay omitted; 4, deduction for bituminous wearing surface omitted on deck; 5, add or deduct for each foot of pile in excess of or less than total length.

J. A. McEachern, Inc., 552 Colman Bldg., Seattle, Wash., item 1, $473,000, 300 days; 3, $15,400, 5 days; 4, $10,000, 15 days; 5, 25c.

Henry & McFee, 208 Northern Light Bldg., Seattle, Wash., item 1, $440,000, 240 days; alternate, $392,000; item 2, alternate, $403,000, 300 days; 3, $14,000; 4, $8500; 5, 27c.

WASHINGTON, D. C.—Fred W. Steffgen, 428 Timken Bldg., San Diego, awarded contract by Bureau of Yards and Docks, Navy Department, for wharf repairs at San Diego, on bid of $3673; time 30 days; unit prices on item 2 also accepted. Work under Spec. No. 4751.

WASHINGTON, D. C. — Bureau of Yards and Docks, Navy Department, has rejected bids received under Spec. No. 4741 for garage, sewer, pavement, and fence at San Diego, Cal. New bids will be invited at a later date.

WASHINGTON, D. C.—Until Jan. 23, bids will be received by Bureau of Supplies and Accounts, Navy Department, for fur. and del. Mare Island Navy Yard, Calif., 22,765 ft. of galv. steel pipe, under Schedule No. 400.

WASHINGTON, D. C.—Until Jan. 23, under Schedule No. 403, bids will be received by Bureau of Supplies and Accounts, Navy Department, for fur. Mare Island, Calif., Navy Yard, 34,700 lbs. steel sheets and ridge roll.

Separate bids, same date for fur. Mare Island 38,000 lbs. sheet steel under Schedule No. 405.

WASHINGTON, D. C.—Until Jan. 23, under Schedule No. 404, bids will be received by Bureau of Supplies and Accounts, Navy Dept., for fur. and del. Mare Island, Calif. Navy Yard, 200 porcelin insulators.

WASHINGTON, D. C.—Daniel Contracting Co., 503 Market St., San Francisco, awarded contract by Bureau of Yards and Docks, Navy Dept., under Spec. No. 4700 for riprapping dike at Mare Island Navy Yard. Bids on items 1 and 2, $675,000 accepted; time 400 days.

DENVER, Colo.—Until Jan. 12, 2 p. m. bids will be received by U. S. Reclamation Service for fur. steel bents for canal checks, under Spec. 303-D for the Newlands Project, state of Nevada, involv. approx. 7000 lbs. of metal work. Further information from above.

SAN FRANCISCO.—Area Coordinator Ray Spear has recommended to Washington that the old subtreasury building at Washington and Sansome streets be sold and the proceeds be used to erect a modern federal office building at Washington and Sansome streets. The proposed site is that now occupied by the Appraisers' building, formerly the Custom House.

ALBUERQUE, N. M. — Supervising Architect's Office, Treasury Dept., has rejected bids received to remodel basement, etc., of U. S. Postoffice at Albuerque, N. M., bids being in excess of funds available.

WASHINGTON, D. C.—Secretary Mellon and Postmaster General Work in a report to Congress urges appropriations of funds to finance construction of federal buildings as follows: Sacramento, Cal., $1,000,000; Butte, Mont., $350,000; Houston, Texas, $900,000; Phoenix, Ariz., $350,000; Stockton, Cal., $180,000; Boulder, Colo., $88,000; Reno, Nev., $175,000 and Astoria, Ore. $300,000.

HALLS AND SOCIETY BUILDINGS

Plans Being Prepared.
HALL BLDG. Cost, $20,000
OROSI, Tulare Co., Cal.
Two-story concrete and brick hall building.
Owner—F. & A. M., No. 383 of Orosi.
Architect—Friend & Kimzey, Dinuba.

Plans Being Prepared.
LODGE BLDG. Cost, $——
SANTA BARBARA, Santa Barbara Co., Cal. Santa Barbara and Western Avenues.
Two-story brick store and lodge building, 90x130.
Owner—University Lodge, F. & A. M.
Architect—H. C. Deckbar, Wright & Callender Bldg., Los Angeles.

Architectural Competition To Be Held.
CLUB HOUSE Cost—
SAN FRANCISCO, Lakeside Golf Links.
New club house building.
Owner—Olympic Club.
Architect—Not selected.

The following architects are members of the club and will be asked to participate in the competition for the plans for the new building: Frank T. Shea, Sylvain Schnaittacher, F. W. Quandt, J. W. Powers, J. R. Miller, E. A. Meussdorffer, Kenneth MacDonald, Jr.; Chas. E. Gottschalk, Arthur J. Evers, Leo. J. Devlin, F. J. Devlin, J. S. Fairweather, Bakewell & Brown, Earle J. Osborne, Wm. P. Day, E. A. Bozio, John G. Howard, John Baur.

HUNTINGTON PARK, Orange Co., Cal.—W. M. Bell, Douglas Bldg., was low bidder at about $120,000 for erecting new store and lodge bldg. at Huntington Park for Huntington Park Elks' Lodge. Whipple & MacDonald, Huntington Park, were next low bidders. Both bids were held under advisement until the bldg. committee could determine if low bid was for all work compl. A. H. McCulloh, Delta Bldg., L. A., architect.

PHOENIX, Ariz.—Archts. Trost and Trost, El Paso, are completing plans for the 11-story office bldg. which Geo. H. N. Luhrs will erect at sw cor. of Central Ave. and Jefferson St., Phoenix. Bids will be called for about Jan. 20. The bldg. will be 137x88 ft., 11-story, reinf. conc. frame, with brick and granite exter. The two top floors will be used up to the 3rd floor. The 3rd and 4th floors will be fitted for physicians and dentists, and the 8th to 11th floor, incl., will be arranged for the Arizona Club. The first 2 floors of the club quarters will be devoted to sleeping and living rooms, while the usual club features and recreation rooms will occupy the balance of the club's space. The roof will be constructed to carry dance floor and arrangements for outdoor entertainments. Actual const. will be started by Feb. 15, and it is planned to complete within a year. Mr. Luhrs and his sons are owners of the Commercial Hotel.

HOSPITALS

SAN JOSE, Santa Clara Co., Cal.—Until Feb. 5, 11 a. m., bids will be received by Henry A. Pfister, county clerk, for alterations and additions to the aged women's building at the Santa Clara county hospital on the Infirmary road. Plans obtainable from county clerk.

SANTA ROSA, Sonoma Co., Cal.—County Supervisors propose to levy tax of 25c per $10 assessed valuation per year for period of three years to finance construction of a new county hospital. A structure costing $250,000 is contemplated.

SAN FRANCISCO. Architect John Reid, Jr., First National Bank Bldg., has been commissioned by the Board of Public Works to prepare plant and specifications for the group of buildings to be erected for the Relief Home under the recently authorized $2,000,000 bond issue.

SAN FRANCISCO—Supervisors authorize purchase of 11 nurses' desks for San Francisco Hospital from Reid Bros., Inc., 91 Drumm St., San Francisco, at $83 each.

HOTELS

LOS ANGELES, Cal. — Archts. John Parkinson and Donald B. Parkinson, 420 Title Ins. Bldg., L. A., are preparing working plans for an 8-story class A reinf. conc. negro hotel bldg. to be erected at 23rd St. and Central Ave., L. A., for the Ruth Alberta Hotel Co. It will be 175x145 ft. and will contain 200 apts. suites and 100 single rooms The cost will be $850,000. Macdonald & Kahn, Loew State Bldg., L. A., will be the contractors.

LONG BEACH, L. A. Co., Cal.—Archt. Alex Curlett, 518 Mer. Nat. Bank Bldg., 6th and Spring Sts., L. A., has prepared preliminary plans for a $2,000,000 12-story, class A, own-your-own hotel and apt. bldg. to be erected on Ocean Ave., bet. Atlantic Ave and Lime Way, Long Beach, for the Milton Realty Co., 114 Locust Ave., Long Beach. The bldg. will be 240x100 ft. and will contain 250 apts and 100 hotel rooms. The company includes Jack Milton, O. C. Hurst, J. C. Wickham and J. E. Pamplin, formerly of Denver, Oakland and San Francisco.

PUBLIC BUILDINGS

Preliminary Plans Prepared.
MUSEUM Cost, $35,000
PACIFIC GROVE, Monterey Co., Cal. Grove and Forest Avenue.
One and two-story concrete museum.
Owner—Pacific Grove Museum, Trusteese, Dr W. H. McDougall, Member of Board of Trustees, Pacific Grove.
When preliminary plans are approved it is proposed to have the City Trustees call an election to vote bonds of $35,000 to finance construction.

PIEDMONT, Alameda Co., Cal.—Plans recently completed and providing for a comprehensive scheme for the city's future development, including the construction of a new community center around the upper portion of Piedmont park, were announced recently by members of the Piedmont Civic Association, who are behind the project.

Architects Houghton Sawyer, Albert Farr and C. W. Dickey and Lieutenant-Commander Robert E. Carney, U. S. Government engineer, collaborated in designing the work. Gregg O'Brien, working under the direction of the architects and engineer, made all the drawings, and Berthold V. Gerow, executed the model.

KELSO, Wash.—Architect W. W. Lucius, Lewis Bldg., Portland, Ore., commissioned by Cowlitz County Commissioners to prepare plans for proposed $150,000 courthouse. Architect desires to get in touch with manufacturers of steel jail cells, vault bars and metal vault fixtures.

VISALIA, Tulare Co., Cal.—County Supervisors refuse to take up option secured on 9½ acres of land in the southwest section of Visalia as a site for the proposed new county court house. Purchase failed due to protests that tax rate would be further increased

SANTA ROSA, Sonoma Co., Cal Citizens have subscribed $30,000 to purchase 30-acre site and improve same for park purposes.

RESIDENCES

Plans Being Prepared.
RESIDENCE Cost, $12,000
PEBBLE BEACH, Monterey Co., Cal.
Two-story frame and plaster residence with tile roof.
Owner—Withheld.
Architect—Miller & Warnecke, Perry Bldg., Oakland.

Completing Plans.
RESIDENCE Cost, $——
SAN FRANCISCO. Buena Vista Terrace
One and one-half-story Colonial residence (9 rooms).
Owner—Mrs. J. A. Wilcox.
Architect—Collins & Byrne, Farmers' & Merchants' Bank Bldg., Santa Cruz.
Contractor—Z. O. Field, 76 W-San Antonio St., San Jose.

Plans Being Figured.
RESIDENCE Cost, $20,000
PIEDMONT, Alameda Co., Cal., Ashmont Ave. near Mandana Blvd.
Two-story frame and stucco residence and separate garage.
Owner—Mrs. Harriet Okell.
Architect — Wm. E. Milwain, Pacific Bldg., Oakland.
Figures are being taken for a general contract except the finish hardware, oak floors, light fixtures and coal furnace.

Sketches Being Prepared.
BUNGALOWS Cost, $3000 ea.
BELMONT, San Mateo Co., Cal.
Fifteen 1-story frame bungalows.
Owner—R. N. Gibson, 454 Ellis St., S.F.
Architect — Willis Lowe, Monadnock Bldg., San Francisco.

General Figures To Be Taken Next Week.
RESIDENCE Cost, $25,000
MENLO PARK, San Mateo Co., Cal, Menlo Oaks.
Two-story and basement frame and stucco residence (10 rooms, 4 bath rooms) 2-story frame and stucco garage and servants' quarters.
Owner—Withheld.
Architect — Arthur G. Scholz, Phelan Bldg., San Francisco.
There will be a tennis court, and formal gardens, to cost approximately $15,600. Arcola heating system, hardwood interior, Cordova tile roof, etc.

Plans Being Prepared.
BUNGALOWS $3500 to $4000 ea.
UKIAH, Mendocino Co., Cal.
25 1-story frame and plaster bungalows
Owner—Building corporation headed by A. L. Wesseis, Ukiah, Calif.
Architect—Jos. Leonard, Ukiah, Calif.

Contract Awarded.
RESIDENCE Cost, $16,472
PIEDMONT, Alameda Co., Cal., Ashmont Ave. near Mandana Blvd.
Two-story frame and stucco residence and separate garage.
Owner—Mrs. Harriet Okell.
Architect — Wm. E. Milwain, Pacific Bldg., Oakland.
Contractor—Fred J. Westlund, 351 12th St., Oakland.

Contract Awarded.
DWELLING Cost, $8566
SACRAMENTO, Cal. No. 1724 Thirty-ninth Street.
Two-story 9-room frame and stucco dwelling and garage.
Owner — D. E. H. Pitts, Physicians Bldg., Sacramento.
Architect—None.
Contractor—Barton & Kopp, 619 J St., Sacramento.

SCHOOLS

LODI, San Joaquin Co., Cal. — Bids were opened on January 3rd by the Board of Trustees of the Lodi Union High School District for the construction of a two-story Science building; two-story auditorium; a 1-story Manual Training building; a swimming tank and alterations to the present buildings. Construction to be of brick, steel and concrete with pressed brick exterior. Wright, Saterlee and L. S. Stone, Bank of Italy Bldg., Stockton. Bids were taken under advisement.

General Contract
Chas. S. Mabrey, Ochsner Bldg Sacramento, (1) $216,324, (2) $150, (3)$—.
Herndon & Finnigan, 1814 17th St., Sacramento, (1) $217,820, (2) $324, (3) $200.
Shepherd & Riley, Stockton, (1) $231,206, (2 & 3) $—.
Gould & Johns, Stockton, (1) $236,464, (2) $150, (3) $150.
R. W. Moller, S. F., (1) $34,924 (error), (2) $1350, (3) $1000.
Time Clocks
Standard Elec. Time Co., S. F., ...$598
Pacific Elec. Clock Co., S. F..... 600

Plans Being Figured—Bids Close Jan. 29, 1923.
SCHOOL BLDGS. Cost, $540,000
SACRAMENTO, Sacramento Co., Cal. 34th, 35th, U and V Streets.
Eight one and two-story brick, steel, concrete and terra cotta high school buildings (classrooms, gymnasium, etc.)
Owner—City of Sacramento.
Architect—E. A. Mathews and H Simpson, Call Bldg., San Francisco.
Bids are being taken on the following segregations or for a combined bid.
No. 1 General contract.
2 Steel contract.
3 Plumbing and Sewer contract.
4 Heating & Ventilating contract
4 Electric contract.
Plans may be obtained from the Architects' office or from the High School Board.
A copy of the "Notice to Bidders" appears under Official Proposals.

General Contract Figures Wanted by Surety Company.
SCHOOL BLDG Cost, $——
SANTA ROSA, Sonoma Co., Cal. Lincoln School.
Reinforced concrete school building.
Owner—Santa Rosa Grammar School District.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
Due to the disappearance of M. C. Vaughn, Oakland contractor, who was originally awarded the contract for this project on a bid of $86,000, the National Surety Co., 160 Sansome St., San Francisco, has decided to complete the structure and are now taking general contract figures. Further information regarding the project may be obtained from Mr. F. V Weede, Superintendent of Contract Bond Department, National Surety Co.

Plans Being Figured—Bids Close Jan. 29, 1922 4:30 p. m.
ADDITION Cost, $92,000
OAKLAND, Cal., Perry and Grand Ave. (Lakeview School).
Three-story steel and brick school addition.
Owner—City of Oakland.
Architect—C. W. Dickey & John J. Donovan associated, Pacific Bldg., Oakland.
Bids are being taken on the following segregations:
(1) General contract, including excavating and grading, concreet carpenter work, interior equipment, misc. ornamental and structural iron, sheet metal, built-up roofing and painting.
(2) Brickwork.
(3) Lathing and plastering.
(4) Heating and ventilating.
(6) Electrical work.
Plans may be obtained from the architect's office, 2149 Broadway, Oakland, on a deposit of $25. **See call for bids under official proposals.**

Plans Being Prepared.
SCHOOL Cost, $40,000
DINUBA, Tulare Co., Cal.
Four-classroom and auditorium school
Owner—Windsor School District.
Architect—Ernest J. Kump Co., Rowell Bldg., Fresno.

Plans Being Prepared.
SCHOOL BLDG. Cost—
OAKLAND, 4 acres at Broadway & Clifton Streets.
Two-stnry frame and stucco school building.
Owner—California School of Arts & Crafts Inc., 2119 Allston Way, Berk.
Designer—Fred H. Meyer, 2119 Allston Way, Berkeley.
Construction on the first building will be started in about three weeks. Later additional units will be added bringing the cost of the new school in the neighborhood of $500,000.

Plans Being Prepared.
SCHOOL Cost, $10,500
HERALD, Sacramento Co., Cal.
One-story frame two-classroom primary school.
Owner—Alabama School District.
Architect—Rred S. Harrison, Peoples Bank Bldg., Sacramento
Will contain two classrooms, library, kitchen; Arcola heating system; Standard plumbing fixtures; hot water furnace; well and water system; conc. foundations.

January 4, 1923
Working Drawing Ordered Prepared.
STAIRWAYS Cost—
SACRAMENTO, Cal., Lincoln School.
New system of stairways in Lincoln School.
Owner—City of Sacramento.
Architect—Dean & Dean, City Library Building, Sacramento.

Plans Being Figured—Bids Close Jan. 22, 1923, 7:30 P. M.
ADDITION Cost, $——
SACRAMENTO, Cal. Sierra School, located at 24th and 25th Sts., Castro Way and Fourth Ave.
Four-room brick and concrete addition to school.
Owner—Sacramento Board of Education.
Architect—Dean & Dean, City Library Bldg., Sacramento.
See copy of Call for Bids under Official Proposals.

LOS ANGELES, Los Angeles Co., Cal —Harmon & Carroll, Central Bldg., Pasadena, were low bidders at $70,200 on general contract for erecting new school building at West Athens site. Edelman & Zimmerman, are the architects. Low bidders on other contracts were: W. W. Brooks on plumbing at $5480; Munger & Munger on steam heating at $4946; American Electric Construction Co. on wiring at $2923.30; and Leo H. Hubbert on painting at $2649. Building will contain 12 rooms, brick construction, 2-story, 108X146 ft., stucco exterior, clay tile roofing.

VENTURA, Ventura Co., Cal.—Davidson Const. Co., 1445 E 16th St., was awarded general contract at $55,295 for erecting a new grammar school bldg. at entura; Mott M. Marston, 535 San Fernando Bldg., archt. The contract was let on the original bid of $58,530 with deductions of $2675 for omitting one class room and $560 for omitting art stone work. Other contracts awarded were: Plumbing to Arthur Hess; electric work to Woodill-Patterson Co.; heating to Potter Radiator Corp; painting to Alhambra Wall Paper & Paint Co., and clock and bell system to International Time Recording Co. All bids for the kindergarten bldg. were rejected and the plans will be revised and the work readvertised.

RIVERSIDE, Riverside Co., Cal.—L. C. Waldman submitted low bid to city school board at $88,200 for constructing the Lincoln school at Sixth and Lime Sts. Other bids were: Claude P. Hancock, $88,200; Cresmer Mfg. Co., $85,700; Robert Spurgeon Los Angeles, $98,644; F. H. Ryerson, $101,674. W. A. Pratt, Riverside, was low bidder on plumbing at $5626. Hill & Son, Santa Ana, bid $5685 and A. M. Lines, Riverside, $5830. A. M. Lines was low bidder for heating at $5640; Hill & Son bid $5987. Plans prepared by Archt. J. Stanley Wilson, Riverside, and call for a mission style bldg. with tile roof, 2-sto., containing 11 classrooms, basement, auditorium; reinf. conc. constr. Blds taken under advisement.

ALHAMBRA, L. A. Co., Cal.—Until 7:30 p. m., Jan. 25, bids will be received by board of education of Alhambra City high school district for erecting new auditorium and class room bldg. at Alhambra high school. Hunt & Burns, 701 Laughlin Bldg., archts. Bids will be taken for all work complete in one contract and also for 12 segregated contracts. The bldg. will have a frontage of 300 ft., E-shaped with three wings, the auditorium wing being 170x115 ft., and the class room wings each being 62x120 ft., 2-story and basement, brick constr., plas. exter., comp. roofing, pine trim, maple floors, reinf. conc. stairways and corridor floors; $350,000

BERKELEY, Alameda Co., Cal. — Bates & Borland, Oakland Bank of Savings Bldg., Oakland, at $335,000, have been awarded a contract by the Regents of the University of California for Group No. 1 contract including excavating and concrete work in connection with the construction of the Memorial Stadium to be erected in Strawberry Canyon, Berkeley. Plans were prepared by a commission composed of E. E. Carpenter, Geo. F. Buckingham and John Galen Howard, University of California, Berkeley.

SACRAMENTO, Cal.—Until Jan. 15, 5 p. m., bids will be received by Chas. C. Hughes, secy. Board of Education, to lay floors in the enclosed "play spaces" of the Jefferson, Sierra, Leland Stanford, David Lubin, Bret Harte and Newton Booth schools. Floors to consist of 2-in. base of ¾ rock, rolled with 1-in. surface of Type C sheet asphalt, as per specifications of City Eng. Albert Givan.

LOS ANGELES, Cal.—Pozzo Constr. Co., 421 Macy St., L. A., was low bidder at $90,000 on the gen. contr. for erecting a new school bldg. at Humphreys Ave. school site, at Humphreys Ave. and 5th St.; Walker & Eisen, 325 Pac. Finance Bldg., L. A., archts. Low bidders on other contracts were: Horace H. Mann on the painting at $2730; Franklin & Boyce on the heating at $7731; W. W. Brooks on the plumbing at $6499; and Graham Elec. Co. on the wiring at $2939. The bldg. will contain 12 units; 2-sto., brick constr., plas. exter., tile and comp. roofing, pine trim. The bids received were: **General Contract**—Pozzo Constr. Co., $90,000; Davies Constr. Co., $95,000; Glenn O. Winget; $97,300; H. M. Baruch, $97,426; J. A. Hill Constr. Co., $98,355; Lawrence Burck Constr. Co., $98,900; H. H. Hinds, $100,000; J. D. Kneen Constr. Co., $100,900; R. H. Whinery, $101,826; Willard-Brent Co., $104,223; Hubert-Wardall Constr. Co., $105,975; C. E. Downs, $116,000; McFadden & Winkelman, $111,266; H. J. Kemper, $151,000. **Painting**—H. Hmann, $2730; R. E. Swan, $2870; L. H. Hubbert, $2914; E. A. Lindgren, $2983; Alhambra Wall Paper & Paint Co., $3500; Brown & Brown, $3646; A. Quandt & Son, $3645; D. Zelinsky, $4081; Arenz-Warren Co., $4200. **Heating** — Franklin & Boyce, $7731; F. J. Donnelly $7737; L. Z. Brown, $7737; W. W. Brooks, $8000; Geo. A. Posthumus, $8430; J. Hokom, $8436; Munger & Munger, $8878; Marshall-Lock Co., $8894; Arthur Hess, $9175; Thos. Haverty Co., $9705. **Plumbing**—W. W. Brooks, $6499; E. W. Crowell Co., $7189; Marshall-Lock Co., $7449; G. C. Sutton, $7474; J. Hokom, $7980; Arthur Hess, $8277. **Wiring** — Graham Electric Co., $2939; American Elec. Constr. Co., $3093.90.

GLENDALE, L. A. Co .,Cal.—Until 2 p. m., Jan. 23, bids will be received by trustees of Glendale union high school district for erecting new high school bldgs. at s.e. cor. of Broadway and Verdugo Rd., Glendale. John C. Austin, 1125 Baker-Ditwiller Bldg., L. A., and Geo. M. Lindsey, Glendale, assoc. archts. Bids will be taken separately on the general contract, plumbing, heating, wiring, program clocks, and painting. Cost $550,000. The main bldg. will be 2-story 225x350 ft. and will contain administration offices, auditorium and class rooms. The science bldg. will be 2-story 145x70 ft., reinf. conc. constr., plas. exter., cast stone trim, tile and comp. roofing, pine trim, steel roof trusses for auditorium, conc. balcony, plenum and direct steam heating.

BERKELEY, Alameda Co., Cal.—Bids were opened on December 29 by the Board of Education of the City of Berkeley for furnishing the necessary materials, tools and labor for the installation of heating and ventilating equipment in the Longfellow School, situated on Sacramento, California, Ward and Derby streets. Plans were prepared by Architect W. C. Hays, First National Bank Bldg., Berkeley. All bids were taken under advisement.
P. J. Enright, 2720 McAllister St., S. F. (a) $2681, (b) $265, (c) 148.
Scott Co., (a) $2696, (b) $300, (c) $170.
W. K. Nottingham, Oakland, (a) $2888, (b) $366, (c) $188.
W. Picard, Oakland, (a) $2946, (b) $368, (c) $246.
Carl T. Doell, Oakland, (a) $3047, (b) $243, (c) $176.

VACAVILLE, Solano Co., Cal.—Bids were opened on December 29, by the Board of Trustees of the Vacaville School District, for the construction of a one-story hollow tile, six-room and auditorium school building from plans prepared by architects George C. Sellon and Company, Mitau Building, Sacramento. All bids were rejected on account of unsufficient funds. Additional bonds will be voted and new bids called for. Bids were taken for a general contract with an alternate for omitting two classrooms and the manual training department.
Herndon & Finnigan, Scto..... $86,235
$73,609
H. W. Robertson, Saeramento.. 88,486
$73,486
James L. McLaughlin, S. F..... 89,000
Appleton & Davis, S. F. 90,000
$78,000
Wm. Murcell, Sacramento..... 99,870
$89,870
Holdener Constr. Co., Sacto..... 104,000
$86,150

STORES AND OFFICES

Plans Being Prepared.
STORE & OFFICE BLDG. Cost, $25,000
SAN FRANCISCO, 17th and Castro Sts.
Two-story reinforced concrete store & office building.
Owner—Samuel H. Levin.
Architect—Reid Bros., 105 Montgomery Street, S. F.
Plans will be ready for figures in about three weeks.

Ready For Figures in Two Weeks.
STORE BLDG. Cost, $45,000
BERKELEY Alameda Co., Cal. Center Street.
Two-story store, restaurant and hall building, 51x127 (ornamental terra cotta front).
Owner—Harry Enners.
Architect—Jas. W. Plachek, 2014 Shattuck Ave., Berkeley.

Contract Awarded.
STORE BLDG. Cost, $22,500
FRESNO, Fresno Co., Cal. No. 1445 Fresno Street.
Store building.
Owner—R. Gighiotti, 1363 F St., Fresno
Architect—None.
Contractor — Jos. L. Smith, McKinley Ave., Fresno

Plans Being Prepared.
OFFICE BLDG. Cost, $55,000
BERKELEY, Alameda Co., Cal. Shattuck Ave. and Addison St.
Two-story and basement reinforced concrete bank and office building with store in basement (cement exterior).
Owner—College National Bank of Berkeley.
Architect—Chas. W. McCall, Central Bank Bldg., Oakland.

Plans Being Prepared.
STORE Cost, $——
OAKLAND, Alameda Co., Cal SW 14th and Washington Sts.
Interior fixtures for store.
Owner—University Investment Co.
Lessee—L. Goldman, 788 Market St., San Francisco.
Contractor—Bernard J. Joseph, Call Bldg., San Francisco.

Plans Being Prepared.
STORE Cost, $70,000
PALO ALTO, Santa Clara Co., Cal.
Two-story and basement steel frame and brick department store and office building addition, 50x112-6.
Owner—Withheld
Architect — Henry Shermund, Hearst Bldg., San Francisco.

Plans To Be Prepared.
FIREPROOF BLDG. Cost, $100,000
OAKLAND, Alameda Co., Cal., E Broadway bet. 20th and 21st Sts.
Three or 4-story fireproof building.
Owner—R. H. Cross, Mills Bldg., S. F.
Architect—Not selected.

Plans Being Prepared.
ALTERATIONS Cost, $——
SAN FRANCISCO. N Bush St. near Montgomery St.
Alter and add to one-story brick store and office building.
Owner—Dunn-Williams Co. and Geo. Roos.
Architect—Sam Heiman, 57 Post St., San Francisco.

Contract Awarded.
EXCHANGE BLDG. Cost—
BENICIA, Solano Co., Cal.
Fireproof telephone exchange building 30 by 30 feet.
Owner—Central Commercial & Savings Bank; lessee, Pacific T & T Co.
Contractor—E. H. Warren, Vallejo.

Plans Being Figured.
OFFICE BLDG. Cost, $600,000
FRESNO, Fresno Co., Cal. NW "J" and Tuolumne Streets.
Ten-story class A office bldg. 150x75.
Owner—San Joaquin Light & Power Co.
Architect—R. L. Felchlin, Bank of Italy Bldg., Fresno.

Contract Awarded.
ADMINISTRATION BLDG. $75,000
SAN FRANCISCO, Bay St. near Powell.
Two-story frame and stucco administration building.
Owner—Simmons Co., premises.
Architect—Owners.
Contractor—Barrett & Hilp, 918 Harrison St., S. F.

Steel, Concrete and Reinforcing Steel Bids Being Taken.
STORE & OFFICE BLDGS $165,000 ea.
SAN FRANCISCO, S Market bet. 7th & 8th Streets.
Two 4-story steel frame and reinforced concrete store and office bldgs.
Owner—A. F. Rousseau, 110 Sutter St.
Architect—D. C. Coleman, 110 Sutter St.

Figures Being Taken From a Selected List of Contractors.
STORES Cost, $25,000
BERKELEY, Alameda Co., Cal. Center St. W Shattuck Ave.
One-story reinforced concrete store.
Owner—L. W. Hink.
Architect—Jas. W. Plachek, 2014 Shattuck Ave., Berkeley.

Working Drawings Being Prepared.
OFFICE BLDG. Cost, $400,000
SAN JOSE, Santa Clara Co., Cal., N First Street.
Eight-story class A office building.
Owner—Commercial Building, Inc.
Architect—Binder & Curtis, 255½ S 1st St., San Jose.
Construction will be started in about three months.

PORTLAND, Ore. — Architect Lee Thomas, U. S. National Bank Bldg., has prepared plans for a two-story and basement concrete, 50x100 annex to the present quarters of the Braly Auto Co., at 14th and Burnside Sts.

LOS ANGELES, Cal.—Lange & Bergstrom, Washington Bldg., L. A., will be the contractors for the class A store and office bldg. to be erected on 8th St. extending from Spring St. to Main St., L. A., for Central Finance Co. Walker & Eisen, 325 Pac. Finance Bldg. L. A., archts. The bldg. will be 13 stories and basement, steel frame or reinf. conc. constr. The lower three stories and upper two stories will be faced with terra cotta,, press. brick facing for intermediate stories, cost $450,000.

THEATRES

Plans Completed.
THEATRE, ETC. Cost, $60,000
LOS ANGELES, Los Angeles Co., Cal SW Western Ave. and 54th St.
One and two-story reinforced concrete store and theatre building (7 stores and 5 offices).
Owner—R. D. List, Central Bldg., Los Angeles.
Architect — Engineering Service Co., Washington Bldg., Los Angeles.

Contract Awarded.
THEATRE Cost, $——
LOS ANGELES, Cal. W Adams and Calais Sts.
One-story brick theatre & store building, 72x103 (900 seats, 6 stores).
Owner—Agnes M. Damtree.
Architect—L. L. Jones, Grosse Bldg., Los Angeles.
Contractor — A. B. Carter, Marsh-Strong Bldg., Los Angeles

EUGENE, Ore.—Architect Orlo R. W. Hossack, Portland, preparing plans for one-story concrete and brick, 50x160 ft. theatre for A. H. McDonald, est. cost $75,000; will seat 764.

Official Proposals

NOTICE TO BIDDERS

(Sacramento High School and Junior College Buildings)

Notice is hereby given that sealed bids will be received by the High School Board of the Sacramento City High School District, for the complete erection of new buildings, for, and the extensions to High School and Junior College, and in segregated or combined proposals, in accordance with drawings, specifications and "Proposal" forms on file in the Secretary and Clerk of the High School Board of the Sacramento City High School District, Room 300, City Hall, Sacramento, California, and also in the office of Edgar A. Mathews and Horace G. Simpson, Architects, Call Building, San Francisco, California.

Said buildings and extensions to be erected on property east of 34th street, between V and Y streets, situated in the City of Sacramento, State of California.

On a deposit of $75.00 with the High School Board, or the Architects, complete sets of drawings and specifications under "General Contract No.1" may be obtained by any prospective bidder; and upon an additional deposit of $25.00 upon each and every one of the following: "Steel Contract No. 2," "Plumbing and Sewer Contract No. 3," "Heating and Ventilating Contract No. 4," and "Electric Contract No. 5," complete sets of drawings and specifications may also be obtained for any or all of latter four contracts. The deposits will be returned to the bidder on the return of the plans and specifications in good condition.

Bids must be made on proposals obtained from the Secretary of the High School Board, or at the office of the Architect in San Francisco, and be signed by the bidder, accompanied by a certified check for at least ten per cent (10%) of the amount of the bid or bids, in accordance with said proposal forms, and certified to by some responsible bank or banker, and made payable to the Secretary of the High School Board of the Sacramento City High School District, said check to be forfeited to and retained by the High School District should the party or parties to whom the contract shall be awarded, fail to enter into the contract after the award, or to give bonds as required.

All bids must be filed with the Secretary of the High School Board of the Sacramento City High School District, Room 300, City Hall, Sacramento, California, **not later than 5 o'clock P. M., Monday, January 29, 1923.**

The High School Board of the Sacramento City High School District reserves the right to reject any and all bids.

HIGH SCHOOL BOARD, SACRAMENTO CITY HIGH SCHOOL DISTRICT.
Chas. C Hughes, Secretary.

BIDS WANTED FOR ADDITION TO SACRAMENTO SCHOOL

NOTICE TO CONTRACTORS

Notice is hereby given that sealed bids will be received by the Board of Education of the Sacramento City School District for the complete erection of an addition to a school building in accordance with plans and specifications on file in the office of the Secretary of the Board of Education of the Sacramento City School District, Room 300, City Hall, Sacramento, California, and also in the office of Dean & Dean, Architects, third floor of City Library Building, 9th and I Streets, Sacramento, California.

The said school building is to be erected on the property owned by the School District, at 24th and 25th Streets, Castro Way and 4th Avenue, situated in the City of Sacramento, State of California.

On a deposit of $15.00 with the Board of Education, or the Architects, complete sets of plans and specifications may be had by any prospective bidder, and retained for a period of 15 days. The deposit will be returned to the bidder on the return of the plans and specifications in good condition.

Bids must be made on proposals obtained at the office of the Architects, and be signed by the bidder, accompanied by a certified check for at least 10% of the amount of the bid or proposal, certified to by some responsible bank or banker, and made payable to the Secretary of the Board of Education of the Sacramento City School District, said check to be forfeited to and retained by the School District, should the party or parties to whom the contract shall be awarded fail to enter into the contract after the award, or to give bonds as required. Bids must be plainly marked on the exterior "Proposal for Addition to Sierra School Building."

All bids must be filed with the Secretary of the Board of Education of the Sacramento City School District, Room 300, City Hall, Sacramento, California, **not later than 7:30 o'clock P. M., Monday, January 22nd, 1923.**

The Board of Education of the Sacramento City School District reserves the right to reject any and all bids.

BOARD OF EDUCATION., SACRAMENTO CITY SCHOOL DISTRICT,
Chas. C Hughes, Secretary.

> A call for bids published in this section indicates that bids are desired from other than local bidders Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.
>
> **Rate: 10 cents per line, per insertion.**
>
> All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

BIDS WANTED FOR STATE HIGHWAY IMPROVEMENT

STATE OF CALIFORNIA

DEPARTMENT OF PUBLIC WORKS

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the California Highway Commission, 515 Forum Building, Sacramento, Cal., until **2 o'clock P. M., on January 29, 1923,** at which time they will be publicly opened and read for construction in accordance with the specifications therefor to which special reference is made, portions of State Highway as follows:

Nevada County, between Nevada City and Little Deer Creek (III-Nev-15-C), about eleven and eight-tenths (11.8) miles in length, to be graded.

Plans may be seen and forms of proposal bonds, contracts and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineers' offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal for full directions as to bidding, quantities of work to be done, etc.

The Department of Public Works, acting by and through the California Highway Commission, reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

NEWELL D. DARLINGTON,
CHARLES A. WILTMORE,
GEO. C. MANSFIELD,
California Highway Commission.
AUSTIN B. FLETCHER,
State Highway Engineer.
R. A. MURRAY, Secretary.

Dated January 2, 1923.

QUANTITY SURVEYOR
and Valuation Engineer
Buildings and Engineering Works
ARTHUR PRIDDLE
693 Mission Street, at Third St.
San Francisco, Calif.
Telephone Douglas 8-4-9-3

NOTICE TO CONTRACTORS

(Lakeview School — 3-story Steel and Brick School Addition)

Office of the Secretary of the Board of Education of the city of Oakland.

Sealed bids will be received by the Board of Education of the City of Oakland, City Hall, Oakland, California, until the **29th day of January, 1923 at 4:30 o'clock p. m., at which** time said bids will be opened, for the erection and completion of Additions to the Lakeview School of the Oakland School District and Oakland High School District, located on the block bounded by Grand Avenue, Santa Clara Avenue, Van Buren Avenue, and Perry Street, Oakland, California.

Separate bids will be received for:

Separate bids will be received for:

1. GENERAL WORK, including Excavating and Grading, Concrete, Carpenter work, Interior Equipment, Miscellaneous Ornamental and Structural Iron, Sheet Metal, Built-up Roofing, and Painting work.
2. BRICKWORK.
3. LATHING and PLASTERING.
4. PLUMBING.
5. HEATING and VENTILATING.
6. ELECTRIC WORK.

Plans and specifications for said work are on file at the office of the Architect for the Board of Education, 2149 Broadway, Oakland, California.

On a deposit of Twenty-five ($25) Dollars, said plans and specifications may be ha dby any prospective bidder for one of the branches of the work above listed. These plans and specifications may be retained as follows:

1. General work, ten (10) days.
2. Brickwork, five (5) days.
3. Lathing and plastering, five (5) days.
4. Plumbing work, five (5) days.
5. Heating and Ventilating, five (5) days.
6. Electric work, five (5) days.

If the plans and specifications are not returned to the Architect within the time above specified, or are returend in a mutilated or damaged condition, the deposit will be forfeited and will be immediately used for the purchase of a new set of blue prints and specifications.

Bids must be made on proposals obtained at the office of the Architect, and be signed by the bidder, accompanied by a certified check, certified to by some responsible bank or banker, and made payable to J. W. Edgemond, Secretary of the Board of Education, to be retained by the said School Districts as agreed and liquidated damages should the party or parties to whom

the contract should be awarded fail to enter into the contract after the award or to give bonds required for the faithful performance of the contract, or any bond required by law. The amount of said check shall not exceed Five Thousand ($5,000) Dollars, but for all bids of less than Fifty Thousand ($50,000) Dollars, said check shall be for at least ten (10%) of the amount of the bid. Each bid shall be accompanied by an affidavit executed on a form that can be obtained from the Architect.

Bids will be opened by the Board of said Districts on the 29th day of January, 1923, at 4:30 o'clock p. m., in the Board Room, 211 Second Floor of said City Hall, in said City of Oakland. The Board reserves the right to reject any and all bids of any or all items of such bids.

J. W. EDGEMOND,
Secretary of the Board of Education of Oakland, California.

BIDS WANTED FOR STATE HIGHWAY IMPROVEMENT

STATE OF CALIFORNIA

DEPARTMENT OF PUBLIC WORKS

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the California Highway Commission, 515 Forum Building, Sacramento, Cal., until **2 o'clock P. M., on January 15, 1923,** at which time they will be publicly opened and read for construction in accordance with the specifications therefor to which special reference is made, portions of State Highway as follows:

Humboldt County, between Fortuna and Loleta (I-Hum-1-G), about four and two-tenths (4.2) miles in length, to be graded.

Santa Clara County, between 5 miles east of Gilroy and San Felipe (IV-SCl-32-A), about four and five-tenths (4.5) miles in length, to be graded and surfaced with gravel.

Plans may be seen and forms of proposal, bonds, contracts and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineers' offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal for full directions as to bidding, quantities of work to be done, etc.

The Department of Public Works, acting by and through the California **Highway Commission, reservee the right to reject any or all bids or to accept the bid deemed for the best interest of the State.**

NEWELL D. DARLINGTON,
CHARLES A. WHITMORE,
GEO. C. MANSFIELD,
California Highway Commission.
AUSTIN B. FLETCHER,
State Highway Engineer.
R. A. MURRAY, Secretary.
Dated December 18, 1922.

NOTICE TO BIDDERS

(Alameda Health Center)

NOTICE IS HEREBY GIVEN that the Council of the City of Alameda will receive sealed proposals or bids **on Tuesday, January 16, 1923, up to the hour of 8 o'clock P. M.,** for the construction of the Alameda city health center building to be located on the south side of Santa Clara avenue between Oak and Walnut streets in said city. The bids are to be filed with the city clerk and will be publicly opened and declared on said day and hour in the council chamber of the city hall of said city. Plans and specifications for the proposed building may be obtained in the office of Mr. Carl Werner, Architect, Santa Fe Bldg., San Francisco, and the bids are to be submitted on forms furnished by said architect.

All bids must be accompanied by a certified check or bond in an amount not less than 10% of the aggregate of the bid, conditional that the bidder will enter into a contract with said city in case the same should be awarded to him.

The council reserves the right to reject any and all bids.

By order of the City Council.
W. E. VARCOE,
City Cltrk.
Dated, December 19, 1922.

NOTICE TO CONTRACTORS

(Clarksburg Union Grammar School District)

Notice is hereby given that sealed bids will be received and opened by the Board of Trustees of the Clarksburg Union Grammar School District, Yolo County, State of California, in the present Grammar School Building in Clarksburg, at **two P. M., of January 12, 1923,** for the erection and completion of a Grammar School Building to be erected in the town of Clarksburg, State of California, according to plans and specifications prepared for the same by W H. Weeks, Architect.

Bids will be received on the General Construction with its Alternate proposals, together with separate bids on the Heating and Ventilating.

Plans and specifications may be seen at the office of W. H. Weeks, Architect, 369 Pine Street, San Francisco, California, or at the residence of G. O. Fraser, President of the Board of Trustees at Clarksburg.

All bids should be presented on bid forms furnished by the Architect.

Each bid must be accompanied by a certified check on some responsible bank in the sum of not less than five per cent (5%) of the amount bid, made payable to Mrs. Mable Heringer, Clerk of the Board of Trustees of the Clarksburg Union Grammar School District, for the purposes stated in the specification.

Each bid must be enclosed in a sealed envelope and addressed to Mrs. Mabel Heringer, Clerk of the Board of Trustees and endorsed: "Proposal for Grammar School Building."

The Board reserves the right to reject any and all bids.

Bids must be delivered to the undersigned Clerk of the Board of Trustees in the City of Clarksburg, at the time and place of meeting above stated, or any time up to the hour of opening of bids.

MRS. MABEL HERINGER,
Clerk of the Board of Trustees of the Clarksburg Union Grammar School District, Clarksburg, California.

BIDS WANTED FOR PAINTING

NOTICE

TREASURY DEPARTMENT, Supervising Architect's Office, Washington, D. C., December 16, 1922.

SEALED PROPOSALS will be opened in this office at 3 p. m., January 11, 1923, for painting, plastering, at the U. S. Post Office, Portland, Oregon, in accordance with the specification, copies of which may be had at this office or at the office of the Custodian, in the discretion of the Supervising Architect, Jas. A. Wetmore, Acting Supervising Architect.

NOTICE OF RECEIVING BIDS FOR PURCHASE OF ROAD GRADER

WILLOWS, Calif, Dec. 19, 1922.

NOTICE IS HEREBY GIVEN that sealed bids will be received by the board of supervisors of Glenn county, California, at the office of the county clerk, until **ten o'clock a. m., Tuesday, January 9th, 1923, for** sale to Road District No. 3, of one "Gallon Premier Grader" with ten-inch blade and dust proof wheel box; machine to weigh not less than 5400 lbs.—goose neck to be fitted with a recoil spring—machine to be fitted with steerable engine hitch. The Board reserves the right to reject any or all bids.

WITNESS my hand and the seal of the Board of Supervisors of Glenn County, California, affixed this 19th day of December, 1922.

(Seal) W. H. SALE, Clerk.

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Engineering News Section

BRIDGES, DAMS & HARBOR WORK

REDWOOD CITY, San Mateo Co., Cal.—The Dumbarton Bridge Assn has been formed here for the purpose of bridging lower San Francisco Bay for vehicular traffic at Dumbarton Straits. The structure will be financed by private capital at an estimated cost of $1,212,000. The proposed tolls range from 20 cents for passenger machines up to 50 cents for commercial trucks. The tentative route is from a point on the Middlefield road at the city limits of Redwood to the Bay. It will be concrete and steel with bascule type of draw in the channel. The bridge will connect with the highway leading into Newark, Alameda county. Leaders in the association are: Frank K. Towne, president; R. H. K. Smith, secretary; John MacRain, chairman of Board of Directors and seventeen directors representing seventeen towns in San Francisco, Santa Clara, San Mateo and Alameda counties.

PRESCOTT, Ariz.—Monarch Engineering Co submits low bid to state highway dept. at $15,440 for const. bridge across the Rio Puerco near Sanders on the Holmrook-Lupton sector of the Old Trails highway. Other bids were: Daniels & Kennedy, $15,505; K. O. Wetzel Co., $15,773.75; Midland Bridge Co., $17,680. The structure consists of two 75-ft. pony truss spans and 3 reinf. concr. piers. The work involves 450 cu. yds. excav., 160 cu. yds concr., 6500 lbs. reinf. steel, steel superstructure in place, wood floor and approaches.

SAN JOSE, Santa Clara Co., Cal.—County Surv. I. J. Ryder preparing spec. for bridge over Guadalup creek, another over Campbell creek and a third over Stevens creek on the Mountain View road.

LONG BEACH, Cal.—City council will call for bids at once to construct a new bridge on the West Anaheim Rd., at Gaspar. The bridge will connect the road between Long Beach and Los Angeles harbor. H. C. Waughop is city clerk.

VALLEJO, Solano Co., Cal.—See item under streets and roads, Vallejo-Sears Point highway

SAN DIEGO, Cal.—United Dredging Co., Central Bldg., Los Angeles, awarded contr. by city council for dredging and other work in connection with preliminary work on first unit of mole type pier No. 2, involving 305,000 cu. yds. dredging at 29.5c yd., 12,000 tons rock fill at $2.70 yd., construction of curtain walls, etc., $87,525. The bid of this company, submitted to the U. S Govt. for dredging in San Diego bay, at 39.44c yd. has been recommended for acceptance.

LOS ANGELES, Cal.—F. W. McRea, 5705 Kendall Ave., Los Angeles, submitted low bid to supervisors at $12,180 for const. 2-arch reinf. concr. bridge on state highway over the Santa Monica canyon storm drain. Other bids were: The Wheeler Co., $12,980; W. M. Ledbetter & Co., $14,441; Mercereau Bridge & Constr. Co., $15,533; Frank H. Greene, $15,700; A H. deWaard, $16,989.

REDWOOD CITY, San Mateo Co., Cal.—A. Mattson, Colma, at $26,300 awarded cont. by supervisors to construct combination road levee and bridge over Bean Hollow C B. Cowden only other bidder.

IRRIGATION PROJECTS

KLAMATH FALLS, Ore.—Improvements to be undertaken under the $700,000 allowed on the Klamath project for 1923 are announced. The appropriation will cover the estimated cost of the year's operation and maintenance, continuance of construction and other operations of an incidental nature. Estimate is made for the const. of a storage dam for the Horsefly reservoir to cost $275,000. Will have capacity of 90,000 ac. ft. and will furnish a stored water supply for 14,000 ac. of agricultural land in the Langell Valley. Land in the bed of Tule Lake will be reclaimed. Tule Lake covers about 100,000 acres and has no visible outlet. The uncovering of the lake bed is to be brought about by evaporation and prevention of inflow. It is estimated that approximately 25,000 ac. can be reclaimed from the Tule Lake. In the Langell Valley division $20,000 is requested to complete the lateral system on Clear Lake, part of that division which is now under construction; $4,000 is requested for quarters for employes, and $10,000 for the const. of telephone lines On the main division $5,000 is requested for replacing the Lost Fiver flume and $10,000 for replacing the Poe Valley flume. For miscellaneous lateral extensions to provide irrigation service for lands which have been forced into the Klamath Irrigation District, $5,000 is estimated. Lateral extension in the Tule Lake district will cost about $100,000. Approximately $60,000 will be needed for the regular operation work on the project canals and laterals.

TERRA BELLA, Tulare Co., Cal.—Montague Pipe & Steel Co., Hobart Bldg., San Francisco, at $5,400 awarded cont. by Terra Bella Irrigation District to fur. f. o b. Ultra, Cal., rivited steel water pipe, of the following sizes: 700 ft. 4-in., 6700 ft. 6-in., 700 ft. 7-in., and 2700 ft. 8-in. Other bidders were: Pacific Pipe Co., S. F., $5,400; Western Pipe & Steel So., S. F., $5,725; Lacy Mfg. Co., Los Angeles, $5,966; Baker Iron Works, Los Angeles, $5,975; Pacific Tank & Pipe Co., S. F. (irregular bid) $7,197. No bids rec. by district for laying and ditching pipe.

LIGHTING SYSTEMS

LOS ANGELES, Cal.—City council has adopted ordinance ordering installation of lighting posts and appliances in N. Main St., betw. Eastlake Ave. and Daly St.

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SELMA, Fresno Co., Cal.—City trustees plan installation of electroliers in business section.

ALHAMBRA, Cal.—Until 8 p. m., Jan. 15, bids will be received by city commission to const. ornam. lighting system complete in Garfield Ave., betw. Hellman Ave. and 210 ft. north of Ramona Blvd. and a portion of Ramona Blvd. 1911 Act. R. B. Wallace, city eng.

LOS ANGELES, Cal. — Proceedings are under way for an ornam. lighting system for Hollywood Blvd., bet. Vine St. to Sanborn Junction. The standards are to be of cast iron, Grecian pattern, with two form 18 Novalux lantern lighting units, with 600 c. p. lamps The lanterns will be of alabastar rippled glass. The lights were designed by the General Electric Co. The municipal art comm. has approved the design.

REDLANDS, Cal.—City trustees declare intention to const. ornamental lighting system complete in the following streets:

Brookside Ave., bet. Center and Third Sts., involv. 32 posts, complete.

Grant St., bet. West Fern Ave. and Home Pl., involv. eight posts complete

Eureka St., bet. Brookside and Cypress Aves., involv. 52 posts, complete.

Work will be done under the 1911 Act. C. P. Hook, city clerk.

SANTA BARBARA, Cal.—City council approves plans for street lighting at Anacapa and Pedregosa Sts., in the Riveira dist.

MACHINERY

TACOMA, Wash.—Until Jan. 22, bids will be received by Commissioner of Light and Water for fur. high tension metering equipment for Camp Lewis line.

SEATTLE, Wash. — Pacific States Electric Co., awarded contract by Board of Public Works for fur. 10 mi. of No. 10 BB and 10 mi. of No. 1 2BB weatherproof wire, for $11.25 cwt. for 10 and $12.55 No. 12. Baker-Joslyn Co., at $21.15 per cwt. awarded contract for 2 mi. No. 8 copper wire.

ABERDEEN, Wash.—Until Jan. 17, 5 p. m., bids will be received by city clerk for fur. 5880 lin. ft. 16-in., 1320 lin. ft. 14-in., 3120 lin. ft. 12-in., 350 lin. ft. 8-in., 1000 lin. ft. 6-in., 300 lin. ft. 4-in., and 1000 lin. ft. 2-in. Class B c. i. pipe; 1440 lin. ft. Class B universal c. i. 12-in. pipe; 660 lin. ft. Class C universal c. i. 12-in. pipe and 120 lin. ft. Class C flanged c. i. 12-in. pipe. Cert. check 2% required with each bid.

EXETER, Tulare Co., Cal.—City Trustees appropriate $3,000 to drill well for additional water supply.

SANTA CRUZ, Santa Cruz Co., Cal.—Allan Horton has been appointed county purchasing agent by the supervisors.

MARTINEZ, Contra Costa Co., Cal.—Supervisors have appointed J. T. Belshaw county purchasing agent.

NAPA, Napa Co., Cal.—W. H. Gordon has been appointed by the city council as engineer at the municipal water plant.

LOS ANGELES, Cal.—Until 3 P. M., Jan. 9, bids will be rec. by public service comm., 207 S. Broadway, for 21 6-in. wrought iron pipe galv. iron 90 degree elbows. Spec. P-299-312. Jas. P. Vroman, Secy.

RAILROADS

CALEXICO, Imperial Co., Cal.—Engineers of the Mexican National Railway are making surveys for a railroad from Mexicali to the tidewater at Port Lobamba, requiring about 125 mi. of track. The line will operate through the heart of acreage under negotiation for Japanese colonization.

EUREKA Montana — Brock-Scanlon Lumber Co. will construct six miles of railroad and overhaul machinery at its plant here when weather conditions will permit

SAN FRANCISCO. — Board of Public Works awards (informal) contract to Edgewater Steel Co., Hobart Bldg., San Francisco for fur 200 rolled steel car wheels at $36 each c. i. f. San Francisco for municipal Ry. system.

LOS ANGELES, Cal.—The Santa Fe Railroad will double track its line bet. Alburquerque and Los Angeles with the exception of 200 miles. I. L. Hibbard, general manager of the Pacific Coast system announces The 200 miles consists of mountain grades and cuts, which would involve disproportionate expenditures. The company has authorized the double-tracking of 138 miles of line. to be begun immediately.

JUNEAU, Alaska—Siems and Carlson, L. C. Smith Bldg., Seattle, have contract to const. railroad up the Salmon River Valley from the Hyder harbor to the international boundary line, approx 13 miles. Road will be financed by Chas. F. Caldwell and associates, who have organized the Portland Canal Railroad and Terminal Co., which company plans to extend the road to the north end of the Salmon Basin.

SAN FRANCISCO.—Until Jan. 15, 3 p. m., bids will be received by J. S. Dunnigan, clerk, Board of Supervisors, Room 235 City Hall, for fur. 250 rolled steel car wheels for Municipal railway system. Spec will be furnished on application.

LOS ANGELES, Cal.—The engineering department of the Union Pacific Railway Co. is surveying the industrial tract near Belvedere Gardens and expects to call for bids for grading on Jan. 10, at which time it is expected to have plans and quantities completed. The estimated cost of the work is about $100,000

FIRE EQUIPMENT

SEATTLE, Wash.—Stutz Fire Engine Co., at $155,803 submits lowest regular bid of Bd of Pub. Works for fur. 17 pieces of fire apparatus. Seagrave Fire Apparatus Co. bid $152,070 on an alternate proposition and $156,790 on original specifications. An appropriation of $180,000 has been made for the equipment which consists of eight 800-gallon pumping engines, four 1000-gallon pumping engines, and five hook-and-ladder service trucks.

PETALUMA Sonoma Co., Cal.—City counsel will call election to vote bonds of $50,000 to purchase equipment and erect fire house.

SEWERS, STREET WORK, ROADS & WATER SYSTEMS

CARSON CITY, Nevada — Wasatch Grading Co., Provo, Utah., at $61,616.18 awarded cont by State Highway Comm. to const. highway in Clark county, from 2 mi. SW of Dry Lake to Crystal 8.20 mi. in length, involv. 37,000 cu yds unclass excav., 3539 yds. sta overhaul, 8.20 mi prepare subgrade and shoulders, 11,100 cu. yds. load and screen gravel, 37,360 yd. mi haul gravel. 11,100 cu. yds. spread gravel; 135 cu yds class "B" conc., 558 lin. ft 15-in., 438 lin ft. 18-in., 196 lin. ft. 24-in. and 28 lin. ft. 30-in corru. metal pipe, complete in place; 30 mounuments. Western Eng & Constr. Co., Salt Lake City, Utah, bid $61,-105.28.

Kroft & Bundy, Ogden, Utah, at $52,-576.40 awarded cont. for unit in Lincoln county, from Pony Springs to Dutch John, 9.56 mi. in length, involv. 36,200 cu. yds. unclass excav.; 7.86 mi. prepare subgrade and shoulders; 6100 cu. yds. load and screen gravel; 24,400 yd. mi. haul gravel; 6100 cu. yds. spread gravel; 65 cu. yds. Class "A" and 90 cu. yds. Class "B" conc.; 420 lin. ft. 15-in., 966 lin ft. 18-in., and 298 lin. ft. 24-in. corru. metal pipe, complete in place; 12 monuments; 2 sign posts. Wasatch Grading Co., bid, $59,209.

Dodge Bros., and Dudley, Fallon, Nevada, at $21,992.50 awarded unit in Churchill county, from east city limits of Fallon to 4.99 mi. south thereof; involv. 22,000 cu. yds. unclass. excav; 315 cu. yds. Class "A" and 16 cu. yds. Class "B" conc.; 76 lin. ft., 15-in., 76 lin. ft. 18-in., 52 lin. ft 24-in., and 66 lin. ft. 30-in. corru. metal pipe, complete in place; 18 monuments, 2 sign posts. State will furnish sand and gravel for conc. in stock piles at Fallon. Hillman & Miller, Reno, bid $35,-235; J. N. Telford, Fallon, $26,276.50; Alston, Hoggan & Palferyman, Salt Lake City, $41,586; Nevada Contracting Co., Fallon, $33,471.

LONG BEACH, Cal.—S. M. Kearns, 1034 Vine St., Long Beach, awarded contract by council at $15,985 for const. pumping station to care for the sewage in the bath house dist.

OAKLAND, Cal.—City Council, E. K. Sturgis, clerk, declares intention to const. cem. walks in portions of E-12th St., bet. 14th Ave. and Foothill Blvd. 1911 Act. Protests Jan. 18. W. W. Harmon, city eng.

CALIFORNIA — Following contracts awarded by State Highway Commission:

V. R. Dennis Construction Co., Mc-Minnville, Ore., at $158,645 8.51 miles in Siskipou county, bet. Grenada and Yreka, paved with asph. macadam.

Geo. H. Oswald, Los Angeles, $143,055 9.36 mi. in Imperial county bet. New County Well and Old County Well at Plank road, Grading "A", asph. conc. pavement.

OAKLAND, Cal.—Until Jan. 11, 12 m., bids will be received by E. K. Sturgis, city clerk, to const. cem. walks 6-ft. wide in portions of Grove St. 1911 Act. Cert. check 10% payable to city requidel. W. W. Harmon, City Eng.

LOS ANGELES, Cal.—Baker & Kinsman, 739 H. W. Hellman Bldg., submitted low bid to board of public works, for improving Lyman Pl., bet. Leavitt St. and Fountai nAve., involv. 6049 sq. ft. grading at 8c sq. ft., 6049 sq. ft. oiling and rolling at 7c sq. ft., 721 ft. curb at 65c ft., 3177 sq. ft. walk at 21c ft., 1567 sq. ft. gutter at 31c ft.

OAKLAND, Cal.—Bates and Borland, Bank of Savings Bldg. Oakland, awarded contract by council to improve Porter St., bet. 39th Ave. and Fremont Tract; grading, $.06; conc. curb, $.70; conc. gutter, $.25; oil macadam pave, $.115; cem. walks, $.17.

PORTLAND, Ore.—City Commissioners have agreed to accept offer of City Motor Trucking Co. to furnish sand, gravel and crushed rock to municipal paving plant for the next 12 months for $100,483.

SANTA ANA, Cal.—B. R. Ford, 407 W 17th St., Santa Ana, submitted low bid to city council at (1) $100,078.48 using conc. pipe and at (2) $126,129.64 using vitrified pipe, for constructing outfall sewer, involv. 11,714 ft. 30-in. sewer, 6338 ft. 24-in., 2022 ft. 22-in., 12,140 ft. 20-in., and 2640 ft. 18-in., and 2620 ft. 12-in., and 50 manholes. Contract will probably be awarded at next meeting Jan. 2. The type has not been selected. Other bids were: Henry Teget (1) $111,-147.52, (2) no bid; Joe Chutuk (1) $123,-786, (2) $132,219.20; Shepard & Weber, (1) $126,396.50, (2) $139,178.10; Pernel Barnett (1) $130,509.20, (2) $141,328.42; C. E. Green (1) $135,074.98, (2) $135,-074.98; T. W. Oglesby (1) $139,388.58, (2) no bid; Security Bridge Co. (1) $154,520.90, (2) $150,351.68.

COMPTON, Cal.—City Council planning to secure a city water system as a resolution to acquire a system was recently adopted.

ARCATA, Humboldt Co., Cal.—Mercer-Fraser Co., Eureka, at $84,085.50 awarded contract by city trustees to pave approx. 35 blocks of streets, involving 7625 lin. ft. conc. curb; 11,530 sq. ft. conc. gutter; 308,070 sq. ft. asph. conc., 2-course 5-in. pavement; 104 lin. ft. 5½ in. by 20 in. corru. iron and conc crosswalks; 808 lin. ft. 5½-in. by 20-in. corru. iron and conc. culverts; 66½ lin. ft. 7½-in. by 30-in. corru. iron and conc. culvert; 1 7x21-in. conc. inlet with tile connection to existing drain; 195 lin. ft. 6x6-ft. conc. culvert.

MODESTO, Stanislaus Co., Cal.—Standard Paving Co., 9th and N Sts., Modesto, awarded cont. by council to imp. 16th St., bet. I and Burney; grading, $.05 sq. ft.; 2½-in. asph. conc. base with 1½-in. Warrenite-Bit. surface pavement, $.17 sq ft.; conc. gutter, $.20 sq. ft.; conc. curb, $.70 lin. ft.; headers, $.10 lin. ft.

INGLEWOOD, Cal.—City Trustees declare intention to const. storm water drain consisting of reinf. concr. pipe line 60-in. dia. with intake structure and concr bulkhead, in Manor Dr., bet. Damask Ave. and 191 ft. east of Eucalyptus Ave.; also an open concr. flume with guard rail and wooden bridges along southeast sode of Manor Dr., bet. 555 ft. NE of Laurel St. and 36 ft. SE of Glenway Dr.; 1911 Act and 1915 bond imp. act. Arthur Cory, City Eng.

LONG BEACH, Cal.—Fairchild-Gilmore-Wilton Co., L. A. Ry. Bldg., Los Angeles, submitted low bid to City Council for imp. Lime Ave., betw. 17th and Hill Sts, at 23.9c sq. ft. 6-in. cem. concr. paving and 55c ft. cem. concr. curbs. C. H. White bid 26c paving and 50c curb.

SACRAMENTO, Cal.—Clyde Seavey, city mgr., announces provision will he made in 1923 budget for expenditure of $69,000 for street maintenance and $29,000 for new improvements. Albert Givan, city. eng.

SACRAMENTO, Cal. — T. M. Burns, 2207 N St., Sacramento, awarded cont. by council to improve alley bet. J, K, 17th and 18th Sts., by const. conc. curb wall and catchbasins and connecting same to sewer with 6-in. vit. pipe; remove trees; grade and pave with 5in.-hyd conc.

ORANGE, Cal.—It has been definitely determined that Orange will run its main line sewer (portion of the new inter-city outfall system) from Orange to join the main line of the Anaheim sewer to the treatment plant at the point where the P. E. Ry. tracks cross the Garden Grove road east of Garden Grove. The line is estimated to cost $55,000.

SAN FRANCISCO.—City Eng. M. M. O'Shaughnessy completes spec. to improve Alameda St., bet. Mariposa and 18th Sts., est. cost $9000. Project involv. 1330 cu. yds. cut; 380 lin. ft. 8-in. pipe sewer; 17 8-in. wye branches; 600 lin. ft. conc. curb; 2 br. manholes; 20,000 sq. ft. asph. conc. pavement.

LOS ANGELES, Cal.—C. W. Shafer, 222 W 23rd St. awarded contr. by board of public works at $40,507 to pave n ½ of Jefferson St., bet. Western and Second Aves., involv. 143,002 sq. ft. grading at 2c ft.; 143,002 sq. ft. conc. paving at 25.7c ft.; 26.64 ft. curb at 70c ft.; 585 ft. house sewers at $1.50 ft. Engrs. est. $39,800.62. Other bids were: Geo. H. Oswald, $42,422.56; W. D. McCray, $42,-878.91; Wm. Liddington, $43,080.41; Fairchild - Gilmore - Wilton Co., $46,-658.12; Geo. R. Curtis, $46,804.37.

PRESCOTT, Ariz. — Daniels & Kennedy were awarded contract by state highway dept. at $19,481.05 for constr. several small drainage structures on the Prescott-Ashfork highway.

SAN LEANDRO, Alameda Co., Cal.—M. A. Lopez, 362 Joaquin St., San Leandro, awarded cont. by Sity Trustees to const. imp. Lewis Ave., bet. Hollywood Blvd., and South boundary of "Hollywood"; grading, $.03 sq. ft.; oil surface macadam pave, $.14 sq. ft.; conc. curbs, $.70 lin. ft.; cem. walks, $.14 sq. ft.

Lopez awarded cont at $.16 sq. ft. to const. cem. walks in portions of Maud Ave. and Castro St.

LOS ANGELES.—Chas. T. Salata, 5161 E 6th St., awarded contract by board of public works at $1652 to improve Lorena St., bet. 137 ft. s.w. of first alley s.w. from Whittier Blvd. and Atlantic St., involv. 22 ft. curb at 70c ft., 6545 sq. ft. walk at 25c ft.

Baker & Kinsman, 739 H. W. Hellman Bldg., awarded contr. at $2527 to improve Lyman Pl., bet. Leavitt St. and Fountain Ave., involv. 6049 sq. ft. rough grading at 8c ft., 6049 sq. ft. finish grading, oiling and rolling, 721 ft. curb at 65c ft., 3177 sq. ft. walk at 21c ft., 1567 sq. ft. gutter at 31c ft.

California Paving Co., 1627 Cherry St. awarded contract at $1068 to construct 3054 sq. ft. conc. gutter in Windsor Blvd., bet. 288 ft. n. of Country Club Dr. to 734 ft. south at 35c sq. ft.

Chas. T. Salata, 5161 E 6th St., awarded contract at $7942 to imp. Twining St. bet. Pueblo Ave. and 251 ft. s.w. from Castalia St., involv. 17,113 sq. ft. grading to finished subgrade at 9c ft.; 17,113 sq. ft. conc. paving at 24c ft.; 3705 sq. ft. rough grading at 5c ft.; 3705 sq. ft. finish grading, oiling and rolling at 7c ft.; 1931 ft. curb at 70c ft.; 1420 sq. ft. walk at 22c ft.; 574 sq. ft. conc. gutter at 32c ft.

SANTA ANA, Cal.—The city council has returned all bids except two lowest, those of B. R. Ford, Santa Ana, and Herman Teget, Ontario, submitted for const. new outfall sewer line. These bids taken under advisement.

OAKLAND, Cal.—Until Jan. 11, 12 M., bids will be rec. by E. K. Sturgis, City Clerk, to imp. following streets under 1911 Act:

E-16th St., bet. 37th Ave. and Lot 2 Liese Tract: grading, conc. curbs, gutters and walks; oil macadam pavement; corru. iron and conc. culvert.

Beverly Ave., bet. Virginia Ave. and Lot 28, Blk. B, High St. Villa Tract; grading; conc. curbs, gutters and walks; oil macadam pavement; storm water drain.

Valley St., bet 21st and 24th Sts., conc. curbs, gutters; br. manhole; 2 conc. catchbasins; 2 vit. pipe conduits, 10-in.

Portions of "68th Avenue Acres" by const. 8-in. vit. sewers; 9 br. manholes; 12 vit. pipe lampholes; vit. pipe drop connections and wye branches.

Portions of 38th Ave. and Kanning St., grading; conc. curbs and gutters; oil macadam pavement.

Alcatraz Ave., bet. Essex St., 74-ft. easterly; 6-in. vit. sewers; vit. pipe lampholes and wye branches.

Beverly Ave., from Virginia Ave., 555 ft. northeast; 8-in. vit. pipe sewers; br. manhole; vit. pipe lampholes and wye branches. W. W. Harmon, City Eng.

FRESNO, Fresno Co., Cal.—Thompson Bros., G and Divisadero Sts., Fresno, awarded cont. by council to imp. M St., bet. M and San Pablo and San Pablo bet. M and Divisadero; grading, $.058 sq. ft.; 4-in. asph. conc. cabe with 1½-in. Warrenite-Bit. surface pavement, $.219 sq. ft.; conc. gutter, $.35 s. ft.; conc. walks, $.225 sq. ft.; conc. curb, $.65 lin ft.; 12-in. culv., $5.50 lin. ft.

Thompson Bros., awarded cont. to grade, $.01 sq. ft. and pave with 6-in. conc. $.25 sq. ft., the alley in Block 48, bet. Fresno and Merced Sts.

SANTA BARBARA, Cal.—City water dept. has outlined new projects to be started shortly, involv. 23,000 ft. water mains varying from 6 to 16-in. piping. Districts to be improved by additional service are: Anapamu bet. Milpas and Santa Barbara Sts., 1100 ft. of 16-in. pipe and 2000 ft. of 12-in.; Micheltorena from San Andreas to Gillespie, 1100 ft. 8-in. pipe; Arrelaga St., Bath to Castillo, 450 ft. of 8-in. pipe; Carrillo St., Santa Barbara to Canal, 1600 ft. of 6-in. pipe; Ortega St., Chapala to San Andres, 2600 ft. of 6-in. pipe; Elizabeth St., Montecito to Venturas, 500 ft. of 4-in. pipe; Mountain Dr., trunk line from Sheffield reservoir line, 1200 ft. of 8-in. pipe and 600 ft. of 16-in. pipe; Tremonte Rd., Mountain Dr. to Mission Ridge Rd., 2500 ft. of 12-in. pipe; Mission Ridge Rd. 3400 ft. of 8-in. pipe; Gutierrez St. and Cliff Dr., Chapala St. to west line of old city limits, 6000 ft. of 12-in. pipe. Actual work of laying the mains will begin soon and all projects will probably be completed early in 1923.

SACRAMENTO, Cal.—Until Jan. 11, 9 p. m., bids will be received by H. G. Denton, city clerk, to improve alley bet. K, L, 4th and 5th Sts., by const. 10-in. vit. sewer with 6-in. vit. wyes; extend 6-in. vit. services to prop. line; conc. manhole; reconst. catchbasin; remove manholes; connecting manhole to catchbasin with 6-in. vit. pipe; remove br. sewer; grade and pave with 7-in. hyd. conc.

Separate bids, same date, to const. 6-ft. 3½-in. thick conc walk in 2nd Ave., from 36th St. to pt. 56 ft. east and in 2nd Ave. from pt. 235 ft. east from 36th St. Cert check 10% payable to city required. Albert Givan, city engineer.

OAKLAND, Cal.—City Council, E. K. Sturgis, clerk, declares intention to improve Roberts Ave., bet. Birdsall and 55th Aves., grading, conc. curbs, gutters and walks; paving with oil macadam.

Portions of Maple Ave., bet. Delaware and Hopkins Sts., cem. walks 6-ft. wide.

Portions of Peralta Ave., bet. Texas and Hopkins Sts., cem. walks 5 ft. wide.

Work under 1911 Act. Protests Jan. 18. W. W. Harmon, city Eng.

SAN JOSE, Santa Clara Co., Cal.—Supervisors rescind contacts awarded to J. F. Adams to improve Naglee Ave., in Supervisor Dist. No. 4 and imp. of King road in Sup. Dist. 2, and bids ordered re-advertised to be opened February 5, 11 a. m. On the former project Adams bid $13,638 and on the latter $19,875. I. J. Ryder, county surv.

Sacramento, Cal.—City Commissioners, H. G. Denton, clerk, declare intention to improve alley bet. Portola Way, 5th Ave., 26th and 27th Sts., const. concrete catchbasins with 6-in. vit sewer connections; extending 6-in. vit. services where not already; reconst. manhole; 1-in. water main connections; grade and pave with 5-in. hyd. conc. with curtain walls. 1911 Act. Protests Jan. 18. Albert Givan, city eng.

OROVILLE, Butte Co., Cal.—Harry H. Hume has been re-appointed county road engineer by the Butte County Supervisors, the term running 4 years.

CALIFORNIA.—Until Jan. 29, 2 p. m., bids will be received by State Highway Commission, Forum Bldg., Sacramento, for grading 11.8 mi. in Nevada county, bet. Nevada City and Little Deer Creek. A. B. Fletcher, state highway eng. **See call for bids under official proposal section in this issue.**

VENTURA, Cal.—City trustees adopt plans for a sewage disposal plant to be erected at the foot of Spruce St. City Engr. Waud was authorized to take the necessary steps to build the plant.

LA JOLLA, Cal.—Property owners on Playa del Sur start movement to pave the street. This is the principal street of La Jolla. The pavement will extend from the const blvd. to the end of the street near the water's edge.

INGLEWOOD, Cal.—City trustees declare intention to improve Lime St., bet. Grevillea and Fir Aves., by grading and paving with 5-in. oil macad; conc. walk and curb returns; 1911 Act and 1915 Bond Imp. Act. Otto H. Duelke, city clerk. Arthur Cory, city mgr.

LOS ANGELES, Cal.—Until 10 A. M., Jan. 8, new bids will be rec. by board of public works to imp. Avalon St., bet Preston Ave. and Lemoyne St., involv. 1224 sq. ft. concr. paving, 3435 sq. ft. grading and oiling, 173 ft. curb, 725 sq. ft. walk, 295 sq. ft. gutter, reinf. concr. stariway; Vrooman Act

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VALLEJO, Solano Co., Cal.—Calif. State Highway Comm. estimates cost of proposed highway from Vallejo to Sears Point on Black Point Cut-off, Marin County, at $740,000 which estimate includes bridges across Mare Island channel and Sonoma creek in addition to a possible bridge or fill at Tulcay. Highway would cost $200,000 and would be 10.22 mi. in length; bridge at Mare Island would cost $540,000 and that across Sonoma creek, $360,000.

STOCKTON, San Joaquin Co., Cal.—Oakland Sewer Constr. Co., at $2,268 bidding $2,268 for pre-cast conc. pipe and $2,330 for vit. pipe, submits low bid to council to constr. storm water sewers in portions of Blains Lane, Sonora and Sierra Nevada streets. Other bidders were: E. A. Burns, vit. pipe, $2,579; Robt. Beyrle, pre-cast conc. pipe, $2,406; Frederickson Bros., $2,375, for pre-cast conc. pipe.

BURBANK, Cal.—Geo. R. Curtis, 2440 E. 26th St., Los Angeles, awarded cont by city trustees to pave Olive Ave., betw. 150 S of Main St. and Flower St., involv. 920 ft. grading at $1 ft., and 53,460 ssq. ft. Willite paving at 19.9c ft.

OAKDALE, Stanislaus Co., Cal.—City trustees order const. of 1800 ft of sewer in Magnolia Ave. Geo. D. Macomber, City Eng.

LOS ANGELES, Cal.—Warren Constr. Co., 629 Cit. Nat. Bank Bldg., submitted only bid to board of public works to pave San Marino St., betw. Gramercy Pl. and Wilton Pl., involv. 8500 sq ft. grading to finish subgrade at 5c ft., 8500 sq. ft. Warrenite-bitul. paving at 25c ft., 57 sq. ft. gutter at 33c ft.

NAPA, Napa Co., Cal.—Mark Heln, St. Helena, awarded contract by council to clear site for municipal water project in Milliken Canyon.

WOODLAND, Yolo Co., Cal.—County Supervisors and Asa G. Proctor, county surveyor conferring with U. S. Engineers regarding road over the Fremont weir in Yolo county to be constructed below Gray's Bend at point where Feather river empties into the Sacramento. Government engineers have completed surveys.

SAN DIEGO, Cal.—Council declares intention to improve Laurel, Curlew, Brant, Union, Kalmia and Third Sts. and Norton Ave., San Diego, involving 281,189 sq. ft. paving with 1½-in. asph. conc. wearing surface laid on a 4-in. cem. conc. base; 285.2 ft. curbing; 2189.2 sq. ft. gutter surfacing with 1½-in. asph. conc.; 164.25 ft. 15-in. corru. iron culvert pipe; 60.25 ft. 12-in. c. i. c. pipe, including 2 catch basins; 11 4-in. conc. sewer pipe laterals; 3 6-in. conc. sewer pipe laterals, and 2 conc. intakes; 1911 Act. Protests, Jan. 22.

L St., bet. Francis and 36th Sts., involving 1737.7 cu. yds. earth excav., 1181.4 cu. yds. earth embank., 134 ft. 12-in. D. S. conc. pipe, 4 conc. headwalls.

Alley in block 215, University Hts., involving 232.4 cu. yds. earth excav., 9610 sq. ft. 4-in. cem. conc. pavement; 1911 Act.

Alley in block 225, University Hts., San Diego, involv. earth excav., 305.3 cu yds. paving with 4-in. cem. conc., 12,000 sq. ft. F. A. Rhodes, city eng.

RENO, Nevada.—A 3-year road construction program providing for the const. of conc. highways from Reno to Verdi, Reno to the east county line near Wadsworth and from Reno to Purdy will be undertaken without the necessity of Washoe county calling a bond election to finance the work, it was determined at a recent meeting of county officials, and the Nevada State Highway Department. Estimates compiled by the highway dept. show that funds available from the Federal Government and the State in addition to funds required from the county will finance the construction. Reno to west county line will cost $460,000, incl. all structures and railroad crossings; will be conc. 12-ft. wide, 6-ft. macadam shoulders on one side to be later replaced with concrete. Reno to east county line, near Wadsworth, est. cost $947,000, 10-ft. wide, 4 ft. macadam shoulder. Reno to Purdy to connect with Susanville highway, is already financed by the county, state and federal government. G. W. Borden, state Highway eng.

TURLOCK, Stanislaus Co., Cal.—City trustees, A. P. Ferguson, clerk, declares intention to improve portions of Lyons Ave. and East Main St., by grading, paving with 3-in. asph. conc. base with 1½-in. Warrenite-Bit. surface; conc. curbs, gutters and walks; corru iron culverts. 1911 Act. Protests Jan. 16. Horace Hall, city eng.

WATTS, Cal.—J. G. Beckjord, 718 San Fernando Bldg., Los Angeles, awarded contract by city trustees at $445,000 for const. city sewer system, under new proceedings. The contract was previously awarded to Thompson & Packard, of Salt Lake City, but owing to errors in the proceedings, they refused to sign the contract. Old proceedings were then abandoned and the new resolution adopted Nov. 14. The project will involve 64,746 ft. 6-in., 41,186 ft. 8-in., 17,926 ft. 10-in., and 5660 ft. 20-in. cem. 15-in., 2552 ft. 18-in., and 5660 ft. 20-in. cem. pipe; 369 manholes, 55 flush tanks and 6-in. wye for each lot. Work will be done under 1911 Act and 1915 Bond Act Koebig & Koebig, consulting engrs Title Ins. Bldg., Los Angeles. The other bids were: Fred Hoffman, Long Beach, $447,000; John P. Kennedy, $455,000; Chas. Thompson, Clark Hotel, $483,000.

CALIFORNIA—As previously reported bids will be received by State Highway Commission, Forum Bldg., Sacramento, Jan. 15, 2 p. m., for highway projects as follows:

Humboldt county, bet. Fortuna and Loleta, 4.2 mi. grading, involv. 105,000 cu. yds. excav. without classification; 250 cu. yds. class "A" cem. conc. (culverts and monuments); 672 lin. ft. 100 lin. ft. 15-in., 322 lin. ft. 18-in. and 86 lin. ft. 24-in. corru. metal pipe; 1800 lin. ft. 6-in. drain tile; 6.0 mi. paving and resetting property fences; 98 monuments. Commission will furnish steel, corru. metal pipe, drain tile and cement.

Santa Clara County, bet. 5 mi. east of Gilroy and San Felipe, 4.5 mi. grading and gravel surfacing, involving 35,000 cu. yds excav. without classification; 5800 cu. yds. gravel surface; 250 cu. yds class "A" cem. conc. (culverts an dmonuments); 706 lin. ft. 15-in., 444 lin. ft. 18-in., and 64 lin. ft. 24-in. corru. metal pipe; 55 monuments. Commission will furnish steel, corru. metal pipe, cement, and sand and coarse aggregate for concrete.

RICHMOND, Contra Costa Co., Cal.—City Council, A. C. Faris, clerk, declares intention (No. 388) to const. 6, 8 and 12-in. vit. sewers in portion of Pullman Townsite, incl. const. of brick and conc. manholes, etc. 1911 Act. Protests Jan. 15. H. D. Chapman, city eng.

SANTA CRUZ, Santa Cruz Co., Cal.—City Council, S. A. Evans, clerk, declares intention to improve Woodrow Ave., bet. Errett Circle and Cliff Dr., grading and paving with 5-in. conc., 2 strips each 10 ft. wide; storm water culverts, etc. 1911 Act. Protests Jan. 16. James K. James, city eng.

WHITTIER, Cal.—Pasadena Paving Co. (Tracy & O'Keefe) 59 S. Fair Oaks Ave., Pasadena, submitted low bid to city trustees to imp. following streets:

Alley betw. Whittier and Pierce Sts., and a portion of Pierce St., involv. 15,000 sq. ft. concr. paving. The unit prices were: 4.5c sq. ft. grading, 20.8c sq. ft. 5-in. concr. paving, 22.9c sq. ft. 6-in. concr. paving, 50c ft.

Alley betw. Milton and Newlin Aves., from Orange Dr. to 156 ft. south, involv. approx. 10,000 sq ft. paving. The unit prices were: 4.5c grading, 20.8c 5-in. paving.

Alley betw. Milton and Newlin Aves., from Bally St. to 496 ft. south, involv. approx. 10,000 sq ft. paving. The unit prices were: 4c sq. ft. grading, 20.8c sq ft. 5-in. concr. paving.

Comstock Ave., betw. Short St. and 299 ft. north, involv. approx. 11,000 sq. ft. paving. The unit prices were: 6.5c sq. ft. grading, 21.9c sq. ft. 6-in. concr paving, 51c ft. curb.

LOS ANGELES, Cal.—City Council declares intention to imp. Serrano St., betw. Hollywood and Sunset Blvds., and portions of other streets, involv. grading and paving with 3½-in. bitum. base and 1½-in. warrenite-bitul. surface; constructing curb, walks, and gutter, and vit. pipe house sewers; Vrooman Act.

LOS ANGELES, Cal.—Until 10 A. M., Jan. 15, bids will be rec. by board of public works to imp. 82nd Pl., betw. San Pedro and Main Sts., involv. 32,833 sq. ft. grading, 32,833 sq. ft. rolling and oiling, 1229 ft. curb, 7204 sq. ft. walk, 5215 sq. ft. gutter, 614 cu. yds. cut, 116 cu. yds. fill; Vrooman Act.

SANTA ANA, Cal.—Until 2 P. M., Jan. 23, bids will be rec. by county supervisors to imp. portion of Placentia Ave. and other highways in Rd. Imp. Dist. No 15, including grading and paving with 6-in. to 8-in. concr. 18-ft. wide, 4-in. gravel shoulder, 4-ft. wide, all on 4-in. gravel sub-bas. 22 ft. wide. County will furnish 5500 bbls. cem. 3800 cu. yds. gravel; est. val., $18,000. Plans and spec on file at office of Co. Rd. Comm. J. L. McBride.

SACRAMENTO, Cal. — City Commissioners reject bids to improve alley between K, L, 6th and 7th Sts., and new bids will be asked. Albert Givan, city engnieer.

LOS ANGELES, Cal.—Until 10 A. M., Jan. 15, bids will be rec. by board of public Works to constr under Vrooman Act, sewers in following streets:

Clinton St., betw. Hoover St. and Commonwealth Ave., involv. 658.6 ft. 21-in., 154.53 ft. 15-in., 150 ft 12-in. cem. pipe storm sewer.

Isabel St., betw. Rosewood and Alice Aves, involv. 1402 ft. 8-in. and 1041 ft. 6-in. house sewers.

SANTA ROSA, Sonoma Co., Cal.—At last meeting of city council following action was taken with regard to street improvements:

Approve plans to pave South E St., bet. Santa Rosa creek and Bennett Ave. with 2½-in. asph. conc. base with 1½-in. Warrenite-Bit. surface.

Bids ordered received to pave Mendocino Ave., bet. College Ave., and west city limits with 2½-in. asph. conc. base with 1½-in. Warrenite surface; conc. curbs and gutters; also to pave Sebastopol Ave., from Santa Rosa to west city limits; conc. curbs and gutters, and for paving Healdsburg Ave., from Tents to Lincoln Sts. L. L. Mills, city engineer.

YUBA CITY, Sutter Co., Cal.—The following oil macadam pavements will be surfaced during 1923, as recommended by County Road Engineer O. W. Lanzendorff: Sanders Lateral, 1.3 miles, Pease Lateral, 1.3 miles; Nuestro-Terra Buena road, 1.3 miles; Nuestro Lateral, .5 mile; Oswald Lateral, 2.1 miles; O'Banion Corners Lateral, 2 miles; total 8:5 miles.

BRIDGE ORGANIZATION FORMED

The Dumbarton Bridge Association has been formed in Redwood City for the purpose of bridging lower San Francisco Bay for vehicular traffic at Dumbarton Straits The structure will be financed by private capital at an estimated cost of $1,212,000. The proposed tolls range from 20 cents for passenger machines up to 50 cents for commercial trucks. The tentative route is from a point on the Middlefield road at the city limits of Redwood to the Bay. It will be concrete and steel with basoule type of draw in the channel. The bridge will connect with the highway leading into Newark, Alameda county. Leaders in the association are: Frank K. Towne, president; R. H. K. Smith, secretary; John MacBain, chairman of Board of Directors and seventeen directors representing seventeen towns in San Francisco, Santa Clara, San Mateo and Alameda counties.

CHEMICAL ENGINEERS ELECT

The Puget Sound (Wash.) section of the American Chemical Society at a dinner recently held at the University of Washington commons, elected officers who shall serve during the ensuing year as follows: Chairman, F. G. Thompson; vice chairman, A. G. Bissell; secretary, R. W. Ellison; treasurer, G. C. Howard; councillor, H. K. Benson.

Including burned and cut-over areas and abandoned fields which once grew timber, one-third of the soil of the Union is forest land, says the U. S. Forest Service.

BUSINESS OPPORTUNITIES

Further information regarding these opportunities may be had from Foreign and Domestic Trade Department Chamber of commerce, Merchants' Exchange Bldg., San Francisco.

D-393—Fort Worth, Tex. Manufacturers' agents desire to take on extra lines for distribution in the Southwest territory.

D-396—Death Valley, Calif. Three partners have mining deposit of Jasper; also deposit of Silica Powder for silver polishing, clay deposit suitable for making massage cream and tooth paste, and deposit of green rock suitable for roofing purposes, high grade. Deposits are three miles from railroad —track line now open.

D-397—San Francisco, Calif. Responsible party leaving for Hawaiian Islands early in January desires two or three live accounts on commission basis; also open to make connections for responsible house desiring permanent representation.

D-399—Tempe, Ariz. Owner of deposit of mica suitable for fire-proof roofing paper purposes desires contact with interested parties.

D-404—Wheeling, W. Va. Automobile Lens Company, manufacturing Headlight without glare, desires to appoint distributor San Francisco.

6594 — Brussels, Belgium. Large exporter of plate and window glass seeks connection with a responsible San Francisco Firm.

6597 — Armritsar, India. Firm desires to export shellac and rubber goods.

6598 — Swatou, China. Connection is sought with San Francisco firms which can import pewter ware.

6602—United Kingdom. Established manufacturers desire to appoint a San Francisco representative for their marine glue and disinfecting fluid.

6605—San Francisco, Calif. American departing soon for Papeete, Tahiti, desires to represent several San Francisco firms in that region.

6606 — San Juancito, Honduras. Company wishes to buy machine for making roof tiles for buildings.

6609 — San Francisco, Calif. Export firm wishes to purchase gasoline engines suitable for operating large pumps.

6611—Osaka, Japan. Large export and import house wishes to buy large quantity of secondhand steel files.

6613—Sonsonnte, Salvador. Firm desires to estaablish direct relations with manufacturers of hardware, leather and shoemakers' supplies, barbed wire and glass.

6614 — Hidalgo, Mex. Catalogs and prices are desired for small mowing machines suitable for use in alfalfa.

6616—Soerbaja, Java. Large export and import house is in the market for gas mantles, gas and gasoline lamps, carriage leather, linoleum, mosquito nets, oil cloth, and shoe-store supplies.

6617—Fort Bombay, India. Company desires to represent dealers or manufacturers of hospital accessories.

DEMAND FOR KEY HOLD LATH CAUSES PLANT EXPANSION

The Key Hold Lath Company, a San Francisco concern, manufacturing the new Key Hold Plaster Lath has found it necessary to increase the output of the product and is completing the installation of additional machinery at the company plant, 148 Hooper street, San Francisco.

Stephen I. Guerin, President and General Manager of the Company, announces the entire plant will be turned over to the manufacture of Key Hold Plaster Lath and that the success of the lath is beyond all expectations, considering the fact that it has been on the market for slightly less than a year.

"Of all the hundreds of thousand yards of our new lath used on buildings in San Francisco, we have yet to receive a single complaint," Guerin says. "The plastering contractors of San Francisco were the first to see the merits of our product and the perfect mechanical key which insures a perfect bond between lath and plaster coat and absolutely prevents a crack or buckle on the finished work and those who have used this material have now become some of our best boosters."

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

$1,000 and Over Reported

The following is an index for the contracts for this issue.

No.	Owner	Contractor	Amt.
4504	Wright	Owner	1500
4505	McCarthy	Owner	8500
4506	Erickson	Owner	2500
4507	Sharman	Owner	5200
4508	Bergfeld	Owner	3000
4509	Campbell	Owner	65000
4510	Bouzout	Stevens	18000
4511	Welbourne	Hamilton	4200
4512	Felix	Meyer	44803
4513	Sala	Conlan	18830
1	Heyman	Owner	3500
2	Michelssen	McLean	9950
3	Donahue	De Martini	8500
4	Wilkins	Parker	7950
5	Gould	Cox	10,400
6	Logan	Comisky	3000
7	Scanlan	Scanlan	1500
8	Wilson	Gough	1500
9	Harford	Owner	2500
10	Brenner	Mullen	1800
11	Meyer	Owner	7000
12	Hurlbert	Wegner	1800
13	Nelson	Owner	12000
14	Myers	Britt	23000
15	Green	Meinberger	5870
16	Willoh	Mager	6000
17	Michelssen	McLean	9950
18	Pearson	Owner	3000
19	Ford	Heglin	2700
20	Ross	Ross	8000
21	Dempsey	Goldwyn	1500
22	Costello	Owner	3000
23	Shell	Owner	1400
24	Allen	Owner	8000
25	McCarthy	Arnott	2800
26	Arnott	Arnott	2800
27	Same	Same	28.0
28	Same	Same	2800
29	Same	Same	2800
30	Same	Same	5600
31	Same	Same	5600
32	Stevenson	Cahill	50000
33	Reinhard	Owner	2500
34	Spreckels	Owner	244000
35	Parkside	Owner	4000
36	Gnott	Edminster	4000
37	Marx	Johinson	18200
38	Giovannoni	Harder	12134
39	Fredericks	Hamerton	9000
40	Girard	Owner	2000
41	Lanfeld	Porter	1000
42	Cohn	Owner	40000
43	Mahan	Smith	3300
44	Broscoe	Almlie	2900
45	McDuffie	Allen	8000
46	Same	Same	8000
47	Lachman	Owner	3900
48	Linehan	Hamerton	2500
49	Pfeifer	Bjorkman	6000
50	Hohler	Owner	3900
51	Boss	Owner	35000
52	Cullinane	Meyers	6606
53	Simpson	Meyer	6614
54	Wurlitzer	Tiltz	1358
55	Felix	Meyer	44803

ALTERATIONS

(4504) N CLEMENT 75 E Thirty-first Ave. Alterations fordwelling cement work, etc.
Owner—Mrs. H. J. Wright, 357 5th Ave San Francisco.
Architect—None. $1500

RESIDENCE

(4505) W EUREKA 210 N Twenty-second. Two-story and basement frame residence.
Owner—James McCarthy, 432 Eureka St., San Francisco.
Architect—None. $8500

DWELLING

(4506) S HEARST AVE 150 E Hamburg One-story and basement frame dwelling.
Owner—Henry Erickson, 105 Miguel St., San Francisco.
Plans by Owner. $2500

DWELLINGS

(4507) N IRVING 57½ and 82½ W Sixteenth Ave. Two one-story and basement frame dwellings.
Owner—T. L. Sharman & Son, 1440 Shafter Ave., San Francisco.
Architect—None. $2600 each

DWELLING

(4508) S LINCOLN WAY 75 E Twenty sixth Ave. One-story and basement frame dwelling.
Owner—H. H. Bergfeld, 1491 Guerrero St., San Francisco.
Architect—None $3000

APARTMENTS

(4509) E LARKIN 77½ S Turk. Five-story and basement concrete (24) apartments and stores.
Owner—J. V. Campbell, 1040 Bryant St., San Francisco.
Architect—None. $65,000

FLATS

(4510) NE HYDE AND DELGADO Place. Three-story and basement frame (3) flats and store
Owner—J. P. Bouzout, 110 Sutter St., San Francisco.
Architect—Albert J. Fabre, 110 Sutter St., San Francisco.
Contractor—W. J. Stevens, 180 Jessie St., San Francisco. $18,000

BUILDING

(4511) NO. 326 TWENTIETH AVE. All work for building.
Owner—Josephine F. & Louis A. Welbourne, 326 20th Ave., S. F.
Architect—Jas. F. McGuinness Jr., Claus Spreckels Bldg., S. F.
Contractor—Hamilton & Costello, 5811 Geary St., San Francisco.
Filed Dec. 29, '22. Dated Dec. 8, '22.

December 26, 1922	$ 500
Frame up	1000
Ready for plaster	1000
Plastered	900
Trimmed	400
Usual 35 days	400
TOTAL COST,	$4200

Bond, none. Limit, 75 days. Forfeit, plans and specifications, none.

BUILDING

(4512) SW GOUGH AND ROSE W 77-6 xS 60. All work for three-story and basement frame building.
Owner—Elvira Felix, 925 Leavenworth St., San Francisco.
Architect—Richard R. Irvine, 507 Call Bldg., San Francisco.
Contractor—Meyer Bros, 5326 Geary St., San Francisco.
Filed Dec. 29, '22. Dated Dec. 28, '22.

Frame up	$11,201
Brown coated	11,201
Completed and accepted	11,201
Usual 35 days	11,200
TOTAL COST,	$44,803

Bond, $22,400. Sureties, Anna and Theodore G. Meyer. Limit, 100 days. Forfeit, none. Plans and specifications filed.

RESIDENCE

(4513) SW JACKSON AND LAUREL 32-6x93. All work for two-story and basement residence and garage.
Owner—A. G. Sala, 558 Capp St., San Francisco.
Architect—Wm. F. Gunnison, 57 Post St., San Francisco.
Contractor—Edw. J. Conlan and John A. Klein, 1736 Filbert St., S. F.
Filed Dec. 29, '22. Dated Dec. 26, '22.

Frame up and roof on	$4707.50
Brown coated	4707.50
Completed	4707.50
Usual 35 days	4707.50
TOTAL COST,	$18,830.00

Bond, $9415. Sureties, Adolph Sollman and C. T. Lehmann. Limit, 125 days. Forfeit, none. Plans and specifications filed.

DWELLING

(1) N BALBOA 42-6 E Forty-fifth Ave. Two-story and basement frame dwelling.
Owner—Oscar Heyman & Bro., 742 Market St., San Francisco.
Architect—Alvin J. Stern, 742 Market St., San Francisco. $3500

DWELLING

(2) S WEST CLAY 60 E Twenty-seventh Ave. Two-story and basement frame dwelling.
Owner—E. S. Michelssen, 24 California St., San Francisco.
Architect—None.
Contractor—R. A. McLean, 180 Jessie St., San Francisco. $9950

FRAME BLDG.

(3) E LYON 30 S Union S 32 E 39-0⅝ N 32 W 32. All work except finish hardware, shades and lighting fixtures for two-story and basement frame building.
Owner—Mrs. Mary Donahue.
Architect—Paul F De Martini, 946 Broadway, San Francisco.
Contractor—Paul De Martini, 946 Broadway, San Francisco.
Filed Dec. 30, '22. Dated Dec. 28, '22.

Frame up	$2125
Brown coated	2125
Completed and accepted	2125
Usual 35 days	2125
TOTAL COST,	$8500

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

RESIDENCE

(4) W SAN RAFAEL WAY Lot 12, St. Francis Wood. All work except painting, electric wiring, hot air furnace, finish hardware, light fixtures and shades for residence.
Owner—Abbie E. Wilkins, Hobart Bldg. San Francisco.
Architect—O. R. Thayer, 110 Sutter St., San Francisco.
Contractor—C. F. Parker, 1315 6th Ave. San Francisco.
Filed Dec. 30, '22. Dated Dec 30, '22.

Frame up	$1465
White coated	1465
Standing finish on	1465
Completed and accepted	1467
Usual 35 days	1988
TOTAL COST,	$7950

Bond, $3975. Sureties, Dr. E. D. Owen and K. E. Parker. Limit, 80 days. Forfeit, $5. Plans and specifications filed.

FLATS

(5) S IRVING 57-6 E Twenty-seventh Ave. All work for two five-room flats and sun porch.
Owner — Mrs. Julia Gould, 1371 25th Ave., San Francisco.
Architect—None
Contractor—Cox Bros., 1309 9th Ave., San Francisco.
Filed Dec. 30, '22. Dated Nov. 22, '22.

Frame up $2600
Brown coated 2600
Completed 2600
Usual 35 days..... 2600
TOTAL COST, $10,400
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(6) NO. 401-405 MONTGOMERY ST. Remove brick wall and install iron I beams and posts (offices).
Owner — Logan & Bryan, 401 Montgomery St., San Francisco.
Architect—J. R. Miller & T. L. Pflueger Lick Bldg., San Francisco.
Contractor—D. A. Comisky, 180 Jessie St., San Francisco. $3000

ALTERATIONS
(7) NE EDDY AND BOURBIN Move and make addition of one story for flats.
Owner—D. Scanlan and L. L. Gould.
Architect—None.
Contractor—D. Scanlan, 564 Bartlett St., San Francisco. $1500

ALTERATIONS
(8) NO. 325 GEARY. Remove 2 steel columns and install steel girders; new front for store.
Owner—Ernest Wilson Co., 329 Geary St., San Francisco.
Architect—M. V. Politeo, 1st National Bank Bldg., San Francisco.
Contractor—A. S. Gough, 623 Minna St., San Francsico. $1500

DWELLING
(9) E EDINBURGH 300 N Excelsior. One-story and basement frame dwelling.
Owner—H. Harford, 245 Edinburgh St., San Francisco.
Plans by Owner. $2500

ALTERATIONS
(10) SW GEARY AND OCTAVIA STS. Re-arrange show windows; install marble base.
Owner—Brenner Bros., Geary and Octavia St., San Francisco
Architect—None.
Contractor — Mullen Mfg Co., 64-68 Rausch St., San Francisco. $1800

RESIDENCE
W SAN RAFAEL WAY, Lot No. 12, St. Francis Wood. Two-story and basement frame residence.
Owner—Abbie E. Wilkins, % Architect.
Architect—O. R. Thayer, 110 Sutter St., San Francisco.
Contractor—C F. Parker, 15 Merced Ave., San Francisco. $8000
NOTE:—Recorded contract reported Jan 2, 1923, No. 4.

PLANNING MILL
(11) S CUSTER 250 W Quint Two-story frame planning mill.
Owner—Meyer Bros., 5326 Geary St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco. $7000

ALTERATIONS
(12) W FIFTH AVE 96 S Anza. Alter flat into (2) apartments.
Owner—Lydia Hurlbert, 519 5th Ave., San Francisco.
Architect—None.
Contractor—A. Wegner, 180 Jessie St., San Francisco. $1800

DWELLINGS
(13) E FORTY-SECOND AVE 275, 300, 325 and 350 N Fulton Four one-story and basement frame dwlgs.
Owner—N. J. Nelson, 240 19th Ave., San Francisco.
Architect—None. $ 3000 each

SHOP
(14) NE HOWARD AND MARY STS. Two-story concrete shop.
Owner—L. A. Myers, 68 Post St., San Francisco.
Architect—Samuel Lightner Hyman, 180 Jessie St., San Francisco.
Contractor—O. W. Britt, 180 Jessie St., San Francisco. $23,000

FLATS, ETC.
(15) E MISSION 75 N Excelsior. Two story frame store and flat.
Owner—Mrs. Mae Green, 210 7th Ave., San Francisco.
Architect—None.
Contractor—H. S. Meinberger, 5720 California St., S. F. $5870

ALTERATIONS
(16) SE TWENTY-FOURTH AND Mission. All work except plumbing for alterations to building.
Owner—August Willoh, 2801 Mission St., San Francisco.
Architect—E. H. Hermann, 89 Broadway, San Francisco.
Contractor — Mager Bros., 1318 Valencia St., San Francisco.
Filed Jan. 2, '23. Dated Jan. 2, '23.
Frame up $2000
Plaster on 2000
Completed 2000
TOTAL COST, $6000
Bond, limit, forfeit, none. Plans and specifications filed

RESIDENCE
(17) S WEST CLAY 60 E Twenty-seventh Ave. All work for two-story frame residence.
Owner—E. S. Michelasen, 24 California St., San Francisco.
Architect—None.
Contractor—R. A. McLean, 180 Jessie St., San Francisco.
Filed Jan. 2, '23. Dated Dec. 26, '22.
Frame up & roof boards on.$2487.50
Brown coated 2487.50
Completed 2487.50
Usual 35 days..... 2487.50
TOTAL COST, $9950.00
Bond, none. Limit, 120 days. Forfeit, none. Plans and specifications filed.

DWELLING
(18) S EXCELSIOR 275 E Paris. One story and basement fraame dwlg.
Owner—Aug. Pearson, 267 Paris St., San Francisco.
Architect—None. $3000

DWELLING
(19) W FIFTEENTH AVE 100 S Judah One-story and basement frame dwelling.
Owner—Frank Ford, 201 Dolores St., San Francisco.
Plans by Owner.
Contractor—B. Heglin, 251 Richland Ave., San Francisco. $2700

DWELLINGS
(20) W FIFTEENTH AVE 300 S Judah. Two one-story and basement frame dwellinga.
Owner—L. S. Ross, 1440 15th Ave., San Francisco.
Architect—Chas. E. J. Rogers, Phelan Bldg., San Francisco
Contractor—D. W. Ross, 180 Jessie St., San Francisco. $4000 each

ALTERATIONS
(21) NO. 611 LAGUNA. Re-arrange partitions for motion picture location.
Owner—J. Dempsey.
Architect—None.
Contractor—Goldwyn Prod. Corp., Culver City, Calif. $1500

DWELLING
(22) W THIRTY-NINTH AVE 186 N Fulton. One-story and basement frame dwelling.
Owner—Coatello & Sullivan, 806 York St., San Francisco.
Architect—None $3000

STATION
(23) NW THIRD AND ARMY. One-story steel service station.
Owner—Shell Co. of Calif, 343 Sansome St., San Francisco.
Plans by Owner. $1400

DWELLING
(24) W TWENTY-EIGHTH AVE 170 N Lake. Two-story and basement frame dwelling.
Owner—Allen & Co., 168 Sutter St., San Francisco.
Architect—Earle B. Bertz, 168 Sutter St., San Francisco. $8000

DWELLING
(25) N BRUCE 250 E Harold. One-story and basement frame dwlg.
Owner — McCarthy Co., 316 Bush St., San Francisco.
Architect—None.
Contractor—Jas. A. Arnott & Son, 235 Granville Way, S. F. $2800

DWELLING
(26) E BRUCE 225 E Harold. One-story and basement frame dwlg.
Owner—James A. Arnott, 235 Granville Way, San Francisco.
Architect—None.
Contractor — Jas. Arnott & Son, 235 Granville Way, S. F. $2800

DWELLING
(27) W BADEN 25 S Hearst Ave. One story and basement frame dwlg.
Owner—James A. Arnott, 235 Granville Way, San Francisco.
Architect—None.
Contractor — Jas. Arnott & Son, 235 Granville Way, S. F. $2800

DWELLING
(28) SW BADEN AND HEARST AVE. One-story and basement frame dwelling.
Owner—James A. Arnott, 235 Granville Way, San Francisco.
Architect—None.
Contractor — Jas. Arnott & Son, 235 Granville Way, S. F. $2800

DWELLING
(29) NW BADEN AND CIRCULAR Ave. One-story and basement frame dwelling.
Owner—James A. Arnott, 235 Granville Way, San Francisco.
Architect—None.
Contractor — Jas. Arnott & Son, 235 Granville Way, S. F. $2800

DWELLINGS
(30) N CIRCULAR AVE 25 and 50 W. Baden. Two one-story and basement frame dwellings.
Owner—James A. Arnott, 235 Granville Way, San Francisco.
Architect—None.
Contractor — Jas. Arnott & Son, 235 Granville Way, S. F. $2800 each

DWELLINGS
(31) S HOLLOWAY 25 and 50 E Plymouth Ave Two one-story and basement frame dwellings.
Owner—James A. Arnott, 235 Granville Way, San Francisco.
Architect—None.
Contractor — Jas. Arnott & Son, 235 Granville Way, S. F. $2800 each

GARAGE
(32) S STEVENSON 160 W Ecker. Two-story concrete public garage.
Owner—Stevenson Garage Co., Inc., % Architect.
Architect—Arthur S. Bugbee, 26 Montgomery St., San Francisco.
Contractor — Cahill Bros., 110 Sutter St., San Francisco. $50,000

DWELLING
(33) NO. 168 SEVILLE. One-story and basement frame dwelling.
Owner—L. Reinhard, 169 Seville St., San Francisco
Architect—None. $2500

WAREHOUSE
(34) TWENTY-THIRD AND DELAWARE. One-story steel frame and concrete warehouse, 125x408 ft.
Owner—J. D. and A. B. Spreckels Securities Co., (Western Sugar Refinery), 2 Pine St., S. F.
Plans by Owner. $244,870

DWELLING
(35) E TWENTY-NINTH AVE 100 N Taraval. One-story and basement frame dwelling.
Owner — Parkside Realty Co., 617 Crocker Bldg., San Francisco.
Architect—Chas F. Strothoff, 2274 15th St., San Francisco. $4000

ALTERATIONS
(36) N TWENTY-FOURTH bet. Valencia and Mission Cor. Osage Alley No. 3328-3328-A Twenty-fourth St All work for alterations and additions to two-story frame building.
Owner—John and Wanda Gnott, 3328 24th St., San Francisco.
Architect—Frank S. Holland, 1629 Folsom St., San Francisco.
Contractor—P. H. Edminster, 1119 Shotwell St., San Francisco.
Filed Jan. 3, '23. Dated Jan. 2, '23.
House raiser has removed cribbing $500
Walls braced and rustic on..... 500
Brown coated 500
Interior wood finish on..... 500
Completed and accepted..... 500
$1500 to be paid by note.....
TOTAL COST, $4000
Bond, none. Limit, 45 days. Forfeit, none. Plans and specifications filed.

RESIDENCE
(37) W LAUREL 93 S Jackson 34-8¼ x67-6. All work except electrical fixtures, painting and heating for two-story and basement frame residence.
Owner—Mrs. Viola K. Marx, 760 12th Ave., San Francisco.
Architect—Wm. F. Gunnison, 57 Post St., San Francisco
Contractor—Joel Johnson, 180 Jessie St., San Francisco.
Filed Jan. 3, '23. Dated Dec. 27, '22.
Frame up and roof on.....$4550
Brown coated 4550
Completed and accepted..... 4550
Usual 35 days..... 4550
TOTAL COST, $18,200
Bond, $9100. Sureties, Edwin T. Petersen and Elmer Carlson. Limit, 125 days. Forfeit, none. Plans and specifications filed.

BUILDING
(38) N CHESTNUT 79 W Van Ness Ave W 30-9xN 92-6. All work except fixtures, radiators and window shades for two-story frame building
Owner—F. & Mary A. Giovannoni, 501 Columbus Ave., San Francisco.
Architect—W. H. Armitage, Call Bldg., San Francisco.
Contractor—John Harder, 870 39th Ave., San Francisco.
Filed Jan. 3, '23. Dated Dec. 29, '22.
Rough frame up.....$3000
Brown coated 3000
White coated 1100
Completed and accepted..... 2000
Usual 35 days..... 3034
TOTAL COST, $12,134
Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

DWELLING
(39) S DEWEY BLVD. 65 E Pacheco. One-story and basement frame dwelling.
Owner—Dr. Fredericks, Butler Bldg., San Francisco
Architect—None.
Contractor—A. C. Hamerton, 475 Dewey Blvd., San Francisco. $9000

ALTERATIONS
(40) S ELLIS 137-6 E Powell. Alter store fronts; refit interior of cafe.
Owner—W. J. Girard, 57 Ellis St., San Francisco.
Architect—M. V. Politeo, 1301 First National Bank Bldg., San Francisco. $2000

ALTERATIONS
(41) SW FILLMORE & McALLISTER. New store front; erect shelving, etc.
Owner — J H. Lanfeld, 1759 Fillmore St., San Francisco.
Architect—None.
Contractor—Geo. H. Porter, 1037 Fillmore St., San Francisco. $1000

APARTMENTS
(42) N GEARY 50 W Hyde. Five-story and basement concrete (20) apartments.
Owner—George Cohn, 9 Stockton St., San Francisco.
Architect—S. Heiman, 57 Post St., San Francisco. $40,000

DWELLING
(43) E MOSCOW 175 S Persia. One-story and basement frame dwlg.
Owner—Alma M. Mahan, 105 14th Ave., San Francisco.
Architect—None.
Contractor—Martin Smith, 114 Girard St., San Francisco. $3300

DWELLING
(44) W NINETEENTH AVE 275 N Otsego. One-story and basement frame dwelling.
Owner—John Broscoe, 780 Page St., San Francisco.
Architect—R. R. Irvine, 78 New Montgomery St., San Francisco.
Contractor—O. S. Almlie, 635-A Noe St., San Francisco. $2900

RESIDENCE
(45) N SAN ANSELMO 150 E Portola Drive Two-story and basement frame residence.
Owner—Jean Howard McDuffie, % Architect.
Architect—Earle B. Bertz, 168 Sutter St., San Francisco.
Contractor—Allen & Co., 168 Sutter St., San Francisco. $8000

RESIDENCE
(46) W SAN LEANDRO WAY 150 N Monterey Blvd. Two-story and basement frame residence.
Owner—Jean Howard McDuffie, % Architect.
Architect—Earle B. Bertz, 168 Sutter St., San Francisco.
Contractor—Allen & Co., 168 Sutter St., San Francisco. $8000

DWELLINGS
(47) SE VIENNA 50 and 75 NE France Two one-story and basement frame dwellings.
Owner—F. Lachman, 4609 Mission St., San Francisco.
Architect—None. $1950 each

WAREHOUSE
(48) N BRYANT 82-6 W 5th. 1-story frame feed warehouse.
Owner—M. J. Linehan, 712 Bryant St., San Francisco.
Architect—None.
Contractor—A. C. Hamerton, 475 Dewey Blvd., S. F. $2500

DWELLINGS
(49) E CASTRO 75 & 100 N Alvarado. Two 1-story and basement frame dwellings.
Owner—F. G. Pfeifer, 2539 Mission St., San Francisco.
Architect—None.
Contractor—V. Bjorkman. $3000 ea.

DWELLING
(50) E TWENTY-NINTH AVE. 100 S Balboa. 1-story & basement frame dwelling.
Owner—T. E. Mohler, 458 23rd Ave., San Francisco.
Architect—None. $3900

FLATS
(51) E VAN NESS AVE 50-3 & 84 N Filbert. Two 2-story and basement frame (4 in each) flats.
Owner—Boss & Hill, 1120 Market St., San Francisco.
Architect — Edward E. Young, 251 Kearny St., S. F. $17,500 ea.

RESIDENCE
(52) N FULTON bet. Twelfth Ave. & Funston Ave 92-6 W 12th Ave. All work for two-story and basement frame residence.
Owner—Wm. H. Cullinane.
Architect—None.
Contractor—Meyer Bros., 5326 Geary St., San Francisco.
Filed Jan. 4, '23. Dated Jan. 2, '23.
Frame up $1651.50
Brown coated 1651.50
Completed 1651.50
Usual 35 days..... 1652.25
TOTAL COST, $6606.75
Bond, none Limit, 90 days. Forfeit, none. Plans and specifications filed.

RESIDENCE
(53) N FULTON bet. Twelfth Ave. & Funston Ave. 92-6 E 13th Ave. (Funston Ave.) All work for two story & basement frame residence
Owner—Mr. H. W. Simpers, 1666 Clay St., San Francisco.
Architect—None.
Contractor—Meyer Bros., 5326 Geary Geary St., San Francisco.
Filed Jan. 4, '23 Dated Jan. 2, '23.
Frame up $1653.50
Brown coated 1653.50
Completed 1653.50
Usual 35 days..... 1653.50
TOTAL COST, $6614.00
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

VENTILATION SYSTEM
(54) E STOCKTON 25 S Post All work for ventilation system for mezzanine floor of six-story Class C building.
Owner — The Rudolph Wurlitzer Co., 250 Stockton St., San Francisco.
Architect—Vernon W. Houghton, 275 Post St., San Francisco
Contractor—Tiltz Eng. & Equipt. Co., Monadnock Bldg., San Francisco.
Filed Jan. 4, '23. Dated Jan. 3, '23.
Completed and accepted..... 75%
Usual 35 days..... 25%
TOTAL COST, $1358
Bond, limit, forfeit, none. Plans and specifications filed.

BUILDING
(55) SW GOUGH AND ROSE W 77-6x S 60. All work for three-story and basement frame building.
Owner—Elvira Felix, 925 Leavenworth St., San Francisco.
Architect—Richard R. Irvine, 507 Call Bldg., San Francisco.
Contractor—Meyer Bros., 5326 Geary St., San Francisco.
Filed Jan. 4, '23. Dated Dec. —, '22.
Frame up and enclosed.....$11,201
Brown coated 11,201
Completed and accepted..... 11,201
Usual 35 days..... 11,200
TOTAL COST, $44,803
Bond, $22,400. Sureties, Anna Meyer and Theodore G. Meyer. Limit, 100 days. Forfeit, none. Plans and specifications filed

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Amount

Dec. 29, 1922—SW BRUSSELS 125 SE Felton SE 25xSW 120. Jos and Anna Ziganto to Martin Smith.....Dec. 29, 1922

Dec. 29, 1922—W THIRTY-NINTH Ave 185 N Fulton 25x120. Costello & Sullivan to whom it may concern.....Dec. 29, 1922

Dec. 29, 1922—SE CHESTNUT AND Franklin S 27-6xE 100. Giovanni and Elena Buchignani to John Harder.....Dec. 22, 1922

Dec. 29, 1922—E FIFTH AVE 125 S Parnassus Av S 25xE 120 Augusta A Asplund to Nels P Johnson... .....Dec. 29, 1922

Dec. 29, 1922—N AVALON AVE 50 and 75 W Madrid. Bertha Gronholz to Wm E Grosman.....Nov. 10, 1922

Dec. 29, 1922—E TWENTY-FIRST AV 125 N Clement 50x120. Jeannette Liebman to whom it may concern ....Dec. 26, 1922

Dec. 29, 1922—SE APPLETON AVE and Patton E 25x117 m or l. Michael O'Toole to Jos Howard... .....Dec. 18, 1922

Dec. 29, 1922—S GREENWICH 179-6 E Polk 53xN137-6. Sam Rosenberg to whom it may concern.Dec. 20, '22

Dec 29, 1922—E TWENTY-FIFTH Ave 25 N Anza 25x106-7 L B Hammond to whom it may concern... .....Dec. 28, 1922

Dec. 29, 1922—NE CORNWALL AND Second Ave E 82-6 N 32-643 W 82-6 S 32-643. Lager & Val Franz to Whom it may concern..Dec. 27, 1922

Dec. 29, 1922—NE SECOND AVE & Cornwall dist 32.643 N Cornwall E82-6 N 29-4 m or l W 82-7¼ S 25. Lager & Val Franz to whom it may concern.....Dec. 27, 1922

Dec 29, 1922—NE SECOND AVE & Cornwall dist 82-6 E Second Ave E 27-6 N 63-3½ W 27-6⅜ m or l S 61-10½. Lager & Val Franz to whom it may concern..Dec. 27, 1922

Dec. 29, 1922—NE SECOND AVE & Cornwall dist 110 E from E Second Ave th alg N Cornwall 27-6 N 64-8.68 W 27-6⅜ m or l S 63-3½. Lager & Val Franz to whom it may concern.....Dec. 27, 1922

Dec 29, 1922—E FUNSTON AVE 125 N Geary 25x120. Milton and Bertha Kamler to Ben Liebman.. .....Dec. 26, 1922

Dec. 30, 1922—S ATHENS AVE 175 W Russia Ave. Axel Wickbom to Madden-Hammersmith Development Co .....Dec. 27, 1922

Dec. 30, 1922—N VALLEJO 100 W Pierce W 25xN 100. Katherine Stack to W W Rednall..Dec. 30, 1922

Dec. 30, 1922—W TWENTY-FIFTH Ave 225 N Cabrillo N 25xW 120. F W Van Heekeren to Knahenshuh & Morrison.....Dec. 21, 1922

Dec. 30, 1922—N CLEMENT 32-6 W Thirty-first Ave No. 3098-10 Clement St Wm A Miller to whom it may concern.....Dec. 29, 1922

Dec 30, 1922—E NINETEENTH AVE 175 S Balboa S 25xE 120. Jacob W Hansen to K Adler.....Dec. 30, 1922

Dec. 30, 1922—N TWENTY-FOURTH 50 E Vicksburg E 25xN 114. Joseph P Ross to H A Becker..Dec. 29, 1922

Dec 30, 1922—NE DIVISADERO & McAllister. Theodor Dierks to Royal Show Case Co....Dec. 15, 1922

Dec. 30, 1922—E TWENTY-FOURTH Ave 135 S Cabrillo, 25x120. F Carroll Reed to whom it may concern.. .....Dec. 30, 1922

Jan. 2, 1923—E TWENTY-EIGHTH Ave 325 N Clement 30x120. Geo W and Nellie D Kuss to Murray & Anderson.....Dec 23, 1922

Jan. 2, 1923—N FOLSOM 145 W Second 130 front by 135 depth. Collins Henke Candy Co to N F Neilsen .....Jan. 2, 1923

Jan. 2, 1923—LOT 1 BLK 3254 Balboa Terrace. Dale H and Ethel B Poole to Chas A Hall..Dec. 12, 1922

Jan. 2, 1923—N WASHINGTON 170-6 W Franklin 33-6x127-8¼. H C Keenan to whom it may concern .....Dec. 20, 1922

Jan. 2, 1923—E FOURTEENTH AVE 100 N Taraval 30x120. J J and E D Navarra to A C Hamerton... .....Dec. 30, 1922

Jan. 2, 1923—LOT 3 BLK 3160 Lots 8, 9, and 10 Blk 3137, Westwood Park. Hans and Esther E Nelson to whom it may concern .Dec. 26, '22

Jan 3, 1923—E FORTY-THIRD AV 175 S Lincoln Way 25x120 Allura B Lennelt to whom it may concern.....Dec 30, 1922

Jan. 3, 1923—W LEAVENWORTH 137-6 N Turk W 137-6xN 27-6 Carl F Ernst to whom it may concern.. .....Jan. 3, 1923

Jan. 3, 1923—LOT 7 BLK 3107, Westwood Park. Linnie and Gordon W Morris to whom it may concern.. .....Dec. 29, 1922

Jan. 3, 1923—W GRANT AVE 62-6 S Pine S 75xW 70. R J O'Brien to whom it may concern..Dec. 31, 1922

Jan. 3, 1923—NW AMAZON AND Vienna. The Roman Catholic Archbishop to John J Leonard..... .....Jan. 2, 1923

Jan. 3, 1923—N FRANCISCO 112-6 E Gough E 25xN 13-6. Adam Bianchi to David Leigh.....Dec. 30, 1922

Jan. 4, 1923—W BRODERICK 42 S Greenwich S 21xW 78 W W Rednall to whom it may concern.... .....Jan. 4 1923

Jan. 4, 1923—SE TWENTY-SIXTH & Valencia S 35xE 83. Alfred J Rose to J G Seibert Co.....Dec. 28, 1922

Jan. 4, 1923—S ANZA 57-6 E 22nd Ave E 25xS 100. Emma Meyer to K Adler.....Dec. 13, 1922

RELEASE OF BUILDING CONTRACT

SAN FRANCISCO COUNTY

Dec. 29, 1922—N TWENTY-FOURTH 48-6 E Bartlett E 23xN 61-5½. Mager Bros with W F and A C Adams

Jan. 3, 1923—SW ROSE AND GOUGH S 60xW 77-6. Elvira Felix with Meyer Bros. Released Dec. 28, 1922

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Amount

Dec. 29, 1922—S GILMAN 125 W Hawes W 125xS 100 Jas T Tobin vs Fred and Jane Doe Draeger..$260

Dec. 29, 1922—S GILMAN AVE 25 W Hawes W 50xS 100. Jas T Tobin vs Andrey and Jane Doe Scudero and Matilda Mau.....$215

Dec. 30, 1922—E STEINER 75 S Union S 25xE 93.9. Jos Howard & W J Clarkson vs Ellen Clarkson.. .....$367.50

Dec. 30, 1922—SE APPLETON AVE and Patton E 25xS 117.25 W 24-10 N 117 m or l. Jos Howard vs M O'Toole $879.91

Dec 30, 1922—S GREEN 126-6 E Polk E 50xS 108 m or l W 24-2¼ SW 27-1½ N 100 to beg. Incandescent Supply Co vs Adrian or Adriano and Rosie Ramazzotti, wife, and Joseph and Olinda Chiotti $269

Jan 3, 1923—NE DIAMOND AND Bosworth E 25xN 100 Lot 1 Blk 14 Mission and 30th Sts. Hd. Extn. Union. The Fay Improvement Co vs Salvatore Ganci and Carmella Fama $680

Jan. 4, 1923—S LAKE 52-6 E 16th Ave E 50xS 100. S F Lumber Co vs P S Walters, Jos C Jones, Agnes M Jackson and W F Jackson.$221.18

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded Amount

Jan. 3, 1923—LOT 14 BLK 3251, Balboa Terrace. T H Clancy (as T H Clancy & Son) to F H Cress, E A Trobock, Cress & Trobock and Henrietta Schulken $34.50

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

Jan. 2, 1923—NO. 2410-2442 MISSION bet 20th and 21st Sts. Estelle M Young et al as to improvements on property .....

Jan. 3, 1923—W POWELL 68-9 N O'Farrell N 68-9 W 137-6 S 137-6 E 43 N 68-9 E 94-6. Harvey M Toy and Mabelle B Lucas as to improvements on property.....

BUILDING CONTRACTS

ALAMEDA COUNTY

$1,000 and Over Reported

The following is an index for the contracts for this issue:

No.	Owner	Contractor	Amt.
5490	Allison	Allison	2250
5491	Norris	Owner	2500
5492	Chi-Omega	Corbett	2350
5493	Burkee	Mullen	4500
5494	Welch	Goodrich	5000
5495	Rabson	Rabson	1750
5496	Karpow	Owner	3200
5497	Tisch	Sommarstrom	7000
5498	Noack	Owner	2500
5499	Cort	Owner	60000
5500	Schlanker	Jones	12350
1	Suuronen	Roth	3600
2	Gumpel	Knight	15000
3	Alameda Land Co	Fish	3500
4	Commercial	Owner	7500
5	Daniel	Burritt	4000
6	Whiteside	Richmond	3000
7	Millett	Owner	3000
8	Rothamel	Baughman	1000
9	Alameda	Shipman	3400
10	Myers	Graham	6250
11	Greenberg	Kulchar	1500
12	Bank of Italy	Federal	1500
13	Pfrang	Owner	4500
14	Horn	Nelson	1000
15	Werner	Owner	2000
16	Bailey	Constable	5000
17	Newby	Owner	3500
18	Pfrang	Owner	5000
19	Drost	Owner	3000
20	Stearn	Owner	1600
21	Nickols	Owner	9000
22	Bickell	Nichols	1200
23	Lewis	Mullen	4000
24	Moyer	Rose	8250
25	California	McGinty	23438
26	Chi Omega	Corbett	110
27	Bramlage	Owner	6000
28	Smith	Thaxter	6000
29	Pacific	Thornalley	2000
30	Deuble	Lindquist	4000
31	Bates	Blackman	3250
32	Cosgrove	Isakson	4000
33	Anderson	Owner	6000
34	Hahn	Rose	5500
35	Grubb	Owner	4000
36	Viara	Petersen	1425
37	Usevich	Owner	1000
38	Bogatgis	McCord	1000
39	Potter	Perry	3000
40	Nurmi	Owner	1500
41	Teeney	Sutcliff	2000
42	Waye	Owner	4000
43	Lange	Owner	5000
44	Carr	Oakland	16000
45	Ampersait	MacKerricker	3500
46	Marquis	Owner	5000
47	Mangini	Lundgren	1200
48	Kruft	Dahl	3500
49	General	Mullen	1800
50	Cadematori	Strong	8000
51	McKinley	Oakland	6000
52	Marquis	Owner	2500
53	Calif. Home	Baccus	1300
54	Calter	Blome	3000
55	Rankin	Owner	4000
56	Bayard	Castle	4800
57	Prince	Owner	6000
58	Cox	Kennedy	7000
59	U. of C.	Bates	335000
60	Okell	Westlund	16472

DWELLING

(5490) NO. 1200 DWIGHT WAY, Berkeley. One-story 4-room dwelling

Owner—C. H. Allison, 34 Brookside St., Berkeley.

Architect—None

Contractor—H. Allison, 1221 Parker St., Berkeley. $2250

DWELLING

(5491) NO. 2257 GLEN, Berkeley. One story 4-room dwelling.

Owner—Justus Norris, 3732 Grove St., Oakland.

Architect—None $2500

REPAIRS

(5492) NO. 2735 HASTE, Berkeley. Fire repairs.

Owner—Chi Omega Fraternity, Prem.

Architect—None.
Contractor—Corbett & Bayliss, 1110 Franklin St., Oakland. $2350

ALTERATIONS
(5493) NO. 2235 SHATTUCK AVE., Berkeley. Alterations.
Owner—W. R. Burkee.
Architect—None.
Contractor — Mullen Mfg. Co., 64 Rausch St., S. F. $4500

DWELLING
(5494) N CREED RD. 50 E Cavanaugh, Oakland. 1-story 5-room dwelling.
Owner—E. T. Welch, 1424 Franklin St., Oakland.
Architect—None.
Contractor—D. H. Goodrich, 2923 Newbury St., Berkeley. $5000

DWELLING
(5495) W HIGH ST. 104 N Allendale, Oakland. 1-story 3-room dwelling.
Owner—N. B. Rabson, 3045 35th Ave., Oakland.
Architect—None.
Contractor—E. A. Rabson, 3045 35th Av Oakland. $1750

DWELLING
(5456) 2309 ROSEDALE Ave., Oakland 1-story 4-room dwelling.
Owner—K. Karpow, 2029 40th Ave., Okd
Architect—None. $3200

ALTER & ADD.
(5497) 2821 TELEGRAPH, Oakland. Alter & Add.
Owner—John Tisch, Oakland.
Architect—None.
Contractor—M. F. Sommarstrom, 2215 Park Blvd., Oakland. $7000

ADDITION
(5498) 1345 E-TWELFTH ST., Oakland. Addition.
Owner—N. A. Novack, Oakland.
Architect—None. $2500

APARTMENTS
(5499) W JACKSON ST. 300 N 14th St. Oakland. 3-story 52-room apts.
Owner—Cort Investment Co., 306 14th St., Oakland.
Architect—None. $60,000

FLATS
(5500) S MANILA AVE 300 E College, Oakland. 2-story 14-room flats.
Owner—Fanny Schlanker, S. F.
Architect—None.
Contractor—S. Jones, 5829 Lawton Ave Oakland. $12,350

DWELLING
(1) NO. 2206 ALAMEDA AVE., Alameda. One-story 5-room dwelling.
Owner—Richard Suuronen.
Architect—None.
Contractor—Conrad Roth, Hayward. $3600

APARTMENTS
(2) NO 2444-46 CENTRAL AVE., Alameda. Two-story 16-room apartments.
Owner—E. M. Gumpel.
Architect—None.
Contractor—Harry C. Knight, 383 12th Oakland. $15,000

DWELLING
(3) NO. 1547 MORTON ST., Alameda. One-story 5-room dwelling.
Owner—Alameda Land Co., 1434 Park St., Alameda.
Architect—None.
Contractor—M. H Fish, 1333 Fountain St., Alameda. $3500

ALTERATIONS
(4) NO. 1364 PARK ST., Alameda. Alterations and repairs.
Owner — Commercial National Bank, Alameda.
Architect—None. $7500

DWELLING
(5) NO. 1415 VERSAILLES AVE., Alameda. One-story 5-room dwlg.
Owner—J. Daniel, 546 41st, Oakland
Architect—Slocombe & Field, American Bank Bldg., Oakland.
Architect—Burritt & Shealey, 2766 Kingsland Ave., Oakland. .. $4000

DWELLING
(6) NO. 3015 CAPP ST., Oakland. One story 6-room dwelling.
Owner—Wm. Whiteside, SE Cor. 35th Ave and E-12th St., Oakland.
Architect—None.
Contractor—Richmond & Amsden, 2196 Harrington Ave., Oakland. $3000

DWELLING
(7) W EIGHTIETH AVE 186 N Holly St., Oakland One-story 6-room dwelling.
Owner—H. Millett, 1621 80th Ave., Oakland.
Architect—None. $3000

GARAGE
(8) E FIFTH AVE 100 N E-16th St., Oakland. Garage.
Owner—G. A. Rothamel, 1977 Telegraph Ave., Oakland.
Architect—None.
Contractor—J. Baughman $1000

DWELLINGS
(9) E LOMA VISTA 132 and 177 N California, Oakland. Two one-story 4-room dwellings.
Owner—Alameda Invst. Co., Syndicate Bldg., Oakland.
Architect—None.
Contractor—C. A. Shipman, 1437 69th Ave., Oakland. $1700 each

ALTERATIONS
(10) NO. 138 NINTH ST, Oakland. Alterations and additions.
Owner—Chas D. Myers, Madison Apts., Oakland.
Architect—None.
Contractor—E. H. Graham, 152 Grand Ave., Oakland. $6250

ALTERATIONS
(11) NO. 1424 SAN PABLO AVE., Oakland. Alterations.
Owner—Greenberk & Lipsig.
Architect—None.
Contractor—S. Kulchar & Co., 8th Ave and E-10th St., Oakland. $1500

SIGN
(12) NE STANFORD AVE AND SAN Pabla, Oakland Electric sign.
Owned—Bank of Italy.
Architect—None.
Contractor—Federal Elec. Co., Oakland $1500

DWELLING
(13) NO. 461 SIXTY-FIFTH ST., Oakland. One-story 5-room dwelling.
Owner—C. J. Pfrang, 480 Forest St., Oakland.
Architect—None. $4000

ALTERATIONS
(14) NO. 2001 THIRTY-EIGHTH AVE. Oakland. Alterations
Owner—Mrs. C. Horn.
Architect—None.
Contractor — John Nelson, 2324 13th Ave., Oakland. $1000

DWELLING
(15) NO. 2317 SIXTH ST., Berkeley. One-story 5-room dwelling.
Owner—Chas. A. Werner, 2416 10th St., Berkeley.
Architect—None. $2000

DWELLING
(16) NO. 591; ATHOL AVE., Oakland. One-story 6-room dwelling.
Owner—F. E Mailey, 1803 Carlton St., Berkeley.
Architect—None.
Contractor — W. C. Constable, 3306 1School St., Oakland. $5000

DWELLING
(17) E EIGHTY-SIXTH AVE 65 N Dowling, Oakland. One-story five-room dwelling.
Owner—P. A. Newby, 2263 Auseon Ave. Oakland.
Architect—None. $3500

DWELLING
(18) NO. 5850 LAWTON AVE., Oakland One and one-half-story 6-room dwelling.
Owner—H. C. Pfrang, 5659 Ocean View Drive, Oakland.
Architect—None. $5000

DWELLING
(19) NO. 3720 LYON AVE., Oakland. One-story 5-room dwelling.
Owner—J. Drost, 3006 Fruitvale Ave., Oakland.
Architect—None. $3000

DWELLING
(20) NO. 3844 REDDING ST., Oakland. One-story 2-room dwelling
Owner—A. A. Stearn, 765 Aileen St., Oakland.
Architect—None. $1600

DWELLINGS
(21) N E-TWENTY-FOURTH ST. 60 & 100 W 9th Ave., Oakland. Two 1-story 6-room dwellings.
Owner—C. K. Nichols, 355 12th St., Okd.
Architect—None. $4500 each

ALTERATIONS
(22) E WEBSTER ST 40 S 49th St., Oakland. Alterations and additions.
Owner — Sarah Hattie Bickell, 4880 Webster St., Oakland.
Architect—None.
Contractor—G. C. Nicholls, 1937 88th Ave., Oakland. $1200

ALTERATIONS
(23) 1226 WASHINGTON ST., Oakland. Alterations.
Owner—Lewis Shoe Co., Inc., Oakland.
Architect—None.
Contractor—Muller Mfg. Co., 64 Rausch St., S. F. $4000

FLATS
(24) S JEAN ST 100 W Grand Ave., Oakland. 2-story frame flats.
Owner—Dr. J. J. Moyer and Ida Moyer, 302 Perry St., Oakland.
Architect—None.
Contractor—Mervin P. Rose, 940 Oxford Tt. Berkeley.
Filed Jan. 2, 1923. Dated Oct. 19, 1922.
Frame up $2050
Brown coated 2050
Completed and accepted 2050
Usual 35 days 2100
TOTAL COST, $8250
Bond, none; Sureties, none; Forfeit, none; Limit 90 days; Plans and specifications filed.

WAREHOUSE
(25) W FILBERT ST bet 1st and 3rd Sts., Oakland. Two-story reinforced concrete warehouse.
Owner—California Packing Corp., 101 California St., S. F.
Engineer—Philip L. Bush, 101 California St., S. F.
Contractor—W. G. McGinty & Sons, 212 Federal Realty Bldg., Oakland.
Filed Jan. 2, 1923. Dated Dec. 29, 1922.
Second floor forms in place....$3000
First floor poured 2000
Second floor conc. poured..... 3000
Roof forms in place 3000
Roof conc. poured 3000
Completed and accepted 4578
Usual 36 days 5860
TOTAL COST, $23,438
Bond, $11,719; Sureties, Globe Indemnity Co.; Forfeit, none; Limit, 85 days; Plans and specifications filed.

ADDITION
(26) NO. 2735 HASTE ST., Berkeley. Addition.
Owner—Chi Omega Fraternity, Prem.
Architect—None
Contractor — Corbett & Bayliss, 1110 Franklin St., Berkeley. $1100

DWELLING
(27) NO. 916 INDIAN ROCK, Berkeley Two-story 7-room dwelling.
Owner—E. D. Bramlage and H. Aronsen, 1728 San Lorenzo St., Bkly.
Architect—None. $6000

FLATS
(28) NO. 2349-51 WOOLSEY ST., Berkeley. Two-story 8-room dwlg.
Owner—W. Gus Smith, 2347 Prince St., Berkeley
Architect—None.
Contractor—F. W. Thaxter, 2117 Derby St., Berkeley. $6000

ALTERATIONS
(29) S FORTY-FIFTH ST. 100 E Telegraph, Oakland. Alterations.
Owner—Pac. Tel. & Tel. Co., Sheldon Bldg., San Francisco.
Architect—None.
Contractor—W. G. Thornalley, 357 12th St., Oakland. $2000

DWELLING
(30) S HOLWAY 120 & 156 W 62d Ave. Oakland 2 1-story 4-room dwlgs.
Owner—C. G. Deuble, 1433 Franklin St., Oakland.
Architect—None.
Contractor—C. W. Lindquist, 1586½ Pacific Ave., Oakland. $2000 ea.

DWELLING
(31) E-SEVENTY-NINTH AVE. 143 S Holly St., Oakland. 1-story 5-room dwelling.
Owner—Jane Bates, 2330 Telegraph Av. Oakland.
Architect—None.
Contractor—E. L. Blackman, 4221 E-14th St., Oakland. $3250

DWELLING
(32) W ATHOL AVE. 80 S McKinley, Oakland. 1½-story 5-room dwlg.
Owner—Wm. Cosgrove, 500 E-18th St., Oakland.
Architect—None.
Contractor—Isakson & Sons, 3060 Dellview, Oakland. $4000

DWELLING
(33) S PERKINS ST. 74 E Adams, Oakland. 1-story 7-room dwelling.
Owner—George W. Anderson, 251 Perkins St., Oakland.
Architect—None. $6000

DWELLING
(34) 657 ROSAL AVE., Oakland. One-story 6-room dwelling.
Owner—H. V. Hahn, Oakland.
Architect—None.
Contractor—Mervin P. Rose, 940 Oxford St., Berkeley. $5500

DWELLING
(35) 715 SANTA RAY AVE., Oakland. 1-story 6-room dwelling.
Owner—Jas. B. Grubb, 530 Hobart St., Oakland.
Architect—None. $4000

ADDITION
(36) 1748 TWENTY-FIRST AVENUE, Oakland. Addition.
Owner—F. Viara, Oakland.
Architect—None.
Contractor — J. B. Petersen, 2053 38th Ave., Oakland. $1425

ALTERATIONS
(37) 1538 TENTH AVE., Oakland. Alterations.
Owner—N. T. Usovich, premises, Okd.
Architect—None. $1000

GARAGE
(38) N TWENTY-SEVENTH ST. 150 E San Pablo, Oakland. 1-story tile garage.
Owner—D. Bogatgis, 595 Williams St., Oakland.
Architect—None
Contractor—J. A. McCord, 1517 Market St., Oakland $1000

DWELLING
(39) S E-TWENTY-FOURTH ST. 200 W 17th Ave., Oakland. 1-story 5-room dwelling.
Owner—R. W. Potter, 733 Haight Ave., Alameda.
Architect—None.
Contractor—J. F. Perry, 7331 Haight Ave., Oakland. $3000

DWELLING
(40) NO. 1512 BELVEDERE, Berkeley One-story 3-room dwelling.
Owner—F. Nurmi, 1518 Belvedere Ave., Berkeley.
Architect—None. $1500

DWELLING
(41) NO. 1318 BANCROFT, Berkeley One-story 4-room dwelling.
Owner—Thomas Teeney, 4683 18th St., San Francisco.
Architect—None.
Contractor—Sutcliff & Hitchcock, 2902 Chestnut St., Oakland. $2000

DWELLING
(42) NO. 1711 SAN PEDRO, Berkeley. One-story 6-room dwelling.
Owner—F. L. Waye, 1734 Tacoma Ave., Berkeley.
Architect—None. $4000

DWELLING
(43) NO. 695 ARIMO ST., Oakland. One-story 6-room dwelling.
Owner—C. E. Lange, 428 Perkins St., Oakland.
Architect—None. $5000

FLATS
(44) NW BROADWAY AND ADA STS. Oakland. Two-story 16-room flats
Owner—Irene Vander Carr, 1320 Pearl St., Alameda.
Architect—None.
Contractor—Oakland & S. F. Improve-Co., Merchants' Exchange Bldg., Bldg., S. F. $16,000

DWELLING
(45) E CHAMPION 35 S Montana, Oakland One-story 5-room dwlg.
Owner—M. Ampersait, Hotel Savoy, Oakland.
Architect—None.
Contractor—R. A. MacKerricker, 3449 Fruitvale Ave., Oakland. $3500

DWELLINGS
(46) NO. 1972 AND 1982 FORTIETH Ave., Oakland. Two one-story 4-room dwellings.
Owner—E. M. Marquis, 2827 Russell St., Berekeley.
Architect—None. $2500 each

ALTERATIONS
(47) NO. 660 FORTY-SIXTH ST., Oakland. Alterations and additions.
Owner—D. S. Mangini.
Architect—None.
Contractor—H. Lundgren, 1110 Parker St., Berkeley. $1200

DWELLING
(48) NO. 2301 FOURTEENTH AVE., Oakland. One-story 5-room dwlg.
Owner—Emils L. Kruft, 54 Auburn St., San Francisco.
Architect—None.
Contractor—Edwin W. Dahl, 2436 E-24th St, Oakland. $3500

ALTERATIONS
(49) SE FOURTEENTH AND BROADway, Oakland. Alterations.
Owner—General Cigar Co.
Architect—None.
Contractor—Mullen Mfg. Co., 64-68 Hausch St., San Francisco. $1800

DWELLING
(50) E HADDON ROAD 85 W Hillgirt Circle, Oakland. Two-story 7-room dwelling.
Owner—Paul Cadematori.
Architect—None.
Contractor—Fred Strang, 1107 Paru St., Alameda. $8000

ALTERATIONS
(51) NO. 484-88 NINTH ST., Oakland. Alterations
Owner—McKinley Market, 487 9th St., Oakland.
Architect—None.
Contractor—Oakland Refrigerator Co., 2766 Grove St., Okd. $6000

DWELLING
(52) NO. 2319 RANSOME AVE., Oakland. One-story 5-room dwlg.
Owner—E. M. Marquis, 2827 Russell St., Berkeley.
Architect—None. $2500

ALTERATIONS
(53) NO. 444 SEVENTEENTH, Oakland Alterations.
Owner—California Home Invst. Co.
Architect—None.
Contractor—W. J. Baccus, City Hall, Oakland. $1300

DWELLING
(54) NO. 2587 SIXTY-FIRST AVE., Oakland. One-story 5-room dwlg.
Owner—Clifford Calter, 2018 83rd Ave., Oakland.
Architect—None.
Contractor—C. Blome, 2014 83rd Ave., Oakland. $3000

DWELLING
(55) SW SIXTIETH AND COLBY, Oakland One-story 6-room dwlg.
Owner—J. L. Rankin, 6082 Claremont Ave., Oakland.
Architect—None. $4000

FACTORY
(56) SE TWENTY-FIRST AND ADEline, Oakland. One-story factory.
Owner—P. C. Bayard, Bacon Bldg., Okd
Architect—Geo. O'Brien, Bacon Bldg., Oakland.
Contractor—Castle & Peters, 1710 E-20th St., Oakland. $4800

ADDITION
(57) TWENTY-NINTH AND RAILroad Ave, Oakland. Addition.
Owner—H. G. Prince Co.
Architect—None. $5000

ALTERATIONS
(58) NO. 1222 WASHINGTON, Oakland. Alterations.
Owner—W. J. Cox.
Architect—None.
Contractor—F. T. Kennedy, 434 9th St., Oakland. $7000

GRADING, ETC.
(59) UNIVERSITY OF CALIFORNIA Grounds, Berkeley. Grading and foundations, tunnels, etc.
Owner—Regents of U. of C.
Architect—John Galen Howard, Edw. E. Carpenter and Geo. F. Buckingham.
Contractor—Bates & Borland.
Filed Jan 3, '23. Dated Jan. 3, '23.
On 10th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $335,000
Bond, $170,000. Sureties, Charles D. Bates and Archibald Borland. Limit, May 24, 1923. Forfeit, $250. Plans and specifications filed.

DWELLING
(60) LOT 25 & PTN LOT 26 MAP Crocker Highlands, Oakland. Two-story frame dwelling.
Owner—Mrs. Harriet W. Okell, Oakland
Architect — Wm. E. Milwain, Pacific Bldg., Oakland.
Contractor—Fred J. Westlund, 351 12th St., Oakland.
Filed Jan. 4, 1923. Dated Jan. 4, 1923.
Frame up ..... ¼
Brown coated ..... ¼
Completed and accepted ..... ¼
Usual 35 days ..... ¼
TOTAL COST, $16,472
Bond, none; Sureties, none; Forfeit, $5 day; Limit, 90 days; Plans and specifications filed.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Accepted

Dec. 29, 1922—NW SUNNYSIDE Drive 978 NE E-Fourteenth NE 52.84 NW 181.93 SW 53.10 SE.. 181.87, San Leandro. Emma E Starr to Darling, Harding & Co... .....Dec. 23, 1922

Dec. 29, 1922—LOT 100 Map Resbdvn Blk "D" Meek Estate Orchards, Hayward. Lloyd Benson to A F Hanson.....Dec 23, 1922

Dec. 29, 1922—LOT 3 Map Spring Court, Berkeley. A H Pallen to whom it may concern..Dec. 26, 1922

Dec. 29, 1922—PTN LOTS 23 AND 24 Blk 5/2584, Berkeley Heights, Berkeley. T H Yeager to Thos A Cuthbertson.....Dec. 26, 1922

Dec. 29, 1922—LOT 11 BLK 4, Map Berkeley Heights, Berkeley. Howard E Bennett to Charles C Williams.....Dec. 22, 1922

Dec. 30, 1922—E 42 LOT 16, Ashley Tract, Oakland. Herman H Pflug by W B Wilson to R A MacKerricher .....Dec. 28, 1922

Dec 30, 1922—W HILLEGASS AVE 95 S Webster S 65xW 120, Berkeley Harry E Reilly to H C Andresen.. .....Dec. 29, 1922

Dec. 30, 1922—W JAMES AVE 216.6 S Clifton S 49xW 100, Oakland. William Morgensen to A and William Margensen.....Dec. 27, 1922

Jan. 2, 1923—LOT 13 BLK "K" Northbrae Terrace,Berkeley. Susie M Light to A Cederborg..Dec 29, 1922

Jan. 2, 1923—W TELEGRAPH AVE 45 S 38th St., Oakland. Robt M and Percy Robins to Alex C Wieben.....Jan. 2, 1923

Jan. 3, 1923—NW 20 LOT 5, all Lot 6 Blk 16 Map Key Route Heights, Oakland. K Moore to whom it may concern.....Jan. 2, 1923

Jan. 3, 1923—N BERKELEY WAY 100 W Grant W 50xN 125, Berkeley. Mary E and Melville E Cramer to Frank L Watson..... .....Jan. 2, 1923

Jan. 3, 1923—S HOPKINS 211.5 W Dimond Ave Ext S 170 E 32 S 109-9 W 16.5 N to Hopkins St. E 81, Oakland. Katherine A Meyer to whom it may concern.Jan 2, 1923

Jan. 4, 1923—LOT 7 BLK "C" Map Bella Vista Park, Oakland. Geo C and Edna R Carter to whom it may concern.....Jan. 2, 1923

Jan. 4, 1923—LOT 8 BLK 3, Berkeley Heights, Berkeley. Brooks C Parker to whom it may concern.. .....Jan. 3, 1923

Jan. 4, 1923—W FORTY-SEVENTH Ave bet. Melrose and Ygnacio Aves., Oakland. W M Woodward to T Holton.....Jan. 2, 1923

Jan. 4, 1923—LOT 28 BLK "F" Northbrae Terrace, Berkeley. C J Krieger to whom it may concern .....Jan. 1, 1923

Jan. 4, 1923—NW HAAS AVE 247.94 N E-14th NE 84.62 NW 263.84 SW 84.62 SE 264.62, San Leandro. Helen Bradley to Ernest Andersen..... .....Dec. 30, 1922

LIENS FILED

ALAMEDA COUNTY

Recorded Amount

Dec. 29, 1922—LOT 10 MAP EMMONS Tract Alameda. Contra Costa Building Materials Co. vs. Geo. E. Garcia Niles W. Place, Mrs. A. J. Coogan $262.50

Dec. 30, 1922—W POTTER 140.50 N Fairfax N 40xW 111, Oakland. C J A Mattson vs Anker and Marie Benson $153

Jan. 2, 1923—SW TWELFTH AND Campbell W 60xS 100, Oakland. C H Maloon vs Gus Meyer.....$147

Jan. 2, 1923—SW TWELFTH AND Campbell W 60xS 100, Oakland. Dahlquist & Sandin vs Gus Meyer $198.99

Jan. 3, 1923—LOT 8 BLK "H" Map Fourth Avenue Terrace, Oakland. Dolan Wrecking Co vs Joe Silva, R O and Lenore G Miller.....$295.90

Jan. 4, 1923—W FOURTEENTH AV at Junction E-27th St. & Vallecito Ave., Oakland. Daniel Hart vs R De Baere and Mrs. R De Baere $367.52

Jan. 4, 1923—LOTS 1 AND 2 and S 4½ Lot 3, all Lots 32, 33 and 34 Map Casserly Tct, Oakland Garrett Lumber Co vs W J Myers, John G and Nellie V Sjoberg.....$508.32

Jan. 3, 1923—105TH AVE and NE Pontiac NW 240 fm pt beg NW 200 xNE 100, Oakland. Ambrose Bros vs Nannie Catching and F Johnson $377

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded Amount

Dec. 29, 1922—S 40 Sbdvn 1 Lot 4, Map Sbdvn ½ acre Lots Hays and Caperton Tract, Alameda. E K Wood Lumber Co to Benedetto Cerruti and J P Silva $663.08

Notice of Non-Responsibility

ALAMEDA COUNTY

Dec. 29, 1922—SW 12½ LOT 2 ALL Lot 3 & NE 10 Lot 4 Blk 7 Map Key Route Heights, Oakland. Alameda Investment Co. as to improvements on property .....

Dec. 30, 1922—LOTS 5 AND 6 BLK 19, Map Key Route Heights, Oakland. Alameda Investment Co as to improvements on property...

BUILDING CONTRACTS

SACRAMENTO COUNTY

$2500 and Over Reported

DWELLING one-story 7-room and garage, $6400; No. 1248 37th St., Sacramento; owner, Geo. Spilman, 4225 T St., Sacramento; contractor, Jas. T Ransdall, 1055 41st St., Sacramento.

STEEL and reinforced concrete building, $389,000; Block L, N, 9th and 10th Sts., Sacramento; owner, State of California; contractor, K. E. Parker Co., 509 California St., San Francisco.

REPAIR ice house, $10,000; 1700 22nd St., Sacramento; owner, Buffalo Brewing Co., 1717 21st St., Scto.

DWELLING (2-story 9-room) and garage, $8566; 1724 39th St., Sacramento; owner, Dr. E. H. Pitts, Physicians Bldg., Sacramento; contractor, Barton & Kopp, 619 J St., Sacramento. Received Jan. 3, 1923.

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Abstract & Title Co.
Capital Stock $100,000
Sacramento, Placerville, Nevada City, Reno
SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Amount

Dec. 28, 1922—LOT 85 New Era Park, Sacramento. H W Averill to whom it may concern.....Dec. 27, 1922

Dec. 30, 1922—LOT 4 Price Villa, Sacramento. Paul R Opdyke to whom it may concern..Dec. 20, 1922

LIENS FILED

SACRAMENTO COUNTY

Recorded Amount

Dec. 29, 1922—W ½ LOT 3, 1, J, 28th and 29th Sts., Sacramento. Friend & Terry Lumber Co vs J W Brown et al $1497.27

Dec. 29, 1922—N 80 FT. LOT 8, L, M, 16th and 17th Sts., Sacramento Superior Lumber & Fuel Co vs Mary E Hoffman et al.....$348.90

Dec. 30, 1922—LOT 8, L, M, 16th and 17th Sts., Sacramento. Allyn L Bun vs Mary E Hoffman et al..$220

Jan. 2, 1923—TRACT 10 ADD'N 3, Citrus Heights, Sacramento. Diamond Match Co vs A Carlson et al $94.95

Jan. 3, 1923—N ½ LOT 8, L, M, 16th and 17th Sts., Sacramento. Palm Iron & Bridge Works vs Mary E Hoffman et al.....$106.60

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

$2,500 and Over Reported

RESIDENCE, $4500; No 1046 West Willow St., Stockton; owner, Mark Brunton, 739 Channel St., Stockton

RESIDENCE, $4800; No. 1859 N-Edison St., Stockton; owner, Frank Toolan 916 S-Monroe St., Stockton.

RESIDENCE, $1500; 706 East 2nd St., Stockton; owner, D. Brogunte, Stockton.

LIENS FILED

SAN JOAQUIN COUNTY

Recorded Amount

Dec. 28, 1922—PTN OF THE E ½ OF Sec 83, Weber Grant, Stockton. E D, CW and R J Burns vs Enrico Noceti and Antonio Sangulnetti.$106

BUILDING CONTRACTS

SANTA CLARA COUNTY

$1,000 and Over Reported

SCHOOL

GILROY. Steam heating, ventilating and heat regulating system for school.

Owner — Gilroy High School District, Gilroy.

Architect—Wyckoff & White, Growers' Bank Bldg., San Jose.

Contractor—P. J. Enright, 2720 McAllister St., San Francisco.

Filed Dec. 26, '22. Dated Dec. 16, '22.

As work progresses..... 75%

Usual 35 days..... 25%

TOTAL COST, $22,002

Bond, $22,002. Surety, Fidelity & Deposit Co of Maryland. Limit, on or before July 1, 1923. Forfeit, $5. Plans and specifications filed.

GARAGE

S-FIRST ST. near Williams, San Jose. All work for reinforced concrete and frame garage building.

Owner—Tony Costa and Harry Miller, San Jose.

Architect—Charles S. McKenzie, Bank of San Jose Bldg., San Jose.

Contractor—Megna & Newell, 866 N-17th St., San Jose.

Filed Dec. 22, '22. Dated Dec. 15, '22
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, $17,334
Bond, $9000. Surety, Hartford Accident & Indemnity Co. Limit, 100 working days from Dec. 22, 1922. Forfeit, none. Plans and specifications filed.

COTTAGE, five-room, $2500; Coe St. nr. Bird, San Jose; owner, Carl Isaksen.

ALTER business building, $8000; No. 143 S-First St., San Jose; owner, Jas. A. Beatty; architect, F Krause 334 S-8th St., San Jose; contractor, H. A. Bridges, Pine and Lincoln Sts., San Jose.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Accepted
Dec. 22, 1922—SAN JOSE.. Marie E Serpa to whom it may concern... .....Dec. 22, 1922
Dec. 26, 1922—SAN JOSE. Pacific Gas & Electric Co to P A Smith Co... .....Dec. 19, 1922
Dec. 26, 1922—SUNNYVALE. Alice L De Witt to whom it may concern .....Dec. 15, 1922
Dec. 27, 1922—NEAR SAN JOSE. Howard Schmidt to Z O Field & Son.....Dec. 18, 1922
Dec. 28, 1922—NO 41 PORTER AVE., San Jose. Cecil W Birnbaum to whom it may concern..Dec. 23, 1922
Dec. 28, 1922—NO. 375 S-17TH ST., San Jose. John Hale Larkey to H W Dangerfield.....Dec. 27, 1922
Dec. 28, 1922—SANTA CLARA. A D Guidotti to San Jose Granite & Marble Co.....Dec. 18, 1922
Dec. 29, 1922—SAN JOSE. John J Gomes to E E Weldon..Dec. 28, 1922
Dec. 29, 1922—NO. 33 MOORPARK Ave., San Jose Andrew Glumaz to E A Draper.....Dec. 29, 1922
Dec. 29, 1922—LOS ALTOS. Alice N Wilkins to George Jacobsen..... .....Dec. 26, 1922

BUILDING CONTRACTS

FRESNO COUNTY

$5000 and Over Reported

HOTEL BLDG.
LOTS 1 TO 6 BLK 81, Fresno. All work for ten-story reinforced concrete hotel building.
Owner—Sun Maid Hotel Corp., Fresno.
Architect—H. R. Lake and R. F. Felchlin Co., Bank of Italy Bldg., Fresno.
MILL WORK to Fresno Planing Mill, Fresno, $29,925.72
PLUMBING, HEATING AND SHEET Metal Work to Barrett-Hicks Co., 1031 Broadway, Fresno, $99,214.
BRICK WORK to Paul Kindler, 145 North Van Ness, Fresno, $29,902.
COMPOSITION ROOFING to Valley Lumber Co., H & Mono Sts., Fresno, $2,200.50.
GLASS to W. P. Fuller & Co., Fresno, $10,780.
CERAMIC TILE to Valley Tile Co., 801 Broadway, Fresno, $8,910.
MARBLE WORK to Mission Marble Co., 365 Guerrero St., San Francisco. $8,400.
CARPENTRY and CONCRETE WORK to R. F. Felchlin Co.
WIRING to Valley Electric Supply Co., 117 Tulare St., Fresno, $23,147.50.
SPRINKLERS, ETC., to Turner Co., San Frencisco, $2660.
PAINTING to D. Zelinsky, 180 Jessie St., San Francisco, $19,092.
EXCAVATION to Thompson Bros., Fresno.
TILE ROOFING to C. E. McMullin, Fresno, $870.
PLASTERING to A. Knowles, Call Bldg San Francisco, $115,300.
STEEL WORK to Edw. L. Soule, Rialto Bldg., San Francisco, $47,260.
ORNAMENTAL IRON WORK to Sartorius Co., 15th and Utah Sts., San Francisco, $18,650.
Each contract filed Dec. 29, 1922; dated Nov. 29, 1922. Time (longest) 185 working days. Bonds of Paul Kindler, $14,951; of C. E. McMullin, $435 of A. Knowles, $67,650. Payments 75 % as work progresses, balance 35 days after completion.

REINFORCED concrete building, two story, $122,000; No. 2141 Tuolumne St., Fresno; owner, Y. W. C. A., 1306 Van Ness Ave., Fresno; architect, Miss Julia Morgan, Merchants' Exchange Bldg., San Francisco; contractor, R. F. Felchlin Co., Bank of Italy Bldg, Fresno.
DWELLINGS (2), $2600 each; No. 1512 Third St and No. 1505 Second St., Fresno; owner, J. F. Ewing, 388 Valeria St., Fresno; contractor, E. R. Morris, 2031 Lewis St., Fresno.
TWO dwellings and two garages, $3500 each; No. 1554 and 1562 Ferger Ave., Fresno; owner, Berton & Wolff, Bank of Italy Bldg., Fresno.
TWO dwellings, $3000 each; No. 1475-1483 Roosevelt Ave., Fresno; owner, Carl Gustafson, 2336 Harvey St., Fresno

COMPLETION NOTICES

FRESNO COUNTY

Recorded Accepted
Dec. 28, 1922—LOTS 17 & 18 Zapp's Park, Fresno. Maggie M Mitchel-tree and Clara B Anderson to whom it may concern..Dec. 27, 1922
Dec. 28, 1922—LOTS 19 AND 20 BLK 8, Sierra Vista Add'n., Fresno. L G Crowell to whom it may concern .....Dec. 27, 1922
Jan. 2, 1923—LOT 9 BLK 2 Wrigglesworth Addition, Fresno. W B Watson and A F Lambert to whom it may concern.....Jan. 2, 1923
Jan. 3, 1923—LOTS 8 AND 9 BLK 2 Stratford Place also Lot 21 S ½ Lot 22 Blk 334, Fresno. M D Bishop to whom it may concern.Dec. 28, '22

LIENS FILED

FRESNO COUNTY

Recorded Amount
Dec. 28, 1922—LOT 2 N Park Terrace Fresno. Barrett Hicks Co vs Nels N Nelson and M H Christiansen.. ....$1485

BUILDING CONTRACTS

SAN MATEO COUNTY

LOT 12 SUB NO. 1 SAN MATEO PARK, San Mateo. All work for one-story dwelling.
Owner—Evelyn C. Poett, San Mateo.
Architect—Howard & White, Lick Bldg. San Francisco.
Contractor—Charles Pedersen, 118 10th St., San Mateo.
Filed Dec. 28, 1922. Dated Dec. 23, 1922.
Framed $1737.50
Brown coated 1737.50
Completed and accepted..... 1737.50
Usual 35 days 1737.50
TOTAL COST, $6950
Bond, none; Sureties, none; Forfeit, none; Limit, before Mar. 23, 1923; Plans and specifications filed.

DWELLING, one-story frame, $3000; Lot 6 Blk 33, Western Addition, San Mateo; owner, W. Foley; contractor, W. T. Crook.

COMPLETION NOTICES

SAN MATEO COUNTY.

Recorded Accepted
Dec. 28, 1922—LOT 22 BLK 27, Easton Addition No. 2, Burlingame. E R and Martha G Ecker to Hemmes & Hultberg .....Dec. 9, 1922
Dec. 29, 1922—LOT 16 BLK 14 Easton No. 1, Burlingame. Lillian G McMain to Nelson & Shirkey..... .....Dec. 21, 1922
Dec 30, 1922—LOT 18 BLK 10, Easton No. 1, Burlingame Gladys Christie to Nelson & Shirkey..Dec. 29, 1922
Dec. 30, 1922—PTN LOT 11-B, Bowie Tract, Hillsborough. E K Howe to Raphael Zelinsky, Dec. 26; Frederick W Snook Co....Dec. 26, 1922
Jan. 2, 1923—LOT 21 BLK 47, Easton No. 1, Burlingame. Harry C Brown to whom it may concern.Dec. 26, '22
Jan. 2, 1923—LOT 7 BLK 1, Jefferson Acres, Redwood City. C H Holt to C Bragg.....Dec. 9, 1922
Jan 2, 1923—LOT 6 BLK 43, Easton No. 3, Burlingame. Harry C Brown to whom it may concern.. .....Dec. 26, 1922
Jan. 3, 1923—LOT 11 BLK 12, Burlingame Ter, Burlingame. Henry William and Emily Alice Taylor to whom it may concern.Jan 3, 1923
Jan. 3, 1923—LOTS 3 AND 4 BLK 14 Oak Knoll Manor, near Redwood City. Martin J Messich to whom it may concern.....Dec. 27, 1922

LIENS FILED

SAN MATEO COUNTY

Recorded Amount
Jan. 3, 1923—LOT 'E" BLK 10, Burlingame Land Co. No. 2, Burlingame. Thomas J Broderick vs Marian H Dwan.....1000

NEW LUMBER CONCERN LOOMS FOR KLAMATH

Establishment in Klamath Falls, Ore., of another large lumber industry is seen in the announcement of the purchase by S. O. Johnson of Pasadena, formerly a resident of Klamath Falls, and prominently indentified with lumbering developments, of a 190-acre mill site adjoining the city limits of Klamath Falls on the south and adjacent to the Strahorn and Southern Pacific Railroads.

Unconfirmed rumors are current to the effect that backed by Minnesota capitalist, Johnson is negotiating for the purchase of the Strahorn Railroad, adjacent to which he owns a 6,000-acre tract of timber and his associates further amounts. Queried at Pasadena, Johnson said:

"If we were contemplating the purchase of the Strahorn Railway, of course we would not be willing to discuss it now."

In other quarters it is believed that the Long Bell Lumber Company is behind Johnson, since that concern has large holdings on the Klamath Indian reservation, tributary to the Sprague River terminus of the Strahorn Railroad.

While Johnson refused to make a definite statement, it is understood that a modern mill, box factory and planer will be erected on the site, involving an investment bordering on $1,000,000. Surveys of the site include the building of two miles of railroad, connecting with the Strahorn and Southern Pacific lines.

The Big Lakes Box Company has purchased 8,000,000 feet of timber near Chiluquin and expects to operate the box factory here all Winter. The company's sawmill,idle this year, will resume March 1st with increased capacity.

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Published Every Saturday
Twenty-third Year No. 2

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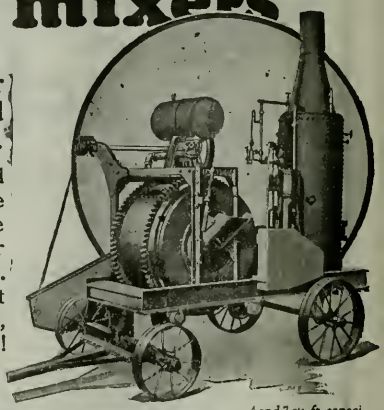

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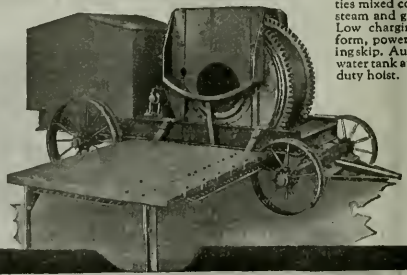

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Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

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HIGHWAY COMMISSION ASSETS COVER ALL OBLIGATIONS

A reserve of $12,470,796 in State Highway funds against a required reserve of $12,182,799 to cover budget obligations yet unfulfilled in the State Highway System is shown by a financial statement issued as of date of January 1, 1923, by the California Highway Commission. The report shows a balance of $287,996 available either for new budget items or for additional work.

The budget to which reference is made, was the basis upon which the $40,000,000 bond issue was voted. The budget, however, was not made a part of the bond issue, and had no legal or binding force on the Highway Commission.

Discussing budget obligations, the Commission in its biennial report just submitted to Governor W. D. Stephens, says:

"In the expenditure of the $40,000,000 bond funds, the Commission early adopted the policy that it would consider as binding the budget prepared by the proponents of the bond issue, and later ratified by the state legislature, although the budget itself was not made a part of the text of the bond issue. It was the opinion of the Commission that one road should not be robbed to build another. Strenuous efforts to force the abandonment of the budget were steadfastly resisted by the Commission. Despite the abnormal cost conditions, on November 1, 1922, there was a sufficient sum available to meet every budget obligation."

OREGON WILL SPEND $15,000,000 FOR HIGHWAYS

Income of the Oregon state highway department for 1923-24, as estiamted by state officials, will aggregate $21,250,000.

With the exception of $7,000,000 all of this money has been obligated in connection with fixed expenses. These obligations include maintenance, bond interest, operating expenses and other items. Of the $7,000,000 not already obligated $750,000 will go to the Federal government for forest roads.

Approximately $500,000 will be expended in completing post roads and $3,500,000 will be used in post-road projects not yet agreed upon between the state and the government. Approximately $2,500,000 will be on hand for road construction, over which the bureau of public roads has no authority.

On January 1 of this year there was in the state highway fund, exclusive of market road money, $2,256,179.10. Added to this will be authorized bond issues and earnings of the state highway department aggregating not less than $7,574,000.

Taking these figures into consideration, Herbert Nunn, state highway engineer, said approximately $15,000,000 will be available for expenditure under state jurisdiction during the present biennium. Besides this money there also will be several millions of federal, county and railroad funds on hand for highway and bridge work.

NO DECREASE IN SIGHT IN PRICE OF COMMON BRICK

No decrease in the price of brick is seen in a survey of the building field made by the Common Brick Manufacturers' Association of America, which says the shortage of coal and high labor prices have combined to decrease the brick reserve of the country and keep production costs high. Reports made by ninety-seven brick concerns throughout the United States show that during December 94,000,000 brick were produced in the country. Speaking of the brick price outlook the report says:

"While it is expected and hoped that the trend of prices during the next five or ten years will be gradually downward, it is not safe at this time to predict that building can be done at any lower cost per cubic foot during the 1923 period than prevailed during the year just past."

1922 MUNICIPAL BONDS EXCEED $1,250,000,000

State and municipal borrowing reached its peak in 1921 with total bond issues of $1,383,368,900. According to the estimate made by "The Daily Bond Buyer," bond sales by all States and municipalities and United States insular possessions will amount to $1,253,862,437 for the full year 1922.

The vast increase in such bonds in recent years is explained by the increase in construction costs, the expansion of the nation's road building program, the payment by States of soldiers' honuses and the normal growth of the country.

However, it is believed that 1921 and 1922 represent periods when unusually heavy outlays of borrowed capital by local governmental units were necessary, and there are many indications that the requirements for succeeding years will be substantially reduced.

AID FOR CONTRACTORS SUFFERING LOSSES DUE TO GOVERNMENT ORDERS

The House committee on naval affairs on December 30 favorably reported the bill (S.32) providing for the relief of contractors, subcontractors and material men who have suffered loss by reason of government orders.

The bill seeks to provide means for reimbursing contractors under the Navy Department on contracts made between the declaration of war and the armistice or made before the declaration of war and due for completion thereafter for losses and damage caused by governmental action. Most of the claims have arisen out of the adverse rulings of the accounting officers of the Treasury, who were forced to act under statutes which were not sufficiently elastic to meet the exigencies of the war. Similar legislation has already been enacted to apply to contracts of the Post Office Department, public buildings work under the Treasury Department, and rivers and harbors and other War Department contracts. This bill does not seek to legalize informal contracts, but only to open the way for the correction of apparent injustices which have arisen under contracts formally entered into and were not forseen when the contracts were made.

HALF MILLION DOLLARS FOR FRESNO STREET WORK IN 1922

Fresno City spent $550,761 for street improvements in 1922, or a sum equal to more than half of the amount collected by the city in taxes, according to information gained from statistics in the office of Commissioner of Public Works William Stranahan, the major part of that sum being spent for street paving. The funds for street improvements were derived from special assessments. The sum is $52,518 less than was spend for improvements in 1921, and $277,144 more than was spent for the same purpose in 1912.

The increase is attributed to the difference in the cost of materials, and to the greater amount of improvements necessitated by the growth of the city. During the ten years from 1910 to 1920, according to the United States census, the population of Fresno increased from 24,892 to 45,086, and estimates made more recently give Fresno's population as between 60,000 and 75,000.

DUST EXPLOSION PREVENTABLE, ENGINEER SAYS

Dust explosions cannot be of spontaneous origin and are preventable, David J. Price, engineer in charge of development work of the bureau of chemistry, United States department of agriculture, informs the safety bureau of the Buffalo, N. Y. chamber of commerce.

In 13 recent dust explosions in representative types of manufacturing plants, Price says, 155 lives have been lost and property worth $16,250,000 destroyed. Grain elevators, feed mills, sugar refineries and starch factories were the scenes of the most serious disasters, but explosions also have occurred in dust from powdered milk, soap, fertilizer, cocoa, spice and cork.

Smoking and using open lights in plants where the air is filled with dust particles are the most frequent causes of dust explosions, the bureau's statistics show.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

Trustees of the Meridian School District, Sutter County, are made party defendants in a suit filed in the Yuba county superior court by A. Guetzkow, Jesse R. Rudkin and J. J. Philbin to recover $925, alleged to be due for lathing and plastering the new school building at Meridian, which was completed November 1st. Other defendants named are the contractor, J. L. McLaughlin, his bondsmen, and County Auditor Flannery. The trustees are C. Reische, W. L. Stephens and C. C. Messick.

Through his attorneys, R. H. Downer, Richmond contractor, has submitted to Superior Court Judge R. H. Latimer, of Contra Costa County, a motion for a new trial in the suit instituted by Mr. and Mrs. L. P. Hayward in which the latter obtained a jury verdict for $2000 for injuries suffered by Mrs. Hayward by a fall into a sewer ditc It was alleged the ditch was left unguarded and lightless.

Sales of fabricated structural steel in November, according to reports received by the U. S. Department of Commerce through the Bureau of the census was 99,040 tons or 46.8 per cent of shop capacity. In October sales totaled 121,150 tons or 57.3 per cent of shop capacity.

Bakersfield City Council has adopted a new plumbing ordinance. With the passing of the plumbing ordinance, the city now has four new codes under which to regulate the construction programs. The building, electrical, electric sign and plumbing ordinances are now city laws.

Fred A. Marsh, general purchasing agent for the Link-Belt Co., died at his home in Chicago, December 11. Marsh was a member of the Link-Belt organization for more than 33 years and was for some years a director in the National Association of Purchasing Agents.

Building in Richmond for the year 1922 totaled $897,072. During the year 108 homes were erected at a cost of $379,408 and 7 apartment buildings valued at $77,122. Business structures totaled twenty-one in number costing $169,915.

The National Nut Co. of Calif. with headquarters in Oakland, reports the Oakland factory will be ready for operation January 15 Machinery is being installed. The company has opened sales offices in the Robert Dollar Bldg., San Francisco.

W. H. Falconbury, for three years manager of the Modesto Lumber Co. at Modesto has purchased a site in Stockton and will establish a lumber yard. Falconbury was formerly connected with the Chas. Nelson Company of Oakland and was at one time located in Coalinga

Western Stove Co., capitalized, at $200,000, has been organized in Oakland Directors of the company are: Jos. Samwell, Fred W. Smith, Joe. J. Vaughn Otto Andreas and Matt Baker.

Chas. H. Treat has been elected for the third successive term as president of the Los Angeles Board of Public Works.

The Griffith Co., of Los Angeles, has been incorporated and has taken over the assets of the Fairchild-Gilmor-Wilton Co. Dating from aJn. 1 all business will be done under the name of Griffith Co. The Fairchild-Gilmore-Wilton Co. will remain incorporated but will be inactive. The officers of the Griffith Co. are the same as those of the Fairchild-Gilmor-Wilton Co., these being: Geo. B. Griffith, president; Stephen M. Griffith and Albert Crutcher, vice presidents; Geo. B. Griffith, Jr., treasurer; Arthur J. Davis, secretary.

Organized labor will establish a cooperative bank, to be known as the Federation Trust Co., in New York, and start with a capitalization of $2,000,000.

The Visalia Home Builders' Corporation, organized primarily as a nonprofit enterprise to boost home construction in Visalia, has declared an interest dividend on all stock, to the amount actually paid in, of 8 per cent, or $57.60 per share.

The United Autographic Register Co. of Chicago, has purchased 18,000 square feet of land at the northeast corner of Union and Nineteenth Sts., Oakland, and will erect the first unit of a plant for the manufacture of a device for use of sales departments and mercantile establishments.

The Los Angeles City Building Department is starting the year badly handicapped. About 240 sets of plans, representing about $7,500,000 worth of building, are piled up in the department waiting to be checked. Inability to secure competent engineers at the salaries provided by the city council is one reason for the department being behind with the work of checking plans.

Property owners at Arcata, Calif., have filed protests with the city trustees against the paving of thirty-five blocks of streets, declaring the proceedings to be in error and having certain omissions. The contract was recently awarded to Mercer-Fraser Co. of Eureka, on a bid of approximately $84,000.

U. G. Richards, formerly with the E. K. Wood Lumber Co., has entered the wholesale business and will represent the Inman-Paulsen Lumber Co., of Portland, Ore., in Southern California.

The Angelus Lumber Co., of Los Angeles, has been incorporated. The company is capitalized at $100,000. Those interested include: E. C. and Eleanor C. Blake and C. Patrick.

The Oakland Municipal Auditorium is a money getter. During the year 1922 the income was $28,793 as against $15,132 in expenses, an earning total of $13,661.

The 19th annual convention of the American Concrete Institute will be held at the Hotel Sinton, Cincinnati, O., January 22 to 25.

Swift Bros., of Marysville, have commenced construction of a planing mill, 100 by 40 feet, at Third and Orange Streets, that city.

ALONG THE LINE

The Worthington Pump and Machinery Corp. announces the following change in its organization: E. T. Fishwick, formerly sales manager, made vice president in charge of sales, to succeed F. H. Jones, vice president, resigned. J. E. Sague, vice president, resigned, succeeded by William Goodman, formerly assistant to the vice president, James C. Barnaby, formerly plant engineer of Staten Island Shipbuilding Co. now in charge of certain engineering work in Diesel oil engine division of Worthington Pump & Machinery Corporation.

The Arizona Good Roads Association will hold its annual meeting at Douglas, Ariz., January 15. One of the subjects to be discussed is whether Arizona has reached the point where it must abandon temporary road construction and direct all its efforts toward financing and building permanent paved roads? The subject will be presented in a formal debate and will be open to full discussion. Efforts of the association will be directed toward securing united action with a view to making a compact state-wide road system.

Announcement is made of the consolidation of the Sulprizio Machine Works and the Fresno Pattern Works of Fresno under the name of the United Engine and Machine Co., Inc. Officers of the organization are: D. Sulprizio, president; J. G. Dolan, Jr., vice president; and Ben L. Moyers, secretary. The company will construct a new plant and will operate on a large scale. Temporary quarters are maintained at 507 Broadway, Fresno.

Mayor James Rolph of San Francisco has been authorized to appoint a city traffic commission of seven which is to study existing traffic conditions in San Francisco and to promulgate a plan by which the safety and convenience of the public may be served better.

Marshal Hale, San Francisco merchant, has accepted the Western directorship of the Victory Highway Association, succeeding Harvey M. Toy, who resigned because of his appointment to the California State Highway Commission.

S. W. Curtis of San Francisco, formerly assistant state engineer is slated to succeed State Engineer W. F. McClure as chief of the Division of Engineering and Irrigation of the State Department of Public Works.

H. H. Woodcock of Eureka has been re-appointed a member of the California State Board of Harbor Commissioners of the Port of Eureka. The term is for four years.

Daniel J. Sullivan, Nevada State Auditor, has been chosen chairman of the Nevada Industrial Commission, filling the vacancy caused by the resignation of George D. Smith.

Edw. M. Lynch, of Los Angeles, has been reappointed city engineer of Taft.

SEARS POINT HIGHWAY ESTIMATES MADE BY STATE COMMISSION

Construction of the proposed highway from Vallejo to Sears Point on the Black Point cut-off, Marin County, would cost approximately $740,000, according to estimates compiled by the State Highway Commission.

The estimate includes bridges which it would be necessary to build across the Mare Island channel and Sonoma Creek as well as a possible bridge or fill at Tulcay.

According to the report of the highway commission the actual highway would cost approximately $200,000 and would be 10.22 miles in length. The bridge at Mare Island channel would cost $540,000 and that across Sonoma Creek $360,000. The bridges would be similar in construction to that across Petaluma Creek and would be of bascule span. The roadway would be of the best possible construction.

The highway as surveyed runs from a point at the corporate limits of Bay Terrace to Sears Point, connecting with the Black Point cut-off and giving a direct highway to Sausalito and San Francisco. In view of this, the report states:

"Heavy traffic is anticipated in view of the fact that a connection with San Francisco via Sausalito will be afforded providing reduced ferry time in comparison with other routes now in operation between San Francisco, Vallejo and other points."

The highway would require slightly more than a year's actual work to complete.

The bill asking investigation and survey of the proposed route was introduced in the state legislature two years ago, and with completion of these preliminaries, the report will be submitted at the coming legislative session in an effort to have it included in the budget for highway construction through the ensuing fiscal year.

STATE HOUSING LAW WILL BE DRAFTED FRIDAY

Another housing institute for the purpose of discussing the tentative draft of a State housing law, prepared by the committee appointed at a recent housing institute, will be held in the civil service rooms, City Hall, San Francisco, Friday, January 12, at 10 A. M. Interested persons from all parts of the State are asked by the Commission of Immigration and Housing to attend.

The tentative draft limits the size of rooms in dwellings, providing for a minimum of eighty square feet, as compared with ninety square feet required under the housing law of 1917. In the 1921 acts no limit was placed. The proposed bill also reduces the size of courts in hotels and tenement houses, the size om intakes to courts, and does not require intakes where the court extends only one story in height. Requirements for sanitary facilities are virtually the same in the new draft, the height of fireproof hotels is unlimited, and for fireproof tenement houses the limit is placed at fifteen stories.

There is no use in growing timber to be burned, says Colonel Willam B. Greeley, Chief Forester; and the Forest Service is paying more and more attention to studying forest fires as well as fighting them. This study is proceeding along a variety of approaches. Where do the most fires occur? How are they caused What are the weak spots in the prevention organization? Such studies make possible an increased efficiency in the expenditure of fire protection funds, public or private, and in the reduction of current fire losses,

STATE LEGISLATURE

Assemblyman G. H. Douglas, of Crescent City, will seek an appropriation of $200,000 to finance construction of a bridge over the Klamath River in Del Norte County on the road from Sausalito to Astoria, Ore., known as the Redwood Highway.

A separate harbor dist. for Oakland to be under control of the municipal dept. of public works there, is the object of a bill to be introduced by Senator Edgar S. Hurley of the Alameda County delegation. Creation of such a district, in the view of the delegation, is necessary to enable the Oakland water front to be developed to meet the increasing tonnage that comes to the East Bay docks.

Amendments to the county government act of 1921 to legallze the appointment of county traffic officers by boards of supervisors are being considered by members of both houses of the legislature. The opinions of various district attorneys throughout the state on the question have differed, and it has been held in some quarters that the motorcycle speed officers are illegally employed if the language of the supreme court is strictly followed. Frank L. Eksward, of Burlingame, is investigating this matter, who is also preparing an amendment to the street improvement act of 1917, under which most of the municipalities are now operating, and will probably recommend minor changes in the law relating to the sale of bonds and to other details.

Legislation to protect school trustees from damage suits brought for alleged negligence or incompetency as the result of injuries to or deaths of students on school playgrounds apparatus is in view at the present session of the legislature.

John W. Johnston Sacramento assemblyman, will seek an appropriation to reconstruct the causeway leading from the American River bridge to the Auburn Boulevard.

The estimates of cost of construction are now being made and the bill asking the appropriation is being drawn. The causeway will be approximately one mile in length and if the appropriation is secured will be widened to accommodate the increased traffic. Johnston also is considering the introduction of a bill to secure an appropriation for the construction of a new, modern grandstand at the state fair grounds. The present structure has been shown to be entirely inadequate for the handling of the great throngs which are now attracted to the state fair and new stands are badly needed, Johnston said. It is also possible that Johnston will ask for additional appropriations to carry on the work of completing the capitol extension buildings. This will be done only in the event that it is definitely determined that the appropriation will fall short of the amount required to complete the construction.

Abolition of the state reclamation board and the transfer of its operations to the state department of public works will be sought in a bill to be introduced possibly by Van Bernard, assemblyman of Butte City. The search for economy in state government is given as the principal reason for doing away with the board. If Bernard does not introduce his bill others are considering placing a measure before the house. Previous attempts to put through legislation to consolidate the work of the reclamation board with other branches of government have failed. Interest in the problem is found among legislators representing the consistency of the reclamation districts.

Backed by considerable sentiment among the farmers of Superior California, Assemblyman Bert Snyder, of Chico, has drafted a bill to change the law covering the organization of drainage districts to make them more elastic as regards size. Under the present legal stipulations, there is no way to change the size of a drainage district after it is organized. Drainage districts in Superior California particularly are subject to the same development which influences the region as a whole. Some of the districts would be considerably enlarged if it were possible to take more farmers and more territory into them. Snyder's proposed amendment will make provision for this. The measure is expected to meet with no opposition.

Governor Friend W. Richardson's promised $79,000,000 budget is beginning to cause concern among legislators who have come to Sacramento with the intention of getting appropriations for roads needed in their respective districts. In view of Richardson's economy policy the lawmakers realize it would be impossible to get him to sign many of these road bills, so plans are being made to propose another state highway bond issue to submit to the electors. When all the road appropriations that will be requested are totaled the sum represented will run well into the millions and the legislators feel that a bond issue will be the only alternative if the needed roads are to be constructed.

OXWELD OCCUPIES LARGER QUARTERS IN SAN FRANCISCO

The Oxweld Acetylene Co. announces that its Western Dept. formerly located at 1077 Mission St., San Francisco, has recently moved to larger quarters in the same block. The new address is 1050 Mission St.

The Oxweld Acetylene Co. is the largest manufacturer of oxyacetylene apparatus in the world. Its general headquarters is at Newark, N. J. where one of the company's plants is located. In the Western Dept. the company maintains offices also at Los Angeles, Portland, Seattle, Salt Lake City and El Paso.

Mr. Leo Romney, manager of the Western department, states that the move to new quarters in San Francisco was made necessary by the rapidly growing business on the Pacific Coast. At the new location the company occupies the entire building, two stories and basement, 20x150 ft. which affords better facilities for the warehousing of surplus stocks of welding and cutting apparatus, supplies, acetylene generators, etc. for private and general offices and for an apparatus repair service department such as the company maintains at stations in industrial centers throughout the country. On the Pacific Coast and in the Rocky Mountain States, such stations are located at Seattle, San Francisco, Los Angeles and Salt Lake City.

The growth of the Western department of the Oxweld Acetylene Co. is very representative of the growth of the welding and cutting industry as experienced in the country generally and indirectly reflects a general revival of trade and manufacturing.

ORGANIZATION NEWS

YUBA AND SUTTER COUNTY BUILDERS LOOK FOR BIG SEASON

The 1923 building program in Yuba and Sutter counties will total $2,000,000 is estimated by L. A. Williams, president of the Marysville Builders' Exchange, who declares his estimates are based upon prospects which confront the construction industry in that section. Included in these prospects are the $400,000 hotel building to be erected in Marysville and the Yuba City high school, for which $250,000 is available. An active program of home building is looked for.

Commenting upon the activities and success of the Marysville Builders Exchange, Williams declares the organization has a 95 per cent membership of the general and sub-contractors in that territory with prospects for a 100 per cent organization before the close of 1923.

NEVADA CONTRACTORS ORGANIZE

The General Contractors' Association of Nevada was organized recently at Reno with a membership of twenty-two members. C. R. Hill was chosen president; J. C. Dillard vice president; F. W Foster, treasurer and E. A. Collins, secretary. The purpose of the organization is said to be to promote building and aid building programs throughout the state.

The Wasboe County Builders Exchange at a meeting following the state organization, discussed building operations in and about Reno, and voted to ask that the same wage scale as prevailed here in 1922 be continued throughout 1923.

KERN ENGINEERS ELECT

With fifty-six members present the first extensive get-together meeting of the civil engineer of Kern County was held January 6 at the Tegeler Hotel, Bakersfield. The gathering sponsored by the American Association of Civil Engineers, was arranged for the purpose of interesting Kern County engineers in the perfection of an organization. The suggestion met with hearty approval.

The following temporary officers were elected: Arlington M. Smith, president, Frank A. Bartlett, secretary, and A. B. McGee, treasurer.

William H. Phelps, assistant division engineer for the Southern Pacific Co. of San Francisco, addressed the gathering and pointed out the advantages to be gained through organization.

FRESNO INDUSTRIAL SCHOOL OPENS NEW CLASSES

New classes of both plumbers and plasterers will be started the week commencing January 15, by the Industrial Association of Fresno, to fill the places made vacant by graduates who have gone into the trades upon the completion of their courses. Nine plasterers graduated and have gone into the trade, according to J. W. Hunt, manager of the trades school for the organization. Plans are under way to open a bricklayers' school as soon as an instructor can be obtained. Many students have enrolled for bricklaying and are only waiting word from the East regarding prospective instructors for the starting of the school.

S. F. INDUSTRIAL ASSN. ELECTS 1923 OFFICERS

The Industrial Association of San Francisco has elected the following officers and directors to serve for the year 1923:

President, J. B. Brady, general manager Pacific Coast division U. S. Rubber Co.; first vice president, Otis R. Johnson, vice president Union Lumber Co.; second vice president, R. H. Ivory, personnel manager Standard Oil Co.; third vice president, B. R. Funsten, vice president Walton N. Moore Co.; fourth vice president, Walter Haas, Levi Strauss & Co.; secretary, H. B. Allen, president Allen & Co.; treasurer, Thomas J. Coleman, manager St. Francis Hotel.

Directors—H. B. Allen, E. R. Anthony, Francis J. Baker, Charles B. Blyth, J. B. Brady, A. A. Brown, C. D. Clarke, Thomas J. Coleman, W. W. Crocker, John Cushing, P. M. Downing, A. W. Eames, Paul I. Fagan, Edward J. Fowler, B. R. Funsten, D. Lyle Ghirardelli, Walter Haas, Walter G. Hyman, R. H. Ivory, Otis R. Johnson, W. W. Johnson, S. S. Kauffman, Samuel Lilienthal, J. W. Mailliard Jr., Atholl McBean, Warren H. McBryde, Fred Sharman, Walter H. Sullivan, Walter Sutton, Frederick J. Young.

MASTER BUILDERS ADVERTISE

The Master Builders' Association of Sacramento is a live organization. One of the many things it does to benefit the building industry is the use of the newspaper columns. In an 8 by 4 inch advertisement, the question is asked: "Why a Master Builders' Association?"

The following explanation is then submitted:

"The Master Builders' Association is an organization of general contractors who are organized for the benefit of the individual contractor and of the public.

"It stands as the representative of the best contracting companies in the community and it assists in protecting the public from the unreliable contractor.

"No firm which is known to use unbusinesslike methods or which does a poor class of work or which fails to pay for materials or wages is permitted to join.

"In other words, when a member of the Master Builders' Association enters into a contract to erect a building it is almost an assured fact that the work will be completed rapidly, economically and satisfactorily."

The name of each member of the association follows this explanation. Offices of the organization are maintained at 1015 Tenth Street Sacramento.

SAN JOSE BUILDERS' EXCHANGE ELECTS OFFICERS

The San Jose Builders' Exchange at a meeting January 3rd elected the following officers: President, Kenneth Morrison; vice president, George J. Heath; secretary, William F. Serpa; treasurer, William M. Herman; sergeant-at-arms, E. Nommensen President Morrison was appointed by acclamation, which shows the appreciation of the members for his valuable services for the past year, in which he has served as president. An executive committee was appointed by President Morrison and will soon be called in a special meeting to map out the work of the exchange for the ensuing year.

FRESNO UNIONS WILL ACCEPT INDUSTRIAL SCHOOL PLASTERERS, IS REPORT

Decision of the Fresno Building Trades Council to consider favorable acceptance of nine graduates of the Valley Industrial Association School of Plastering as apprentices in the building industry is characterized by Fresno builders as a most gratifying outcome of considerable controversy over the subject, according to word from that section

The executive committee of the Building Trades Council recently discussed the proposal, presented by the Fresno Builders' Exchange, as a means of alleviating the shortage of plasterers existing in Fresno by bringing a greater number of apprentices into the industry.

Referring to the union's agreement with the builders' exchange, which provides that for each three journeymen plasterers one apprentice may be employed. T. I. Udell, Secretary-Treasurer of the Plasterers' Local, No. 188, said:

"We will stand by our agreement with the exchange and will accept any apprentices sent to us in the proportion agreed upon."

R. W. Crouch, manager of the Fresno Builders' Exchange, manifested satisfaction over the outcome, declaring that in the unions' action he saw a closer spirit of co-operation between his organization and those of the building trades in Fresno.

SEATTLE CONTRACTORS ELECT

Arthur Gerber will succeed J. B. Warrack as president of the Seattle branch of the Associated General Contractors of America. Other members elected are: A. S. Downey, vice-president, J. L. Smith, secretary, and A. Carlson, treasurer. The majority of the members of the organization were present at the election and speakers stressed the fact that the building outlook was never brighter than at the present time. At the conclusion of the meeting a gold watch was presented Mr. Warrack as a token of appreciation by the contractors of his work as president during 1922

"My aim will be to continue to maintain the Associated General Contractors' Seattle branch on a plane where the building public will realize that in doing business with its members it will be assured of the utmost in skill, integrity and responsibility," said Mr. Gerbel. "Memberships in our organization will not be solicited from those not capable of rendering service of the highest order."

President Gerbel is vice-president and financial manager of the Great Northern Construction Company and has been a resident of Seattle for the past 23 years, during which time he has actively been engaged in construction work in British Columbia and Washington. He has taken an active interest in civic affairs and politics. He is a member of the chamber of commerce, Kiwanis club, Arctic club, Press club, and is a director in the Associated Industries.

Manteca Lumber Co., at Manteca, has been purchased by John A. Boberg, of the Manteca Hardware Co. Boberg was the original owner, starting the yards in 1916

SAN FRANCISCO BUILDERS FACE FEDERAL PROSECUTION

Federal prosecution of San Francisco contractors and building material supply men, who are alleged to have violated the Sherman anti-trust act, as well as the local Cartwright act, was predicted by United States Attorney Williams, when he announced that he had been authorized to make public a communication from Attorney-General Daugherty, in Washington, to the effect that Daugherty asserted that an agreement to refuse goods to a contractor who employs only union men is unlawful.

The Daugherty communication which Williams was authorized to make public, follows:

"I have recently given considerable thought to the activities of the local material men in San Francisco. I desire that you investigate the evidence that has been furnished you thoroughly, with a view to determining whether it constitutes a violation of the Sherman anti-trust act as well as your local Cartwright act. If it does, I desire that you, at the earliest convenient time, and hereby authorize you to present the matter to your local grand jury.

"Some criticism was directed toward me at the time of obtaining the injunction against the strikers in Chicago last summer, because I made the statement that all spiracies that have for their purpose the destruction of the open shop are unlawful. I have never deemed it necessary or advisable to answer my critics. My actions speak for themselves. You, however, are well aware that as early as the 18th of July, 1922, I instructed you that a conspiracy that has for its purpose the destruction of organized labor is unlawful.

"In line, therefore, with my previously expressed opinion of punishing a violation of the law either committed by or directed against labor, I urge you to give early attention to the activities of your local material men, and if the evidence discloses that their acts constitute a conspiracy against organized labor, present the same to the Grand Jury for appropriate action."

Denial that the Builders' Exchange had entered into any combination in possible violation of the Clayton act is voiced by William H. George, president of the Builders' Exchange.

"We have effected no combinations nor agreements, verbal or otherwise, that possibly could be constructed as violation of law." George said when told that Harry M. Daugherty, Attorney General of the United States, had ruled that "open shop" agreements are held to contravene the conspiracy clause of the Clayton act.

INCREASED MEMBERSHIP IS AIM OF OAKLAND ELECTRIC CLUB

Three teams composed of members of the Oakland Electric club will compete for the next six months in a membership drive. The competition will include activities of a general sort, such as work for civic betterment and for a concrete foundation for the organization. The three teams were designated as "Ampere," "Volt" and "Ohm." James Vandergrift of the Mazda Lamp Division, haa offered a dinner for the winning team.

The growth of the use of electrical appliances in the home was told at a recent luncheon of the club by R. E. Fisher, vice president of the Pacific Gas and Electric Company. He said, during the past year 1000 electrical ranges have been installed in Oakland homes using electricity from his company. He predicted this number would more than double during the coming year.

Claims Against Etherton Company on S. F. School Projects Filed

The following is a list of "withhold notices" filed with City Auditor Thos. F. Boyle against the E. E. Etherton Company of San Francisco on the McKinley and Adams school contracts:

McKinley School

Gunn, Carle & Co.	$9.44
Maurer Rock, Sand & Gravel Company	58.75
C. J. Hillard & Co.	633.63
Mallott & Peterson	218.00
Percy Sheet Metal Co.	755.10
W. P. Fuller & Co.	827.25
Tessier & Co.	1,254.91
Pacific Material Co.	92.05
United Material Co.	931.00
C. F. Weber & Co.	798.00
Santa Cruz Cement Co.	1,302.59
Sibley Grading & Teaming Co.	142.32
	$7,103.04

Adams School

Gunn, Carle & Co.	$31.00
Maurer Rock, Sand & Gravel Co	980.75
Reigle & Jamison	260.00
C. J. Hillard Co.	331.94
Mallott & Peterson	796.00
Joost Bros.	925.00
Fire Protection Prod. Co.	869.00
W. P. Fuller & Co.	372.00
Santa Cruz Cement Co.	3,415.21
Hause Window Co.	198.00
C. F. Weber Co.	800.00
I. P. Lipp	152.50
Steel Form Contracting Co.	230.35
Mission Concrete Co.	261.32
The Fay Improvement Co.	565.24
Sibley Grading & Teaming Co.	309.00
Jos. Clervi & Sons	860.00
	$12,357.31

SACRAMENTO ENGINEERS AND ARCHITECTS OPEN NEW QUARTERS

The new quarters of the Sacramento Architects and Engineers Club were opened in Sacramento January 5, at 910 Ninth street. A program of speeches on the objects of the organization and matters of civic interest relating to architectural and engineering subjects, together with a radio concert and musical numbers, followed by a banquet, were features of the evening.

Conceived by a group of Sacramento architects early in 1922, the Sacramento Architects and Engineers Club has developed to include architects, civil engineers, structural engineers, mechanical engineers, mining engineers, electrical engineers and chemical engineers and other technical men. All of these have now joined together in an organization pledged to further the education of young technical men by means of forming classes for architectural design, sketching, structural design, decorating and the electrical arts; binding together the builders of the capital city in a social way and pre-eminently for civic advancement.

In connection with the program of civic advancement the efforts of the club members will be directed to assisting the city in designing and placing a civic auditorium; reconstruction of the city plaza to conform to the modern features of the city and change the appearance from that of a small town lounging place to a restful and pleasing park; beautifying and improving the highway approaches to the city and recommendations on a city building ordinance and the proposed zoning ordinance.

The educational work of the club will be forwarded by means of lectures on architectural and engineering subjects by recognized local authorities in these lines, the belief being that there is much latent talent among the younger technical men of the city which, with training, will prove a valuable asset to the city and the men themselves.

To promote social activities and contact the club rooms are fitted up in a handsome style with the walls of the club decorated with architectural drawings, structural designs and art work gathered from the artists, architects and engineers of Sacramento. In addition, the most expensive radio receiving set in Sacramento has been installed and will provide entertainment for the members, as well as serve for electrical experiments and instruction in radio.

The club rooms will be used by affiliated organizations for their meetings, in addition to the regular meeting of the architects and engineers on the first Tuesday of each month. The organizations which will share the meeting nights are local branches of the American Association of Engineers, American Society of Civil Engineers and the American Society of Chemical Engineers.

The officers of the new club are as follows: George J. Adams, president; George J. Calder, vice president; J. E. Tempest, secretary; L. F Starks, treasurer, and directors, T. E. Stanton, R. A. Herold and G. D. Godfrey.

SEATTLE A. A. E. ELECTS OFFICERS

W. H. Tiedman, principal assistant city engineer of the city of Seattle, was named president of the Seattle chapter, American Associations of Engineers, at the regular meeting of the chapter held in the clubrooms, Railway Exchange Building, on the evening of Jan. 5. He succeeds Maj. Garrison Babcock, who has held the position of president for the past year.

Other officers elected to serve during the ensuing year follow:

First vice president, J. J. Wettrick, resident engineer, O. W. R. & N.

Second vice president, T. H. Carver, water supply engineer, city of Seattle.

Third vice president, W. T. Batchellor, consulting hydro-electric engineer.

Fourth vice president, A. A. Oles, director of statistics and taxation chamber of commerce.

Secretary-treasurer, T. T. Wiltse, consulting civil engineer.

The above named newly elected officers will be installed at a meeting of the chapter to be held Jan. 19. Following the installation, dancing will be enjoyed by members and their friends. This dance will be a return joint jollification with the Transportation club, whose membership has been urged to attend the affair.

BETZ AND MABREY, SACRAMENTO CONTRACTORS, DISSOLVE PARTNERSHIP

Chas. S. Mabrey, former member of the firm of Betz and Mabrey, general contractors of Sacramento, announces a dissolution of partnership at the same time announcing that the Chas. S. Mabrey Co. has been formed and will at once engage in the general contracting business on a larger scale. The new company will maintain offices in the Ochsner building, Sacramento.

The dissolution was made with the mutual consent of both parties.

The Los Angeles Architectural Club has voted to incorporate. The club is now holding two meetings a month and has a rapidly growing membership.

Building News Section

APARTMENT HOUSES

APARTMENTS Cost—
SAN FRANCISCO, W Scott 55 S Grove.
Three-story and basement frame (12) apartments.
Owner—S. A. Schwartz, 430 Funston Ave., San Francisco.
Architect—H. C. Baumann and Edw. Jose, 251 Kearny St., S. F.
Low Bidder—Meyer Bros., 5326 Geary St., S. F.

Contract Awarded.
APARTMENTS Cost, $150,000
LOS ANGELES, Los Angeles Co., Cal. W Berendo St. near Wilshire Blvd.
Three-story and basement Class C brick apartment house (40 2 and 3-room apts.)
Owner—E Will Richardson.
Architect & Contractor — Richardson Bldg. & Eng. Co., 1126 Story Bldg., Los Angeles.

Contract Awarded.
APARTMENTS, ETC. Cost, $186,000
LOS ANGELES, Cal. Eighth Ave. and Washington Street.
Two-story brick store, bank and apartment building, 145x150x164x206 (74 apts. and 4 stores).
Owner—Alex Taylor.
Architect & Contractor—Arthur Hesse 1117 Hollingsworth Bldg, L. A.

Contract Awarded.
APARTMENTS Cost, $12,000
BERKELEY, Alameda Co., Cal. No. 1822-4-6 Alcatraz Ave.
Two-story 8-room frame stores and apartments.
Owner—Karl Huzel.
Architect—None.
Contractor—J. B. Bishop, 811 Adams St., Albany.

To Be Done By Day's Work.
APARTMENTS Cost, $12,000
OAKLAND, Alameda Co., Cal., W 40th Ave. 80 N Foothill Blvd.
Two-story 14-room frame apartments.
Owner — W. F. Lloyd, 3720 Foothill Blvd., Oakland.

Contract Awarded.
APARTMENTS Cost, $14,050
SAN FRANCISCO N Fulton 82-6 Franklin Street.
Three-story and basement frame (14) apartments.
Owner—Louis Haas and E. Lacey, 825 Monadnock Bldg.
Contractor—O. E. Carlson, 180 Jessie St. San Francisco.

Contracts Awarded.
APARTMENT HOUSE Cost, $210,000
SAN FRANCISCO, NW Jackson and Laguna Streets.
Nine-story reinforced concrete apartment house (9 8-room apartments) and basement and garage.
Owner—Joseph E. Levin, San Francisco and S. Levin, New York.
Architect—C. A. Meussdorffer, Humboldt Bank Bldg., S. F.
General Contract to K. E. Parker Co., Clunie Bldg., $115,000.
Plumbing, Heating and Oil Burner to Lawson & Drucker 450 Hayes St., $23,300.
Plastering to A. Knowles, Call Bldg., $25,570.
Painting to D. Zelinsky, 422 Turk St., $8800.
Elevator work to Otis Elevator Co., Beach and Stockton Sts., $8300.
Tile work to Rigney Tile Co., 180 Jessie Street.

Contract Awarded.
APARTMENTS Cost, $20,000
OAKLAND, Alameda Co., Cal. NE Cottage and York Sts.
Three-story frame (20) apartments.
Owner—H. V. Arnold, 355 12th St., Okd.
Contractor—Edw. C. Graff, 365 12th St. Oakland.

Plans Being Figured.
APARTMENTS Cost, $65,000
SAN FRANCISCO, Fillmore Street near California Street.
Three-story and basement frame and stucco apartment house (22 2, 3 and 4-room apts.) fronting on both streets.
Owner—Withheld.
Architect—Albert J. Fabre, 110 Sutter St., San Francisco.
Bids are being taken for a general contract, heating and ventilating and plumbing.

Plans Being Prepared.
APARTMENTS Cost, $25,000
SAN FRANCISCO, Nob Hill.
Three-story and basement frame and plaster apts. (3 2-room and 6 3-room apartments).
Owner—Withheld.
Architect—Albert Fabre, 110 Sutter St., San Francisco.
Plans will be ready for figures in ten days.

To be Done by Day's Work and Sub-Contracts.
APARTMENTS Cost, $37,000
SAN FRANCISCO. SW Lake St. and Twenty-third Ave.
Three-story and basement frame (12) apartments.
Owner—O. E. Anderson, 483 15th Ave., San Francisco.
Architect—A. H. Knoll, Hearst Bldg., San Francisco.

Contract Awarded.
APARTMENTS Cost, $57,500
SAN FRANCISCO. E Stockton St. 90-6 S Pine St.
Grading, trenching, back filling, carpenter work, etc., for six-story reinforced concrete apartment house.
Owner—E. V. Lacey, 180 Jessie St., San Francisco.
Architect—None.
Contractor—Mission Concrete Co., Call Bldg., San Francisco.

Plans Completed.
APARTMENTS Cost, $25,000
SAN FRANCISCO. NW Valencia and Eighteenth Streets.
Three-story and basement frame (6) apartments.
Owner—Paul F. and Helen V. Sikora.
Architect—T. Paterson Ross, 310 California St., San Francisco.

To be Done by Day's Work and Sub-Contracts.
APARTMENTS Cost, $111,500
SAN FRANCISCO. NE Sutter and Leavenworth Streets.
Six-story and basement brick and steel (33) apartments.
Owner — L. B. Ham, 125 Montgomery St., San Francisco.

Contract Awarded.
APARTMENTS Cost, $12,767
SAN JOSE, Santa Clara Co., Cal., S 10th Street.
Two-story frame apartments.
Owner—Mrs. E. A. McAllister.
Architect—W. J. Wythe, Central Bank Bldg., Oakland.
Contractor—S. W. Talbott, 108 Bruce, San Jose.

Plans Being Figured.
APT. HOUSE Cost—
PALO ALTO, Santa Clara Co., Cal.
Two-story frame and stucco apartment house (16 apts.—Forest Apts.).
Owner—F. D. Stadler, Palo Alto.

Plans Being Prepared.
ALTERATIONS Cost, $50,000
OAKLAND, Alameda Co., Cal., 14th St. bet. Market and West.
Alter 3-story concrete office bldg. into apartments.
Owner—Wheeler.
Architect—M. [illegible]s, East Bay Market, 19th & Telegraph Ave., Okd.

Plans Being Prepared.
APT. HOUSE Cost, $50,000
SAN FRANCISCO, Grove St.
Three-story frame apartment house.
Owner—Withheld.
Architect—O. R. Thayer, 110 Sutter St. San Francisco.

Plans Being Prepared.
APT. HOUSE Cost, $175,000
SAN FRANCISCO, Sutter St.
Six-story class "B" apt. house.
Owner—Withheld.
Architect—O. R. Thayer, 110 Sutter St., San Francisco.

Completing Plans.
APTS. & STORE Cost, $27,000
SAN FRANCISCO, N California W Hyde
Three-story frame apts. & store bldg. (5 4-room apts and 1 store).
Owner—Withheld.
Architect—O. R. Thayer, 110 Sutter St.

Plans Being Prepared.
APT. HOUSE Cost, $18,000
SAN FRANCISCO, Green St.
Three-story frame apartment house.
Owner—Withheld.
Architect—O. R. Thayer, 110 Sutter St., San Francisco.

SANTA BARBARA, Santa Barbara Co., Cal.—Avery Apartments, Inc., has been organized by A. H. Avery, with a capital of $250,000. It is planned to build a modern apartment building of stucco construction with red tile roof and contain 24 three-room apartments. These will be rented to either permanent or transient guests at approximately $2 per day. Mahogany trim, sound proof walls, Bailey and solar water heaters, electric dumb waiters. There will be one central building of two stories surrounded by one-story bungalows. The directors are: Daniel Satlet, William S. Porter, C. W. Kirck, Jack Parma and A H. Avery.

RICHMOND, Contra Costa Co., Cal.—Max Chimtz, 632 Macdonald Ave., Richmond, has purchased a lot on the SE corner of Nevin avenue and Eighth street on which the will erect a two-story store and apartment building.

BONDS

VISALIA, Tulare Co., Cal.—Supervisors sell $20,000 bond issue of Wildflower School District; proceeds of sale to finance school improvements.

MONTESANO, Wash.—Election will be held Jan. 13 in School District No. 100 to vote bonds of $450,000 to finance school improvements.

PLACERVILLE, El Dorado Co., Cal.—February 3 is date set to vote bonds of $160,000 to finance construction of new high school. Should issue fail to carry trustees will levy direct tax for $30,000 to improve the present structure. Fred'k S. Harrison, Peoples Bk Bldg., Sacramento.

SAN DIEGO, Cal.—City Council orders estimate prepared to extend water main. Cost, approx. $300,000. A standpipe to cost approx. $85,000 is also planned. The proposition will be submitted at a bond election, probably March 20.

LODI, San Joaquin Co., Cal.—Mayor J. W. Shattuck urges purchase of privately owned gas plant to operate as municipal system; proceeds of sale will probably be raised through bond issue should proposal meet with favor of trustees.

ARCADE, Sacramento Co., Cal.—Election will be held in February to vote bonds of $29,000 to finance construction of two-classroom and auditorium school for Arcade School District.

ESPARTO, Yolo Co., Cal.—County supervisor will re-advertise for bids for the sale of the $95,000 bond issue of the Esparto High School District; proceeds of sale to finance construction of new school. A San Francisco concern bidding a premium of $4880 for the issue claimed a mistake and was allowed to withdraw the bid. W. H. Weeks, 369 Pine St., S. F., is the architect.

ALPAUGH, Tulare Co., Cal.—Alpaugh Irrigation District will call election to vote bonds of $85,000 for canal extensions and improvements.

TULARE, Tulare Co., Cal.—Bonds of $50,000 to erect firehouse and remodel city hall voted at recent election.

LOOMIS, Placer Co., Cal.—Supervisors sell $49,000 bond issue of Loomis Union School District, proceeds of sale to finance construction of a new school building. George C. Sellon & Co., Mitau Bldg., Sacramento, are the architects.

BOULDER CREEK, Santa Cruz Co., Cal.—Election will be held Feb. 5 in Boulder Creek Union Grammar School District to vote bonds of $18,000, proceeds of sale to finance school improvements. Trustees of district are: F. R. Wicks, Dr. R. B. Hoag, Mrs. Elsie Horstman, A. F. Waters and Mrs. Mary E. Woods.

SAN DIEGO, Cal.—City council will call election to vote (a) bonds of $30,000 for paving 12th St., within Balboa Park, and (b) bonds of $70,000 for paving two sections of Imperial Ave., in the Encanto section, connecting up with existing paving to the Imperial Valley. F. A. Rhodes, city engr.

HOLLISTER, San Benito Co., Cal.—Election will be called to vote bonds to finance construction of sewage disposal plant, plans for which are being prepared by Eng. Clyde F. Smith, 7 Nottingham St., Berkeley.

CHURCHES

Plans Being Prepared.
UNDERTAKING PARLORS $25,000
OAKLAND, Alameda Co., Cal., E-14th Street.
Two-story frame and stucco undertaking parlors, etc.
Owner—Grant Miller, 2372 E-14th St., Oakland.
Architect—Edw. T. Foulkes, Crocker Bldg., San Francisco.

Contract Awarded.
CHURCH Cost, $25,000
SAN FRANCISCO, N Mission bet. 3rd & 4th Streets.
Fireproof steel columns and beams with concrete, plaster walls and ceilings, marble wainscot walls, carpentry, etc. for interior of church.
Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.
Architect—Gorham Co., 5th Ave., New York.
Contractor — Grace & Bernieri, 710 Claus Spreckels Bldg., S. F.

Work Started.
CHURCH Cost, $10,762
SONOMA, Toulumne Co., Cal.
Hollow tile church (except electric wiring fixtures, heating system, furniture and pipe organ).
Owner—Sonora Methodist Church.
Architect—W. J. Wythe, Central Bank Bldg., Oakland.
Contractor—M. U. Eyre, Tracy, Cal.

LOS ANGELES, Cal.—Archt. John C. Austin, 1125 Baker-Detwiler Bldg., L. A., and Geo. M. Lindsey, Glendale, associated, have been commissioned to prepare plans for a new church bldg. to be erected at Highland Park for Highland Park Presbyterian church. It will be Gothic style, brick construction, pressed brick and terra cotta exter., etc. The cost will be about $200,000.

DAVIS, Yolo Co. Cal.—Rev. N. M. Fiske backs campaign to raise funds totaling $60,000 to finance construction of a new church at the University Farm

LONG BEACH, Los Angeles Co., Cal.—Congregational Church trustees, Dr. Henry Booth, pastor, are discussing the building of an addition to the present church at 3rd and Cedar Ave., Long Beach, to include auditorium enlargement to seat 2500 persons. Cost, $200,000, financing through $300,000 fund raising process to include $100,000 for new church on Atlantic Ave. later.

RENO, Nevada—Trinity Church, Rev. E. T. Brown, Pastor, has purchased site, 120x300 feet, at Court and Rainbow streets and will erect new church building. Judge George S. Brown is Senior Warden of the congregation.

MARYSVILLE, Yuba Co., Cal.—Methodist Church has purchased site at Eighth and D Streets and plans erection of edifice to replace that destroyed by fire.

LONG BEACH, L. A. Co., Cal.—Archt. H. M. Patterson, 324 O. T. Johnson Bldg Los Angeles, has been commissioned to prepare plans for a $225,000 addition to the present Congregational church at Cedar Ave., Long Beach, including a 45-foot extension to the auditorium, adding a story above the Sunday school rooms, and a 3-story 36x46 ft. and basement brick bldg. at the rear. The 50x150 ft. site is now occupied by apartments but it is owned by the church. The auditorium seating will be increased from 1350 to 2350.

YUBA CITY, Sutter Co., Cal.—Rev. W. B. Redman, pastor Yuba City Methodist Church, has commissioned an architect to prepare plans for a new edifice to be erected on the site of the present structure. The present building will be moved to another location and remodeled for Sunday school classes and community meetings.

HANFORD, Kings Co., Cal.—Flirst Methodist Church has appointed building committee to secure preliminary drawings for a new church building. Construction is estimated at $80,000. Members of the finance committee include: R. T. Grimshaw, A. W. Lane, J Mallott, F. M. Parrish, J. W. Bainum, Charles Denham, Forrest Speck, Ed. Sargeant, and Ed. Howe.

FACTORIES & WAREHOUSES

Contract Awarded.
WAREHOUSE Cost, $135,000
ELMHURST, Alameda Co., Cal.
One and 2-story brick warehouse.
Owner—E. H. Nielson, 16 California St., San Francisco.
Engineer—Fred Nielson, 16 California St., San Francisco.
Contractors—West Coast Construction Company.
Note—This contract does not include the painting, plumbing steam plant, etc., for which bids will be called for later.

Contract Awarded.
FACTORY Cost, $62,250
OAKLAND, E Linden bet. 1st & 3rd.
One and 2-story reinf. conc., brick and frame factory building.
Owner—California Packing Corp., 101 California St., S. F.
Engineer—Philip L. Bush, 101 California St., San Francisco.
Contractor—H. J. Christensen, 505 17th St., Oakland.

Contractor Taking Sub-Figures.
SHOP BLDO. Cost, $15,000
OAKLAND, 23rd St., near Webster.
One-story reinf. concrete shop bldg.
Owner—V. A. Hancock.
Engineer—R. V. Woods, 505 17th St., Oakland.
Contractor—Henry J. Christensen, 505 17th St., Oakland.

Contract Awarded.
BUILDING Cost, $14,862
OAKLAND, Alameda Co., Cal., E College 260 N Claremont Ave.
One-story brick building.
Owner—L. C. Firestine, 6246 College Ave., Oakland.
Architect—A. W. Smith, 1010 Broadway, Oakland.
Contractor—S. G. Johnson, 4652 Dolores St., Oakland.

Plans Being Prepared.
EXTENSIONS Cost—
SAN FRANCISCO, Piers 33 and 46.
Extensions to two piers.
Owner—State Board Harbor Commission.
Engineer—Frank White, Ferry Bldg., San Francisco.

Plans Being Prepared.
COLD STORAGE PLANT .. $100,000
SANTA ROSA, Sonoma Co., Cal., Sebastopol Ave.
Addition to cold storage plant.
Owner—National Ice & Cold Storage Company.
Engineer—Mr. Howell, Postal Tel. Bldg. San Francisco.

Contract Awarded.
ICE CREAM PLANT Cost, $15,000
SAN FRANCISCO, SW 10th & Mission.
One-story brick ice cream plant.
Owner—E. L. Reese (Fairy Ice Cream Co.) 741 Fulton, S. F.
Contractor—Walters & Grove, 921 Monadnock Bldg., S. F.

Contract Awarded.
WAREHOUSE Cost, $18,000
OAKLAND, Alameda Co., Cal.—NE 16th Ave. and S. P. R.R.
One-story steel warehouse.
Owner—Morris Stulsaft Co., 270 11th St., Oakland.
Contractor—W. G. Thornalley, 357 12th St., Oakland

Contract Awarded.
TIN SHOP Cost, $13,750
SAN FRANCISCO. SE Shipley 350 N Sixth Street.
Two-story reinforced concrete tin shop
Owner—Frank Grimley, 260 Claremount Blvd., San Francisco.
Architect—None.
Contractor—John J. Binet, 275 Claremount Blvd., San Francisco.

LOS ANGELES, Cal.—Hamm & Grant Ferguson Bldg., L. A., have prepared preliminary plans for a woolen mill to be erected in Los Angeles by Lemuel J. Coburn. The plans provide for a mill bldg. 150x600 ft. and 2-story office bldg. 40x80 ft. The site has not been definitely selected.

SAN ANDREAS, Calaveras Co., Cal.—Until Feb. 5, 3 P. M., bids will be rec. by A. W. Poe, County Clerk, to const. barn at the Calaveras County Hospital. Cert. check 10% payable to County Treasurers req. with each bid. Plans obtainable from clerk on deposit of $5.

FRESNO, Fresno Co., Cal.—German Publishing Co., will erect a one-story brick $6,000 publishing plant at Monterey and California streets. H B. Bier, president of company.

VISALIA, Tulare Co., Cal.—Tulare Farm Bureau backs movement to perfect organization to finance construction of a cold storage plant for farmers in this section.

WALNUT CREEK, Contra Costa Co., Cal.—The Pacific Cellulose Co. has purchased a 6-acre tract and the two-story factory building formerly occupied by the Diablo Glove Works for the manufacture of artificial silks from cotton, wood or other cellulose matter. Two new buildings will be erected. Officers of the company are: E. S. Bell, president; Dr. C A. Schwartz, vice-president; E. A. Schwartz, secretary and treasurer; A. Perry and J. Edmundson, directors.

FRESNO, Fresno Co., Cal.—City Commissioners reject five bids submitted for garbage disposal on grounds that they did not comply with specifications. None of the bids were accompanied by plans for incineration or disposal as originally advertised. New bids will probably be asked. Wm. Stranahan, city engineer.

LOS ANGELES, Cal. — Shell Co. of California has leased 6.7 acres on Mormon Island from the city harbor commission. The city will build a wharf and construct other improvements to cost $100,000. The oil company will expend several hundred thousand dollars on oil storage tanks, etc. The rental will, together with fee of ½% on each barrel handled over the wharf, more than pay for the wharf in a few years. The lease includes 5.19 acres recently purchased from Hancock Banning.

KETCHIKAN, Alaska—J. E. Saylos has organized company and will erect a canning plant here, equipped with the latest machinery.

BAKERSFIELD, Kern Co., Cal.—Cowell Lime and Cement Co., 2 Market St., San Francisco, will construct cement plant at Tahachapi, Kern County. Preliminary estimates place the cost at $3,000,000. W. H. George is secretary and purchasing agent for the company.

PORTLAND, Ore.—City Council rejects bids received to construct incinerator plant; plans will be revised and new bids asked.

GAZELLE, Siskiyou Co., Cal.—The Gazells Lumber Co., owned and operated by Los Angeles capitalists, will construct two-band saw mill of 50,000 ft. capacity per day and a box factory. Company recently acquired timber rights on the Osgood and Parker ranch-es west of Gazelle.

NAPA, Napa Co., Cal.—Local interests have organized a branch for the Mercury Oil Co., which proposes to establish an oil distributing station in Napa, at cost of $30,000. Will include the erection of a warehouse and several storage tanks.

LOS ANGELES, Cal.—Archts. John Parkinson and Donald Parkinson, 420 Title Insurance Bldg., have completed plans and are taking bids for erecting an addition to the Ford assembling plant at E 7th St. and Santa Fe Ave. L. A., for Ford Auto Co. The bldg. will be 2-story 132x349 ft., reinf. conc. frame floors and roof slab, brick filler walls, press. brick and terra cotta facing, plate glass, steel sash, steel roof trusses, steel rolling doors.

SEATTLE, Wash.—Washington Sales Engineering Co., Pioneer Block at $8015 awarded contract by Board of Public Works for fur. structural steel for the Gorge Creek power plant.

PORTERVILE, Tulare Co., Cal.—Chas. Schmidt, Fresno, has assured the Chamber of Commerce he will commence early construction of a fig preserving plant here. Several sites are under consideration and an early selection will be made.

FRESNO, Fresno Co., Cal.—Until Jan. 18, 3:30 P. M., bids will be rec. by R. Y. St. George, City Clerk, for collection and disposal of city garbage. Bids will be considered for collection and disposal and shall cover 5-yr. term tet. July 1, 1923 and June 30th, 1928. Cert. check $5,000 rsq. with each bid. Bond of $10,000 kill be req. of successful bidders. Wm. Stranahan, City Eng.

SACRAMENTO, Cal.—City Eng. Albert Givan is completing spec. for new municipal wharves and these will be forwarded to the War Department for approval. It is proposed to have construction under way in June.

NEWPORT BEACH, Cal.—Until 7:30 P. M., Jan. 29, bids will be rec. by City Clerk Alfred Smith, for reconst. wooden wharf known as the old Southern Pacific wharf, in accordance with plans prepared by Paul E. Kressly, consulting engr., 732 H. W. Hellman Bldg., Los Angeles.

FLATS

Contract Awarded.
FLATS Cost, $10,000
SAN FRANCISCO, W Noe 30 S 15th.
Two-story & basement frame (2) flats.
Owner—G. Oneto, Sutter Creek, Cal.
Contractor—J. Fracchia & Rosina, 36 Cunningham Pl.

To Be Done By Day's Work.
FLATS Cost, $11,000
SAN FRANCISCO, N California 82-6 E 11th Avenue.
Two-story & basement frame (2) flats.
Owner—Harry L. Sandow, 709 25th Ave. San Francisco

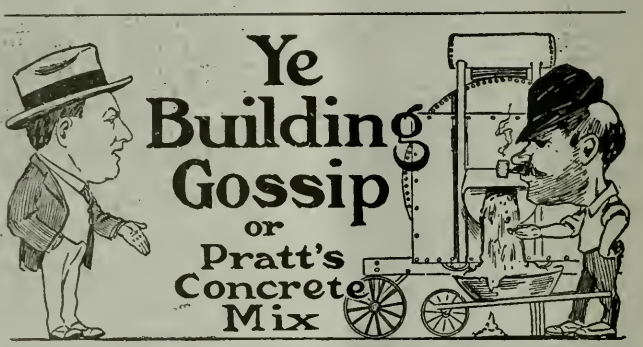
FLATS Cost, $15,000
SAN FRANCISCO, SE California St. & 28th Avenue.
Two-story & basement frame (4) flats.
Owner—J. Johnson, 798 16th Ave., San Francisco.

Plans Being Figured.
FLAT BLDG. Cost, $12,000
SAN FRANCISCO, Parnassus Ave. near 4th Ave.
Two-story frame and stucco flat bldg.
Owner—Mrs. Rose Pancoast.
Architect—H. C. Baumann & Edw. Jose 251 Kearny St., S. F.

GARAGES

Revising Plans—Figures To Be Taken Shortly.
EXTENSION Cost—
SAN FRANCISCO, No. 150 Turk Street.
Two-story reinforced concrete extension to garage.
Owner—Thos. McDougall (Star Garage Co.) 150 Turk.
Architect — Jas. L. Steward, Claus Spreckels Bldg., San Francisco.
The original plans for the addition are being revised for a larger building (with 129-ft. frontage).

Contracts Awarded.
GARAGE Cost, $16,673
SAN JOSE, Santa Clara Co., Cal., S 1/3 of lots 3 & 4 Block 4 Range 2 N.
One-story concrete and frame garage.
Owner—Pierre J E & Cath Montmayeur 257 N 2nd St., San Jose.
Architect—Chas. S. McKenzie, Bank of San Jose Bldg., San Jose.
Contractor—J. Erle McCombs & W. R. Lomas, 566 S 2nd St., San Jose.



NOTE:—The following letter and K. C. B-like stuff is from Secretary Palm and some more of the literary lights of the Sacramento Builders Exchange

SACRAMENTO BUILDERS EXCHANGE
A. W. Norris, Pres. W. B. Scollan, Vice Pres. O. H. Miller, Treas.
Sacramento, Calif., January 6th, 1923

Mr. Clarence F. Pratt,
Hearst Building,
San Francisco,

Dear Sir:—Received your postal card of the 3rd and wish to thank you for giving mention of our EXCHANGE DUCK STEW in the Daily Pacific Builder. Enclosed is some "dope" you may be able to use in your next copy as per your suggestion.

Called on Mr. Albee, your Sacramento Superintendent, and he is giving a truck load of your "clean, sharp sand" as a prize.

Yours truly,
A W. PALM, Secretary.

THE SACRAMENTO Builders Exchange.
• • •
IS GRATEFUL.
• • •
TO MR. "Sand" Pratt.
• • •
FOR TELLING in his "Concrete Mix."
• • •
ABOUT OUR Exchange Duck Stew.
• • •
HE HAS a Sand Plant.
• • •
SO NEAR the place.
• • •
OF OUR event.
• • •
THAT, AS one of our prizes.
• • •
HE IS giving five yards.
• • •
OF HIS "Clean, Sharp Sand."
• • •
IF SANDY Pratt is not present.
• • •
AT OUR Duck Stew.
• • •
HE WILL have to forfeit $1000.
• • •
TO ADD to President Norris'.
• • •
$1,000,000 SPENT on shooting ducks.
• • •
FOR THE stew
• • •
ON THE "Dollar Duck Preserve."
• • •
NEAR PRATT Building Material Co.'s.
• • •
MARYSVILLE WHITE sand loading plant.
• • •
DUCKS FOR our stew.
• • •
ARE AS plentiful.
• • •
AS THE grains of sand.
• • •
IN ONE yard.
• • •
OF "SAND" Pratt's "clean, sharp sand."
• • •
AS FOR the other "necessities,"
• • •
JUST AS plentiful.
• • •
AS THE number of "drops."
• • •
SANDY PRATT uses.
• • •
IN WASHING clean a carload.
• • •
OF HIS "hard" sharp sand.
• • •
(With apologies to Clarence "Sand" Pratt).

This photo shows Andy Truck McGuire, well known retailer of Pratt's clean, sharp sand out of the American River Andy told Sandy Pratt that he is the greatest duck hunter in the Sacramento Exchange, but he did not want to discourage the others (would-be hunters) by going out and doing his best. Andy says his record is 976 ducks, 4000 geese, 100,000 quail and 90 jack rabbits for one day and then it was poor shooting on account of the heavy land fog.

Plans Being Prepared.
WHSE & GAR. Cost—
OAKLAND, Alameda Co., Cal., Market and 22nd Streets.
One-story reinforced concrete office, warehouse and garage.
Owner—Foster & Kleiser Co., S. F.
Architect — Weeks & Day, California Commercial Union Bldg., S. F.

Contract Awarded.
GARAGE Cost, $25,000
SAN FRANCISCO, N McAllister 177-6 W Fillmore.
Two-story and basement concrete garage.
Owner—Jos. Pasqualetti, 785 Market St., San Francisco.
Contractor—American Concrete Co., 785 Market St., San Francisco.

GOVERNMENT WORK AND SUPPLIES

Seattle, Wash.—Until Jan. 24, 11 a. m., bids will be received by Alaskan Engineering Commission, Bell Street Terminal, Seattle, under Circular No. 598, for fur. 15 Hart convertible cars, f. o. b. car works. **Spec. for this work on file in office of Bldg. & Eng. News.**

WASHINGTON, D. C.—The conference report on the Navy Department Appropriation Bill adopted in the House carries an appropriation of $1,500,000 for dikes, wharves and quay walls at the Mare Island, Calif., Navy Yard.

WASHINGTON, D. C. — Bureau of Yards and Docks, Navy Department, preparing Spec. No. 4776 to reconstruct dikes 9 and 14 and riprapping dike under Spec. No. 4775 at Mare Island, Cal. Navy Yard.

WASHINGTON, D. C. — Hawaiian Dredging Co., 854 Kuhuhuana St., Honolulu, T. H., submits only bid to Bureau of Yards and Docks, Navy Department, under Spec. No. 4687, to construct reinforced concrete piers at Pearl Harbor, T. H., as follows: Item 1, entire work, $150,553, time 270 days; item 2, do based on alternative location, $187,247, time 270 days; item 3, add or deduct for each ft. of timber fender and dolphin pile in excess of or less than total length, add $2, deduct 75c; item 4, add or deduct for each foot of concrete pile in excess of or less than total length, add $4, deduct $2.25; item 5, add or deduct for each foot of composite pile in excess of or less than total length, add $4, deduct 50c; item 6, price per cubic yard for additional dredging covering soft dredging, 70c; item 7, do hard dredging, $2.50.

WASHINGTON, D. C. — Following bids received by Bureau of Yards and Docks, Navy Department, under Spec. No. 4707 to construct extension to pier No. 4 at Puget Sound, Wash., Navy Yard:

Item 1, work complete; 2, do, bidders' design; 3, deduction for each bay omitted; 4, deduction for bituminous wearing surface omitted on deck; 5, add or deduct for each foot of pile in excess of or less than total length.

J. A. McEachern, Inc., 552 Colman Bldg., Seattle, Wash., Item 1, $473,000, 300 days; 3, $15,400, 5 days; 4, $10,000, 15 days; 5, 25c.

Henry & McFee, 208 Northern Light Bldg., Seattle, Wash., item 1, $440,000, 240 days; alternate, $392,000; item 2, alternate, $403,000, 300 days; 3, $14,000; 4, $8500; 5, 27c.

DENVER, Colo—Until Feb. 15, 2 p. m. bids will be received by U. S. Reclamation Service for fur. two 48-in. needle valves for Black Canyon pumping plant Boise project, Idaho.

SEATTLE, Wash.—Until Jan. 17, 11 a. m., bids will be received by Alaskan Engineering Commission, Bell Street Terminal Seattle, under Req. SC4211 for fur. and del. 1 steel barrel Evertite Boiler covering, approx 400 lbs. as mfg. by Excello Mfg. Co.; boiler tubes; repair parts for Niles-Bement-Pond Traveling Crane; sleeping car keys, etc. **Spec on file in office of Bldg. & Eng. News.**

DENVER, Colo.—Until Feb. 14, 2 p. m., bids will be received by U. S. Reclamation Service for fur. two 5-ft. by 5 ft. high pressure sluice gates for Black Canyon dam, Boise project, Idaho

WASHINGTON, D. C.—Until Jan. 19, 10:30 a. m., bids will be received by Panama Canal Commission, under Circular No. 1506, for fur. and del. Balboa (Pacific Port) return track turnouts, truck chassis, pumps, steel chain, corru roofing, iron or steel rope and cable, seizing wire, iron or steel pipe, brass and copper tubing, hose nozzles, lanterns, screws, garbage cans, nails, machetes, scythe blades, and snaths, latches, hinges, grommets, lighting arrestors, fuses, electrical wire, lamp cord, asbestos wood, street brooms, packing, leather belting, linoleum, wood handles, varbish brushes, rubber chair glides, rubber tubing, canvas, floor wax, blue print cloth, fire clay, varnish, paint and paint remover, tar, creosote, oil, asphalt cement, lumber, etc., etc. **Spec. on file in office of Bldg. & Eng. News.**

WASHINGTON, D. C.—Following is a list of prospective bidders for Pacific Coast Government projects, in addition to those previously reported in these columns::

American Lake, Tacoma, Wn., Veterans' Hospital, bids to be opened Jan. 16.
W. D. Lovell, 1415 8th St. SE, Minneapolis, Minn.
Builders' Exchange, 201 Worcester Bldg., Portland, Ore.
The Turner Co., 272 Natoma St., San Francisco, Calif.
A. B. Sands & Sons Co., New York City.
The Erickson Construction Co, Downs Bldg., Seattle, Wash.
W. S. Fleming, 292 Washington St., Portland, Ore.
Porter Bros. Co., Spokane, Wash.
David Lupton's Sons Co., Allegheny Ave. and Tulip St., Philadelphia Pa.
Russell & Erwin Mfg. Co., New Britain, Conn.

Astoria, Ore., Piers, bids to be opened Jan. 17, under Spec. 4615; Tacoma Dredging Co., Inc., Tacoma, Wash.

Tiburon, Calif., Water Supply System, Spec. No. 4716, date for opening bids not set: Newport Contracting & Engineering Co., Newport News, Va.

Pearl Harbor, T. H. Refrigerating and ice making plant, bids to be opened Jan. 24, under Spec. No. 4735: W. F. Martens, 112 Cutter Bldg., Rochester, New York.

San Diego, Calif., water softening plant, date for opening bids not set; spec. No. 4768:
H. S. B. W. Cochrane Corporation, 17th St. below Allegheny Ave., Philadelphia, Pa.
Wayne Tank and Pump Co., Fort Wayne, Ind.
International Filter Co., 333 W 25th St., Chicago, Ill.
American Water Softener Co., Lehigh Ave. and 4th St., Philadelphia, Pa.
The Permutit Co., 440 4th Ave., New York City.

HALLS AND SOCIETY BUILDINGS

All Bids Rejected.
FACULTY BLDG. Cost—
BERKELEY, Alameda Co., Cal., University grounds.

A. E. Leitch Fred Clark

CLARK & LEITCH ROOFING CO.

Successors to E. S. Warner

Office and Warehouse:

1110 SECOND ST., SACRAMENTO

Phone Main 726

Three-story frame and stucco woman's Faculty Bldg.
Owner—Building Committee Women's Faculty Club, University of California.
Architect—John Galen Howard, First Natl. Bank Bldg., S. F.
All bids received on December 27 have been rejected. The lowest of the twelve bids was submitted by I. M. Sommer, Balboa Bldg., San Francisco, at $124,489.

Figures to be Taken in a Few Days.
LODGE BLDG. Cost, $60,000
HOLLISTER, San Benito Co., Cal. Fifth and San Benito Streets.
Four-story and basement reinforced concrete lodge and store building.
Owner—Elks Lodge of Hollister.
Architect—Shea & Shea, Chronice Bldg., San Francisco.

Plans Being Prepared.
CLUB HOUSE Cost, $60,000
SAN FRANCISCO.
Class C club building.
Owner—Withheld.
Architect—O. R. Thayer, 110 Sutter St., San Francisco.

Plans to be Prepared.
LODGE HALL, ETC. Cost, $100,000
MARYSVILLE, Yuba Co., Cal. Third and E Streets.
Five-story stores, lodge halls and office building.
Owner—Masonic Temple Bldg. Ass'n., (Corinthian Lodge of Free and Accepted Masons), Marysville
Architect—Not Yet Selected.
It is proposed to finance construction through the sale of stock to members of the organization.

PETALUMA, Sonoma Co., Cal.—Petaluma Lodge No. 901, B. P. O. Elks has appointed Exalted Ruler F. J. Burke to select and purchase a site for a new lodge hall. A building committee will be organized to work out means of financing construction.

KINGSBURG, Fresno Co., Cal.—Anton Johnson, Kingsburg Bank Bldg., Kingsburg, at $18,870 awarded contract by Kingsburg Post No. 191, American Legion, to construct new club building.

HOSPITALS

LOS ANGELES, Cal.—Archt John J. Frauenfelder, 1116 Story Bldg., L. A., reports that the class A hospital to be erected on Glendale Blvd. near Waverly Dr. for the Merrill Corp., Ferguson Bldg., will be erected by sub-contract. Excavating has been completed and bids for conc. work will be taken at once. The building will be 3 stories 100 by 46 ft. reinf. conc. constr., and will cost $65,000.

HILLSBORO, Ore.—Architect E. E. McClaren, 525 Exchange Bldg., Portland, preparing plans for 2-story and basement reinforced concrete hospital to be erected near Hilsboro for the County of Washington; will be 36 by 130 ft., est. cost $35,000.

HOTELS

Low Bidder.
ADDITION Cost, $80,000
SANTA ROSA, Sonoma Co., Cal. Occidental Hotel.
One-story reinforced concrete addition to two-story hotel building.
Owner—Messrs. Rossi & Nelson, Occidental Hotel, Santa Rosa.
Architect—Arthur S. Bugbee, 26 Montgomery St., San Francisco.
E. Teicheira, of Vallejo, submitted the lowest bid at approximately $57,500 for the general contract except the heating.

Plans Being Prepared.
HOTEL Cost, $70,000
FRESNO, Fresno Co., Cal. W Side J Street, bet. Kern and Inyo Sts.
Two-story and basement Class C store and hotel building, 67x150 (3 stores 30 rooms).
Owner—Darbinian Bros. & Damir Bros.
Architect — Coates & Traver, Rowell Bldg., Fresno.

Plans Being Prepared.
STORE & HOTEL Cost, $2,000,000
SAN FRANCISCO, Market, Fulton & Hyde Sts., 170 ft. on Market, 229 on Hyde and 100 ft. on Fulton.
Sixteen-story and basement class A store and hotel (630 rooms).
Owner—E. Tropp & Wm. C. Crittenden, 129 Sutter St., S. F.
Architect—Kenneth MacDonald Jr. & Maurice C. Couchot, 345 Pine St., San Francisco.
Mr. Tropp stated that it is planned to start construction in 90 days and will call for figures from San Francisco contractors including P. J. Walker Co., Cahill Bros., Dinwiddie Construction Co., MacDonald & Kahn, Lindgren Co. et al.

Contract Awarded.
HOTEL Cost, $80,000
LOS ANGELES, Cal. SW Eleventh and Trenton Streets.
Four-story brick store and hotel building, 65x115 (5 stores and 83 rooms)
Owner—S. Hagen and A. Triester.
Architect & Contractor—E. C. Wiseman, 313 S-Figueroa St., L. A.

SANTA BARBARA, Santa Barbara Co., Cal.—John M. Williams has the contract and has secured a permit for the erection of the new Carrillo hotel at the southeast corner of Carrillo and Chapala Sts. The bldg., which will be of reinf conc. constr., 5-story, will cost $350,000. There will be 180 rooms, 175 baths, lobby, dining room, etc. Architecture will be of modified Spanish style with central light court to the rear. Plans were prepared by Archts. Marston & Van Pelt, Pasadena. The hotel has been leased to the El Encanto Hotel Co. It will probably be ready for occupancy in the fall.

LOS ANGELES, Cal. — Archts. John Parkinson and Donald Parkinson, 420 Title Insurance Bldg., L. A., are completing plans for the 12-story class A hotel addition to be erected at sw cor. of Fifth and Main Sts., L. A., for Hart Bros., proprietors of Rosslyn Hotel. Bids for wrecking the bldgs. now on site will be taken at once and general bids for erecting the new bldg. will be called for about Feb. 1.

POWER PLANTS

BANNING, Cal.—San Gorgonia Power Co. granted permission by the railroad commission to const. two hydro-electric plants near Banning. Permission was also granted the company to sell $400,000 of bonds and $100,500 of common stock. The issue of $50,000 bond and $400,000 stocks as requested, was denied. The $100,000 stock shall be used to pay for properties transferred to company. The San Gorgoria Co. was given permit to lease its properties when completed, to Southern Sierras Power Co.

PHOENIX, Ariz. — James B. Girard, engr., has secured a permit from State Water Commission, W. S. Norviel, for construction of a $40,000,000 power dam on the Colorado river at the mouth of Diamond Creek, 26 mi. north of Peach Springs, Ariz. and approx. 100 mi. above the site of the proposed Boulder Canyon dam. The Diamond Creek dam will generate 200,000 h. p. electrical units. The dam which is to be built for the Colorado River Engineering & Development Co. of Ariz. will be 300 ft. high, with tunnels to the power house, which will be located on the Mesa at the mouth of the river, and then leading back into the stream. Application for permission to construct this dam has been made to federal power commission in Washington, D. C.

SAN FRANCISCO—Anaconda Copper Mining Co. represented by the Pacific States Electric Co., 375 Mission St., and Aluminum Co of America, submit only bids to Board of Public Works for furnishing transmission line conductors for 2 three phase 154,000 volt circuits each approx. 95 miles in length and for material sufficient to extend one circuit each additional 41 miles. The Anaconda Co. bid ranged from $.179 to $.1968 per lb. and the Aluminum Co. approx. $.214. Bids referred to City Eng. M. M. O'Shaughnessy for tabulation.

SACRAMENTO, Cal.—Plans and estimates of cost for the proposed Sacramento Municipal hydro-electric project at Silver Creek will be completed by City Eng. Albert Givan in February.

SEATTLE, Wash.—Anaconda Copper Mining Co., at $14,559.75, awarded contract by Board of Public Works for furnishing 82,280 lbs. telephone wire for the Skagit river development project.

PUBLIC BUILDINGS

Plans Being Figured—Bids Close Feb. 19, 5 P. M.
JAIL Cost, $3,000
LIVERMORE, Alameda Co., Cal. McLeod St near E-First St.
One-story reinforced concrete jail, 17x 26 feet (4 cells).
Owner—Town of Livermore, Elmer G. Still, City Clerk.
Architect—Henry H. Meyers, Kohl Bldg., San Francisco.
Certified check for 10% payable to Town required with each bid. Plans obtainable from architect on deposit of $10, returnable, and on file in office of clerk.

MARTINEZ, Contra Costa Co., Cal.—County supervisors contemplate construction of a hall of records building adjoining the present county courthouse. Funds will probably be raised through a bond issue.

LODI, San Joaquin Co., Cal.—Mayor J. W. Shattuck urges early construction of a modern city hall building, the present structure being in adequate to meet the city needs.

WENATCHEE, Wash.—Until Jan 29, bids will be rec. by Architects Morrison & Stimson, Spokane, Wash., to construct new county-city building at Wenatchee; est. cost, $350,000.

CAMPBELL, Santa Clara Co., Cal.—Campbell Woman's Club has had preliminary plans prepared for a one-story library building to cost approx. $10,000. Preliminary plans provide for a structure 84 by 135 feet, with two wings, the library wing, 31 by 45 feet, and the club room, 30 by 45 ft. Will be of frame and stucco construction.

LOS ANGELES, Cal.—The Allied Architects Assn. is conducting a competition among its own members to obtain a comprehensive plan for a greater museum to be erected at Exposition Park by Los Angeles Co. The first plans are to be submitted on January 29th for criticism by the members. Further plans will then be prepared and the final scheme developed in the same manner that the design of the County Hall of Justice was developed. The complete museum will cost several million dollars and its construction will extend over a period of years. It is planned to erect the first unit of the bldg. this year from funds which are now available.

SACRAMENTO, Cal.— Senator Lewis of Los Angeles will submit bill seeking an appropriation of $3,000,000 for a state building in the Los Angeles civic center.

RESIDENCES

Contract Awarded.
RESIDENCE Cost, $15,727
SAN JOSE, Santa Clara Co., Cal.
One-story nine-room frame and stucco residence with tile roof (separate garage).
Owner—Fred Stern.
Architect—Chas. S. McKenzie, Bank of San Jose Bldg., San Jose.
Contractor—J. E. Perkins, 1652 E-Santa Clara St., San Jose.

Plans Being Prepared.
RESIDENCE Cost, $15,000
BERKELEY, Alameda Co., Cal., Tunnel Road and The Uplands.
Two-story and basement frame and stucco residence (8 rooms) and separate garage.
Owner—Henry F. Swift.
Architect—R. I. Stringham, 260 California St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $10,000
SAN FRANCISCO, SE Howard and 19th Streets.
Two-story frame residence.
Owner—Leonard D. & Flora Frank, 32 Bartlett Street, S. F.
Architect — A. J. Horstmann, Anglo Bldg., San Francisco.
Contractor—M. C. Ingraham, 165 Fell Street, San Francisco.

Contract Awarded.
DWELLING Cost, $20,000
SAN FRANCISCO, N 21st St. 164 E Dolores.
Two-story and basement frame dwlg.
Owner—H. A. Banzhaf.
Architect—Theo W. Lenzen, Humboldt Bank Bldg., S. F.
Contractor—Brutcher & Serna, 180 Jessie Street, San Francisco.

Plans Being Figured.
RES. & GAR. Cost $16,000
BERKELEY, Alameda Co., Cal., Claremont district.
Two-story and basement frame stucco residence and garage.
Architect—Meyer & Johnson, Bankers Inv. Bldg., S. F.

Plans Completed.
RESIDENCE Cost, $12,000
SAN FRANCISCO. S Cerritos Ave. 140 W Ocean Ave.
Two-story and basement frame residence.
Owner—Edw. A. Johnson, 2445 26th Ave., San Francisco.
Designer—T. E. Peyser, 2447 26th Ave., San Francisco.

Plans Being Prepared.
RESIDENCES Cost, 10,000 ea.
SAN FRANCISCO, St. Francis Wood.
Two frame and plaster residences.
Owner—Withheld.
Architect—O. R. Thayer, 110 Sutter St. San Francisco.

Plans Being Prepared.
RESIDENCE Cost, $9500
SAN FRANCISCO, Forest Hill.
Frame and plaster residence.
Owner—Withheld.
Architect—O. R. Thayer, 110 Sutter St., San Francisco.

Contract Awarded.
DWELLINGS Cost, $2800 ea.
OAKLAND, Alameda Co., Cal., 2451-57-63-69-75-81 67th Ave.
Seven 1-story 5-room frame dwlgs.
Owner—Louis Saroni, 705 Sansome St., San Francisco.
Contractor—C. P. Pond, 1163 Ashmont Ave., Oakland.

SCHOOLS

Contract Awarded.
SCHOOL Cost, $31,995
WAUKENA, Tulare Co., Cal.
Four classroom and auditorium concrete and pressed brick school; tile roof.
Owner—Waukena Union High School District.
Architect—Ernest J. Kump, Rowell Bldg., Fresno.
Contractor—J. B. Hart, 945 San Pablo St., Fresno.
Complete list of bids follow. (2, plumbing):
J. B. Hart, Fresno.....$31,995
(2) $848.
Miller & Wyatt, Fresno.....$38,536
(2) $620.
D. F. Cahill, Lemoore.....$33,763
Barkelew & Gould, Tulare.....$33,934
(2) $776.
Martin Constr. Co., Fresno.....$33,737
G. A. Graham, Dinuba.....$34,000
(2) $758
City Plumbing Co., Visalia.....$— —
(2) $772.
J. C. Lewis, Corcoran.....$— —
(2) $462.

Contract Awarded.
SCHOOL BLDG. Cost, $86,000
SANTA ROSA, Sonoma Co., Cal. Lincoln School.
Reinforced concrete school building.
Owner—Santa Rosa Grammar School District.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
Contractor—Hannah Bros., 142 Sansome St., San Francisco.
Other bidders were W. L. Proctor,

Coast Constr. Co., Peters Constr. Co. and Campbell Constr. Co.

Due to the disappearance of M. C. Vaughn, Oakland contractor, who was originally awarded the contract for this project on a bid of $86,000, the National Surety Co., 160 Sansome St., San Francisco, called new bids.

Bonds Voted — Bids To Be Asked Shortly.
SCHOOL Cost, $150,000
SEDRO WOOLLEY, Washington.
Two-story brick (24 classroom) high school, 260x180 ft.
Owner—Union High School District No. 4, Skagit County.
Architect—Stephen, Brust and Stephens New York Block, Seattle, Wash.
Will contain 24 classrooms and gymnasium. Will provide accommodations for 450 pupils.

Plans Being Prepared.
SCHOOL Cost, $125,000
SACRAMENTO, Sacramento Co., Cal.
25th and K Streets.
Three-story reinforced concrete parochial school.
Owner—Roman Catholic Archbishop (St. Francis parish)
Architect—R. A. Herold, Forum Bldg., Sacramento.

Commissioned to Prepare Plans.
SCHOOLS Cost, $175,000
MODESTO, Stanislaus Co., Cal.
Two new grammar schools, $60,000 each and alterations to present schools, $55,000.
Owner—Modesto Grammar School Dist.
Architect — John J. Donovan, 1916 Broadway, Tapscott Bldg., Oakland

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Figures To Be Taken Next Week.
SCHOOL Cost, $350,000
TAFT, Tulare Co., Cal.
Group of reinforced concrete school buildings.
Owner—Taft Union High School Dist.
Architect—W. H. Weeks, 369 Pine St., San Francisco.

Contracts Awarded.
GYMNASIUM Cost, $34,299
HANFORD, Kings Co., Cal.
One-story frame & stucco gymnasium
Owner—Hanford High School District.
Architect — Coates & Traver, Rowell Bldg., Fresno.
General Contract to E. G. Washburn, Hanford, $29,985.
Plumbing and Heating to Horlock-Clow Co., Hanford, $4314.

Figures to be Taken in Three Weeks.
LIBRARY BLDG. Cost, $100,000
BERKELEY, Alameda Co., Cal. Leconte Avenue.
One-story concrete and stone library building (1st unit).
Owner—Pacific School of Religion.
Architect—W. H. Ratcliff Jr., First National Bank Bldg., Berkeley.
The second unit will be started in about four months. The school when complete will cost $1,000,000.

WHITTIER, Los Angeles Co., Cal.—John Simpson & Co., 701 Antonio Ave., were low bidders at $107,890 for erecting a new class room building at Whittier high school. Low bidders on other contracts were: E. Drawbaugh of Pasadena on painting at $5035; J. G. Robertson Electric Co., Santa Ana, on wiring at $2975; S. Hill & Son, Santa Ana, on plumbing at $5887; and Thos. Haverty Co. on heating at $12,761. A number of alternate bids were taken on each contract for additions and deductions which may make a change in the successful bidders depending upon which propositions are accepted by the school board. Myron Hunt, 1107 Hibernian Bldg., Los Angeles, is the architect. The bids received were: **General contract**—John Simpson & Co., $107,890; Davies Const Co., $107,900; Darrell Condley Co., $108,150; Clark Bros. & Libby, $113,997; Daniels & Farris, $14,000; B. D. Kronnick, $117,000; Balvin & Burch, $119,340; L. A. Bldg. & Constr. Co., $134,829. **Painting**—E. Drawbaugh, $5035; E. A. Lindgreen, $5083; Alhambra Wall Paper & Paint Co., $5450; R. Zelinsky, $5972; D. Zelinsky & Son, $6548; A. Quandt & San, $7383; Ellis Emory, $8538.70 **Electric Work**—J. G. Robertson Elec. Co., $2975; H. H. Walker, $3347; Newbery Elec. Corp., $3825; Graham Elec. Co., $3836. **Plumbing**—S. Hill & Son, $5887; W. P. McArthur, $5992; J. Hokom, $5999; Whittier Hardware Co., $6125. **Heating**—Thos Haverty Co., $12,761; S. Hill & Son, $13,962; Arthur Hess, $14,610; L. Z. Brown, $14,923; Hoagland-Lakin Co., $15,390; J. Hokom, $15,471; W. P. McArthur, $18,723.

WHITTIER, Los Angeles Co., Cal.—Davies Constr. Co., I. W. Hellman Bldg., Los Angeles, was low bidder at $198,500 on the general contract for erecting a new auditorium building at Whittier high school. Low bidders on other contracts were: E. A. Lindgreen on painting at $3664; J. G. Robertson Elec. Co., on wiring at $8540; S. Hill & Son, Santa Ana, on plumbing at $3135 and Thos. Haverty Co. on heating at $23,653. A number of alternate bids were taken on each contract for additions and deductions which may change the successful bidders, depending upon which propositions are accepted by the school board. Myron Hunt, 1107 Hibernian Bldg., Los Angeles, is the architect. The bids received were: **General Contract**—Davies Constr. Co., $198,500; L A. Bldg. & Contracting Co., $200,600; B. D. Kronnick, $205,000; Darrell Condley Co., $212,653; John Simpson & Co., $214,747; Bavin & Burch Co., $232,250; Clark Bros. & Libby, $243,802. **Painting**—E. A. Lindgren, $3664; E. Drawbaugh, $5403; A. Quandt & Son, $5825; R. Zelinsky, $4672; Alhambra Wall Paper & Paint Co., $6783; D Zelinsky, $7985; Ellis Emory, $9486. **Electric Work**—J. G. Robertson Elec. Co., $8540; Graham Elec. Co., $8928; H. H. Walker, $9942; Newbery Elec. Corp., $10,238. **Plumbing**—S. Hill & Son, $3135; W. P. McArthur, $3993; Whittier Hardware Co., $4090; J. Hokom, $4989. **Heating**—Thos. Haverty Co., $23,653; Hoagland-Lakin Co., $25,990; W. P. McArthur, $26,269; S. Hill & Son, $26,687; J. Hokom, $28,024; Arthur Hess, $29,294; L. Z. Brown, $32,074.

RICHMOND, Contra Costa Co., Cal.—Richmond Union High School District has purchased 19.3 acres in Tulare Ave. and 23rd St., on which additions to present structure will be erected at some future time.

HANFORD, Kings Co., Cal.—Carl Nelson, Hanford, at $18,000 awarded contract by Kings River School District for additions and alterations to present school. Glass and Butner, architects, Cory Bldg., Fresno.

HANFORD, Kings Co., Cal.—Bids for landscape work at Hanford High School have been taken under advisement by trustees. Bids were received from San Joaquin Nursery Company, Hanford; California Nursery Co., Fresno; Gill Nurseries, West Berkeley; Crow Nursery, Gilroy; West Coast Nursery Co., Palo Alto, and Walnut Creek Nursery, Berkeley. H. G. Cotton, Call Bldg., San Francisco, is landscape architect.

HANFORD, Kings Co., Cal.—Rain-On-Tap Co., 453 Mission St., San Francisco, at $2750 awarded cont. to install lawn sprinkling system on Hanford high school grounds.

HOLLISTER, San Benito Co., Cal.—The Board of Trustees of the Pacheco School District in San Benito School District in San Benito County opened bids on January 8 for the construction of a frame and plaster school building from plans prepared by Architects Wyckoff & White, Growers Bank Bldg., San Jose.

R. B. Williams, of Hollister, was awarded the general contract and Brown & Chappell, of Hollister, the heating contract. Following is a complete list of the bids:

General Contract

R. B. Williams, Hollister	$16,110
Frank Spalding	16,890
E. N. Vimmerli, Palo Alto	17,150
Chas. Younger	17,267
E. Nommensen	17,842

Heating

Brown & Chappell, Hollister	$1507
Thos. Kennedy, Martinez	1767
J. E. O'Mara, S. F.	1845

VALLEJO, Solano Co., Cal.—Petitions seeking the establishment of a junior college are in circulation through Solano county. The petitions will be forwarded to D. H. White, County Supt. of schools when sufficient signatures are secured.

MONTEREY, Monterey Co., Cal.—Until Jan. 27, 1.30 P. M., bids will be rec. by Jas. McIntosh, Sec'ty. Monterey Union High School District, for furniture, library and laboratory furniture, stage equipment, steel lockers, teachers' and pupils' desks, portable chairs, tables arm chairs, window shades and knock-down bleachers. **See call for bids under official proposal section in this issue.**

LIVERMORE, Alameda Co., Cal.—Until Jan. 19, 1923, 3 P. M., bids will be rec. by Chas. M. Nissen, Clerk, Livermore School District, for fur from 200 to 500 veneer opera chairs, No. S-320 of Western States Seating Co., or similar, or vencered portable chairs, No. 598 of Western States Seating Co., or similar. Samples to be submitted with bids. **See call for bids under official proposal section in this issue.**

HANFORD, Kings Co., Cal. — E. T. Washburn, Hanford, at $29,985 submits low bid to Hanford Union High School District to construct one-story frame and stucco gymnasium. Horlock-Clow Co., Hanford, at $4314 low bidder for plumbing and heating. Complete list of bids follow:

General Contract

Martin Const. Co., Fresno	$32,639
Carl Nelson, Hanford	32,999
John Morton, San Francisco	31,450
Larsen-Siegrist, S. F.	37,777
Brown & Stewart, Hanford	32,429
Barkelew & Gould, Tulare	31,170
Miller and Wyatt, Fresno	31,689

Plumbing and Heating

Martin Const Co.	$4314
Carlson Nelson	4314
Larsen-Siegrist	4379
Brown and Stewart	4314
Miller and Wyant	4314
Ford and Berry	5538

For a general contract including plumbing and heating, Fisher and McNulty, Fresno, bid $38,896 and Louis Cereghino, San Francisco, $36,800.

Coates and Traver, Rowell Building, Fresno, architects.

FAIRFIELD, Solano Co., Cal.—Petitions are being circulated throughout Solano county seeking the establishment of a junior college, the estimated cost of which is placed at $500,000. No plans have been made as yet.

LOS ANGELES, Cal.—Until 9 a. m., Feb. 2, bids will be received by the Board of Education for erecting new bldg. at Hammel St. school site, at Hammel and Brannick Sts.; Geo. M. Lindsay, archt. Bids will be taken separately on general work, plumbing, painting, heating and wiring. Plans may be obtained at secy's office, 730 Security Bldg., L. A. The bldg. will contain 12 units; 2-story, brick constr., selected common brick facing, comp. roofing, pine trim, pine and maple flrs., reinf. conc. stairways and corridor flrs., steam heating; $80,000.

SAN FERNANDO, L. A. Co., Cal. — Until 9 a. m., Jan. 31, bids will be received by the board of education for erecting a new elementary school at San Fernando. Separate bids will be taken for general work, plumbing, wiring, heating, painting. Harry L. Pierce, archt. Plans may be obtained at secretary's office, 730 Security Bldg., L. A. Two wings of 4 rooms each, 40x114 ft., brick walls, red press. brick facing, cast stone trim, comp. roofing, pine trim, pine and maple floors, marble work, gas heating; cost, $84,000.
(43692) 1st report Sept. 28, 1922. R13

STORES AND OFFICES

Plans Being Prepared.
OFFICE BLDG. Cost, $27,500
OAKLAND, Alameda Co., Cal., Franklin Street.
Two-story concrete office building.
Owner—Withheld.
Architect — Chas. W. McCall, Central Bank Building, Oakland.

Commissioned To Prepare Plans.
OFFICE BLDGS. Cost, $1,500,000
LOS ANGELES, Los Angeles Co., Cal., Mercantile Place from Broadway to Spring Street.
Two twelve-story class A office buildings with connecting arcade.
Owner—A. C. Blumenthal, Allen MacDonald, Felix Kahn and Laz Lansburgh, Loew State Building, Los Angeles.
Professional Advisor — Architect Sylvain Schnalttacher, 233 Post St., San Francisco.
Contractors—MacDonald & Kahn, Loew State Bldg., Los Angeles and 130 Montgomery St., San Francisco.
Architects Kenneth MacDonald Jr. & Maurice Couchot, 234 Pine St., S. F., won the competition in which the following architects participated: Weeks & Day, G. Albert Lansburgh & Sam Helman, S. F., Albert Kahn, Detroit, Michigan; Curlett & Beelman, and Swasey & McAfee, Los Angeles.
The jury consisted of the following: Arthur Brown Jr., Lewis P. Hobart, Allen MacDonald, Felix Kahn, A. C. Blumenthal, Laz Lansburgh and W. K. Bowes, representative for F. W. Strauss & Co.

Contract Awarded.
ADDITION Cost, $60,000
SAN FRANCISCO, SW Van Ness Ave & Sacramento.
Four-story class B steel and concrete addition to auto sales bldg.
Owner—Paige Co. of Northern Calif.
Architect — Sylvain Schnalttacher, 233 Post Street, S. F.
Contractor—Barrett & Hilp, 918 Harrison St., S. F.

Plans Being Prepared.
STORE BLDG. Cost, $10,000
SAN RAFAEL, Marin Co., Cal.
One-story brick store building.
Owner—Withheld.
Architect—J. W. Dolliver, Monadnock Building, S. F.

Plans Being Prepared.
STORE BLDG. Cost, $40,000
SAN RAFAEL, Marin Co., Cal.
Two-story reinforced concrete store building.
Owner—Withheld.
Architect—J. W. Dolliver, Monadnock Bldg., S. F.

Contract Awarded For Structural Work
MARKET BLDG. Cost, $200,000
SACRAMENTO, Sacramento Co., Cal., SW 13th and "J" Streets.
Two-story and basement class A market bldg. 170x160.
Owner—Mrs. Lizzie H. Glide, Berkeley.
Architect — Miss Julia Morgan, Merchants Exchange Bldg., S. F.
The contract for the structural work has been awarded to K. E. Parker Co., Clunie Bldg., S. F. at $97,600. Other bids ran as follows: $100,486, $106,500 and $106,625.

Working Drawings Being Prepared.
STORE BLDG. Cost, $75,000
FRESNO, Fresno Co., Cal., NE Inyo & "J" Streets.
One-story reinforced concrete store building (10 stores).
Owner—Estate of Mrs. A. Goorabian.
Engineer—L. H. Nishkian, Monadnock Bldg., San Francisco.
Plans will be ready for figures in about a month.

Plans Being Prepared.
OFFICE & STORE BLDG. $120,000
To $450,000
OAKLAND, Alameda Co., Cal., N 5th St. and San Pablo Ave. L-shaped lot
Three or 9-story reinf. conc. class B office and store building (brick and terra cotta facing).
Owner—C. W., Rex W., & Van Midgley American Theatre Co., San Pablo Ave. & 17th St., Oakland.
Architect—Willis C. Lowe, Monadnock Bldg., San Francisco.
Contractor—P. A. Palmer, Monadnock Bldg., San Francisco.

Plans Being Prepared.
STORE BLDGS. Cost $15,000 & $10,000
SAN ANSELMO, Marin Co., Cal.
Two 1-story concrete or hollow tile store buildings.
Owner—Kent & Minto.
Architect—R. I. Stringham, 260 California St., San Francisco.

Contract Awarded.
STORE BLDG. Cost, $20,000
SAN FRANCISCO. N Mission Street W Ecker Street.
One-story, basement and mazzanine reinforced concrete store building, 36x187-6 with L 37x87-6 (6 stores) hollow tile partitions.
Owner—A. Aronson.
Architect — Mel I. Schwartz, Nevada Bank Bldg., San Francisco.
Contractor — Geo. Goodman Artificial Stone Co., 35 Montgomery St., S. F.

Figures Being Taken From Selected List of Contractors.
ALTERATIONS Cost, $22,000
SAN FRANCISCO, 441-443 Pine St.
Extensive alterations for restaurant.
Owner—C. Maillebuau.
Architect—W. H. Crim, Jr., 425 Kearny St., San Francisco.

Plans Being Prepared.
STORE BLDG. Cost, $14,000
SAN FRANCISCO, Cole St.
One-story store building.
Owner—Withheld.
Architect—O. R. Thayer, 110 Sutter St., San Francisco.

Contract Awarded.
STORE BLDG. Cost—
SAN FRANCISCO, N Ellis near Taylor.
One-story class C store bldg. 25x90.
Owner—W. Barrett.
Architect—Arthur G. Bugbee, 26 Montgomery St., S. F.
Contractor—L. A. Hinson, 1322 Grove St., San Francisco.

SAN FRANCISCO, Cal.—The following sub-contracts have been awarded in connection with the construction of a 7-story class A office and bank building for the Federal Reserve Bank of S. F. It is being erected on the northwest corner of Battery and Sacramento streets from plans prepared by Archt George W. Kelham, Sharon Bldg. P. J. Walker Co., Monadnock Bldg., is the general contractor:

Boiler, fuel oil burner, fuel oil pumps, heaters, etc. awarded to Chas. C. Moore & Co., Sheldon Bldg., $31,960

Glazing, except skylight glass and first story corner screens, awarded to Cobbledick-Kibbe Glass Co., 668 Howard St., $35,860.

Hollow metal trim to Forderer Cornice Works, 269 Potrero Ave., $79,200.

Owner Taking Sub-Figures.
STORE BLDG. Cost, $10,000
PALO ALTO, Santa Clara Co., Cal., Homer Ave. and Emerson St.
One-story frame store bldg. 50x112 (5 stores).
Owner—Edw. & John Cashel, (Plumbers) 200 Horner St., Palo Alto.

Contract Awarded.
STORE BLDG. Cost, $10,000
OAKLAND, Alameda Co., Cal. N E-Fourteenth St. 100 E 39th Ave.
One-story store building.
Owner—A. Vanjes, Oakland.
Architect—None.
Contractor—Conrad Roth, R. F. D. No. 3, Hayward.

LOS ANGELES, Cal.—
The Chamber of Commerce has completed the financing of the new class A store and office bldg. to be erected on 12th St., bet. Hill St. and Broadway. Archt. John Parkinson, 420 Title Ins. Bldg., L. A., and Archt. John C. Austin, 1125 Baker-Detwiler Bldg., L. A., are completing plans for the bldg. and bids will be called for abount Feb. 1.

PORTLAND, Ore.—A. E. Doyle, Worcester Bldg., Portland, completing plans for six and two-story additions to Pittock Block; est. cost, $350,000.

VISALIA, Tulare Co., Cal.—W P. Boone of Dinuba, will commence construction in immediate future of a $40,000 business block in South Church street. Building will be three stories in height.

THEATRES

FRESNO, Fresno Co., Cal.—Horace Murphy backs movement to erect $100,000 theatre, 80 by 150 ft., at Belmont and Fresno Aves. Others interested in the project include: C. E. Daly, chairman; J. P. Cackler, F. J. Dow, S. M. Ray and Bert Harris.

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Official Proposals

NOTICE FOR BIDS

(Hardwick School District)

Notice is hereby given that the Board of Trustees of the Hardwick school District will receive sealed bids **up to the hour of 6 o'clock P. M., of Thursday, January 18, 1923, for** a pneumatic water pressure system according to the following specifications:

Furnish and install complete a hydro-pneumatic water supply system as follows:

1—TANK

36"x10', total capacity 525 gallons with man-hole, in accordance with State specifications and guaranteed 100 pounds working pressure.

2—PUMP

Pump to be capable of supplying approximately 1000 gallons per hour.

3—INSTALLATION

All of the above installed complete with suction and discharge pipes and fittings; all necessary electric wiring; and all left tested and in perfect working order.

Bids to be opened Friday, Jan. 19, 1923, at 12 o'clock noon, at Hardwick school house.

The Board of Trustees of Hardwick School District reserve the right to reject any or all bids.

LAVOY LANDIS, Clerk.
GEORGE M HUFFMAN,
C. E. BERTRAM,
Trustees Hardwick School District.

NOTICE TO SCHOOL SUPPLY HOUSES

(Opera Chairs)

Office of Clerk of Board of Trustees, Livermore School District, Livermore, Alameda County, California.

Sealed bds will be received by the Clerk of the Board of Trustees of the Livermore School District, Livermore, Alameda County, California, at the office of the Principal in the Grammar School Building **until Friday, Jan. 19, 1923, at 3:00 P. M.** (the day on which said bids will be opened and the contract awarded) for supplying to the Board of Trustees from 200 to 500 veneered opera chairs, No. S-320 of Western States Seating Co., or similar, and, or veneered portable chairs, No. 598, of Western States Seating Co., or similar.

Each bidder must have on display in the Principal's office on the day on which the bids are opened samples of the chairs upon which his bids are based.

The Board of Trustees reserves the right to reject any or all bids.

CHAS. M. NISSEN,
Clerk of the Board of Trustees, Livermore School District, Alameda County, California
Dated, Jan. 2nd, 1923.

NOTICE TO BIDDERS

(Monterey Union High School District)

Notice is hereby given that Trustees of the Monterey Union High School District, Monterey County, California, hereby calls for sealed proposals to be delivered to the Secretary of the Board at the High School at Monterey on **January 27, 1923, until the hour of one-thirty** for:

Laboratory furniture.
Library furniture.
Stage equipment.
Steel lockers.
Teachers' and pupils' desks.
Portable chairs.
Tablet arm chairs.
Window shades.
Knock down bleachers.

Specifications must be accompanied by a certified check for 5% of the total amount of bid. The Board reserves the right to reject any or all bids or accept any part of any bid.

Specifications may be had from the Secretary of the Board, Mr. James McIntosh, Monterey, California.

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

NOTICE TO WELL CASING MANUFACTURERS

Notice is hereby given that the Board of Directors of the Terra Bella Irrigation District will receive sealed bids up to **11 o'clock a. m., on February 6, 1923** for the furnishing F. O. B. Terra Bella, California, 300 feet of 10 inch, 300 feet of 12 inch, 300 feet of 14 inch and 300 feet of 16 inch double number 14 gauge well casing and two starter sections with shoe ¾ inch by 8 inches for each of the above named sizes of casing.

Each bid shall be accompanied by a certified check in the sum of ten per cent of the total amount of the bid for the 16 inch size casing and starters.

Bids shall be plainly marked "Bid for Well Casing" and addressed to Earle R. Clemens, Secretary, Terra Bella, California.

The Board of Directors reserves the right to reject any or all bids or any part of any bid and to waive defects.

EARLE R. CLEMENS, Secretary.

NOTICE TO WELL DRILLERS

Notice is hereby given that the Board of Directors of the Terra Bella Irrigation District will receive sealed bids for the drilling of two or more wells on its property in Section 22, T. 22 S. R. 28 E. each about 150 feet in depth up to **11 o'clock a. m., on February 6, 1923.** Bids shall be for wells of 10 inches in diameter, 12 inches in diameter, 14 inches in diameter and 16 inches in diameter.

Each bid shall be accompanied by a certified check in the sum of ten per cent of the total amount of the bid.

Bids shall be plainly marked "Well Drilling Bid" and addressed to Earle R. Clemens, Secretary, Terra Bella Calif.

The Board of Directors reserves the right to reject any or all bids or any part of any bid and to waive defects.

EARLE R. CLEMENS, Secretary.

NOTICE TO CONTRACTORS

(Sewage Runner Pumps)

Pursuant to resolution of the Board of Trustees of the City of Hanford, County of Kings, State of California, duly passed and adopted by said Board on the 18th day of December, 1922, notice is hereby given that the said Board will receive **up to 8 o'clock P. M., January 24, 1923,** sealed proposals for the purchase of,

2 No. 7 Single Stage, two passage enclosed raw sewage runner pumps, each mounted on extended cast iron base not wider than 36 inches (36"), and fitted with flexible couplings for motor connection, each pump being directly connected to a 10 h. p. 900 R.P.M., three phase, 220 volt, 40 degree motor not re-rated accompanied with hand compensator.

Bids may be submitted on all or a portion of said equipment, and all bids must be in writing signed by the proper authority accompanied by complete set of specifications, also a certified check for 10 per cent of the amount of the bid, with each bid covering said motors and pumps and a guarantee of delivery within ten days after acceptance of bid.

All bids must be made f. o. b. Hanford, Kings County, California. The Board of Trustees reserve the right to accept the whole or any portion of any one bid, or the right to reject any or all bids.

Dated this 9th day of January, 1923.

D. C. WILLIAMS,
City Clerk.

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BIDS WANTED FOR ADDITION TO SACRAMENTO SCHOOL

NOTICE TO CONTRACTORS

Notice is hereby given that sealed bids will be received by the Board of Education of the Sacramento City School District for the complete erection of an addition to a school building in accordance with plans and specifications on file in the office of the Secretary of the Board of Education of the Sacramento City School District, Room 300, City Hall, Sacramento, California, and also in the office of Dean & Dean, Architects, third floor of City Library Building, 9th and I Streets, Sacramento, California.

The said school building is to be erected on the property owned by the School District, at 24th and 25th Streets, Castro Way and 4th Avenue, situated in the City of Sacramento, State of California.

On a deposit of $15.00 with the Board of Education, or the Architects, complete sets of plans and specifications may be had by any prospective bidder, and retained for a period of 15 days. The deposit will be returned to the bidder on the return of the plans and specifications in good condition.

Bids must be made on proposals obtained at the office of the Architects, and be signed by the bidder, accompanied by a certified check for at least 10% of the amount of the bid or proposal, certified to by some responsible bank or banker, and made payable to the Secretary of the Board of Education of the Sacramento City School District, said check to be forfeited to and retained by the School District, should the party or parties to whom the contract shall be awarded fail to enter into the contract after the award, or to give bonds as required. Bids must be plainly marked on the exterior "Proposal for Addition to Sierra School Building."

All bids must be filed with the Secretary of the Board of Education of the Sacramento City School District, Room 300, City Hall, Sacramento, California, **not later than 7:30 o'clock P. M., Monday, January 22nd, 1923.**

The Board of Education of the Sacramento City School District reserves the right to reject any and all bids.

BOARD OF EDUCATION, SACRAMENTO CITY SCHOOL DISTRICT,
Chas. C Hughes, Secretary.

Engineering News Section

BRIDGES, DAMS & HARBOR WORK

SAN MATEO, Co., Cal. — Engineer John B. Leonard, 57 Post St., San Francisco, and Architect Lewis P. Hobart, Crocker Bldg., San Francisco, have prepared preliminary drawings for a steel and concrete bridge to be constructed at Coyote Point bet. San Diego and Alvarado for a private corporation organized under California laws. The project has been fully financed and early construction is expected. The structure will cost in the neighborhood of $10,000,000.

CALIFORNIA—A. W. Kitchen, 110 Market St., San Francisco, at $88,238 awarded cont. by State Highway Comm. to const. bridge over Stony Creek near Hamilton City; state to furnish materials costing $23,102.75.

O. B. Chaney & Sons, Acampo, Cal., at $12,540 awarded cont. to const. bridge over San Francisco-Sacramento R. R. near Denverton; state to furnish materials costing $4,130.

SAN ANSELMO, Marin Co., Cal.—Plans for bridges authorized under recently voted bond issue will be presented by Town Eng. Jessup at the Jan. 22 meeting of the trustees.

PLACERVILLE, El Dorado Co., Cal. —Strahan-Bishop & Brocks, Sacramento, at $2,646 submits low bid to supervisors to const. rein. conc. girder bridge over Dry Creek crossing on Coloma and Green Valley road. John H. May, Napa, only other bidder at $2,900. Bids rejected Henry Labiff, County Surv.

CARSON CITY, Nev.—See item under Streets and Sewers column in this issue.

OROVILLE, Butte Co., Cal.—County Road Eng. Harry H. Hume preparing plans for bridge across Dry Creek, near Newholdt road ravine, est. cost $850.

SAN DIEGO, Cal.—Water Commissioner F. M. White and Charles T. Chandler have submitted to the city council a report in which they condemn the advice of Hydraulic Engr. H. N. Savage in building a dam at Mission gorge site No. 2, stating that it would be a calamity to the city, both financially and physically. Instead they recommend the purchase of the Cuyamaca system and the construction of the Sutherland dam. This could be done by a bond issue of $2,500,000. The plans would include the completion of the Fletcher and south fork dams and the enlargement of the El Monte pumping plant. The Sutherland damsite would provide a storage of 20,000,000,000 gallons. They suggest the engagement of F. O. Weymoth, chief constr. engr. of the U. S. Reclamation Service to check up the matter and furnish a report.

MERCED, Cerced Co., Cal.—A flood control program to cope with the drainage problem which has congested traffic coming into Merced from the south, when Bear creek overflows in January and February each year, was formulated at a meeting of representatives of five organizations. The City Chamber of Commerce has combined with the railroads and the Board of Supervisors in raising a fund of $10,000 to be used in flood control work. R. C. Starr, chief eng. for the Merced Irrigation District will prepare plans.

FAIRFIELD, Solano Co., Cal.—Solano county supervisors will confer with supervisors of Yolo county regarding the construction of a new bridge over Putah creek at the site of the present Stevenson bridge.

FRESNO, Fresno Co., Cal. — County Surv. Chris. P. Jensen, Cory Bldg., preparing spec. for 4 bridges on the state highway bet. Coalinga and Parkfield Junction.

NEWPORT BEACH, Cal.—W. M. Ledbetter & Co., P. E. Bldg., Los Angeles, awarded contract by council at $3131 to construct wooden bridge on pile bents across the Rivo Alto at 36th St., including the construction of approaches. Other bids were: Mercereau Bridge & Const. Co., $3397; The Wheeler Co., $3450; Frank H. Greene, $3660; Jas. L. Frazer, $3760.

RIVERSIDE, Cal.—Bids received by supervisors for const. wood trestle bridge 323 ft. long over Coachella storm water channel on Jackson St., rejected as too high. The county road dept. was ordered to do the work. A. C. Fulmor, county supervisor. The bids were: Mercereau Bridge & Const. Co., $6425; The Wheeler Co., $6600; A. H. de Waard, $7438.

PORTLAND, Ore. — City Eng. Laugaard preparing spec. for new bridge over Sullivan's Gulch at East 33rd St., incl. the grading of E-23rd St., bet. Halsey and Broadway. The O. W. R. & N. Co. will pay 50% of bridge cost, the city the remainder; property owners will pay for grading.

SEATTLE, Wash. — City Council abandoned plans to build second reservoir in Volunteer Park when it was voted to rescind ordinances appropriating $350,000 for such purposes.

MARYSVILLE, Yuba Co., Cal.—Sacramento-Northern R. R. Co. has crew repairing trestle across Feather River to replace all old stringers and ties; est. cost, $30,000.

IRRIGATION PROJECTS

NILAND, Cal.—A plan is on foot to promote an irrigation district of 16,000 acres in the vicinity of Niland. Land owners have been notified by the government that unless they take some immediate action to secure water the land will be forfeited.

TERRA BELLA, Tulare Co., Cal. — Until Feb. 6, 11 a. m., bids will be received by Earle R. Clemens, sec. Terra Bella Irrigation Dist., for fur. f. o. b. Terra Bella 300 ft. 10-in., 300 ft. 12-in., 300 ft. 14-in., and 300 ft. 16-in. double number 14-gauge well casing and two starter sections with shoe ⅜-in. by 8-in. for each of above named sizes of casing. **See call for bids under official proposal section in this issue.**

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YAKIMA, Wash. — Construction of pipe line from Sunnyside canal to point on Snipes mountain, where it will discharge into open canal to be diverted to irrigate 1600 acres of land on the Granger project, will be started February 15. The pipe will form an inverted syphon, 13,800 ft. in length and 33 in. in dia., and will cost about $150,000. It will be of reinforced concrete, built in eight-foot sections with lock joints. Preparations are already being made by the reclamation service for this work and materials are being assembled.

TERRA BELLA, Tulare Co., Cal. — Until Feb. 6, 11 a. m., bids will be rec. by Terra Bella Irrigation District, for drilling two or more wells in Section 22, T 22 S. R. 28 E. each about 150 ft. in depth. Bids shall be for wells of 10 in., 12-in., 14-in., and 16-in. dia. **See call for bids under official proposal section in this issue.**

SAN DIEGO, Cal.—County supervisors have approved the formation of the Santa Fe Irrigation Dist. About 11,000 acres of land are included in the proposed district. The supply will come from Lake Hodges. The matter will now be referred to the state engr. for checking.

SACRAMENTO, Cal.—Application has been filed with State Reclamation Board, Thos. Mayhew, Sect'y, by F. L. Hunt of Reclamation District No. 824, for permission to const. a 10-in. suction pipe through the east levee of the Sacramento river near Freeport. Request will be considered Jan. 23.

BLYTHE, Cal.—P. B. Engh, Pacific Electric Bldg., Los Angeles, submitted low bid at $110,690 to const. 12 miles of open drainage ditches for the Palo Verde Drainage Dist. Bids taken under advisement. H. C. Neuffer, eng., Blythe; Daniel W. Murphy, consulting engr., 1216 Hollingsworth Bldg., Los Angeles. Following are the bids in detail:

P. B. Engh, Los Angeles—(a) 540,000 cu. yds. excav. at 14c yd., (b) 80 acres clearing at $55 acre; bridges (c) 1800 lin. ft. piling at $1.50 ft.; (d) 82,000 ft. B. M. lumber in place at $105 per M; (e) 600 lin. ft. piling in place at $1.50 ft.; flumes (f) 15,000 ft. B. M. lumber in place at $105 per M.; (g) 900 lin. ft. metal in place at $4.75 ft.; (h) 200 lin. ft. culverts in place at $46.50 ft.; (i) 120 cu. yds. conc. structures at $35 yd.; (j) 1500 sq. ft. paving at flumes at 40c ft.; (k) 2250 lbs. reinf. steel at 8c lb.; total, $110,690.

Chas. Thompson, Blythe—(a) 16½c, (b) $45, (c) $1, (d) $80, (e) $1, (f) $150, (g) $3 for 72-in., $3.50 for 84-in., $4.30 for 96-in., $4.75 for 108-in., (h) $7.60 for 48-in. and $5.60 for 36-in., (i) $50, (j) 15c, (k) 6c; total, $114,190.

Foley Bros. and D. A. Foley, Monrovia—(a) 15.2c, (b) $50, (c) $3.25, (d) $100, (e) $5, (f) $125, (g) $5, (h) $14, (i) $45, (j) 65c, (k) 11c, total $117,427.50

Thos. Maddock, Phoenix, Ariz.—(a) 19.4c, (b) $20, (c) $1.50, (d) $90, (e) $1, (f) $90, (g) $6.50, (h) $9.50, (i) $30, (j) 35c, (k) 7c, total, $129,822.

LIGHTING SYSTEMS

LONG BEACH, Cal.—C. W. Sparks, 433 San Fernando Bldg., Los Angeles, awarded contr. at $7872 to const. ornam. lighting system in 3rd St., bet. Pine and American Aves

BERKELEY, Alameda Co., Cal. — City Council, E. M. Hann, clerk, declares intention to install 151 electroliers, transformers, globes, lamps and tops with complete underground cable and conduits in University Ave., bet. Grove and 2nd Sts. and in San Pablo Ave., from south boundary to north city limits. Work under 1911 Act. Protests Jan. 26. C. L. Huggins, city eng.

LONG BEACH, Cal.—C. W. Sparks, 433 San Fernando Bldg., Los Angeles, awarded contract at $7872 to construct ornam .lighting system in 3rd St., bet. Pine and American Aves.

FRESNO, Fresno Co., Cal. — Fresno County Chamber of Commerce, H. E. Patterson, manager, backs movement to install eleven electroliers for Commercial Park. Standards will be of same type as those in place in the business section of Fresno.

TAFT, Kern Co., Cal.—An ornamental lighting system with 71 electroliers will be constructed on the principal streets Other improvement work coming up includes about 7000 lin. ft. curb and 4-ft. sidewalk and about a mile of street paving. E. M. Lynch, Central Bldg., Los Angeles, engineer.

MACHINERY

BERKELEY, Alameda Co., Cal.—City council proposes to purchase motor truck for street department at cost of $4,265. E. M. Hann, City Clerk.

ARCADIA, Cal.—Lacy Mfg. Co., 601 Washington Bldg., Los Angeles, awarded contr. by city trustees for 3393 ft 8-in. No. 14 rivited steel pipe at 61.4c ft., anw 1803 ft. 12-in. pipe at 88.2c ft., with various fittings. Other bids were: L. A. Mfg. Co., 63c 8-in., 89c 12-in., Western Pipe & Steel Co., 63 5c 8-in., and 91c 12-in., Baker Iron Wks., 62.9c. 8-in., and 90.3c 12-in.

LODI, San Joaquin Co., Cal.—Mayor J. W. Stattuck recommends purchase of street sweeper; est. cost from $5000 to $6000.

ALHAMBRA, Cal.—U. S. Cast Iron Pipe & Foundry Co. awarded contract by city commission for furnishing water pipe as follows: 17.590 ft. 4-in. clsas B, B & S pipe at $60 cwt., 3372 ft. 6-in. DeLauvaud pipe at $80.90 cwt., and 1440 ft. 8-in. DeLauvaud pipe at $115 cwt. The 6-in. and 8-in. pipe, as specified, was also bid on at $85.70 and $122. Other bids were: Thos. Haverty Co., $61.50 4-in., $91 6-in., and $122.50 8-in.; American Cast Iron Pipe Co., $65 4-in., $93 6-in., and $132.50 8-in. Various fittinga were additional.

LOS ANGELES, Cal.—Bids received by public service commission for well casing were: Union Tank and Pipe Co., $2.67 per ft., with started and shoes additional. Consolidated Pipe Co., $2.81 ft., starter and shoes additional. Baker Iron Works, $2808, starter and shoes additional. American Steel Pipe and Tank Co., lump sum bid of $1043.87. L. A. Mfg. Co., $4.68 ft., starter and shoes additional.

SEATTLE, Wash. — Following bids received by Board of Public Works for fur. street dept. with road roller:

Howard-Cooper Corporation, 12-ton, $6625; 10-ton, $6300.

Clyde Equipment Co., Iroquois roller, horizontal boiler, $5975; vertical boiler, $7000.

Feenaughty Machinery Co., Austin roller, delivered by water $6010; delivered by rail, $6200.

Scott & King, Galion roller, 15 to 20 days, $6475; 45 to 50 days, $6125; for Buffalo-Pitts roller, used, $4500; scarifying equipment attached, $1000 extra.

L. A. Snow Co., Kelly-Springfield roller, 16 to 25 days, $6455; for a Buffalo-Pitts, 16 to 25 days, $6455.

HANFORD, Kings Co., Cal.—Until Jan. 18, 6 P. M., (to be opened Jan. 19, 12 M.), bids will be received by Lavoy Landis, Clerk, Hardwick School District, to install hydro-pneumatic water supply system, invilv. fur. and installation of tank, 36" by 10', total capacity 525 gals., with manhole and guaranteed 100 lbs. working pressure with a pump capable of supplying approx 1,000 gals. per hour, together with cuction and discharge pipes and fittings, etc. **See call for bids under official proposal section in this issue.**

HANFORD, Kings Co., Cal.—Harry Crow Electric Co., Tulare, at $1,276.75 submits low bid to city council for fur. 2 No. 7 Single Stage Raw Sewage Pumpa, each mounted on extended c. i. base and fitted with flexible couplings for motor connection; each pump being directly connected to a 10-h. p. 720 r. p.m. 3 phase, 220 volt motor accompanied with hand compensator. Other bids were: Byron Jackson Iron Works, Visalia, $2,170; A. T. Berching, Hanford, $1,513. Bids rejected and bids ordered re-advertised to be opened Jan. 24, 8 P. M. **See call for bids under official proposal section in this issue.**

RAILROADS

SAN FRANCISCO—Board of Supervisors hae adopted resolution authorizing Board of Public Works to call for bids to construct municipal railway extension from Cole and Carl streets to Ocean Beach. M. M. O'Shaughnesey, city engineer.

WASHINGTON, D. C. — Following bids received by Bureau of Yards and Docks, Navy Department, under Spec. No. 4737, for railroad track at San Diego, Calif., Naval Base:

Item 1, entire work, complete, including spur, but not including siding Z or pipe line; 2, do omitting spur X and substituting siding Z and pipe line; 3, deduct from item 1 for omitting rock ballast and substituting in lieu thereof use of material adjacent to track and the finishing of track with top of ties flush with roadbed; 4, do deduct from item 2; 5, add to or deduct from item 1 for substituting split redwood ties; 6, add to or deduct from item 2 for substituting split redwood ties; 7, add to item 1 for installing of tie plates throughout; 8, add to item 2 for installing tie plates throughout.

B. B. Boyd, 3796 Menlo Ave., East San Diego, Calif., item 1, $24,350, 90 days; 2, $22,430; 3, $5400; 4, $4250; 7, $1637; 8, $1320.

De Ward & Cobham, 207 Granger St., San Diego, Calif., item 1, $23,890, 90 days; 2, $23,890; 3, $4000; 4, $3000; 7, $3500; 8, $2400.

Eddleman & Watson, 401 Bancroft Bldg., San Diego, Calif., item 1, $23,900, 90 days; 2, $22,234; 3, $5590; 4, $4790; 7, $1590; 8, $1250.

McPeak, Burton & Brackman, 626 Security Bldg., Los Angeles, Calif., item 1, $29,200, 90 days; 2, $27,900; 3, deduct $3500; 4, deduct $1200; 5, add $3900; 6, add $3400; 7, add $1200; 8, add $950.

David H. Ryan, 1615 Fern St., San Diego, Calif., item 1, $21,527.29, 75 days; 2, $19,762.70, 80 days; 3, deduct $5999.10; 4, deduct $5110.50; 5, add $1334; 6, add $1136; 7, add $1252; 8, add $1068.

LOMPOC, Cal.—As previously reported, bids will be considered by the Pacific Southwest Railroad Company, Lompoc, Calif., on January 17 to construct approx, 4 mi. of standard gauge railroad between Lompoc and White Hills, the line to be used by the Celite Products Company of Lompoc. Bidders are requested to submit two alternative proposals, one for completion construction and another for such work and materials as will be necessary to prepare the roadbed for track laying.

Plans and specifications for this work are on file in "Contractors' Room" Bldg. & Eng. News and may be seen by interested parties.

FIRE EQUIPMENT

CORTE MADERA, Marin Co., Cal.—Volunteer Fire Dept. urges town trustees to install fire alarm system; est. cost, $3,000, funds to be raised through bond issue or socials to be held under auspices of dept.

HERMOSA BEACH, Cal.—Bids rec. by city trustees for fire truck follow: American La France Fire Engine Co., $12,500 f. o. b. Hermosa, for engine according to company's spec.; $13,000 for engine according to city's spec. Seagrave Co., $12.250 and $13,000, the latter in accordance with spec. Pacific Fire Extinguisher Co., $12,000, with spec. differing from city's. Bids taken under advisement. No bids were received for furnishing siren with sounding radius of 5 miles.

SAN LUIS OBISPO, Cal.—City Council rejects bids for fire hydrants and authorize purchase of same in the open market; 3 of Corey type; 3 Fresno type and 3 California type.

SEWERS, STREET WORK, ROADS & WATER SYSTEMS

FRESNO, Fresno Co., Cal.—W. F. Hanrahan, Fresno, awarded contract by council to improve portions of Divisadero, Calaveras, Tuolumne Sts., etc., grading, $.056; 3½-in. asph. conc. base with 1½-in. Warrenite-Bit, $.218; conc. gutter, $.33; conc. curb, $.85; cement walks, $.28; 12-in. cult. $6.76, 18-in. $7.50; 10x5 culv. $5.50; 80x5 culv. $7.75; manholes, $25; catchbasins, $35.

Thompson Bros., G and Divisadero Sts., Fresno, awarded contract to construct 6-in. vit. clay pipe sewer in Blocks 7, 8, 9, 11, 13, 14, 15 and 16 Grand Avenue Park and Blocks 60 and 61, Kearny Blvd. Heights, at $.45 lin. ft.; manholes $49 each.

received by Board of Public Works for street and sewer improvements:

8th St. bet. Carolina and 16th Sts., includ. crossings of Hooper, Irwin and Wisconsin Sts., involv. 1077 cu. yds. cut; 208 cu. ydds. fill; 1091 lin. ft. conc. curbs; 14,778 sq. ft. art. stone walks; 338 lin. ft. 12-in. pipe sewer; 355 lin. ft. 10-in. pipe culvert; 10 br. catchbasins; 2 br. manholes; 8 12-in. wye branches.

Fay Imp. Co.	$ 8,720
C. B. Eaton	10,418
Jas. Tobin	8,380
M. J. Lynch	8,284

Coleridge St., bet. Eugenia and Lizzle, incl. crossings of Eugenia and Lizzie, involv. 320 cu. yds. cut; 355 lin. ft. conc. curb; reset 56 lin. ft. granite curb; 786 sq. ft. art. stone walks; reset 2 br. catchbasins; reconst. 63 lin. ft. 10-in. vit. pipe culvert; const. 120 lin. ft. 8-in. and 60 lin. ft. 10-in. pipe sewer; 2 br. manholes; 9 8-in. wye branches; 8709 sq. ft. asph. conc. pavement.

C. B. Eaton	$5524
Raisch Imp. Co.	5369

Plymouth Ave., bet. Ocean and Lakeview Aves., involv. 11.940 sq. ft. art. stone walks.

C. B. Eaton	$.188 sq. ft.
J. A. Ducray	.19 sq. ft.
Municipal Imp. Co.	.167 sq. ft.
M. J. Lynch	.17 sq. ft.

Silliman St., bet. Goettingen & Somerset involv. 3183 sq. ft. art. stone walks:

C. B. Eaton	$.20 sq. ft.

Hearst Ave., bet. Edna and Detroit, involv. 114 cu. yds. cut; 475 cu. yds. fill; 600 lin. ft. conc. curb; 18,000 sq. ft. asph. conc. pavement;

C. B. Eaton	$6254
Raisch Imp. Co.	6145
City Const. Co.	6020

No bids received to improve 15th St. bet. Bryant and Florida Sts., involving 7200 sq. ft. asph. conc. pavement; 200 lin. ft. 8-in. sewer; 8 8-in. wye branches; 1 br. manhole; 2 br. catchbasins; 30 lin. ft. 10-in. pipe culverts.

VENTURA, Cal.—County supervisors plan to build the ½-mi. road in North Fork Canyon to Wheeler's Springs by private contract. Chas. W. Petit, Co surveyor.

OAKLAND, Cal.—Oakland Paving Co., 5000 Broadway, Oakland, awarded cont. by council to imp. E-27th St., bet. Peralta Ave. and Lot 3, Estabrook Tract; grading, $.057; conc. curb, $.75; conc. gutter, $.23; oil macadam pave., $.115; cem. walks, $.17.

LOS ANGELES, Cal.—County surveyor's office making a survey of the proposed new 100 ft. boulevard from the west city limits to Beverly Blvd. to the ocean. The survey will be completed by February when it is expected that proceedings will be started.

LOS ANGELES, Cal.—Until 10 A. M., Jan. 22, new bids will be rec. by board of public works to imp Kent St., betw. Rosemont Ave. and Waterloo St., involv. 11,031 sq. ft. grading and oiling 568 ft. curb, 1227 sq. ft. gutter; 1911 Act.

LOS ANGELES, Cal. — The Pacific Electric Railway Co. has purchased the Olive St. school property on Olive St bet. 4th and 5th Sts., preparatory to constructing a subway from the Hill St. station to Glendale Blvd. and First St. It is stated that work will commence this spring. The subway will cost about $3,000,000.

SACRAMENTO, Cal.—Until Jan. 18, 9 P. M., bids will be rec. by H. G. Denton, City Clerk, to imp. alley bet. K, L, 6th and 7th Sts., by const. 10-in. vit. sewer with 6-in. vit. wye branches attached from manhole in 7th St. to 6th St.; ext. 6-in. vit. sewer service to property line; remov. 8-in. vit. sewer; reconst. conc. manholes and catchbasins; grading; remov. basalt block pavement and paving with 7-in. hyd. conc. Cert. check 10% payable to City req. Albert Givan, City Eng.

LOS ANGELES, Cal.—Fred Bowlus, asst. deputy engr. in charge of minor roads and trails in California, has approved the expenditure of $44,300 for construction of trails in the national forests in San Luis Obispo, Monterey, Santa Barbara, Ventura and Los Angeles counties.

VALLEJO, Solano Co., Cal.—City Eng. T. D. Kilkenny has completed report providing for a systematic system of highway running around the city. It is not expected that immediate action will be taken by the council in the matter of the improvements recommended.

SANTA BARBARA, Cal.—Supervisor Sam J. Stanwood has received appropriation of $25,000 for paving 2 mi. of roadway in the San Marcos pass. This is an unpaved portion betw. the school house and the end of the existing pavement 2 miles further on.

SANTA ANA, Cal.—B. R. Ford, 407 W. 17th St., Santa Ana, awarded contract by city council at $100,078.48 for const. new main line sewers to connect with joint outfall system. Concrete type of pipe has been selected.

RICHMOND, Contra Costa Co., Cal.—City Eng. H. D. Chapman estimates the cost of the proposed Tenth St. concrete storm sewer at $368,000, at the city limits on the north the sewer would be 15 in. in dia.; at Barrett Ave., 3 ft. 6 in. by 5 ft. 6 in.; at Santa Fe railroad 4 ft. 2 in. by 6 ft. 3 in., and from Herman Ave. to the bay, 8 ft. by 5 ft. 3 in.

CALIFORNIA — J. Wilmhurst and Theo. Manetos, 2660 Folsom St., San Francisco, at $124,599, awarded contract by state highway comm. to grade 3.3 mi. in Nevada county bet. Donner Summit and Donner Lake.

MESA, Ariz. — County supervisors will pave one mile of highway connecting the Chandler road on the west side of Mesa with the Gilbert road on the east side of the city. The road will run along the south boundary of the city.

CALIFORNIA—The State Board of Control has officially withdrawn from publication the call for bids to construct three units of the California State Highway system, these being for grading and surfacing 4.2 miles in Tuolumne county between Fordma and Coleta and the grading and surfacing of 4.5 miles in Santa Clara county five miles east of Gilroy to San Felipe and the grading of 11.8 miles in Nevada county from Nevada City to Little Deer Creek.

No information accompanies the order other than immediate withdrawal of the notices asking bids.

SANTA ANA, Cal.—Until Jan. 22, bids will be received by county supervisors for following road work:

Paving S. Bristol St., 9 ft. wide from Richland St. South 2654 ft., involving 24,000 sq. ft. 6-in. conc. pavement; bids opened at 11 a. m.

Grading and graveling Chapman Ave Kraemer Ave., Alta Vista St., Linda Vista St., Morse Ave. and Van Buren St., a total length of 4.44 mi.; bids opened at 10 a. m.

Improving certain roads in Road Imp. Dist. No. 17, involv. 212,614 sq. ft. 5-in. asph. conc. type of pavement, asph. conc. base with conc. surface, includ. gravel sub-base and shoulders; bids opened at 11 a. m.

Paving Placentia Ave., in Road Imp. Dist. No. 15, 48 ft. wide, 6-in. thick at center and 8-in. at edges, involv. 181,967 sq. ft. conc. pavement, incl. gravel sub-base and shoulders. Further information may be obtained from J. L. McBride, supt. of highways, J. M. Backs, clerk.

OAKLAND, Cal.—M. Bau, awarded cont. by council to const. cem. sidewalks, 6 ft. wide, in portions of 60th Ave., near E-12th St., at 32c sq. ft.

CARSON CITY, Nev.—State highway projects for the 1923 program and for which plans have been completed, follow:

Churchill co., betw. Westgate and Eastgate; 10.25 mi. to be graveled 10 ft. wide; No. 55.

Douglas co., betw. Holbrook and 3 mi. N of Carters, 4 mi. to be graded and 23% surfacing; No. 4.

Churchill co., betw. Grimes ranch and 1.2 mi. ext., 95 mi. 12 ft. graveling; No. 24C.

Lincoln co., betw. Pony Springs and Dutch John's, 9.56 mi., 10 ft. graveling; No. 9.

Clark co., betw. Rev. Apex and Crystal, 8.20 mi., 18 ft. graveling; No 37.

Churchill co., betw. Fallon and 5 mi. south, 4.98 mi. graveling and some structures; No. 64.

(Plans being prepared):

White Pine co., city of Ely, 2.10 mi., 18 ft. asph. surface; No. 70

Washoe co., steel bridge, 200 ft. span over Truckee at Wadsworth; No. 66.

Humboldt co., Overpass, over S. P. Ry., Winnemucca; No. 58.

Humboldt co., betw. Winnemucca and Tollhouse, 13 mi. grading; No. 72

Humboldt co., Tolhouse and Paradise hill, 13 mi. to be graded; No. 71.

Elko Co., Deeth and Wells; No. 54.

SANTA BARBARA, Cal.— Warren Constr. Co., Citizens Nat'l. Bank Bldg., Los Angeles, submits only bid to council at $49,767.65 to pave Islay St. with Warrenite paving. Engr's. est. was $40,803.71.

PASADENA, Cal.—Ducey & Breitenstein, 151 S. Hill Ave., Pasadena, awarded contr. by council at 15.9c sq. ft. to const. cem. walks on Kenyon, Dakota, Cedar, Kirkwood and Morton Aves.

PASADENA, Cal.—City Mgr. C. W. Koiner has started a movement to secure two additional roads leading into tha Arroyo Seco, at the site of the new stadium. The roads will be 100 ft. wide and lead from Linda Vista Ave., to the upper and lower ends of the stadium.

LOS BANOS, Merced Co., Cal.—City trustees contemplate paving 30 blocks of streets, including: 2nd St. from H to I; 3rd, I to K; 7th, J to M; I, 3rd to city limits; 5th, J to L; J, 7th to 8th and from 5th to city limits; K, 6th to city limits; L, 5th to city limits; M, 4th to 6th; H, 7th to 8th; 8th, H to J. Type of pavement yet to be determined.

LARKSPUR, Marin Co., Cal.—Until Jan. 17, bids will be rec. by Town Trustees to improve Ridgeway Lane.

PLACERVILLE, El Dorado Co., Cal.—Supervisors endorse plan to improve road bet. Placerville and Mosquito, a distance of ten miles. Funds to finance the work are available.

SAN FRANCISCO. — San Francisco concern is in the market for a carload of cinders suitable for an athletic race track. Communicate with Domestic Trade Bureau, Chamber of Commerce, Merchants Exchange Bldg., San Francisco.

FRESNO, Fresno Co., Cal. — City Council, R. Y. St. George, clerk, declares intention to improve Belmont Ave., bet. Fresno and First St., Grading, conc. curbs, gutters and walks; corru. metal culverts; 3½-in. asph conc. base with 1½-in. Warrenite-Bit. surface. 1911 Act. Protests Jan. 25.

Intention declared to improve under 1911 Act, Pine Ave., bet. Moroa and Lucerne and Florodora bet. Lucerno and Van Ness; grading, conc. curbs, gutters and walks; corru. metal culverts; 3½-in. asph. conc. base with 1½-in. Warrenite-Bit. surface pavement; 4-in. vit. clay pipe sewer connections. Protests Jan. 25. Wm. Stranahan, city engineer.

TULARE, Tulare Co., Cal. — J. A. Dowling awarded conract by city trustees to pave West Tulare St., and Valley Paving and Const. Co. the contract to pave Salida Place; bituulthic pavements will be laid on both contracts, which total approx $13,000.

SAN DIEGO, Cal.—Carl Carlson, 1038 Sicard St., San Diego, submitted low bid to council to improve alley in block 6, Cleveland Hts., involv. 124.6 cu. yds. earth excav. at $1.50 yd., 2 cu. yds. earth embank. at 5c yd.; 6630 sq. ft. conc. paving at 19.5c ft., two 6-in. cemhouse sewers at $20 each, one 4-in. cem. house sewer at $20 each.

Carl S Carlson, 1038 Sicard St., San Diego, submitted low bid to improve Girard Ave., involv. 775.75 ft. curb at 70c ft., 4065.15 sq. ft. walk at 25c ft., removal of existing walk return and curb return, complete at $20.

V. A. Olson, 4133 Florida St., San Diego, submitted low bid to improve alley in block 78, Park Villas, involving 152 cu. yds. earth excav at $1.35 yd., 16 cu. yds. earth embank. at 20c yd., 9000 sq. ft. 4-in. conc. paving at 21.5c ft., 80 sq. ft. conc. walk at 30c ft., culvert, $300; catch basin, $45; 6-in hous house sewer at $17.50.

G. R. Daley, 4130 Boundary St., San Diego, submitted low bid to improve Sixth St., bet. Upas and University Sts., involv. 76,030.16 sq. ft. 1½-in. asph. conc. surface on 4-in. cem. conc. base at 21.7c ft., 496 sq. ft. walk at 22c ft., 94 ft. curb at 65c ft. F. A. Rhodes, city engineer.

TURLOCK, Stanislaus Co., Cal. — A Teichert & Son, Ochsner Bldg., Sacramento, awarded contract by trustees to improve portions of Locust and West Main sts.; grading $.025; 3-in. asph. conc. base with 1½-in. Warrenite-Bit. surface pavement, $.206; comb curb and gutter, $1.64; curb, $.50; conc. gutter, $.24; 8x16 10-gauge culv. on angle irons, $2.90; 8x16 10-gauge culv. in conc. $3.46; 6x12 10-gauge culv. in conc. $2.20; conc. sub-base under gutter, $.12 Horace Hall, city engineer.

CORCORAN, Kings Co., Cal.—City trustees reject bids to lay water mains and let contract to J. C. Lewis to do the work in sections, approx. 661 ft. each, total cost $1028.

OROVILLE, Butte Co., Cal.—Senator Gates of Oroville will seek $200,000 appropriation from state legislature to construct portion of Oroville-Willows state highway.

LOS ANGELES, Cal.—The Pacific Electric Railway Co. has purchased the Olive St. school property on Olive St., betw. 4th and 5th Sts., preparatory to const. a subway from the Hill St. station to Glendale Blvd. and First St. It is stated that work will commence this spring. The subway will cost about $3,000,000.

SACRAMENTO, Cal.—J. W. Terrell, 1111 29th St., Sacramento, awarded cont. by council to imp. Stockton Blvd., from sewer in 5th Ave., to alley first north of 9th Ave., by const. vit. pipe sewer; conc. manholes and alley first north of 9th Ave., from pt. 37 ft. west of Stockton Blvd., to pt 1,739 ft. east by const. vit. pipe sewer with wyes; conc. manholes and flusher branch.

SACRAMENTO, Cal.—Senator Thos. Ingram, of Grass Valley, will seek $100,000 from state legislature to complete Yuba Pass highway from Downieville to Satterly, Sierra County.

OAKLAND, Cal.—City Council, E. K. Sturgis, Clerk, declares intention to const. cem. walks, where not already, in San Pablo Ave., bet. Mead Ave. and 30th St. 1911 Act. Protests Jan. 25. W. W. Harmon, City Eng.

SANTA BARBARA, Cal.—Bailey Willis, water-supply engineer, has submitted a report to the Monterey County Water District, regarding a water supply for this district, in which he suggests the construction of a tunnel through the Santa Ynez mountains at the head of Toro Canyon to the Santa Ynez river. A large part of the supply could be provided by seepage as the territory in Toro canyon is particularly suited to providing water by this means. A storage reservoir similar to the Gibraltar project could be built at the Juncal reservoir site, and is situated in a position to allow diversion into the Toro Tunnel. Willis recommends that the district proceed with the construction of the tunnel in accordance with plans and estimates already prepared by the district engr., Wyant.

ARCATA, Humboldt Co., Cal.—Property owners file protests with city trustees against award of contract to Mercer-Fraser Co., Eureka, at approx. $84,085 to pave 35 blocks of streets; claiming in the proceedings "errors, omissions and faults." Copies of the protests have been mailed the contractors. W. S. Farley, engineer, Monadnock Bldg., San Francisco.

OAKLAND, Cal.—City Eng. W. W. Harmon preparing spec. for widening 20th St., bet. Franklin and San Pablo by cutting 20 ft. along the south side.

LOS ANGELES, Cal.—Geo. R. Curtis, 2440 E 26th St., submitted low bid to board of public works at $93,895.79 for improving Crenshaw Blvd. bet. Washington and Adams St. and 5175 ft. on Angeles Mesa Dr., south of Adams St., involv. 262,466 sq. ft. grading to finished subgrade at 6c ft.; 103,360 sq. ft. conc. paving at 26c ft.; 107,717 sq. ft. Warrenite-bit. paving at 30.9c ft.; 1384 sq. ft. grading and oiling at 10c ft.; 2359 ft. curb at 75c ft.; 417 sq. ft. walk at 25c ft.; 6737 sq. ft. gutter at 33c ft.; two reinf. conc. pipe culverts at $1200; sanitary sewer complete at $5200; 51,389 sq. ft. bitum. macad. wearing surface at 13c ft.

Wm. Liddington, 420 E 60th St., submitted low bid to improve Denker Ave., bet. Slauson Ave. and 60th Pl., involv. 7076 sq. ft. conc. paving at 24c ft.; 30,740 ft. curb at 54c ft.; 147,395 sq. ft. walk at 19.75c ft.; 65,313 sq. ft. gutter at 27c ft.

R. A. Watson, 4907 Melrose Ave., submitted low bid at $10,300 for const. sewer in Van Ness Ave. Other bids were: Martin Brkich, $10,320; M. Simunovich, $10,745; Martin Culjak, $11,150; John Artukovich, $11,978; P. J. Akmadzich, $13,000.

M. S. Cummings, 1302 W 22nd St., submitted only bid to improve Avalon St., bet. Preston Ave. and Lemoyne Ave. involving 1224 sq. ft. grading at 27c ft.; 1224 sq. ft. conc. paving at 45c ft.; 3435 sq. ft. rough grading to grade at 27c ft.; 3435 sq. ft. finish grading, oiling and rolling at 9c ft.; 173 ft. curb at 85c ft.; 725 sq. ft. walk at 27c ft.; 295 sq. ft. gutter at 45c ft.; conc. stairway complete at $3763.71.

Griffith Co., L. A. Ry. Bldg. submitted low bid to improve alley west of Union Ave., bet. 10th and 11th Sts., involving 11,508 sq. ft. grading at 5c ft.; 11,508 sq. ft. conc. paving at 21.5c ft.

W. D. McCray, 416 American Bank Bldg., submitted low bid to improve Larga Ave., bet. Tyburn St. and Glendale Blvd., involv. 32,771 sq. ft. grading at 3.5c ft.; 32,771 sq. ft. oiling at 7c ft.; 1245 ft. curb at 70c ft.; 6108 sq. ft. walk at 22c ft.; 4922 sq. ft. gutter at 30c ft.

Wm. Liddington, 420 E 60th St. submitted low bid to improve alleys in the block west of Park View St., bet. 8th and 9th Sts., involving 7993 sq. ft. grading at 5c sq. ft.; 7993 sq. ft. conc. paving at 21.5c ft.; 23 ft. curb at 70c ft.; 3 sq. ft. walk at 20c ft.

No bids received to improve Fifth St., bet. Main St. and Broadway, involving 1127 sq. ft. 8-in. conc. gutter.

LONG BEACH, Cal. — Griffith Co. (Fairchild-Gilmore-Wilton Co.), L. A. Ry Bldg., Los Angeles, awarded contr. by council to improve Lime Ave., bet. 17th and Hill Sts., involv. grading and paving with 6-in. cem. conc. at 23.9c sq. ft., const. curb at 55c ft.

BERKELEY, Alameda Co., Cal.—City Council, E. M. Hann, clerk, declares intention to construct conc. curbs and reset granite curbs in portions of Shattuck Ave., and grading and paving portions with conc. base surfaced with asph. and screenings; const. catchbasis, storm water inlets and resetting iron culverts. 1911 Act. Protests Jan. 26. C L. Huggins, city engineer.

SAN DIEGO, Cal.—Carl S. Carlson, 1038 Sicard St., awarded contr. by council to imp. alley in block 3, Brooke's Add. and block 6, Nutt's Add., involv. 19.3 cu. yds. earth excav. at $1.50 yd., 9000 sq. ft. 4-in. conc. paving at 19c ft., 4-in house connections at $18 each.

MONROVIA, Cal.—Until 7 P. M., Jan. 22, new bids will be rec. by City Clerk Lewis P. Black for excav. and removal of dirt from Ivy Ave. Reservoir site. Plans and spec. are on file with City Engr. Cert. chk. 10%. On Jan. 2, date previously set for opening of this work, the bids were received late, necessitating being returned unopened.

SANTA BARBARA, Cal.—City Engr. Geo. B. Morrison has plans prepared to pave Carrillo St.; roadway will be 56 ft. wide with paving curbs, etc.

LOS ANGELES, Cal.—Woodworth & Woodworth, Baldwin Park, submitted low bid to supervisors at $3313 for street work in Rd. Imp. Dist. No. 213, involv. 260 cu. yds. excav., 991 ft. curb, 9154 sq. ft. walk, 2273 sq. yds. shaping and rolling roadway, removing trees and stumps. Materials required are: 229 bbls. cem., 95 tons sand, 137 tons gravel, 60 lbs. lamp black, 40 curb expansion joints, 95 walk expansion joints.

Geo. R. Curtis, 2440 E 26th St., submitted low bid at $34,448 to improve Washington Blvd., bet. Bridge west of Adams St. and Eastham Rd., involving 3505 cu. yds. excav. at $1 yd.; 22,546 sq. yds. shaping roadbed and shoulders at 18c yd.; 2374 tons asph. conc. base at $6.25 ton; 1583 tons asph. cons. top at $6.50 ton; 14,655 sq. yds. asph. flush coat wearing surface at 12c yd. Other bids were: Griffith co. (Fairchild-Gilmore-Wilton Co.), $35,879.80; Braun, Bryant & Austin, $39,850.

SAN JOSE, Santa Clara Co., Cal.—Supervisors authorize County Surv. I. J. Ryder to proceed by day labor with improvement of Campbell Ave. in Supervisor Dist. No. 4.

SAN DIEGO, Cal.—John Henry Hess, 1023 E Ave., Coronado, awarded contr. by council to imp Lincoln Ave., betw. Florida and Texas Sts., 5261.55 cu. yds. earth excav. at 68c yd., 1185.26 cu. yds. earth embank. at 20c yd., 2789.92 ft. curb at 60c ft., 12,639.08 sq. ft. walk at 22c ft., 5452 sq. ft. concr. gutter at 30c ft., catchbasins, etc., at $1265.

LYNWOOD, Cal.—Proceedings have been started to imp. about 5 or 6 miles of streets in Lynwood, betw. Los Angeles and Long Beach. Work will include curbs and 4-ft. sidewalks, some light macadam paving and some oil surfacing. Bids will be taken about April 1. E. M. Lynch, Central Bldg., Los Angeles, engr.

MARTINEZ, Contra Costa Co., Cal.—Immediate steps will be taken by city trustees to pave that section of city south of the grammar school and bordering on Castro St. B. H. Green, City engineer.

MERCED, Merced Co., Cal. — D. C. Williams, assemblyman-elect of Le Grande, will seek $670,000 for the completion of the Mariposa-El Portal Highway and $200,000 for the Madera-Yosemite road.

MERCED, Merced Co., Cal. — Until Jan. 15 2 p. m., bids will be received by P. J. Thornton, county clerk, to improve roads in Rd. Imp. Dist. No. 4. A. E. Cowell, engineer, Merced.

SALEM, Ore.—Until Jan. 19, bids will be rec. by Oregon State Highway Commission, meeting in Salem, for the following units of the state highway system:

Oregon caves road, Bear creek sec., grading, 3 mi.

Hayden Creek—Jackson county line; surfacing, 9.8 mi.

Grass Valley—Wasco county line, grade and surface, 20.2 mi.

Klamath Falls—Keno, grade and surface, 11 mi.

Tygh grade section of The Dalles-California highway, grade, 6 mi.

Eugene-Goshen, resurface, 4.8 miles.

Allen ranch—South The Dalles-California highway, grade, 8 mi.

Approach fills, Rhinehart overcrossing, .26 mi.

Tumalo section, grade and surface, 1.4 mi.

Cline Falls—Redmond, grade and surface, 5 mi.

Port Orford—Sixes river, Roosevelt highway, grade, 3.3 mi.; surface, 6.1 mi.

Dike section west of Coquille, Roosevelt highway, grade, 2.4 mi.

MODESTO, Stanislaus Co., Cal.—Until January 31, 10 a. m., bids will be received by C. C. Eastin, Jr., county clerk, to resurface I St., bet 11th and 12th Sts., and 12th St., bet H and I with 1½-in. Warrenite-Bit. pavement. Certi check 10% required with each bid. Plans obtainable from County Surv. J H Hoskins

SANTA CRUZ, Santa Cruz Co., Cal.—City Council petition to const. cem. walks in west side of River St., from McKinley St., northerly. James K. James, City Eng.

SAN FRANCISCO—City Eng. M. M. O'Shaughnessy completes spec. to improve crossing of 2½th and York Sts., est. cost $1550; involv. the resetting of 75 lin. ft. granite curbs; const. 15 lin ft. granite curbs; 30 lin. ft. 8-in. sewer; reset 3 br. catchbasins; 553 sq. ft art stone walks; 3344 sq. ft. asph. conc. pavement and 25 lin. ft. 10-in. pipe culvert.

OROVILLE, Butte Co., Cal. — Until Feb. 6, 2 p. m., bids will be received by C. F. Belding, county clerk, to improve Oroville-Chico county bond road being It. 20, Sec. B, Butte County Highway system, cert. check or cash 10% required. Harry H. Hume, county road engineer.

NEWPORT BEACH, Cal. — Paul E. Kressly, consulting engr., 732 H. W Hellman Bldg., Los Angeles, preparing spec. for street improvements in Newport Beach to cost approx. $150,000. The paving will consist of 5-in. and 8-in. cem. conc. paving similar to work being done at the present time. Other work is proposed but no proceedings have been started.

SAN DIEGO, Cal.—Griffith Co., 20 14th St., San Diego, submits low bid to council to pave Palm St., bet. 4th St. and Balboa Park, involv. 20,379 sq. ft paving with 1½-in. asph. conc. top on 2½-in. bit. base at 17c sq. ft. Other bids were: Calif. Constr. Co., 17.1c, G. R. Daley, 19c ft.

SANTA BARBARA, Cal. — Carreno-Bonilla Co., Santa Barbara, awarded contract by council to improve Curley Ave., bet. Figueroa and Anapamu Sts., at 21c sq. ft., 4-in. cem. conc. paving including grading, 70c ft. curb, 24c sq. ft. gutter, $8 per lateral side connecting sewer.

HANFORD, Kings Co., Cal. — City Eng. Ben Duffield preparing spec. to resurface streets in business district; est. cost $46,000; plans being made to pave 6th St., bet. Irwin and west city limits and Phillips St., bet. 6th and 7th streets.

WHITTIER, Cal. — Pernel Barnett, 630 E Washington St., Orange, was awarded contract by city trustees at $4.10 ft. to const. outfall sewer from engr's. sta. 105 plus 17.96 to engr's. sta. 112 plus 11.26, involv. 660 ft. 24-in. pipe.

BERKELEY, Alameda Co., Cal. — Cambar and Garden, awarded contract by council to construct 6-in. vit. sewer in portion of Avis Rd., incl. 2 manholes and 3 lampholes.

SAN DIEGO, Cal. — City council award contracts as follows:

V. A. Olson, 4135 Florida St., at $2529.90 paving alley in block 78, Park Villas.

G. R. Daley, 4130 Boundary St., at $16,860.76, paving Sixth St., bet. Upas St. and University Ave.

Carl S. Carlson, 1038 Sicard St., at $1539.85, paving the alley in block 6, Cleveland Hts.

Carl S. Carlson, at $1579.32, const. walks and curbs on Girard St.

FRESNO, Fresno Co., Cal.—Until Jan. 22, 2 P. M., bids will be rec. by D. M. Barnwell, County Clerk, for improvements in Rr. Dist. Imp. No. 3, involv. 6,900 cu. yds. earth excavation, 60,820 sq. ft. 3½-in. conc. walks, incl., grading; 12,400 lin. ft. 6x8-in.x15-in. conc. curb. Chris. P. Jensen, Cory Bldg., County Surveyor.

SAN DIEGO, Cal.—Council declares intention to grade 65th St., Klaubel Ave. and 69th St (second proceeding) involv. 2773.99 cu. yds. earth excav. 2935.98 cu. yds. earth embank., and 161,361 sq. ft. surfacing with bitum macad; Act of 1911.

Intention declared to improve C St and Imperial Ave., involv. 161,910 sq ft. paving with 1-in. conc. base, 1-in binder course and 1½-yds. asph. wearing surface; 269.9 ft. curb, two 1-in. cem sewer laterals and one 6-in. sewer lateral. 1911 Act; provides Feb. 5 F. A Rhodes, city engr.

(Continued on Page 30)

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

$1,000 and Over Reported

The following is an index for the contracts for this issue.

No.	Owner	Contractor	Amt.
56	Meyer	Owner	18000
57	Finch	Fennell	1380
58	Hollgren	Owner	7000
59	Frustuk	Owner	5500
60	Klute	Meyer	3000
61	Bertrain	Meyer	6000
62	Dorr	Owner	2000
63	Nelson	Owner	4000
64	Nelson	Owner	4000
65	Frank	Ingraham	8000
66	Macaret	Merritt	6000
67	Same	Same	1950
68	R C Archbishop	Art Iron	5866
69	Steffen	Ludwig	15800
70	Sandow	Owner	11000
71	Marnio	Percival	2500
72	Oneto	Fracchia	10000
73	Blum	Blum	6000
74	Rosenberg	Saara	3000
75	Foulkes	Nelson	3900
76	Banzhof	Brutcher	20000
77	Krosk	Aberecombie	1300
78	Gottsner	Owner	4000
79	Garin	Owner	8000
80	Gaffney	Owner	98500
81	Hartman	Shea	1200
82	St. Francis	Allen	5000
83	Simonds	Owner	2250
84	Bergstrom	Spargo	4400
85	Capurro	Farnocchia	29524
86	Giovannoni	Harder	12134
87	Frank	Ingraham	10000
88	Lacey	Carlson	14050
89	Reimer	Hoin	2500
90	Johnson	Owner	15000
91	Meier	Thorinson	9600
92	Dallartine	Strecha	1000
93	Pasqualetti	American	25000
94	Moyer	Owner	2000
95	Fuller	Roberts	4900
96	Stanford	Moore	1700
97	Levin	Zellinsky	8800
98	Same	Parker	114750
99	Same	Lawson	23300
100	Same	Knowles	25570
101	Same	Otis	8300
102	Simmons	Barrett	60000
103	Hannan	Owner	5500
104	Johnson	Owner	12000
105	Gill	Byrnes	8798
106	Slepnikoff	Owner	3500
107	Anderson	Owner	37000
108	Dunn	Owner	6000
109	Thompson	Reedy	18000
110	Lindemao	Owner	9000
111	Raich	Cox	4000
112	Same	Same	8000
113	Bergquist	Owner	3900
114	Aronson	Goodman	20000
115	Ham	Owner	111500
116	Reese	Walters	15000
117	Sikora	Owner	25000
118	Lacey	Mission	57500
119	Grimley	Binet	13750
120	Bertram	Meyer	9000
121	Klute	Meyer	4500
122	Mahan	Smith	3300
123	Anglo	Neal	7340
124	Same	Cyclops	7500
125	Bandmann	Owner	6000
126	Pervulescu	Owner	2500
127	R C Archb.	Grace	25000
128	Lawrence	Beyer	1000
129	Mallhebuau	Owner	22000
130	Higgins	Owner	6000
131	Sala	Mitchell	4000
132	Carlson	Owner	3000
133	Sala	Mitchell	16000
134	Federal	Moore	31960
135	Same	Cobbledick	35860
136	Same	Fordered	79200
137	Ferro	Filippis	16690
138	Bouzout	Stevens	17271

DWELLINGS
(56) E FORTY-FIFTH AVE. 300, 325, 350, 375, 400, 425 N Cabrillo. Six 1-story and basement frame dwlgs.
Owner—Meyer Bros., 5326 Geary St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St. San Francisco. $3000 each

ALTERATION
(57) GOUGH & HAIGHT STS. Underpin east wall of stores and dwelling with 26-in. wall to depth of 6-ft. below present wall.
Owner—H. W. Finch, 909 Franklin St., San Francisco.
Architect—None.
Contractor—Fennell and Chisholm, 180 Jessie Street, S. F. $1380

FLATS
(58) E SEVENTH AVE. 125 S Judah. Two-story and basement frame (2) flats.
Owner—John Hollgren, 825 Monadnock Bldg., San Francisco.
Architect—Plans by owner. $7000

FLATS
(59) SW TWENTIETH AVE. and Cabrillo. 2-story and basement frame (2) flats.
Owner—John Frustuk, 1286 7th Ave., San Francisco.
Architect—Plans by owner. $5500

DWELLING
(60) W THIRTY-FOURTH AVE. 175 N Geary. One-story and basement frame dwelling.
Owner—William Klute, 535 22nd Ave., San Francisco.
Architect—H. C. Bauman, 251 Kearny St., San Francisco.
Contractor—Meyer Bros., 5326 Geary St San Francisco. $3000

DWELLINGS
(61) E THIRTY-THIRD AVE 175 & 200 N Geary. Two-story and basement frame dwellings.
Owner—G. Bertram, 2831 Mission St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Meyer Bros., 5326 Geary St., S. F. $3000 each

DWELLING
(62) N. DEWEY 450 E Pacheco. One-story and basement frame dwlg.
Owner—A. D. Dorr, 758-A 7th Ave., San Francisco.
Plans by Owner $2000

DWELLING
(63) E MADRONE 184 N Ulloa. Two-story and basement frame dwlg.
Owner—Fernando Nelson & Sons., Inc., 2 West Portal Park, S. F.
Architect—None. $4000

DWELLING
(64) W MADRONE AVE 316 N Ulloa. Two-story and basement frame dwelling.
Owner—Fernando Nelson & Sons., Inc., 2 West Portal Park, S. F.
Architect—None. $4000

DWELLING
(65) SE NINETEENTH & HOWARD. Two-story and basement frame dwelling.
Owner—Leonard D. Frank and Wife, 32 Bartlett St., San Francisco.
Architect—A. J. Horstmann, 303 Anglo Bldg., San Francisco
Contractor—H. C. Ingraham. $8000

ALTERATIONS
(66) NO. 200 DIVISADERO. All work except certain alterations to 1-st floor for alterations to building.
Owner—John and Edna Macaret, 410 Duboce Ave., San Francisco.
Architect—None.
Contractor—Geo. M. Merritt Bldg. Co., 3014 Geary St., San Francisco.
Filed Jan. 5, '23. Dated Oct. 28, '22.
On execution of contract.....$1500
Plumbing roughed in 1500
Lot on 18th Ave. bet. M and N Sts value $1000 to be turned over to contractor when plaster finished
Usual 35 days..... 2000
TOTAL COST, $$6000
Bond, limit, forfeit, none. Plans and specifications filed.

(67) ALTERATIONS TO 1ST FLOOR on above.
Contractor—Geo. M Merritt Bldg., Co., 3014 Geary St., San Francisco.
Filtd Jan. 5, '23. Dated Nov. 18, '22.
On execution of contract.....$500
Completed and accepted..... 925
Usual 35 days..... 525
TOTAL COST, $1950
Bond, limit, forfeit, none. Plans and specifications filed.

ORNAM. IRON WORK
(68) N FILBERT 137-6 E Powell E 137-6 N 160, Ornamental iron work.
Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.
Architect — The Art Iron Works, 12 Geary St., S. F.
Filed Jan. 5, 1923. Dated Dec. 30, 1922.
Each month 75%
Usual 35 days 25%
TOTAL COST, $$5866
Bond, $2950; Sureties, Globe Indemnity Co.; Forfeit, none; Limit, 100 days; Plans and specifications filed.

BUILDING
(69) SW CLARION AVE AND MISsion S 23-4xW 60. All work for erection of building.
Owner—Ernest Steffen, % Architect.
Architect—David C. Coleman, 110 Sutter St., San Francisco.
Contractor — Herman T. Ludwig, 636 Jessie St., San Francisco.
Filed Jan. 5, '23 Dated Dec. 15, '22.
Foundation sin $3950
Plastering completed 3950
Completed and accepted..... 3950
Usual 35 days..... 3950
TOTAL COST, $15,800
Bond, $7000. Sureties, C. Ludwig and A. A. Handle. Limit, 90 days. Forfeit, plans and specifications, none.

DWELLING
N FULTON 92½ W 12th Ave. 2-story and basement frame dwelling.
Owner—H. Cullinane, 29 Palm Ave., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Meyer Bros., 5326 Geary St., San Francisco. $5000

DWELLING
N FULTON 92½ E 13th Ave. Two-story and basement frame dwelling.
Owner—H. W. Simpers, 29 Palm Ave., San Francisco.

Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Meyer Bros., 5326 Geary St. San Francisco. $5000

FLATS
(70) N CALIFORNIA 82-6 E Eleventh Ave. Two-story and basement frame (2) flats.
Owner—Harry L. Sandow, 709 25th Ave San Francisco.
Architect—None. $11,000

STORES
(71) NW FORTY-SIXTH AVE AND Judah. One-story frame stores.
Owner—Marina & Daniels, 539 Divisadero St., San Francisco.
Architect—Mr. Durham, — Fillmore St., San Francisco.
Contractor—W. Percival, — 46th Ave., San Francisco. $2500

FLATS
(72) W NOE 30 S Fifteenth. Two-story and basement frame (2) flats.
Owner—G. Oneto, Sutter Creek, Calif.
Architect—None.
Contractor—J. Fracchia & Rosina, 56 Cunningham Pl., S. F. $10,000

DWELLINGS
(73) NW SILLIMAN 70 and 95 NE Berlin. Two one-story and basement frame dwellings.
Owner—Joe Blum & Jacob Frank, 212 Silliman St., San Francisco.
Architect—None.
Contractor—Joe Blum, 212 Silliman St., San Francisco $3000 each

DWELLING
(74) SE BACON 95 W San Bruno. One-story and basement frame dwelling.
Owner—H. Rosenberg, 324 Girard St., San Francisco.
Architect—None.
Contractor—S. Saara, 155 Brussels Ave., San Francisco. $3000

STORE
(75) S GEARY 36 W Nineteenth Ave. One-story frame store.
Owner—W. C. Foulkes, 780 18th Ave., San Francisco.
Architect—None.
Contractor—Emil Nelson, 4837 Geary St., San Francisco $3900

DWELLING
(76) N TWENTY-FIRST 164 E Dolores Two-story and basement frame dwelling.
Owner—H. A. Banzhaf, % Architect.
Architect—Theo. W. Lenzen, 706 Humboldt Bank Bldg., S. F.
Contractor—Brutcher & Serna, 180 Jessie St., San Francisco. $20,000

DWELLING
(77) N IRVING 107 W Twenty-fourth Ave. One-story and basement frame dwelling.
Owner—Vincent Krsok, 1420 47th Ave., San Francisco.
Architect—None.
Contractor—John Aberecomble, 1353 47th Ave., San Francisco $1300

DWELLING
(78) E NEWTON 140 S Rolph. One-story and basement frame dwlg.
Owner—R. Gottsner, 123 3rd St., San Francisco.
Architect—None. $4000

STORES
(79) S HAYES 21 W Ashbury. One-story frame (2) stores
Owner—E. A. Garin, 1849 Page St., San Francisco.
Architect—None. $8000

APARTMENTS
(80) N MARKET 65 E Gough. Six-story and basement Class C stores and (40) apartments.
Owner—James B. Gaffney and Raymond A. Luce, 1031 Market St., San Francisco.
Architect—Walter C. Falch, Hearst Bldg., San Francisco. $98,500

ALTERATIONS
(81) S MARKET 100 W Seventh. Raise balcony in theatre.
Owner—Hartman & Steindorff, Rivoli Theatre, San Francisco.
Architect—None.
Contractor—T Shea, 294 Church St., San Francisco. $1200

DWELLING
(82) E SANTA PAULA 360 N San Pablo Ave. One-story and basement frame dwelling.
Owner—St. Francis Wood Co., 278 Post St., San Francisco.
Architect—Henry Gutterson, 278 Post St., San Francisco.
Contractor—Allen & Co., 168 Sutter St., San Francisco. $5000

DWELLING
(83) W TWENTY-SEVENTH AVE. 262-6 N California. One-story and basement frame dwelling.
Owner—W. S. Simonds, 251 27th Ave., San Francisco
Architect—None. $2250

WAREHOUSE
(84) NW HARRISON 325 SW 4th SW 25 x NW 85. All work except electric wiring, interior painting and plastering for 1-story class "C" warehouse.
Owner—Mrs. O. Bergstrom, 138 Hyde Street, S. F.
Architect—None.
Contractor — John Spargo, 240 Montgomery Street, S. F.
Filed Jan. 8, 1923. Dated Jan. 8, 1923.
Walls framed to ceiling.....$1100
Roof on 1100
Completed and accepted..... 1100
Usual 35 days 1100
TOTAL COST, $4400
Bonds, none; Sureties, none; Forfeit, none; Limit, 30 days; Plans and specifications, none.

BUILDING
(85) NE COLUMBUS AVE 33-7¼ NW Vallejo NW 60-6⅝ N65-1¾ W 16-3 W 16 S Green and 4th along Green 65-1 W or S to beg. All work for 2-story and basement frame bldg.
Owner—Attilio, Matilde & Jos. Capurro, 462 Columbus Ave, S. F.
Architect — Louis Mastropasqua, 58 Washington St., S. F.
Contractor—J. Farnocchia & Co., 1814 Powell St., S. F.
Filed Jan. 8, 1923. Dated Jan. 8, 1923.
Concrete foundation done....$3690.50
Roof on 3690.50
Brown coated 7381.00
Completed and accepted..... 7381.00
Usual 35 days 7381.00
TOTAL COST, $29,524
Bond, none; Sureties, none; Forfeit, none; Limit, 5 months; Plans and specifications filed.

FRAME BLDG.
(86) N CHESTNUT 79 W Van Ness Ave W 30-9xN 92-6. All work except electric fixtures, radiators and window shades for two-story frame building.
Owner—F. and Mary A. Giovannoni, — Mason St., San Francisco.
Architect—W. H. Armitage, 72 New Montgomery St., San Francisco
Contractor—John Harder, 870 39th Ave., San Francisco.
Filed Jan. 8, '23. Dated Jan. 6, '23.
Rough frame up.....$3000
Brown coated 3000
White coated 1100
Completed and accepted..... 2000
Usual 35 days..... 3034
TOTAL COST, $12,134
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

RESIDENCE
(87) SE HOWARD & NINETEENTH S 25xE 100. Two-story residence.
Owner—Leonard D. and Flora Frank, 32 Bartlett St., San Francisco.
Architect — A. J. Horstmann, Mgr., Anglo Bldg., San Francisco.
Contractor—M. C. Ingraham, 165 Fell St., San Francisco.
Filed Jan. 8, '23. Dated Jan. 8, '23.
Ready for roof.....$2500
Brown coated 2500
Completed and accepted..... 2500
Usual 35 days..... 2500
TOTAL COST, $10,000
Bond, none. Limit, 90 days. Forfeit, $20. Plans and specifications, none

APARTMENTS
(88) N FULTON 82-6 W Franklin 27-6 on Fulton x 120. All work for frame apartment building.
Owner—Louis Haas and E. V Lacey, 825 Monadnock Bldg., S. F.
Architect—None.
Contractor—O. E. Carlson, 180 Jessie St., San Francisco.
Filed Jan. 8, '23. Dated Jan. 3, '23.
Ready for roof $3500
Ready for plaster..... 3500
Completed and accepted..... 3500
Usual 35 days..... 3550
TOTAL COST, $14,050
Bond, none. Limit, 120 days Forfeit, plans and specifications,n none.

ALTERATIONS
(89) NO. 2829 BAKER. Raise store floor; lath and plastering.
Owner—H. R. Reimer, 2666 Bush St., San Francisco.
Architect—None
Contractor—Theo. S. Hoin, 6242 California St., San Francisco. $2500

FRAME FLATS
(90) SE CALIFORNIA & TWENTY-eighth Ave. Two-story and basement frame (4) flats.
Owner—J. Johnson, 798 16th Ave., San Francisco.
Architect—None. $15,000

DWELLINGS
(91) CABRILLO 90 AND 120 E Forty-eighth Ave. Two two-story and basement frame dwellings.
Owner—Martin Meier, 207 Cole St., San Francisco.
Architect—None.
Contractor—Thorinson & Stoneson Bros., 2714 California St., San Francisco $4800 each

ALTERATIONS
(92) NO. 361 LOMBARD. Alter for private garage.
Owner—A. Dallartine, Premises.
Architect—None.
Contractor—G. Strecha & Rosener, 36 Cunningham Place, S. F. $1000

GARAGE
(93) N McALLISTER 177-6 W Fillmore Two-story and basement concrete garage.
Owner—Joseph Pasquaetti, 785 Market St., San Francisco.
Architect—None.
Contractor — American Concrete Co., 785 Market St., S F. $25,000

FRAME FLATS
(94) E RHODE ISLAND — S 18th. Two-story and basement frame (2) flats.
Owner—John Moyer, 665 Rhode Island St., San Francisco.
Architect—None. $2000

ALTERATIONS
(95) NO. 504 STEINER. Alter two flats into (4) apartments.
Owner—E. W. Fuller, Premises.
Architect—J. C. Hladik, Monadnock Bldg., San Francisco.
Contractor—Roberts & Son, 338 Scott St., San Francisco $4900

BRICK WORK, ETC
(96) E WEBSTER bet. Clay and Sacramento. All work for soot blowers, re-setting boiler, brick work for Stanford University Hospital.
Owner—The Board of Trustees of The Leland Stanford JuniorUniversity, Balfour Bldg., San Francisco.
Architect—Hunter & Hudson, Rialto Bldg., San Francisco.
Contractor—Charles C. Moore & Co., Sheldon Bldg., San Francisco.
Filed Jan. 9, '23. Dated Dec. 26, '22.
On presentation of shipping papers 50%
Completed and accepted..... 25%
Usual 35 days..... 25%
TOTAL COST, $1700
Bond, $850 Surety, Fidelity & Deposit Co. of Maryland. Limit, 60 days. Forfeit, none. Plans and specifications filed.

PAINTING
(97) NW JACKSON AND LAGUNA W 55xN 127-8¼ W A 240. All work for painting eight-story and basement Class B reinforced concrete building.
Owner—Jos. E., Elsie K., S. and Ray Levin.
Architect—C. A. Meussdorffer, Humboldt Bank Bldg., San Francisco.
Contractor—D. Zelinsky & Sons, 422 Turk St., San Francisco.
Filed Jan 9, '23. Dated Jan. 5, '23.
On 2nd of each month..... 75%
Usual 55 days..... 25%
TOTAL COST, $8800
Bond, none. Limit, without delay. Forfeit, none Plans and specifications filed.

(98) EXCAVATION, CONCRETE, CARPENTER, mill, masonry, hardwood flooring, sheet metal, roofing, ornamental iron and dampproofing on above.
Contractor—K. E. Parker, Clunie Bldg., San Francisco.
Filed Jan. 9, '23. Dated Jan. 5, '23
Payments same as above.....
TOTAL COST, $114,750
Bond, $57,375. Sureties, Jos. E. Levin and Elsie K Levin. Limit, 200 days after Jan. 10, 1923. Forfeit, none. Plans and specifications filed.

(99) PLUMBING, GAS FITTING, OIL burner and heating on above.
Contractor—Lawson & Drucker, 450 Hayes St., San Francisco
Filed Jan 9, '23. Dated Jan. 5, '23.
Roughed in $8737
Completed and accepted..... 8737
Usual 35 days..... 5825
TOTAL COST, $23,300
Bond, $11,650 Sureties, G. F. Bernard and R. J. O'Brien. Limit, as fast as possible. Forfeit, none. Plans and specifications filed.

(100) LATHING AND PLASTERING on above
Contractor—A. Knowles, Call Bldg., San Francisco
Filed Jan 9, '23. Dated Jan. 5, '23.
Brown coated $7000.00
All work except patching done 11,000.00
Completed and accepted.... 1177.50
Usual 35 days..... 6392.50
TOTAL COST, $25,570.00
Bond, $12,785 Sureties, Wm. F. Cody and Max W. Wintner Limit, without delay Forfeit none. Plans and specifications filed

(101) ONE ELECTRIC PASSENGER and one electric freight elevator on above
Contractor—Otis Elevator Co., Beach and Stockton Sts., San Francisco.
Filed Jan 9, '23. Dated Jan. 6, '23.
30 days after signing..... 20%
On shipment of machinery.... 50%
Machine installed 20%
When in running order..... 10%
TOTAL COST, $8300
Bond, none Limit, as required. Forfeit, none. Plans and specifications filed.

OFFICES
(102) SE BAY & POWELL STREETS. Two-story frame offices 97-6x142.
Owner—Simmons Co., 198 Bay St., S. F.
Architect — Edward T. Foulkes, 1106 Crocker Bldg., San Francisco.
Contractor—Barrett and Hilp, 918 Harrison St., San Francisco. $60,000

BUTCHER SHOP
(103) SW BRYANT & HARRIETT STS Two-story frame flat & butcher shop.
Owner—John Hannan Bros., 839 Bryant Street, City.
Architect—None. $5500

RESIDENCE
(104) S CERRITOS AVE. 140 W Ocean Avenue. Two-story and basement frame residence.
Owner—Edward A. Johnson, 2445 26th Ave., San Francisco.
Architect—T. E. Peyser (designer) 2447 26th Ave., San Francisco. $12,000

FLATS
(105) E DOLORES 64 S DUNCAN. Two story and basement frame (2) flats.
Owner—Mrs. M. Gill, 1623 Dolores St., San Francisco.
Architect—None.
Contractor—Wm. Byrnes 1623 Dolores St., S. F. $8798

FLATS
(106) W DeHARO 300 N 22nd. Two-story and basement frame (2) flats.
Owner—Fred Slepnikoff, 942 De Haro St., San Francisco.
Architect—None. $3500

APARTMENTS
(107) SW LAKE & TWENTY-THIRD Avenue. Three-story and basement frame (12) apartments.
Owner—O. E. Anderson, 15th Ave., S. F.
Architect — Andrew H. Knoll, 1023 Hearst Bldg., S. F. $37,000

STORE
(108) N SACRAMENTO 68-9 E Grant Ave. One-story and basement concrete store.
Owner—Chas. Dunn Clinch Co.
Architect—H. C. Baumann and Edw. Jose, 251 Kearny St., S. F. $6000

DWELLINGS
(109) S SANTA YNEZ 220, 245, 270, 295, 320 and 345 E Otsego. Six 1-story and basement frame dwlgs.
Owner—H. S. Thomson, 677 12th Ave., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Wm. M. Reedy, 267 Ellsworth St., S. F. $3000 each

DWELLINGS
(110) W TWENTY-THIRD AVE. 75 & 100, S Cabrillo. Two 1-story and basement frame dwellings.
Owner—H. O. Lindeman, 619 27th Ave., San Francisco.
Designer—W. R. Lindeman, 530 Balboa St., S. F. $4500 each

DWELLING
(111) NE FIFTH AVE & KIRKHAM. One-story and basement frame dwelling.
Owner—A. J. Raisch, 46 Kearny St., San Francisco.
Architect—None.
Contractor—Cox Bros., 1309 9th Ave., San Francisco. $4000

DWELLINGS
(112) S KIRKHAM 95 and 120 W Fifth Ave. Two one-story and basement frame dwelling.
Owner—A. J. Raisch, 46 Kearny St., San Francisco.
Architect—None.
Contractor—Cox Bros., 1309 9th Ave., San Francisco. $4000 each

DWELLINGS
(113) NW MADRID 225 and 250 SW France. Two one-story and basement frame dwellings.
Owner—O. T. Bergquist, 1046 14th St., San Francisco.
Architect—None. $1950 each

OFFICES
(114) N MISSION 407 W FIRST. One-story concrete offices.
Owner—A. Aronson and M. Rothschild, Merchants' Exchange Bldg., S. F.
Architect — Mel. I. Schwartz, Nevada Bank Bldg., San Francisco.
Contractor — Geo. Goodman Artificial Stone Co., 35 Montgomery St., San Francisco. $20,000

APARTMENTS
(115) NE SUTTER AND LEAVENworth. Six-story and basement brick and steel (33) apartments.
Owner—L. B. Ham, 125 Montgomery St., San Francisco.
Architect—None. Cost, $111,500

ICE CREAM PLANT
(116) SW TENTH AND MISSION. One-story brick ice cream plant.
Owner—E. L. Reese, (Fairy Ice Cream Co.), 741 Fulton St., S. F.
Plans by Contractor.
Contractor—Walters & Grove, 921 Monadnock Bldg., S. F. $15,000

APARTMENTS
(117) NW VALENCIA AND EIGHTeenth. Three-story and basement frame (6) apartments.
Owner—Paul F. and Helen V. Sikora, 310 California St., San Francisco.
Architect—T. Paterson Ross, 310 California St., S. F. $25,000

APARTMENT BLDG.
(118) E STOCKTON 90-6 S Pine 47-137-6. Grading, trenching, back filling, bulkheading, concrete work, carpenter work, etc. for reinforced steel and concrete apartment bldg.
Owner—E. V. Lacey, 180 Jessie St., S. F.
Architect—None.
Contractor—Mission Concrete Co., Call Bldg., San Francisco.
Filed Jan. 10, 1923. Dated Jan. 2, 1923.
Retaining wall and footings poured $10,781.25
2nd floor joist set and concrete poured 10,781.25
6th floor joist set and concrete poured 10,781.25
Completed and accepted.... 10,781.25
Usual 35 days 14,375.00
TOTAL COST, $57,500
Bond, none; Sureties, none; Forfeit, $150; Limit, 100 days after Jan. 5, 1923; Plans and specifications, none.

SHOP BLDG.
(119) W SHIPLEY 350 NE 6th 50x155. Conc. forms, grading, lumber, concrete bars, plumbing for shop bldg.
Owner—Frank Grimley, 260 Claremont Blvd., San Francisco.
Architect—None.
Contractor—John J. Binet, 275 Claremont Blvd., San Francisco.
Filed Jan. 10, 1923. Dated Jan. 9, 1923.
Forms for reinforcing set.... $3437.50
Concrete set in forms..... 3437.50
Completed and accepted.... 3437.50
Usual 35 days 3437.50
TOTAL COST, $13,750
Bonds, none; Sureties, none; Forfeit, none; Limit, as soon as possible; Plans and Specifications filed.

COTTAGES
(120) E THIRTY-THIRD AVE 175 N Geary. All work for two 6-room cottages.
Owner—George Bertram, 2831 Mission St., San Francisco.
Architect—None.
Contractor—Meyer Bros., 5326 Geary St., San Francisco.
Filed Jan. 10, '23. Dated Dec. 28, '23.

Frame up $2250
Brown coated 2250
Completed 2250
Usual 35 days..... 2250
TOTAL COST, $9000
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

COTTAGE
(121) W THIRTY-FOURTH AVE 175 S Geary. All work for six-room cottage.
Owner—Wm. Klute, 535 22nd Ave., S. F.
Architect—None.
Contractor—Meyer Bros., 5326 Geary St., San Francisco.
Filed Jan. 10, '23. Dated Dec. 23, '22.
Frame up $1125
Brown coated 1125
Completed and accepted..... 1125
Usual 35 days..... 1125
TOTAL COST, $4500
Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

DWELLING
(122) SE MOSCOW 175 SW Persia Ave SW 25xSE 100. All work for five-room dwelling.
Owner—Alma M. Mahan, 105 14th Ave., San Francisco.
Plans by Contractor.
Contractor—Martin Smith, 114 Girard St., San Francisco.
Filed Jan. 10, '23. Dated Dec. 31, '22.
Rough frame up.....$825
Brown coated 825
Completed and accepted..... 825
Usual 35 days..... 825
TOTAL COST, $3300
Bond, none. Limit, 120 days. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(123) W SANSOME 46-10⅞ m or 1 N Sutter N 91-6xW 122-6. Paint-for alterations and additions to bank building.
Owner—Anglo & London Paris Na'l. Bank.
Architect—Geo. W. Kelham, Sharon Bldg., San Francisco.
Contractor—The Neal Co., 538 Hayes St.,San Francisco.
Filed Jan. 10, '23. Dated Dec. 30, '22.
On 10th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $7340
Bond, $3670. Sureties, Union Indemnity Co. Limit, forfeit, none. Plans and specifications filed.

(124) CHILLED DRINKING WATER refrigerating apparatus on above.
Contractor—Cyclops Iron Works, 837 Folsom St., San Francisco.
Filed Jan. 10, '23. Dated Dec. 28, '22.
Payments same as above.....
TOTAL COST, $7500
Bond, $3750. Surety, Indemnity Ins. Co. Limit, March 1, 1923. Forfeit. none. Plans and specifications filed.

FRAME FLATS
((125) NE CHESTNUT AND VAN Ness Ave. Two-story and basement frame (2) flats.
Owner—Charles J. Bandmann, 821 Balboa Bldg., San Francisco.
Architect—Erle J. Osborne, 821 Balboa Bldg., S. F. $6000

DWELLING
(126) S MAYNARD 275 W Gongdon. One-story and basement frame dwelling.
Owner—George Pervulesou, 63 Sutter St., San Francisco.
Architect—None. $2500

MARBLE WORK, ETC.
(127) MISION bet. Third and Fourth. Fireproof steel columns and beams with concrete; plaster walls and ceilings; marble wainscot for walls; interior carpentry work for church.
Owner — Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.
Architect—Gorhman Co., 5th Ave., New York.
Contractor — Grace & Bernieri 710 Claus Spreckels Bldg., San Francisco. $25,000

ADDITION
(128) NO. 4330 NINETEENTH. Add bath and kitchen to (2) flats.
Owner—J. H. Lawrence, Premises.
Architect—None.
Contractor—Louis Beyer, 1184 Turk St., San Francisco. $1000

ALTERATIONS
(129) NO. 441-443 PINE. General alterations and interior changes for restaurant.
Owner—C. Mailhehuau, 425 Kearny St., San Francisco.
Architect—W. H. Crim Jr., 425 Kearny St., San Francisco. $22,000

LUMBER SHED
(130) NO. 409 SIXTH. One-story frame lumber shed.
Owner—J. E. Higgins Lumber Co., 429 6th St., San Francisco.
Architect—None. $6000

DWELLING
(131) S TWENTY-SIXTH 100 E Bryant. Two-story and basement frame dwelling.
Owner—Sala & Sala, 16th and Valencia St., San Francisco.
Architect—Thos. F. Mitchell & Son.
Contractor—Thos. F. Mitchell & Son, 1370 Utah St., S. F. $4000

DWELLING
(132) W WINDFIELD AVE. bet. Eugenia and Virginia. One-story and basement frame dwelling.
Owner—G. H. Carlson, 139 Clement St., San Francisco.
Architect—None. $3000

DWELLINGS
(133) E YORK 86-3, 111-3, 136-3 and 161-3 N Army. Four one-story and basement frame dwellings.
Owner—A. G. Sala, 16th and Valencia Sts., San Francisco.
Architect—None.
Contractor—Thos. F. Mitchell & Son, 1370 Utah St., S. F. $4000 each

OIL BURNERS, ETC.
(134) NW BATTERY AND SACRAMENTO W 276xN 119-6. Boilers, fuel oil burners, fuel oil pumps, heaters for seven-story Class A bank building.
Owner—Federal Reserve Bank of San Francisco.
Architect—Geo. W. Kelham, Sharon Bldg., San Francisco.
Engineers—Hunter & Hudson, Rialto Bldg., San Francisco.
Contractor—Chas. C. Moore & Co., Sheldon Bldg., San Francisco.
Filed Jan. 11, '23. Dated Dec. 28, '22.
50% of contract value of apparatus upon shipment of same from factory .....
25% of contract value when same delivered at building.....
15% on completion & acceptance
10% 35 days after.....
Monthly payments on 10th of each month for work of installation of 90%
Usual 35 days..... 10%
TOTAL COST, $31,960
Bond, $15,980. Surety, United States Fidelity & Guaranty Co. Limit, forfeit, none. Plans and specifications filed.

(135) GLAZING, EXCEPT SKYLIGHT glass and 1st story counter screens on above.
Contractor — Cobbledick-Kibbe Glass Co., 668 Howard St., San Francisco.
Filed Jan. 11, '23. Dated Dec. 30, '22.
On 10th of each month..... 75%
Usual 35 days..... 26%
TOTAL COST, $35,860
Bond, $——. Surety, Globe Indemnity Co. Limit, 135 days. Forfeit, none. Plans and specifications filed.

(136) HOLLOW METAL TRIM ON above.
Contractor—Forderer Cornice Works, 269 Potrero Ave., San Francisco.
Filed Jan. 11, '23: Dated Dec. 28, '22.
On 10th of each month..... 85%
Usual 35 days..... 15%
TOTAL COST, $79,200
Bond, $39,600. Surety, United States Fidelity & Guaranty Co. Limit, 105 days. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(137) SW TWENTY-THIRD AND York W 100xS 104. All work for alterations and additions to two-story frame, brick and steel bldg.
Owner — Giuseppe and Carlo Ferro, 2823 23rd St., San Francisco.
Architect—Chas. Fantoni, 550 Montgomery St., San Francisco.
Contractor — Vincenzo Filippis, 1527 Powell St., San Francisco.
Filed Jan. 11, '23. Dated Jan. 5, '23.
Demolition done, grading done, foundation done, structural steel set and 2nd story joists set.....$3129.00
set and 2nd story joists set.....$3129
Enclosed, oven chimney built and building roofed..... 3129.00
Rough plumbing in, wiring roughed in and brown coated 3129.00
Completed and accepted..... 3130.50
Usual 35 days..... 4172.50
TOTAL COST, $16,690.00
Bond, $8345. Surety, Republic Casualty Co. Limit, 90 days. Forfeit, $5. Plans and specifications filed.

FLATS, ETC.
(138) NE HYDE AND DELGADO PL. N 25xE 62-6. All work for three-story and basement frame (2) flats and store.
Owner—J. P. Bouxout.
Architect—Albert J. Fabre, 110 Sutter St., San Francisco.
Contractor—W. J. Stevens, 180 Jessie St., San Francisco.
Filed Jan. 11, '23. Dated Dec. 25, '22.
Roof on $4317
Rough coat plaster on..... 4317
Completed and accepted..... 4317
Usual 35 days..... 4320
TOTAL COST, $17,271
Bond, $8636. Sureties, Chas. H. Hock and S. B. Sibley. Limit, 90 days. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted
Jan. 5, 1923—W THIRTY-THIRD Ave 225 S Lincoln Way S 25xW 120. David Leigh to whom it may concern.....Jan. 4, 1923
Jan. 5, 1923—W THIRTY-THIRD Ave 200 S Lincoln Way S 25xW 120. David Leigh to whom it may concern.....Jan. 4, 1923
Jan. 5, 1923—LOT 17 BLK 13, St. Francis Wood. Homes Loan Corp to Mattock & Feasey, Neal Co, Jno L Patton and W M Derbyshire (as Ace Sheet Metal Works) and H S Tittle.....Jan. 4, 1923
Jan. 5, 1923—S HAIGHT 84-7¼ E Shrader E 25xS 100. Leon F Leva to Bradshaw & McKenna.....
.....Dec. 27, 1922
Jan. 5, 1923—SE NINETEENTH AVE and Balboa 95 on Balboa and 25 on 19th Ave. Frank P Monahan to J B McSheehy.....Dec. 29, 1922

Jan. 5, 1923—N FRANCISCO 100 W Franklin W 25xN 137-6. A Carreti and V Arneanini to G Chiappe and L Coppellotti.....Jan. 2, 1923

Jan. 5, 1923—E TWENTY-THIRD Ave 75 N Fulton 25x82-6. Bryan Feerick to whom it may concern.. .....Jan. 5, 1923

Jan. 3, 1923—W NINETEENTH AVE 150 and 175 N Fulon N 25xW 120. John F Mullane to O K Holt..... .....Jan. 4, 1923

Jan 5, 1923—E ELEVENTH AVE 202 and 177 N Cabrillo N 25xE 120. Wm W Magill to whom it may concern.....Jan. 2, 1923

Jan. 3, 1923—E TWENTY-FOURTH Ave 135 N Fulton N 25xE 120. Nicholas Hemminga to whom it may concern.....Jan. 5, 1923

Jan. 5, 1923—W NINTH AVE 275 S Geary S 25x120. H O Lindeman to W Lindeman.....Jan. 5, 1923

Jan. 5, 1923—LOT 21 and Ptn Lot 20 Blk 14, Forest Hill. Carl E and Estelle V Kratz to J Prout..... .....Jan. 3, 1923

Jan. 5, 1923—NE MISSION AND Eugenia Ave N 100xE 58-6 Ptn Blk 2, Cobb Tract. C M Cohn to G P W Jensen.....Aug. 22, 1922

Jan. 6, 1923—N FULTON 102-6 E 15th Ave E 25xN 100. John Little to whom it may concern...Jan. 5, 1923

Jan. 6, 1923—N UNION 25 fram Taylor 25x137-6. E Pochini to C Taggioni and E Raggio....Dec. 30, 1922

Jan. 6, 1923—N GEARY 84-1 E 26th Ave. E 25x100. Thos Hamill to whom it may concern....Jan. 6, 1923

Jan. 6, 1923—W FAXON AVE 325 S De Montford Ave S 25xW 112-6 William H Depew to whom it may concern.....Dec. 29, 1922

Jan. 8, 1923—W FORTY-FIFTH AVE 181 N Anza N 50 W 120 S 50 W 50. John Bjorkman to whom it may concern.....Jan. 6, 1923

Jan. 8, 1923—E CASTRO 50-2½ and 25 N Alvarado and N Alvarado 75 E Castro. F G Pfeifer to whom it may concern.....Jan. 8, 1923

Jan. 8, 1923—NE PALOU AVE 32-6 and 33-6 SE Lane. Thos R Smith to whom it may concern. Jan. 2, 1923

Jan. 8, 1923—W SIXTEEENTH AVE 200 S Judah. O M Detoy to Cox Bros.....Jan. 4, 1923

Jan. 8, 1923—S CABRILLO 82-6 E Twenty-third Ave E 25xS 100 Lot 65, Lyon & Hoag Sub Lincoln Manor. Alton R Lapham to whom it may concern.....Jan. 8, 1923

Jan. 8, 1923—W THIRTY-THIRD AV 125 N Fulton N 32xW 120. Johnson & Dowling to whom it may concern.....Jan. 8, 1923

Jan. 8, 1923—N FOLSOM 145 from Second 130x135. Collins Hencke Candy Co to Adam Arras Co..... .....Jan. 4, 1923

Jan. 8, 1923—W THIRTY-SECOND Ave 150 N Taraval N 25xW 120. Marie Petersen to whom it may concern.....Jan. 8, 1923

Jan. 8, 1923—SW FOLSOM AND Fourteenth W alg S Fourteenth 175x110 E T Meakin to John Biller.....Jan. 6, 1923

Jan. 9, 1923—SE EIGHTEENTH AND Irving S 100x31-1¼. Stanley E Sherwood to Arthur H Klahn..... .....Jan. 9, 1923

Jan. 9, 1923—W BRODERICK 100 S Ellis. David F and Adele E Kinney to Andrew Olson and Edwin S Persson.....Dec. 26, 1923

Jan. 9, 1923—W THIRTY-NINTH Ave 125 S Anza S 25xW 120. M J Durand to L M Carusio..Jan. 9, 1923

Jan. 9, 1923—E THIRTY-NINTH AV 120 S Anza S 25xW 120 M J Durand to L M Carusio..Jan. 9, 1923

Jan. 10, 1923..N SACRAMENTO 190 E Arguello Blvd E 25xN 127-8¼. Emma C M Gartland to E C Stroth .....Jan. 8, 1923

Jan. 10, 1923—LOTS 5 AND 6 BLK 3727; Lot 10 Blk 3173, Westwood Park. Hans and Esther E Nelson to whom it may concern..Jan. 8, 1923

Jan. 10, 1923—NE CALIFORNIA AND Twenty-fifth Ave N 25xE 95. Minnie A Hoin to whom it may concern.....Jan. 10, 1923

Jan. 10, 1923—E BELVEDERE 268-1⅝ N 17th N 28xE 124-7¼. Marie Hansohn to H C Christiansen.... .....Jan. 8, 1923

Jan. 10, 1923—S FULTON 187-6 W Divisadero W 87-6xS 137-6. Louis Wood and Dave Sinay to Trobock & Cress.....Jan. 5, 1923

Jan. 10, 1923—W ALABAMA 250 S 26th 25x100. Kustofer H Jorgensen to whom it may concern.... .....Jan. 10, 1923

Jan. 10, 1923—COMG. 35 E Georgia with N line roadway extending E from 22nd which intersection is marked by a Gate House and extending th 120 NxE 125. Pacific Gas & Electric Co to Steel Tank & Pipe Co of Calif.....Jan. 9, 1923

Jan. 10, 1923—E FIFTH AVE 125 S Parnassus Ave S 25xE 120. Augusta A Asplund to Nels P Johnson .....Jan. 4, 1923

Jan. 10, 1923—E TWENTY-FOURTH Ave 150 N Fulton N 25xE 120. Nicholas Hemminga to whom it may concern.....Jan. 10, 1923

Jan. 10, 1923—W ELEVENTH AVE 150 — Kirkham. Fred Warden to whom it may concern..Jan. 10, 1923

Jan. 10, 1923—E GIRARD 175 S Dwight S 25xE 120; NE Joost Ave and Genessee N 50xE 100. Jos S Fratessa to whom it may concern .....Jan. 8, 1923

Jan. 11, 1923—NO. 2641 HOWARD. Josephine MacMillen to whom it may concern.....Jan. 3, 1923

Jan. 11, 1923—N GEARY 30-11 W 25th Ave W 25xN 100. Mary A and Michael D Hardiman to whom it may concern.....Jan. 11, 1923

Jan. 11, 1923—E FORTIETH AVE 150 N Fulton N 25xE 120. Herman Caba to David Leigh..Jan. 11, 1923

Jan. 11, 1923—W FRANKLIN 75 N Chestnut W 100xN 25. John P and Rita Herlihy to John Harder..... .....Jan, 11, 1923

Jan. 11, 1923—E 22-6 LOT 5 and W 15 ft. Lot 6 Blk 2977; E 15 ft. Lot 6 and W 22-6 Lot 7 Blk 2977, Merritt Terrace. James A Arnott to Jas Arnott & Son.....Jan. 10, 1923

Jan. 11, 1923—N MISSION & LAWrence Ave NW 102-9 Lot 1 Blk "A' Subdvn Blk 19, West End Map 2. Joseph D Heagerty to Jas C Derner .....Jan. 3, 1923

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Amount

Jan 5, 1923—W TWENTY-FIFTH Ave 225 N Cabrillo N 25xW 120. J H Kruse vs Ferdinand and Bertha Van Heekeren and Knabenshuh & Morrison $857.28

Jan. 5, 1923—W TWENTY-FIFTH Ave 200 N Cabrillo N 25xW 120. J H Kruse vs Jas O Maxon and Knabenshuh & Morrison.....$495.83

Jan. 5, 1923—LOT 57 SEA CLIFF No. 66 Twenty-seventh Ave. Leon Blum Co vs Margaret C Rosenblatt and H J Hansen.....$326

Jan. 5, 1923—S DAY 180 E Church E 25xS 114. John Moroncelli vs Armondo Berti and A R Ingalls..$150

Jan. 6, 1923—W LONDON 208 S Italy S 25x100. Joost Bros, Inc vs H Selson $89.84

Jan. 6, 1923—NO. 540 O'FARRELL ST. N O'Farrell 137-6 W Jones N 137-6 xW 52. Caldow Paint Co vs Wm Schaeffer $572.96

Jan. 8, 1923—S DAY 180 E Church E 25xS 114. Jos Porsch vs Armando Berti and A R Inglis.....$165

Jan. 9, 1923—S LAKE 77-6 E 16th Ave S 100xE 25. S Hanna vs Agnes M Jackson and Jos C Jones $36

Jan. 19, 1923—E FORTY-FOURTH Ave 130 N Balboa N 30xE 80. Holmes Planing Mill Co, $521.15; Acme Lumber Co, $116.17 vs C Fosselius and Jas B McAndrews...

Jan. 10, 1923—NW TARAVAL AND Thirty-sixth Ave W 25xN 100. Electric Equipment & Installation Co vs G W Rawls and M H Maher $57.50

Jan. 11, 1923—S DAY 180 E Church E 25xS 114. Leonard Lumber Co vs Armando and Marianna Berti and A R Inglis.....$946.60

Jan. 11, 1923—S DAY 180 E Church E 25xS 114. Harry W Jensen vs Armando and Marianna Bertl.$184.70

Jan. 11, 1923—SE SUTTER AND Taylor E 46-10xS 81.8. S S Herrick Co vs J S Morgan & Sons.....$6157

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded Amount

Jan. 6, 1923—NW MISSION 75 SW Fourth SW 75xNW 160. John Cassaretto to Mary A Gleason.....$328

Jan. 6, 1923—NE MISSION 75 SW Fourth SW 75xNW 160. Michel & Pfeffer Iron Works to A Gleason, Chas R Gleason. Lubricating Oasoline Co and Lubri-Gas Oil Co.....

Jan. 8, 1923—LOT 7 BLK 2984 Claremont Court. L A Hufschmidt to Harvey S Neal.....

Jan 9, 1923—S LENARES AVE 75 E Ventura Ave, Forest Hill Court Lot 50 ft. front rear 112 and 106. Blair & Sons to A L Wise.....

Jan. 11, 1923—W FOURTH AVE 175 N Cabrillo N 25xW 120. Leonard Lumber Co to Richard T and M Curtin and R E Moore.....$56.90

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

Jan. 5, 1923—W A BLK 305 bded by Fillmore, Eddy, Webster and Turk Sts. Realty & Rebuilding Co as to improvements on property.....

Jan. 2, 1923—E BDY LINE Great Highway dist 80 S Cabrillo S 420 m or 1 E parl with Cabrillo 176 m or 1 to W La Playa N alg W La Playa 420 m or 1 W 194 m or 1 to beg; All Blk 1595 bounded on N by Balboa, E by La Playa, S by Cobrillo and W by Great Highway (excepting therefrom ppty now owned by The Olympic Salt Water Co. which ppty faces 100 on Great Highway by 102 and also excepting therefrom ppty now occupied by United Railroad Co which ppty faces 400 on La Playa x 60, Chutes at the Beach, Inc. as to improvements on property.....

Jan. 8, 1923—SE POWELL & ELLIS Flood Realty Co as to improvements on property.....

Jan. 8, 1923—SW LAUREL AND Jackson W 35xS 93. A G Sala as to improvements on property.....

Jan. 9, 1923—NW MISSION 75 SW Fourth SW 75xNW 160. Mary A Gleason as to improvements on property .....

BUILDING CONTRACTS

ALAMEDA COUNTY

$1,000 and Over Reported

The following is an Index for the contracts for this issue:

No.	Owner	Contractor	Amt.
61	Myers	Owner	6500
62	Williams	Dolan	4750
63	Stubbes	MacGregor	5600
64	McElhinney	Noble	4500
65	Peterson	Sircy	4360
66	Noble	Owner	4000
67	Meads	Sommarstrom	5000
68	Ruddock	Westlund	3600
69	McNell	Sullivan	1000

70	Brown	Owner	3500
71	Brown	Owner	3000
72	Esdeir	Graham	2500
73	Warner	Owner	2000
74	Bouchet	Power	7000
75	Firestine	Johnson	14862
76	Palmer	Bird	2224
77	Kramer	Owner	1500
78	Adams	Raines	2800
79	Green	Green	2000
80	California	Christensen	62250
81	Chambers	Owner	5000
82	Van Loo	Starbuck	5200
83	Davis	Burke	5000
84	Anderson	Owner	5000
85	Dupuich	Monroe	5200
86	Huzel	Bishop	12000
87	Marquis	Owner	3250
88	MacMurtz	Owner	3900
89	Westwood	Owner	2500
90	Lloyd	Owner	12000
91	Menichetta	Benassini	3000
92	Hawk	Hawk	1200
93	Rieshold	Weislander	1500
94	MacGregor	Owner	3250
95	Same	Same	3250
96	Same	Same	7900
97	Skoomand	Owner	3150
98	Azbill	Joseph	3500
99	Legault	Owner	3000
100	Wilson	Graves	3750
101	Same	Same	4000
102	Poe	Murray	7000
103	Wolff	Petersen	5500
104	McCord	Owner	2800
105	Yost	Owner	1500
106	Kist	Anderson	3000
107	Walstrom	Owner	3500
108	Carstens	Owner	3000
109	Cook	A Ibers	3000
110	Hofoe	Owner	3000
111	Lovagnino	Charleston	4809
112	Deuble	Johanson	5000
113	Benson	Benson	3500
114	Pettijean	Owner	1000
115	Greig	Gold	2000
116	Speck	Owner	3000
117	McCord	Owner	5600
118	Froberg	Froberg	3500
119	Junca	Ganbert	2500
120	Alameda	Fish	5800
121	Denbigh	Owner	4700
122	Koch	Steffen	3000
123	Richardson	Barr	2000
124	Attebery	Owner	3950
125	Walker	Owner	3000
126	Stone	Owner	3000
127	Morgan	Scott	1500
128	Woodburn	Owner	3000
129	Reymann	Schneider	1600
130	Fiddy	Owner	1000
131	Stulsaft	Thornally	18000
132	Robins	Owner	3500
133	Sigwald	Owner	3500
134	Brierly	Owner	1250
135	Buker	Owner	1200
136	Shipman	Owner	1850
137	Gregory	Westlund	2040
138	Arnold	Graff	20000
139	Kurtz	Owner	8500
140	Hennings	Lehman	4650
141	Saroni	Pond	16800
142	Same	Same	3200
143	Gibson	Owner	2000
144	Fennelly	Fennelly	3500
145	Cryer	Hudson	3900
146	Parker	McCline	4186

RESIDENCE
(61) NO. 33 ESTRELLA AVE., Piedmon. Two-story 6-room and garage residence.
Owner—R. W. Myers, 3215 Claremont Ave., Berkeley.
Architect—None. $6500

DWELLING
(62) NO. 580 BOULEVARD WAY, Piedmont. One-story 5-room dwlg
Owner—J. M. Williams, 701 17th St., Oakland.
Architect—None.
Contractor—L. J. Dolan, Syndicate Bldg., Oakland. $4750

RESIDENCE
(63) NO. 207 CARMEL AVE., Piedmont. One-story 6-room dwelling.
Owner—Ethel G. Stubbes, 111 Nova Dr., Piedmont,
Architect—None.
Contractor—C. M. MacGregor, 470 13th St., Oakland. $6600

DWELLING
(64) NO. 125 RONADA AVE., Piedmont. One-story 6-room dwelling and garage.
Owner—C. M McElhinney, 43 Montecello Ave., Piedmont.
Architect—None.
Contractor — Noble & Beach, 351 12th St., Oakland. $4500

DWELLING
(65) NE REGENT AND CHESTER, Alameda. One-story 5-room dwlg.
Owner—Carl G. Peterson, 1203 Walnut St., Alameda.
Architect—None.
Contractor—J. B. Sircy, 2315 Alameda Ave., Alameda. $4350

DWELLING
(66) NO. 1329 SHERMAN ST, Alameda. One-story 5-room dwelling.
Owner—G. H. Noble, 2205 Santa Clara Ave., Alameda.
Architect—None. $4000

ALTERATIONS
(67) SE PARK AND CENTRAL AVE., Alameda. Alter apartments.
Owner—O. Meads, 1710 Everett St., Alameda.
Architect—None.
Contractor — Sommarstrom Bros. Co., 306 14th St, Alameda. $5000

ADDITION
(68) NO. 2537 BENVENUE, Berkeley. Addition.
Owner—Geo. T. Ruddock, Premises.
Architect—None.
Contractor—Fred J. Westlund, 351 12th St., Oakland. $3600

ADDITION
(69) NO 2607 ALCATRAZ AVE., Berkleye. Addition.
Owner—A. B. McNeil, 926-8 Fillmore St., San Francisco.
Architect—None.
Contractor—John Sullivan, 6452 Harmon Court, Oakland. $1000

DWELLING
(70) 1415 EXCELSIOR AVE., Oakland One-story 6-room dwelling.
Owner—Brown & Stenbro, 1707 Broadway, Oakland.
Architect—None. $3500

DWELLING
(71) 1407 EXCELSIOR, Oakland. One-story 5-room dwelling.
Owner—Brown & Stenbro, 1707 Broadway, Oakland.
Architect—None. $3000

DWELLING
(72) 4227 E-SIXTEENTH ST., Oakland. One-story 5-room dwelling.
Owner—H. D. Esdreir, 4216 E-16th St., Oakland.
Architect—None.
Contractor—C. H. Graham, 4234 E-16th St., Oakland. $2500

DWELLING
(73) 2507 SIXTY-FIFTH AVE., Oakland. One-story 4-room dwelling.
Owner—S. A. Warner, 351 12th St., Okd.
Architect—None. $2000

CLEANING PLANT
(74) NW COR. TWENTY-SECOND & West Sts., Oakland. One-story class C cleaning and dyeing plant.
Owner—J. B. Bouchet, Cor. 20th and Telegraph, Oakland.
Architect—None.
Contractor—J. J. Power, 744 20th St., Oakland. $7000

BUILDING
(75) E COLLEGE AVE 250 N Claremont Ave., N 53.28 E 311.15 S 87.25 SW 259.16 Oakland. 1-story brick building.
Owner—L. C. Firestine, 6246 College Ave., Oakland.
Architect—A. W. Smith, 1010 Broadway, Oakland.
Contractor—S. G. Johnson, 4652 Dolores St., Oakland.
Filed Jan. 4, 1923. Dated Jan. 4, 1923.

Ready for trusses	$2862
Roof com. & conc. floors laid	4000
Completed and accepted	4000
Usual 35 days	4000
TOTAL COST,	$14,862

Bond, $7431; Sureties, Aaron Dahlquist and John Sanden; Forfeit, $1 day; Limit 70 days; Plans and specifications filed.

OFFICE BLDG.
(76) NINETEENTH AND FRANKLIN Sts., Oakland. Electric fixtures for 9-story and basement reinforced concrete and brick office bldg.
Owner—P. A. Palmer, agt. Dr. Robert Dunn, Monadnock Bldg., S. F.
Architect — W. C. Lowe, Monadnock Bldg., San Francisco.
Contractor—Bird Rymer Co., 332 14th St., Oakland.
Filed Jan. 5, 1923. Dated Dec. 29, 1922.

Each month	75%
Usual 35 days	25%
TOTAL COST,	$2224

Bonds, none; Sureties, none; Forfeit, none; Limit, none; Plans and specifications, none.

DWELLING
(77) W EIGHTY-NINTH AVE 300 N Olive, Oakland. One-story 4-room dwelling.
Owner—A. Kramer, 2129 89th Ave., Oakland.
Architect—None. $1500

DWELLING
(78) NW EIGHTY-FOURTH AVE & Plymouth, Oakland. One-story 5-room dwelling.
Owner—O. L. Adams, 1021 Castro St., Oakland.
Architect—None.
Contractor—H. W. Raines, 1926 Franklin St., Oakland. $2800

DWELLING
(79) SW VINCENT LANE & SEVENTY-second Ave., Oakland. One-story four-room dwelling
Owner—Geo. H. and Mildred Green.
Architect—None.
Contractor—George H. Green. $2000

FACTORY
(80) E LINDEN ST. bet. First and Third Sts., Oakland. Al work for one and two-story concrete, brick and frame factory.
Owner—California Packing Corp., 101 California St., San Francisco.
Architect—Philip L. Bush, 101 California St., San Francisco
Contractor—H. J. Christensen, 505 17th St., Oakland.
Filed Jan. 6, '23. Dated Jan. 4, '23.

Concrete foundations in place	$ 1000
Concrete floor in place	5000
Brick wall are truss high	7500
Roof boards on and monitor closed in	10000
Glazed and plumbing passed	10000
Completed and accepted	9600
36 days after	15650
TOTAL COST,	$62,250

Bond. $31.125. Surety. Globe Indemnity Co. Limit, 65 days. Forfeit, $50. Bonus, $50. Plans and specifications filed.

DWELLING
(81) NO. 12 CAMBRIDGE WAY, Piedmont. One-story 6-room dwelling and garage.
Owner—J. F. Chambers, Plaza Bldg., Oakland.
Architect—None. $5000

STORE
(82) COR GRAND AND LINDA AVES being Lot 8 Blk 6, Fairview Tract Piedmont. One-story brick store.

Owner—K. Van Loo, 670 54th St., Okd.
Architect—None.
Contractor—H. F. Starbuck $5200

DWELLING
(83) NO. 30 JEROME AVE., Piedmont. One-story 6-room dwelling and garage.
Owner—Mrs. E. Davis.
Architect—None.
Contractor—C. E. Burke, 4129 Randolph Ave., Oakland. $5000

DWELLING
(84) NO 1113 RANLEIGH WAY, Piedmont. One-story 5-room dwelling and garage
Owner—A. P. Anderson, 5409 Thomas St., Oakland.
Architect—None. $5000

DWELLING
(85) NO. 1014 ROSE AVE., Piedmont. One-story 6-room dwelling and garage.
Owner—Dr. L. R. Dupuich, 1736 12th Ave., Oakland.
Architect—None.
Contractor—J. W. Monroe, 5538 Claremont Ave., Oakland. $5200

APARTMENTS
(86) NO 1822-4-6 ALCATRAZ AVE., Berkeley. Two-story 8-room stores and apartments.
Owner—Karl Huzel.
Architect—None.
Contractor—J. B. Bishop, 811 Adams St., Albany. $12,000

DWELLING
(87) NO. 1400 EDITH, Berkeley. One storyy 5-room dwelling.
Owner—P. E. Marquis, 1023 Oxford St., Berkeley.
Architect—None. $3250

DWELLING
DWELLING
(88) N BROADWAY TERRACE 200 W Proctor, Oakland. One-story 5-room dwelling.
Owner—A. B. MacMurty, 5208 Manila Ave., Oakland.
Architect—None. $3900

ALTERATIONS
(89) NO. 3807 CLARKE ST., Oakland. Alterations and additions.
Owner—Chas. Westwood, Premises.
Architect—None. $2500

APARTMENTS
(90) W FORTIETH AVE 80 N Foothill Blvd., Oakland Two-story 14-room apartments.
Owner—W. F. Lloyd, 3720 Foothill Blvd., Oakland.
Architect—None. $12,000

DWELLING
(91) NO. 3820 MAGEE AVE., Oakland. One-story 5-room dwelling.
Owner—Enrico Menichetta, 3840 Magee St., Oakland.
Architect—None.
Contractor—Pio Benassini, 5111 Miles Ave., Oakland. $3000

DWELLING
(92) W WHITTLE AVE opp Wilbur St., Oakland. One-story 3-room dwelling.
Owner—Mrs. Eva Hawk.
Architect—None.
Contractor—J. L. Hawk. $1200

ALTERATIONS
(93) NO. 460 RICH ST., Oakland. Alterations.
Owner—Wm. Reishhold, Premises.
Architect—None
Contractor—J. D. Wieslander, 402 Gilbert St., Oakland $1500

DWELLING
(94) NO. 3411 SCHOOL ST., Oakland. One-story 6-room dwelling.
Owner—C. M. MacGregor, 470 13th St., Oakland.
Architect—None $3250

DWELLING
(95) NO. 3351 SCHOOL ST., Oakland. One-story 5-room dwelling.
Owner—C. M. MacGregor, 470 13th St., Oakland.
Architect—None. $3250

DWELLINGS
(96) NO. 3401 and 3421 SCHOOL ST., Oakland. Two one-story 6-room dwellings.
Owner—C. M. MacGregor, 470 13th St., Oakland.
Architect—None $3950 each

DWELLING
(97) NO. 2867 E-SEVENTEENTH ST., Oakland. One-story 6-room dwlg.
Owner—Chris Skoomand, 1702 36th Ave., Oakland.
Architect—None. $3150

DWELLING
(98) NO. 671 SIXTY-THIRD ST., Oakland. One-story 6-room dwlg.
Owner—Dorothy Azbill, 665 63rd St., Oakland.
Architect—None.
Contractor—L. H. Joseph, 2902 Magnolia St., Oakland $3500

DWELLING
(99) NO. 96 MONTEL ST., Oakland. One-story 4-room dwelling.
Owner—O. Legault, 3007 Market St., Oakland.
Architect—None. $3000

DWELLING
(100) NO. 2131 SACRAMENTO, Berkeley. One-story 5-room dwelling.
Owner—Thomas Wilson, 1512 27th Ave., Oakland.
Architect—None.
Contractor—M. P. Graves, 1901 University Ave., Berkeley. $3750

DWELLING
(101) NO. 1420 DELAWARE, Berkeley. One-story 5-room dwlg.
Owner—Thomas Wilson, 1512 27th Ave., Oakland.
Architect—None.
Contractor—M. P. Graves, 1901 University Ave., Berkeley. $4000

DWELLINGS
(102) NO. 1709 and 1715 AUSEON AV., Oakland. Two one-story 5-room dwellings.
Owner—A. L. Poe, 1465 Auseon Ave., Oakland.
Architect—None.
Contractor—J. Murray, 9233 Birch St., Oakland. $3500 each

DWELLING
(103) N AGUA VISTA 250 E 38th Ave. Oakland. One-story 5-room dwlg.
Owner—A. Wolff, 4201 Agua Vista St., Oakland.
Architect—None.
Contractor—J. B. Petersen, 2053 38th Ave., Oakland. $5500

DWELLING
(104) NW BOND AND VICKSBURG, Oakland One-story 4-room dwlg.
Owner—T. J. McCord, 4741 E-14th St., Oakland.
Architect—None. $2800

ALTERATIONS
(105) NO. 780 BLENHEIM ST., Oakland. Alterations and additions.
Owner—T. P. Yost, 10167 Pippin St., Oakland.
Architect—None. $1500

DWELLING
(106) NO. 3250 DELAWARE ST., Oakland One-story 5-room dwelling.
Owner—Mrs. M. Kist, 3240 Delaware St., Oakland.
Architect—None.
Contractor—A. Anderson, 3027 Florida St., Oakland $3000

DWELLING
(107) NO. 1433 EXCELSIOR AVE., Oakland. One and one-half-story 5-room dwelling.
Owner—Carl Walstrom, 3827 Midvale Ave., Oakland.
Architect—None. $3500

DWELLING
(108) NO. 695 FORTY-THIRD ST., Oakland One-story 6-room dwlg.
Owner—Elson V. Carsten, 2360 Telegraph Ave., Oakland.
Architect—None. $3000

DWELLING
(109) NO. 6020 FOOTHILL BLVD., Oakland. One-story 5-room dwlg.
Owner—Mrs. E. T. Cook, 5132 Foothill Blvd., Oakland.
Architect—None.
Contractor—Geo. H. Albers. $3000

DWELLING
(110) N FIFTY-SEVENTH 160 E Los Angeles, Oakland One-story 5-room dwelling.
Owner—Thos. Hofoe, 976 57th St., Oakland.
Architect—None. $3000

STORE
(111) W GROVE 100 S 54th St., Oakland. One-story store.
Owner—G. Lavagnino, 5759 Los Angeles St., Oakland.
Architect—None.
Contractor—C. E. Charleston, 5627 Genoa St., Oakland. $4809

DWELLINGS
(112) N HOLWAY 120 & 156 W 62nd Ave., Oakland. Two 1-story 4-room dwellings.
Owner—C. B. Deuble.
Architect—None.
Contractor—K. A. Johanson, 2429 13th Ave., Oakland. $2500 each

DWELLING
(113) 3727 LAGUNA AVE., Oakland 1-story 5-room dwelling.
Owner—J. M. Benson, 3935 Laguna Ave. Oakland.
Architect—None.
Contractor—Martin Benson, 3935 Laguna Ave., Oakland. $3600

ADDITION
(114) 3810 LAGUNA AVE., Oakland. Addition.
Owner—Joe Petitjean, premises.
Architect—None. $1000

FIRE REPAIRS
(115) 381 ORANGE ST., Oakland. Fire repairs.
Owner—Capt. R. Greig.
Architect—None.
Contractor—Francis Gold, 174 Perry St. Oakland. $2000

DWELLING
(116) E-SIXTY-NINTH AVE. 700 N E-14th St., Oakland. 1-story 4-room dwelling.
Owner—F. A. Speck, 973 92nd Ave., Okd.
Architect—None. $3000

DWELLING
(117) W VICKSBURG 40 & 80 N Bond, Oakland. 2 1-story 4-room dwlge.
Owner—T. G. McCord, 4741 E-14th Okd.
Architect—None. $2800 each

DWELLING
(118) S CENTRAL AVE 101 W St. Charles, Alameda. One-story six-room dwelling.
Owner — John Froberg, 3242 Encinal Ave., Alameda.
Architect—None.
Contractor—Albert Froberg, San Francisco. $3500

ADDITION
(119) NO. 2811 ENCINAL AVE., Alameda. Addition.
Owner—R. Junca, Premises

Architect—None .
Contractor—N. Ganbert, 1910 40th Ave., Oakland. $2500

DWELLINGS
(120) NO. 1104-1108 OAK, Alameda. Two one-story 5-room dwellings.
Owner—Alameda Land Co., 1434 Park St., Alameda.
Architect—None.
Contractor—M. H. Fish, 1333 Fountain St, Alameda. $2900 each

DWELLING
(121) NO. 2840 FOREST, Berkeley. Two-story 6-room dwelling and garage.
Owner—B. K. Denbigh, 2171 Shattuck Ave., Berkeley.
Architect—None. $4700

DWELLING
(122) 6936 ARTHUR ST., Oakland. 1-story 5-room dwelling.
Owner—R. W. Koch, 3320 E-14th St., Oakland.
Architect—None.
Contractor—G. W. Steffen, 1941 Crosby Oakland. $3000

DWELLING
(123) 2825 ABBEY ST., Oakland. 1-story 4-room dwelling.
Owner—W. Richardson, premises.
Architect—None.
Contractor—Barr & Son, 306 26th St., Oakland. $2000

DWELLING
(124) 4100 CARRINGTON ST., Oakland. 1-story 6-room dwelling.
Owner—E. M. Attebery, 2039 42nd Ave., Oakland.
Architect—None. $3950

DWELLING
(125) 1679 HOPKINS, Oakland. 1-story 5-room dwelling.
Owner—W. A. Walker 545 17th St., Oakland.
Architect—None. $3000

DWELLING
(126) 1239 HOPKINS ST., Oakland. 1-story 5-room dwelling.
Owner—W. F. Stone, 813 Portola Ave., Alameda.
Architect—None. $3000

ADDITION
(127) 296 LEE ST., Oakland. Addition.
Owner—Walter Morgan.
Architect—None.
Contractor—G. A. Scott, 685 23rd St., Oakland. $1500

DWELLING
(128) E MONTCLAIR AVE. 100 S McKinley, Oakland. 1-story 4-room dwelling.
Owner—P. E. Woodburn, 624 Prospect Ave., Oakland.
Architect—None. $3000

ADDITION
(129) 95 MOSS AVE., Oakland. Addition.
Owner—Ernest Reymann, premises.
Architect—None.
Contractor—F. J. Schneider, 810 60th St Oakland. $1600

DWELLING
(130) SE COR. SEVENTY-THIRD AV. and Sunkiss Drive Oakland. 1-story 3-room dwelling.
Owner—Albert E. Fiddy.
Architect—None. $1000

WAREHOUSE
(131) NE COR SIXTEENTH AVE & S. P. R.R., Oakland. 1-story steel warehouse.
Owner—Morris Stulsaft Co., 270 11th St. Oakland.
Architect—None.
Contractor—W. G. Thornalley, 357 12th St., Oakland. $18,000

DWELLING
(132) 5548 THOMAS ST., Oakland. 1-story 6-room dwelling.
Owner—R. L. Robins, 5117 Broadway, Oakland.
Architect—None. $3500

DWELLING
(133) 2421 THIRTY-EIGHTH AVE., Oakland. 1-story 5-room dwelling.
Owner—J. W. Sigwald, 3927 Agua Vista Ave., Oakland.
Architect—None. $3500

DWELLING
(134) N VALENTINA ST. 600 E Columbia Drive, Oakland. 1-story 4-room dwelling.
Owner—John Brierly.
Architect—None. $1250

DWELLING
(135) S VALENTINA ST. 600 E Columbia Drive, Oakland. 1-story 4-room dwellling.
Owner—A. A. Baker, Columbia Park, Oakland.
Architect—None. $1200

DWELLING
(136) 7527 WELD ST., Oakland. 1-sto. 4-room dwelling.
Owner—C. A. Shipman, 1427 69th Ave., Oakland.
Architect—None. $1850

ADDITION
(137) 1434 GREENWOOD TERRACE Berkeley. Addition to dwelling.
Owner — Warren Gregory ,Greenwood, Berkeley.
Architect—E. Goeffrey Bangs, 1st Natl. Bank Bldg., San Francisco.
Contractor — Fred J. Westlund, 2207 10th Ave., Oakland.
Filed Jan. 10, 1923. Dated Jan. 3, 1923.
Plastered 50%
Completed and accepted 25%
Usual 35 days 25%
TOTAL COST, $2040
Bond, none; Sureties, none; Forfeit, none; Limit, Feb. 14; Plans and specifications filed.

APARTMENTS
(138) NE COTTAGE AND YORK STS., Oakland. Three-story 20-room apartments.
Owner—H. V. Arnold, 355 12th St., Oakland.
Architect—None.
Contractor—Edwin C. Graff, 355 12th St., Oakland. $20,000

APARTMENTS
(139) N FORTY-FIRST 100 W Manila, Oakland. Two-story 11-room apartments.
Owner—F. A. Kurtz, 711 54th St., Oakland.
Architect—None. $8500

DWELLING
(140) N SANTA RAY 400 E Paloma, Oakland. 1-story 5-room dwelling.
Owner—M. N. Hennings, 97 Hamilton Place, Oakland.
Architect—None.
Contractor—John Lehman, 959 Apgar St., Oakland. $4650

DWELLINGS
(141) 2451-57-63-75-81 67th Ave, Oakland. Six 1-story 5-room dwellings.
Owner—Louis Saroni, 705 Sansome St., San Francisco.
Architect—None.
Contractor—C. P. Pond, 1163 Ashmont Ave., Oakland. $2800 each

DWELLING
(142) W SIXTY-SEVENTH AVE. 500 N Arthur St., Oakland. 1-story 6-room dwelling.
Owner—Louis Saroni, 705 Sansome St., San Francisco.
Architect—None.
Contractor—C. P. Pond, 1163 Ashmont Ave., Oakland $3200

FACTORY
(143) SW COR. E-SEVENTEENTH ST and 12th Ave., Oakland. 1-story frame and galv. iron paint factory.
Owner—R. C. Gibson, Oakland.
Architect—None. $2000

DWELLING
(144) 3007 E-TWENTY-SECOND ST. Oakland. 1-story 5-room dwelling.
Owner—Fenneley & Cunningham, 2910 E-22nd St., Oakland.
Architect—None.
Contractor—Jas. D. Fennelly, 2910 E-22nd St., Oakland. $3500

DWELLING
(145) E EVERETT AVE. bet E-38th St. and Hampel St., Oakland. 1-sto. dwelling and garage.
Owner—Helen E. Cryer, Oakland.
Architect—None.
Contractor—L. G. Hudson, 1771 Evers Ave., Oakland.
Filed Jan. 11, 1923. Dated Jan. 4. 1923.
Frame up .....¼
Brown coated .....¼
Standing frame up .....¼
Completed and accepted .....¼
TOTAL COST, $3900
Bonds, none; Sureties, none; Forfeit, none; Limit, 90 days; Plans, none; Specifications filed.

DWELLING
(146) W FRUITVALE AVE. 50 S Woodbine St., 40x100, Oakland. 1-story thermo wall conc. dwelling.
Owner—William H. Parker, 3409 Fruitvale Ave., Oakland.
Architect—None.
Contractor—R. O. McCline, 1315 Fruitvale Ave., Oakland.
Filed Jan. 11, 1923. Dated Dec. 16, 1922.
Frame up .....¼
Brown coated .....¼
Completed and accepted.....¼
Usual 35 days.....¼
TOTAL COST, $4186
Bond, $2093; Sureties, N. Frank Morse; Forfeit, $25 day; Limit, 60 days; Plans and specifications filed.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Accepted

Jan. 4, 1923—NE SIXTY-THIRD & Telegraph Ave E 133.80 N 100 W 106.80 S 103.90, Oakland. T H Cook by M G Kendall to California Builders Co.....Jan. 3, 1923

Jan. 4, 1923—LOT 2 BLK "C" Map No. 1, Highland Terrace, Oakland. Herman and Lucy E Katz by M G Kendall to California Builders Co .....Jan 3, 1923

Jan. 4, 1923—NE BANCROFT WAY & Roosevelt Ave E 40xN 100, Berkeley. Adam Carr to Home Constr. Co .....Jan. 4, 1923

Jan. 5, 1923—LOT 2 BLK "B" Triangle Park Tract, Berkeley. Roy O Long to whom it may concern.. .....Dec. 29, 1922

Jan. 5, 1923—LOT 3 BLK "A" Triangle Park Tract, Berkeley. Roy O Long to whom it may concern.. .....Dec. 29, 1922

Jan. 5, 1923—SW FOURTEENTH AV and E-27th St., Oakland. Rene De Baere to J W Brooks and D E Hart.....Jan. 5, 1923

Jan. 5, 1923—LOT 87 Nova Piedmont, Piedmont. Charles William Linge to whom it may concern..Jan. 3, 1923

Jan. 8, 1923—NW CHAMPION AND Nicol Ave., Oakland. J F Butler to E T Matteson.....Jan. 3, 1923

Jan. 8, 1923—LOT 17 BLK 12 Northbrae, Berkeley. A H Pallen to whom it may concern..Jan. 6, 1923

Jan. 8, 1923—LOT 48 Piedmont Manor Piedmont. F W Kirske to W J Baker.....Jan. 8, 1923

Jan. 8, 1923—LOT 81 Map 4th Ave Terrace Extension, Oakland. Fred M Johnson per J J Stevenson to whom it may concern..Dec. 31, 1923

Jan. 8, 1923—LOT 27 Crocker Oaks Tract, Piedmont. A Claassen to whom it may concern....Jan 4, 1923
Jan. 9, 1923—N PTN LOT 39, Crocker Terrace, Piedmont. Thomas M Earl to Louis O Hansson.....Jan 8, 1923
Jan. 9, 1923—NO. 4400-4406-4412 E-Sixteenth, Oakland. Lydia and R Daska to Ben F Kopf...Jan. 6, 1923
Jan. 9, 1923—LOT 3 BLK 19, Map Melrose Heights, Oakland. G H Moffatt to whom it may concern.. .....Dec. 28, 1922
Jan. 9, 1923—S TWELFTH 75 W Jackson W 75xS 100, Oakland. N S Sachs to H J Christenson and R Vane Woods .....Dec. 28, 1922
Jan. 9, 1923—W HIGH 100 N Quigley Oakland. Manuel and Cheldena Correia to A Frederick Anderson .....Jan. 6, 1923
Jan. 10, 1923—PTN LOTS 41 AND 42 Blk "L" Map Fourth Ave Terrace, Oakland. Anna C Graham to J F Perry.....Jan. 1, 1923
Jan. 10, 1923—LOT 8 BLK "A" Waterside Terrace, Alameda. Lulu M Griesemer to G W Owens.Jan. 18, '23
Jan. 10, 1923—NW OAKLAND AND Highland Aves., Piedmont. Annie Hendry by Houghton Sawyer to Fred J Westlund.....Dec. 5, 1922
Jan. 10, 1923—U. C. GROUNDS, Berkeley. Regents of U. C. to M B McGowan.....Jan. 3, 1923
Jan. 10, 1923—NO. 2209 ENCINAL Ave, Alameda. Carl Peterson to H C Reesinger.....Jan. 9, 1923
Jan. 10, 1923—PTN LOTS 5 AND 6 Blk 12, Lakeshore Highlands, Oakland. Doris Markovits to Harry Schwalm.....Jan. 9, 1923
Jan. 10, 1923—W TELEGRAPH AVE 50 S Durant Ave 80x100, Berkeley. F E Romie to L R Wilson.Jan. 10, '23
Jan. 10, 1923—NE SIXTY-FIRST & Racine 50x58.80, Oakland. Kate E Sandford to F W Thaxter..... .....Jan. 8, 1923
Jan. 11, 1923—E E-FOURTEENTH 842 N Stanley Ave 210.83x1032.76, Oakland. Star Motor Co. of Cal to Rigney Tile Co.....Jan. 2, 1923
Jan. 11, 1923—NO. 3815 SAN JUAN St., Oakland. N H E Clark to whom it may concern...Jan. 4, 1923
Jan. 11, 1923—NE PARK ST. AND Central Ave N 39.73 E 80.44 N 24 E to U. S. Post Office land S to Central Ave W to Pt beg, Alameda. Bank of Italy to Alfred H Vogt... .....Jan. 6, 1923
Jan. 11, 1923—NO. 1605 GROVE ST., Berkeley. Mrs. Mary A Saxton to J F Brennan .....
Jan. 11, 1923—W TALBOT AVE 187-6 N Dartmouth N 37-6xW 100, Albany Cora M Smith to Lew Smith..... .....Jan. 5, 1923

LIENS FILED

ALAMEDA COUNTY

Recorded Amount
Jan. 5, 1923—LOT 60 Lake Knoll Tract, Oakland. Melrose Lumber & Supply Co vs Laura A C Laur and Gordon Wiser $348.73
Jan 8, 1923—LOTS 1 AND 2 BLK 697 Map Casserly Tract, Oakland. Louie Rucker vs J G Sjoerg and W J Myers $228
Jan 10, 1923—NO. 1785 SEVENTH St., Oakland. D E Garner, $47; S C Shockley, $37.50 vs W M Tarr and Albert Reed.....
Jan. 11 1923 -N GLEN AVE 51 E Spruce NE 31.67xE 20, Berkeley. Oakland Mfg Co vs A Manzle and Home Constr Co.....$250
Jan. 11, 1923 NW SUNNYSIDE DR 60.3 NE E-Fourteenth NE 10 NW 181.70 SW 10 SE 181.68, San Leandro. Ambrose Brothers vs Darling, Harding & Co (a corp.), Mrs. Maria Avellar and Mrs. Jane Doe Lopes $248

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded Amount
Jan 5, 1923—S 45.25 LOTS 7, 8, and 9 and Lot 6 Blk "B" Sunnyslope Tract, Oakland. Henry Cowell Lime & Cement Co to R L Rowley $320.72
Jan. 5, 1923—LOT 12 BLK 6 Map Northbrae, Berkeley. Hogan Lumber & Mill Co to Karl Friestedt $1058.55
Jan. 6, 1923—LOT 8 BLK "A" Maxwell Park, Oakland. Maxwell Hardware Co to William H Collins $1456.05
Jan. 8, 1923—LOT 26 Map Crocker Oaks, Piedmont. Kawneer Mfg Co to A M Bowser et al.....$68.40
Jan. 11, 1923—W 40 LOT 33, Lull Subdvn Vernon Park Tract, Oakland. Strable Hardwood Co to C J Allen and Herbert Hansen Floor Co.....$31.59
Jan. 11, 1923—SE TWENTY-NINTH Ave 295.65 NE Elmwood Ave SE 609.60 NE 349.31 NW 609.29 SW 370.50, Oakland. Healy Tibbitts Constr Co to A W Palfreyman, George W Anderson and Thomas L Wand $820.09

Notice of Non-Responsibility

ALAMEDA COUNTY

Jan. 10, 1923—NW THIRTY-EIGHTH Ave and NE Redding NE 47xNW 100, Oakland. Alameda Investment Co as to improvements on property

OAKLAND BUILDING TOTALS FOR DECEMBER 1922

Summary of applications for building permits for the month of December, 1922:

Class. of Bldgs.	No. Permits	Cost
1-s dwellings	225	$671,554
1-s 2-family dwellings	5	18,400
1-s dwelling & store	4	13,900
1½-s dwelling	1	5,000
2-s dwellings	4	21,657
2-s flats	5	44,350
2-s flats & Stores	1	9,200
2-s apartments	5	92,000
2-s apartments & stores	1	11,000
1-s stores	7	15,350
1-s office	1	250
1-s comfort station	1	600
1-s shop	1	400
1-s Sunday school	1	400
1-s boiler room	1	48,900
2-s planing mill	1	1,500
1-s tile garage	5	10,800
1-s tile shop	1	475
2-s tile apts. & stores	1	14,000
1-s concrete dwelling	1	4,500
1-s concrete garage	3	4,950
1-s concrete stores	1	25,000
2-s concrete school	1	117,139
3-s concrete store	1	300,000
2-s brick & concrete store	1	20,000
1-s brick garage	1	7,000
3-s brick apartments	1	60,000
3-s brick apts. & Stores	1	40,000
3-s steel frame stores, offices and garage	1	300,000
Electric signs	20	6,916
1-s garages and sheds	154	28,876
Additions	76	136,124
Alterations & repairs	69	41,342
Total	602	$2,070,582

Summary

New Construction	533	$2,029,240
Alterations & repairs	69	41,342
Total	602	$2,070,582

BUILDING CONTRACTS

FRESNO COUNTY

$5000 and Over Reported

DWELLING, $2650; 1478 Glenn Ave., Fresno; owner, E. R. Morris, 312 Shasta, Fresno.
STORE BUILDING, $6000; 920 E St., Fresno; owner, D. Murshima, Fresno; contractor, J. R. Church, 221 N "U" St., Fresno.
DWELLING & garage, $3000; 1224 Poplar Ave., Fresno; owner, K. C. Buwalda, 210 Dennett St., Fresno.
STORE, $9000; No. 1217 F St., Fresno; owner, Peter Skupas; contractor, Hansen Bros., 2255 Fresno St., Fresno.

COMPLETION NOTICES

FRESNO COUNTY

Recorded Accepted
Jan. 5, 1923—LOTS 39 & 40 BLOCK 3 Fresno. Watkins & Deardorf to whom it may concern....Jan. 4, 1923
Jan. 5, 1923—LOTS 23-24 BLOCK 8 Roeding Add., Fresno. Edward Schary to whom it may concern .....Jan. 3, 1923
Jan. 5, 1923—LOTS 6-7-8 BLOCK 2 Fenway Tract, Fresno. Gussie Wells to whom it may concern .....Jan. 4, 1923
Jan. 4 ,1923—LOTS 15-16 BLOCK 2 Martin Home, Fresno. Richard Martin to whom it may concern..... .....Jan. 3, 1923
Jan. 4, 1923—LOTS 5-6 BLOCK 3 Markley-Vincent Tract, Fresno. Eva Motridge to whom it may concern .....Jan. 2, 1923
Jan. 8, 1923—LOTS 40 AND 41 BLK 2, Claremont Court, Fresno. Beulah Davis to whom it may concern.. .....Jan. 5, 1923
Jan. 8, 1923—LOTS 36 AND 37 BLK 10, Sierra Vista Addition, Fresno. J L Hagan to whom it may concern.....Jan. 2, 1923
Jan. 6, 1923—LOT 17 North Van Ness Tract, Fresno. Frances Meehan to whom it may concern..Jan. 6, 1923
Jan. 6, 1923—S 75 FT. LOT 10, Harvey Heights, Fresno B F Francis to whom it may concern.. .....Jan. 5, 1923
Jan. 6, 1923—LOTS 10 AND 11 BLK 9, Roeding Addition, Fresno. R R Howard to whom it may concern .....Jan. 2, 1923
Jan. 6, 1923—LOTS 45 AND 46 BLK 6, Roeding Addition, Fresno. W H Hoss to whom it may concern... .....Dec. 26, 1923
Jan. 9, 1923—LOTS 45 AND 46 BLK 18, North Park Terrace, Fresno. Samuel Davidson to whom it may concern.....Jan. 9, 1923
Jan. 9, 1923—LOT 38 N 10 ft. Lot 37 Blk 3, High Addition, Fresno. J A Schlotthauer to whom it may concern.....Jan. 8, 1923
Jan. 9, 1923—CARUTHERS SCHOOL District, Fresno. Caruthers School District to whom it may concern.. .....Jan 5, 1923

LIENS FILED

FRESNO COUNTY

Recorded Amount
Jan. 4, 1923—LOTS 26-27 BLOCK 8 Van Ness Hts. Fresno Builders Supply Co. vs. C. A. Williams....$28
Jan. 4, 1923—LOTS 28-29 BLOCK 8 Van Ness Hts. Fresno Builders Supply vs. M. C. Crite.....$26
Jan. 4, 1923—LOT 32 BLOCK 8 Van Ness Hts. Fresno Builders Supply vs. Mrs. A. Gunther $70
Jan. 6, 1923—LOT 5 BLK 9, Oakwood Sunset Lumber Co vs L W Klein $53
Jan. 6, 1923—LOT 1, Gordondale. Sunset Lumber Co vs Arthur Perkins $79
Jan. 8, 1923—LOTS 31 AND 32 BLK 37, Biola. J H Burnett Iron Wks, Inc vs Emil Schultz.....$400

BUILDING CONTRACTS

SACRAMENTO COUNTY

$2,500 and Over Reported

DWELLING, 1-story 5-room, and garage, $3950; 3172 T St., Sacramento; owner, F. Maloney, 1801 W St., Sacramento.

DWELLING, 1-story 6-room, and garage, $5000; 942 42nd St., Sacramento; owner, John G. Jacklin, 1820 F St., Sacramento; contractor, E. D. Brier, 813 J St., Sacramento.

DWELLING, 1-story 5-room, $3500; 4116 3rd Ave., Sacramento; owner, Joe F. Cifelim, 4110 3rd Ave., Sacramento; contractor, D. Rown and Sowis, Sacramento.

DWELLING, 1-story 5-room, and garage, $—; 1049 Santa Barbara Way, Sacramento; owner, Geo. Blower, 2118½ 13th St., Sacramento.

DWELLING, one-story 5-room and garage, $5350; No. 1415 43rd St., Sacramento; owner, Anna E. Williams 440 San Benito Way, Sacramento.

FLATS, two-story and garage, $8000; No. 428 Tenth St., Sacramento; owner, C. Valine.

DWELLING, one-story 5-room and garage, $3000; No. 5057 10th Ave., Sacramento; owner, D. G. McCormick, 1913½ N St., Sacramento.

DWELLING, one-story 6-room and garage, $5500; No 1108 47th St., Sacramento; owner, Mrs. D. E. Manning, 2600 L St., Sacramento.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Accepted

Jan. 5, 1923—N½ LOT 1933 & S ½ Lot 1934 W & K Tract 24, Sacramento. George C. Sellon to whom it may concern .....Jan. 2, 1923

Jan. 6, 1923—LOT 154 BLK 15, Col. Heights, Sacramento. R S Stone to whom it may concer..Jan. 5, 1923

LIENS FILED

SACRAMENTO COUNTY.

Recorded Amount

Jan. 4, 1923—LOT 6 & E ¾ LOT 7, K L 2-3, Sacramento. C. H. Valee $222.50, Jos Saunders $342.95 vs. Otella Lains et al. .....

Jan. 4, 1923—LOT 6 & E ¾ LOT 7, K L 2-3, Sacramento. Dan Tatter vs Otella Laine, Charlie Gibney, et al $321.53

Jan. 6, 1923—LOT 6125, Mission Trecho, Sacramento. Sacramento Lumber Co vs Manuel Pereia Raimundo et al.....$2698.03

Jan. 6, 1923—LOT 4 W. B. Fink Sub, Sacramento. August and Alfred Bochard vs W B Fink.....$105.55

BUILDING CONTRACTS

SANTA CLARA COUNTY

$1,000 and Over Reported

BUNGALOW
LOT 8 BLK 1 S R 5 W, Gilroy. All work for one-story bungalow.
Owner—P Perrelli, Gilroy.
Architect—None.
Contractor—W. C. Ehrich, Gilroy.
Filed Jan. 4, '23. Dated Dec. 14, '22.
Frame up ..... ⅓
Plaster on ..... ⅓
Completed and accepted..... ⅓
TOTAL COST, $4059.50
Bond, limit, forfeit, none. Plans and specifications filed.

COTTAGE
PART LOT 1 BLK 40, Naglee Park Tract, San Jose. All work for one-story frame cottage.
Owner—Mrs. B. L. Hollenbeck, 99 S-Eleventh St, San Jose.
Architect—C. V. Brown, 521 N-16th St. San Jose.
Contractor—C. V. Brown, 521 N-16th St., San Jose.
Filed Jan. 2, '23. Dated Jan. 2, '23.
Roughly enclosed $765
Brown coated 765
Completed 765
Usual 35 days..... 765
TOTAL COST, $3060
Bond, limit, forfeit, none. Plans and specifications filed.

COTTAGE, ETC.
N RANDOL AVE near The Alameda, San Jose. All work for one-story frame cottage and garage.
Owner—Fred M. Stern, 77 N-Market St., San Jose.
Architect—Chas. S. McKenzie, Bank of San Jose Bldg., San Jose.
Contractor—J. E. Perkins, 1652 E-Santa Clara Ave., San Jose.
Filed Jan. 2, '23. Dated Dec. 26, '22.
Foundation in and lumber on ground $2948.00
Frame up 2948.00
1st coat plaster on..... 2948.00
Cottage & garage completed 2951.25
Usual 35 days..... 5531.75
TOTAL COST, $15,727.00
Bond, $8000. Sureties, A. L. Hubbard and Otto E. Schnabel. Limit, 100 working days. Forfeit, none. Plans and specifications filed.

GARAGE
E S-FIRST near William St., San Jose. All work for reinforced concrete and frame garage building.
Owner—Tony Costa and Harry Miller, San Jose.
Architect—Chas. S. McKenzie, Bank of San Jose Bldg., San Jose.
Contractor—Megna & Newell, 866 N-17th St., San Jose.
Filed Jan. 8, '23. Dated Jan. 6, '23.
As work progresses..... 75%
Uscual 35 days..... 25%
TOTAL COST, $17,336
Bond, none. Limit, 100 working days. Forfeit, none. Plans and specifications filed.

GARAGE
S ½ OF LOTS 3 AND 4 BLK 4 RANGE 2 N, San Jose. All work for one-story concrete and frame garage building.
Owner—Pierre J. E. and Catherine Montgomery, 257 N-2d St., San Jose
Architect—Chas. S. McKenzie, Bank of San Jose Bldg., San Jose.
Contractor—J. Erle McCombs & W. R. Lomas, 565 S-2nd St., San Jose.
Filed Jan. 6, '23. Dated Jan. 4, '23.
North wall cribbed and iron placed $3126.00
Concrete poured for north wall and roof framed..... 3126.00
Roof completed 3126.00
Completed and accepted..... 3126.75
Usual 35 days..... 4100.25
TOTAL COST, $18,673.00
Bond, $9000. Sureties, J. A. Chase and Joseph Russo. Limit, 90 working days. Forfeit, none. Plans and specifications filed.

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COTTAGE, 4-room, $1000; Loraine near San Carlos; owner, Amerigo Togetti, 386 Howard St., San Jose; contractor, Wm. Ponla, San Jose.

HOUSE, 2-part, $4900; 11th near Margaret; owner, Mrs. A. Sherwood, 740 S 11th St., San Jose; architect and contractor, A. M Whiteside, 71 S 19th St., San Jose.

RESIDENCE, 6-room, $3000; N 13th nr. Jackson, San Jose; owner, architect and contractor, E. Berggren, 212 Pomona St., San Jose.

RESIDENCE, 6-room, $3500; 11th near Salvador; owner and architect, F. A. Curtis, 52 Viola, San Jose.

COTTAGE, 4-room, $1950; 26th and Whitton, San Jose; owner, architect and contractor, Joe Larsen, 27th and McKee Road, San Jose.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Accepted

Jan. 2, 1923—LOT 22 BLK 3, Newhall & Cottrell Sub, San Jose. Frank Pickering to C V Brown... .....Dec. 30, 1922

Jan 2, 1923—LOT 16 ORCHARD Park, San Jose. E B Stephenson to whom it may concern.Jan. 2, 1923

Jan. 3, 1923—P O BOX 232-A RT. B, Story Road, San Jose. Charles Allario to John Gaiotto.Dec. 30, 1922

Jan. 3, 1923—LOT 10 BLK 2, Acacia Park, San Jose. Ruth O'Neil to whom it may concern....Jan. 2, 1923

Jan. 4, 1923—BLK 10, Hanchett Park San Jose. William G Pengilly to B J Smith.....Jan. 4, 1923

Jan. 4, 1922—ON CHESTER WAY, San Mateo Park, San Mateo, Cal. Carl H. Beal to C. H. Bessett Build. Co. .....Dec. 23, 1922

Jan. 5, 1923—LOT 27 BLK 1, Randol Addition, San Jose. Martha C Hughes to Carl Lindholm.Jan. 5, 1923

Jan. 6, 1923—PTN LOT 4, Albright's Sub., Santa Clara County. L C de Bussy to C E Bacon....Jan. 6, 1923

Jan. 6, 1923—NO. 27-29 PERSHING Ave., San Jose. William Loos to T H Herschback.....Jan. 5, 1923

Jan. 8, 1923—E S-TENTH about 350 S Keys, San Jose. Ella Freyschlag to E E Weldon.....Dec. 6, 1922

Jan. 8, 1923—PTN LOT 4 BLK 36, Palo. Palo Alto Mutual Bldg & Loan Ass'n. to Wells P Geedenough .....Jan. 6, 1923

LIENS FILED

SANTA CLARA COUNTY

Recorded Amount

Jan. 3, 1923—LOT 8 BLK 9, Evergreen Park, San Jose Bruce Constr Co vs Pietro and Maria Tardelli.$179

Jan. —, 1923—S ½ LOT 6 BLK 4 Range 4 S of base line, City of San Jose. C A McMillan vs F E Weaver $110

Jan. 5, 1923—GILROY. Hubbard & Carmichael Bros vs Maud Phelps. $684

RELEASE OF LIENS

SANTA CLARA COUNTY

Recorded Amount

Jan. 4, 1923—ACRE NO. 131, Hamwood Park Tract, Santa Clara Co. The Minton Co to A J Gray..$312.38

Jan. 8, 1923—LOT 8 BLK 9, Evergreen Park, San Jose. Bruce Construction Co to Pietro and Maria Tardelli $179

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

$2500 and Over Reported

RESIDENCE, $4200, No. 1040 Vernal Way, Stockton, owner, A. B. Goldsworth

RESIDENCE, $2700, No. 1533 East Channel St., Stockton; owner, M. Swertzer

RESIDENCE, $4500; No. 65 W-Walnut St., Stockton, owner, F. Gotelli, 902 E-Market St., Stockton.

DRY cleaning plant, $5500; No. 1650 S-El Dorado St., Stockton; owner, K. H. Weaver, Premises.

BUILDING CONTRACTS

SAN MATEO COUNTY

LOTS 1 & 2 BLOCK 4, Burlingame Park No. 3, Town of Hillsborough. All work for altering residence.
Owner—Walter S. Martin, Sharon St., Burlingame
Architect — Bakewell & Brown, 251 Kearny St., S. F.
Contractor—Cavanaugh, San Mateo.
Filed Jan 5, 1923. Dated Jan. 2, 1923.
Plastered $2150
Completed and accepted 1075
Usual 35 days 1075
TOTAL COST, $4300
Bond, none, Sureties, none; Forfeit, none. Limit, 60 wk days; Plans and specifications filed.

MOVE residence back 15 ft. 8 in., $4900 Lot A Blk 5, Burlingame Terrace, Grange Road, Burlingame; owner, D. Houle, 1221 Bellevue Ave., Burlingame.

MOVE residence back 15 ft., $4900; Lot G Blk 5, Burlingame Terrace, Grange Road, Burlingame; owner, D. Houle, 1221 Bellevue Ave., Burlingame.

MOVE bungalow and garage back 18 ft., $1500, Lot 14 Blk 10, Easton; No. 1 Sanchez Ave., Burlingame; owner, W. O. Nicoladies, 218 Peninsula Ave., San Mateo.

GASOLINE station, $5000; NE Burlingame Ave. and Highway, Burlingame, owner, The Shell Co. of Cal.

GASOLINE service station, $5000; SE Highway and Burlingame Ave., Burlingame, owner, Standard Oil Company

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded	Accepted
Jan 4, 1923. LOT 12 BLK 7-A Wellesley Park, Redwood City. Millard L. and Agnes M Page to whom it may concern	Dec 14, 1922

LIENS FILED

SAN MATEO COUNTY

Recorded	Amount
Jan 5 1922—LOT 6 BLK 5 WESTern Add San Mateo, San Mateo Planing Mill Co. vs George Harding Chas G Adams	$552.83
Recorded	Amount
Jan 6 1923 LOT 12 BLK 10, Burlingame Grove Tract, Burlingame, Burlingame Lumber Co vs Henry Eaton	$457 32

Decl zr l vbgkqj cmfwyp hrdln

BUILDING CONTRACTS

CONTRA COSTA COUNTY

DWELLING 1 story frame, $2500; W 12th st Seven & Barrett; owner, N E Anderson, 2930 Roosevelt Ave Richmond

SEWERS, STREET WORK, ROADS & WATER SYSTEMS

(Continued from Page 19)

LOS ANGELES, Cal.—M. Simunovich, 2705 W 66th St., Hyde Park, submitted only bid to board of public works at $4237 for const. sewer in Darlen St., bet. Cahuenga Ave. and Holly Trail.

Martin Culjak, 367 Cornwall St., low bidder at $2925 for const. sewer in 14th St., bet. Gaffey and Parker Sts. Other bids were: Martin G. Brkvich, $3820; M. Simunovich, $3985.

P. J. Akmadzich low bidder at $2260 for const. sewer in Gramercy Pl., bet. Jefferson St. and 35th Pl. M. Simunovich bid $2561.

Martin Culjak, 367 Cornwall St., low bidder at $6545 for const. sewer in Mercury Ave., bet. Beryl St. and Reynolds Ave. Other bids were: Mike Radich, $8440; Nick Bebek, $8700; Martin G. Brkich, 8720.

Martin G. Brkich, 1506 pleasant Ave., awarded contract at $2460 for const. sewer in Palos Verdes St., bet. Sepulveda and First Sts.

SAN FRANCISCO—City Eng. M. M. O'Shaughnessy completes spec. to construct 8700 sq. ft. art. stone walks in Latona St., Bay View and Thornton Ave est. cost $1575.

SANTA ANA, Cal. — Water Works Supply Co., Wright and Callender Bldg. Los Angeles, submitted only bid to council at approx. $38,000 for supplying odelivery and erection at Santa Ana of two sewerage screens to be of disc type, each ten feet in diameter, and complete with rotary brushes, structural steel operating bridge, hand rails, sump pump and direct connection motor, cast iron discharge pipe for the feeds and valves. The bid was referred to W. G. Knox, city engr., for report at joint meeting on sewer outfall, January 15.

MODESTO, Stanislaus Co., Cal.—N. M. Ball, Portervlle, at approx. $138,912 awarded cont. by supervisors to pave 7.15 mi. bet. Westley and Stanislaus county line; will be conc. 5-in. thick at center and 7-in. thick on sides; 16 ft. wide.

A. Teichert & Son, Ochsner Bldg., Sacramento, at approx. $61,732 awarded cont. to construct. 3.13 mi. of asph. conc. highway bet. Oakdale and Escalon.

NEWMAN, Stanislaus Co., Cal.—City trustees contemplate extensions to city sewer system. W. R. Sherman, town eng.

VALLEJO, Solano Co., Cal.—City council contemplates imp. of Branciforte St., bet. Georgia and Maine. T. D. Kilkenny, City Eng.

DAVIS, Yolo Co., Cal.—Petitions will be circulated asking city trustees to pave main streets in business section to connect with the state highway.

EUREKA, Humboldt Co., Cal.—County Surv. A. J. Logan has completed spec. and bids will be asked shortly to imp. Humboldt Hill road to the golf links. $20.

OAKLAND, Cal.—City Council, E. K. Sturgis, Clerk, awards following contracts, work under 1911 Act:

Batest & Borland, Bank of Sivings Bldg., Oakland, portions of 30th Ave., grading, $.045; conc. curb, $.70; conc. gutter, $.24; oil macadam pavement, $.115.

Bates & Borland, Tyrrell St., bet. 47th and Courtland Aves., excavation, $1.25; conc. curb, $.76; conc. gutter, $.25; oil macadam pavement, $.115; cem. walks, $.17.

Bates & Borland, Madeline St., bet. Laguna and Peralta, excavation, $1.20; conc. curb, $.75; conc. gutter, $.25; oil macadam pavement, $.115; cem. walks, $.17.

Oakland Paving Co., 5000 Broadway, Oakland, portions of Angelo Ave., grading, $.058; conc. curb, $.73; conc. gutter, $.23; oil macadm pavement, $.115; cem. walks, $.18; 8x24-in. corru. iron and conc. culvert, $6.10; handholes.

OAKLAND, Cal.—City Council, E. K. Sturgis, Clerk, declares intention to const. cem. walks, 6 ft. wide, in portions of Foothill Blvd. and 21st St. 1911 Act. Protests Feb. 1. W. W. Harmon, City Engineer.

VENTURA, Cal. — County Engineer Charles Petit preparing plans for the ne wroad into Wheeler Springs.

SANTA BARBARA, Cal.—Until 7:30 p. m., Jan. 18, bids will be received by council to improve Gutierrez St., bet. Milpas and Around the Ctiy Blvd., by grading, const. combined conc. curb and 8-ft. gutters, single curb, conc. driveways; 1911 Act.

RENO, Nevada—Southern Pacific Co. notifies council it will proceed with paving grade crossings of Virginia and Lake Streets and fill in with gravel the track side area to meet the city's paving of Ralston street; est. cost, $31,000. Harry Chism, city eng. of Reno.

SAN FRANCISCO — Supervisors authorize appropriation of $40,000 to reconstruct Howard St., from 5th street westerly, work to be done by Street Repair Department. M. M. O'Shaughnessy, city eng.

LOS ANGELES, Cal.—Warren Const. Co., 629 Cit. Natl. Bank Bldg., L. A., awarded contract by board of public works at $2568 to pave San Marino St. bet. Gramercy Pl. and Wilton Pl., involving 8500 sq. ft. grading to finished subgrade at 5c ft.; 8500 sq. ft. Warrenite-bit. paving at 25c ft.; 58 sq. ft. conc. gutter at 33c ft.

SEATTLE, Wash.—Independent Asphalt Paving Co., Seaboard Bldg., at $219,094 awarded contract by Spokane County Commissioners to pave 8.7 mi. of 20 ft. highway with 7-in. conc. with longitudinal expansion joints running from the present Trent road paving to the Idaho state line.

INGLEWOOD, Cal. — C. W. Sparks, 433 San Fernando Bldg., Los Angeles, awarded contract by trustees to pave alleys running through tract 879 and a portion of Market St., involv. 14,304 sq. ft. grading at 9.5c ft., 14,304 sq. ft. 5-in. cem. conc. pavement at 25c ft.

HOLLISTER, San Benito Co., Cal.—Eng. Clyde F. Smith, 7 Nottingham St., Berkeley, commissioned by town trustees to prepare spec. for sewage disposal plant, along lines recommended by the State Board of Health. Bonds will be voted to finance the project.

SOUTH PASADENA, Cal.—Sidney G. Smith, 2025 Bay St., Los Angeles, was awarded contract by city comm. for laying cast iron water pipe as follows: 4000 ft. 4-in. at 45c ft., 1000 ft. 6-in. at 60c ft., 3200 ft. 8-in. at 70c ft., 1600 ft. 10-in. at 75c ft.

WATSONVILLE, Santa Cruz Co., Cal.—T. S. MacQuiddy, clerk, Watsonville Union High School District, authorized to secure estimates to construct hand ball courts and grade and surface portion of grammar school grounds. Bids for fencing the courts will be asked immediately.

BUSINESS OPPORTUNITIES

Further information regarding these opportunities may be had from Foreign Trade Bureau, Chamber of Commerce, Merchants Exchange Bldg., San Francisco:

6629 — Solingen, Germany. Big German cutlery manufacturers desire to make connections with responsible San Francisco dealers. Their 150-page catalogue covering knives, scissors, razors and barbers' supplies may be consulted by interested San Francisco firms.

6630 — Gera-Reuss, Germany. Firm handling electric motors for continuous alternate and three-phase current, desires to distribute its machines in San Francisco.

6631—Buenos Aires, Argentina. Concern handling hardware and construction materials seeks to represent manufacturers in the Argentine.

6632 — Shanghai, China. Importers wish to be placed in communication with manufacturers of machinery and tools necessary for the manufacture of glass bottles.

Building & Engineering News

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Published Every Saturday
Twenty-third Year No. 3

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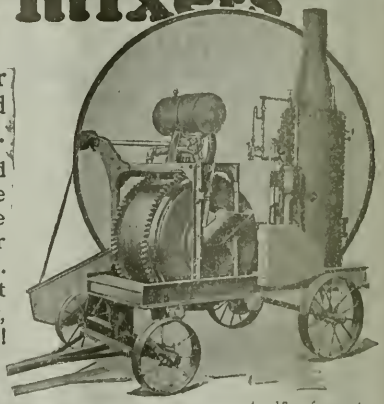

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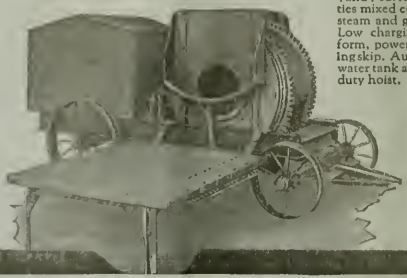

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Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

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CONCRETE PAVING COSTS SHOW DROP

For the first time in six years, bids for concrete pavement in Pierce County, Washington, for less than $2 a square yard have been received, according to James R. O'Farrell, county commissioner.

Two bids of $1.89 and $1.90 per square yard were received by the commissioners on contracts for paving the Buckley-Summer road. This, the commissioners believe, is one of the most favorable signs of returning normalcy in business indicated in recent months.

The contract for the Buckley-Sumner paving, known as Bond Road No. 8, was awarded to J. H. Collier & Co. of Spokane with a bid of $57,797.65. This amount, Commissioner O'Farrell says, is $12,000 less than the fund of $70,000 available for this purpose. There are 3.01 miles of paving to be done on this road. The two next lowest bids, one of $59,771.98 from George T. Warren of Seattle and another from S. A. Morceri of Tacoma for $58,887.80, are being held in reserve by the commissioners.

Four bids for .47 mile of concrete paving on Alexander avenue, near the Todd shipyards, were received, with the contract given to George T. Warren on his bid of $10,665.30. S. A. Moceri was the second lowest bidder with $11,134.60. The budget provided $13,000 for this paving.

SEEK SUPPORT FOR MODOC NORTHERN RAILROAD

The cities of Reno, Los Angeles and the Weyerhaeuser Timber and Long-Bell lumber firms have been asked by the Klamath County Chamber of Commerce to support Klamath Falls at the hearing before the railroad commerce commission with the association of the Oregon Lumber Service Commission for construction of new railroad lines in southern and eastern Oregon.

A Klamath Falls delegation will present facts tending to show the feasibility of building the Modoc Northern Railroad from Klamath Falls southward to Westwood, joining there with the branch from Reno. The petition to be urged by the state commission includes extensions from Chico, Reno, Kirk and Lakeview but not the Modoc Northern.

Reno and Los Angeles would benefit through coastwise rates of the Modoc Northern, it is held, through the routing of lumber shipments through Reno southward to Los Angeles and eastern markets. Both cities have expressed interest in the Klamath Falls proposal and, it is believe, will have delegations at the hearing. The lumber firms, it is said, recognize the value of an eastern and southern outlet for lumber products which will eliminate, in the case of eastern shipments, the drop down into the Sacramento valley and the return climb over the Sierra Nevada mountains.

It has been estimated that the Modoc Northern would provide an outlet for 5,000,000,000 feet of pine timber in the territory between Klamath Falls and Westwood, as well as for shipments from Klamath Falls. In addition a vast new fertile farming area would be given an outlet, resulting in increased shipments of livestock and farm produce and ultimate development of a new Southern Oregon-Superior California empire.

Neither the Southern Pacific nor the Union Pacific have shown willingness to consider at the present time construction of the Modoc Northern. Furthermore, officials of both roads, both at the Pacific Coast and at the Washington hearing on the Southern Pacific application to retain control of the Central Pacific are said to have given evidence of having little knowledge of the potential tonnage in the territory in question. For this reason the Klamath Falls delegation is prepared to lay facts before the commission at Portland with view to securing a more complete examination of Klamath's claims and ultimate construction of the road.

GOOD ROADS MEMBER UPHOLDS STATE HIGHWAY SYSTEM

W. S. Clayton, director of the State Good Roads Bureau and president of the First National Bank of Stockton, believes that the new members of the California State Highway Commission have jumped at conclusions too hastily in making their report that many contracts for highways would have to be cancelled on account of lack of funds.

In a statement Clayton touched on the subject in the following words:

"The work of the highway commission is a tremendous proposition, and it is only natural that a new board composed of men might jump at conclusions which they would modify after more thorough adjustment of affairs.

"I read and heard a statement [illegible] they were about to [illegible] their offices, and it is permissible to give them the credit that they would not intentionally make misstatements — and according to their statements, there is [illegible] deplorable financial situation [illegible] would be led to believe.

"[illegible] when the bookkeeping [illegible] have been carefully analyzed the new commission will find [illegible] will be able to complete all [illegible] contracts that have been [illegible] It is also to be expected that there will be some delay necessary on account of the changes made during the past few days.

"[illegible] the very highest opinion [illegible] judgment of the new [illegible] and after the necessary delay [illegible] to be expected, we believe they will satisfy the demands of the public [illegible] possible under the circumstances. So much has to be done that everyone knows there will have to be another bond issue, even before the present program is completed."

NORTH FORK ROUTING FEATHER RIVER HIGHWAY ABANDONED

At a recent meeting of the California State Highway Commission, action taken in October, 1921, adopting the North Fork of the Feather River as the routing for the Oroville-Quincy branch of the state highway system, was formally rescinded.

The action of the commission was based on facts developed by the survey of the canyon route, which the commission declares, revealed the North Fork routing does not conform to the mandate of the bond issue for construction "by the most direct and practical route."

The action of the commission was embodied in the following order:

"It appearing that the survey of the proposed highway up the North Fork of the Feather River connecting Oroville and Quincy have shown that the cost of such a road built to standard width would be approximate $7,000,000 with $1,000,000 in the bond issue for its consummation; that the conditions as imposed by the United States Bureau of Forestry as a prerequisite to the use of Federal funds on this road would unduly obligate and commit California's share of these funds for many years to come to the disadvantage of the state; that the construction of the highway up the North Fork of the Feather River involves complications almost of solution with the Western Pacific Railroad and the Great Western Power Company which have certain established rights in the canyon secured by prior occupancy, with the possibility of damage actions involving large sums; that the maintenance of the proposed highway up the North Fork would be excessively heavy; it, therefore, appearing that the surveys along the North Fork of the Feather River have shown that the route does not conform to the mandate of the bond issue for construction along 'the most direct and practical route.'"

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

An order for members of the California State Highway Commission to show cause why they should not be cited for contempt for alleged violation of road-building agreements through the Rindge Rancho, in the Malibu, north of Santa Monica, has been obtained in the Second District Court of Appeal at Los Angeles by attorneys for the Marblehead Land Company, the corporation under which owners of the ranch operate it. Alleged violations of agreements included dectarations that the road was less than twenty-two feet in width; that a stipulated number of bridges over canyons on the property had not been constructed; and that the use of the ranch as a range for sheep and cattle had been nullified.

The California Association of Highway Patrolmen has selected San Diego as the meeting place of the semiannual convention and Fresno as the next annual convention meeting place. The convention, held in San Francisco, closed with the election of the following officers: A. A. Morrison, Modesto, president; Otto Landis, Sacramento, vice president; Fred Lotsey, San Francisco, vice president; C. F. Picket, Madera, vice president; S. McCluskey, Madera, secretary; Clifford Sayer, Fresno, treasurer and J. P. Shoemaker, Stockton, sergeant-at-arms.

L. J. Moore, executive engineer for the San Joaquin Light & Power Corp., Fresno, will leave shortly for New York City to attend the annual convention of the technical section of the National Electric Light Association. Moore intends to be absent from the city, visiting factories at Mansfield, O.; Pittsburgh, and Baltimore, returning by way of Niagara Falls, where he will inspect the power house. Standardization of production, materials and factory methods is sought by the technical experts at this conclave.

R. H. Hooper, doing business as the Hooper Office Equipment Company, 716 Mission street, San Francisco, was declared to be an involuntary bankrupt in a petition filed by his creditors in the Federal Court. The petition asserts that Hooper abandoned his assets and then disappeared. The property, according to the petition, is valued at about $4000. The court was asked to appoint W. M. Johnson as trustee, with orders to continue the company's business. The matter will be determined January 22.

The next few years will see vast development in the water resources of California, according to prediction made in the annual report of the division of water rights of the state department of public works. Permits issued in 1922 numbered 296, and 229 filings were rejected. There are 955 applications still pending.

The Southern California Edison Co. suffered a loss of approximately $1,000,000 when a fire swept through the company's $3,000,000 Eagle Canyon plant. The station was constructed in 1912 and was the main distributing center for the Edison company's Big Creek system and was recognized as one of the largest plants west of the Mississippi.

The Beckwith Park Lumber Co., of Plumas has filed suit at Sacramento for $13,207 damages against W. D. Thomas and A. L. Brown. The company aleges the defendants contracted to purchase an entire season's lumber cut, aggregating 1,000,000 feet. It is charged the defendants refused to buy 647,728 feet, making it necessary to sell the lumber for $20.39 less per 1000 feet than was stipulated in the contract.

Reports from Sacramento are to the effect that Governor Richardson will refuse to appoint R. F. McClellan, Los Angeles county supervisor, as a member of the State Highway Commission. It is said the Governor has confirmed the appointments of Harvey M. Toy of San Francisco, as chairman of the commission, and Louis Everding of Eureka as a member. McClellan was previously announced as the third member.

Llewellyn Iron Works, of Los Angeles, announces that the capital stock of the company has been increased from $1,500,000 to $5,000,000 to care for a rapidly growing business. Reese Llewellyn is president of the company. Other directors are: Walter Taylor, Wm. Llewellyn, Milton Baruch, D. E. Llewellyn, John Milner, Benjamin Harwood, J. M. Hale and Winifred L. Milner.

Ariss-Knapp Co., Inc., general contractors, have moved from 1041 Thirty-eighth street to 961 Forty-first street, Oakland.

The Gazelle Lumber Co., owned by Los Angeles capitalists, has acquired timber rights on the Osgood and Parker ranches west of Gazelle, Siskiyou County, and is setting up a lumbering camp. The company proposes to install a two-band saw mill with a daily capacity of 50,000 feet. A box factory is also contemplated.

The Alley Brothers Lumber Co., capiatlized at $50,000, has been organized at Santa Monica by F. R. and H. J. Alley and B. O. Brown.

Purchase of the canning machinery and canners' supply business of the Berger & Carter Company, of San Francisco, Portland and Los Angeles by the Anderson-Barngrover Manufacturing Company of San Jose is announced by the latter company. The Berger Company will continue its iron, steel and machine tool business.

The Department of Commerce announces that reports show a decrease of 8.8 per cent in the activities of establishments engaged in the manufacture of lime during 1921, as compared with 1919.

H. C. Bottorf, for the past eighteen months City Controller of Sacramento, has been appointed City Manager of that city, succeeding Clyde L. Seavey, who resigned to become a member of the California State Railroad Commission.

The Itix Compress Air & Drill Co., announces the opening of quarters in the four-story structure at 505 Howard street. The company manufacturers and carries in stock a compete line of compressed air machinery.

A. H. Jongeneel, vice-president and general manager of the Redwood Manufacturers Company at Pittsburg, Calif., has resigned and will leave for an extended tour of the East. W. M. Casey, general sales manager of the company, will fill the vacancy.

Ben Kuppenbender, representing the Fay & Egan Co. of Cincinnatti, manufacturers of woodworking machinery, will open a branch office in Seattle, Wash. The main coast office of the concern is located in San Francisco. A branch office is also maintained at Portland, Ore.

According to word from Vallejo, Cal., the Vallejo Builders' Supply Co., has received a contract to furnish 150,000 feet of airplane spruce to the U. S. Government plane factory at Philadelphia. The contract totals approximately $31,000 and is the first of its kind to come to Vallejo.

The Fresno city council will call an election to vote bonds of $300,000 to purchase additional fire equipment and erection of new fire stations.

James M. Cremin, retiring state printer, has been appointed a member of the California State Reclamation Board to serve a four-year term.

Floyd A. Naramore and Frederick Menke, architects, announce the opening of offices under the name of Naramore and Menke, at 631 Central Bldg., Seattle, Wn.

The current issue of "Milestones," a publication issued by the Monarch Tractors Incorporated, Watertown, Wis., contains a description of their six cylinder tractor, production of which has just been announced, and also carries a story of the tractor that crawled from Watertown, Wis., to New Orleans, La.

Henry J. Christensen and R. V. Wood, construction and consulting engineers, announce the removal to new and larger offices at 505 Seventeenth St., Oakland.

A. H. Dimock, Central Bldg., Seattle, consulting engineer and former city engineer of Seattle has been recommended to the Municipal Water Board of City of Bellingham, Wash., to take charge of an investigation and survey which will be started in the immediate future on the water situation in Bellingham.

Petitions are being circulated in Solano county seeking the establishment of a $500,000 junior college.

The total exports of boards, planks and scantlings for October amounted to $110,152,000 board feet, an increase of 3,209,000 feet over the preceding month, September, according to the Lumber Division of the Department of Commerce. This increase was most apparent in the exports of Douglas fir, which totaled 39,041,000 feet, Japan taking almost twice the amount taken during September, and Peru showing a considerably increased demand. Shipments of this lumber to the United Kingdom, however, were only one-fifth as large as during September, October exports amounting to 756,000 feet.

HOLLOW TILE INVESTIGATION OF U. S. BUREAU OF STANDARDS

An investigation of the fire-resistance and related physical properties of hollow tile has been conducted by the U. S. Bureau of Standards during the past two years in cooperation with the Hollow Building Tile Association. A furnace, suitable for making fire tests of small panels up to 4 ft. square was built and tests of unprotected panels built from tile of representative clays have been made in order to establish characteristic behavior under fire. A wide range in fire resistance was found, depending mainly on the mineral composition of the clays employed. As a possible means of increasing the resisting properties, grog additions up to 10 per cent were tried, but it was found that the small addition which can be conveniently made in manufacturing practice had no effect, and that additions of 5 per cent or more decreased the fire resistence. The protection afforded by typical plasters has been determined, obtaining, generally, excellent results. The effect of the addition of combustible filler to the raw material, of the fineness of grinding of the unit and of changes in design of the tile, will be ascertained.

In conjunction with the fire tests, determinations of the absorption, compressive strength, expansion, mineralogical composition, and ability to withstand freezing are being made. Several different methods for determining the absorption were tried, and as a result saturation of the specimens by boiling 5 hours and allowing to soak in water at room temperature for at least 1 hour before taking the saturated weight, was adopted as giving the most practical and consistent results for inspection work. This part of the investigation has been reported in a paper on "Effectiveness of Different Methods of Making Absorption Determinations" in Vol. 5, No. 11, of the Journal of the American Ceramic Society. The method of preparing tile for compressive strength tests was studied in a series of tests in which tiles with various caps at ages from 1 hour to 7 days, were used. The results, according to a Technical News Bulletin of the Bureau, indicated that a cap of 3 parts of Portland cement to 1 part of unretarded gypsum (plaster of Paris) at the age of 7 days gives the highest and most consistent strengths.

HOUSING DRAFT COMPLETED

A State-wide building boom in apartment houses and hotels will ensue with the passage by the State Legislature of the new housing act, according to members of the State Immigration and Housing Commission and the Housing Institute, who have given final approval to the proposed legislation. J. J. Backus, chief building inspector of Los Angeles, chairman of a committee appointed to draft the act, reported that a study of the three existing housing laws had been made and that the revised code is now ready for review by the Legislature.

NATIONAL FOREST ROADS

A total of $34,542,062 has been appropriated by the Government to the States for roads and trails within or adjacent to the National Forests. Total expenditures of federal and co-operative funds amounting to $22,216,724 have already been disbursed. To date 4786 miles of road and 6711 miles of trail have been constructed and 8744 miles of road and trail have been repaired and improved.—U. S. Forest Service.

Cincinnati Grants Flat Wage Increase

An increase of 15 cents an hour for seventeen classes of building mechanics who are parties to the agreement has marked the culmination of over two months of discussion and parleying by the Cincinnati Wage Board. This new agreement reaches all of the southwestern part of Ohio as well as a number of counties of northern Kentucky contiguous to Cincinnati. It took effect December 23, supplanting the old scale of wages which expired on that day, is one of the first new wage scale agreements to be adopted in the country, and carries significance in that the general trend is decidedly upward.

The new schedule is made to cover a period of thirteen months instead of the calendar year, so that neither contractors nor trade unions will have a permanent seasonal advantage when the scale is to be revised. Thus, under this plan, new decisions six years from now will be made in July.

The new contracts between the Associated Building Industries and the seventeen crafts, parties to the board, call for an additional increase of 5 cents an hour. The thirteen months are divided into three periods, two of four months each, and the last of five months, and the agreement provides that beginning with the second period, April 24, a further increase of 5 cents an hour will be made. A similar raise is provided for Aug. 24.

Terms, as finally agreed upon after weeks of discussion, are a compromise between the wages asked for by the unions and those embodied in the old contracts. A demand for a flat increase of 25 cents an hour was reduced to the 15 cents granted. The crafts, parties to the agreement, are electricians, gasfitters, hoisting engineers, lathers, ornamental iron workers, plumbers, roofers (slate and tin), steamfitters, structural iron workers, cement finishers, fixture hangers, pipe finishers, fixture furnace workers, sheet metal workers, rod workers, hod-carriers, and composition workers. Common labor is also included.

Carpenters, bricklayers, plasterers and elevator constructors are not members of the Wage Board. Separate agreements are reached by each of these organizations, although in many instances the employers are parties to the board. Votes are being taken now by these crafts on proposals, submitted by the Builders' Association, which are similar to those accepted by the other crafts, and the same scale, it is predicted, will be adopted by these trades—a compromise between the 25 cents an hour asked and the old wage scale.

The Cincinnati Wage Board was organized two years ago and has served as a model for similar arrangements in other parts of the country. An article in its constitution provides that there shall be no increase or decrease for any single craft, but that any increase or decrease shall apply to all parties to the board organization.

Officers of the board are representative of both the building mechanics and the contractors.

Tyler Field, vice president of the Ferro Concrete Construction Company, is president of the board; Fred Hock, president of the Building Trades Council, is vice president, and Joseph Cullen, business agent of Electrical Workers Union No. 212, is secretary.

In spite of the increase, the wage fixed is said to be below rather than above the average of other cities. This is thought to be justified, however, because the cost of living in Cincinnati is lower. On the other hand, with several other cities paying higher wages, difficulty has been encountered in attracting good mechanics to the Cincinnati section.

The Building Trades Council, representing all the labor crafts, is free in stating that far from the increase of wages implying an increase in cost of construction, it will rather result in a decrease because of the better feeling it will engender and the consequent stimulation of effort. It has been contended by some statisticians and economists, ever since the termination of the war, that the trouble with the construction industry today is not that labor's wages are too high, but that there has been a lack of harmonious relations.

Increased efficiency and desire to work must prevail, it was said. The Wage Board, in its decision, gave these problems serious consideration, and the result was an agreement which in the opinions of the parties involved was a good bargain, just and equitable, to capital, contractors, investors, and labor.

The new and the old scale of wages appear in the table following. That of common labor is not given, but will be 45 cents an hour to June 24, and 50 cents thereafter up to January 24, 1924, which represents an increase of 10 cents an hour.

Cincinnati Wage Scale—The New and the Old

	Dec. 24, 1922 to Apr. 24, 1923	Apr. 24, 1923 to Aug. 24, 1923	Aug. 24, 1923 to Jan. 24, 1924	Old Scale
Cement finishers	$0.92½	$0.97½	$1.02½	$0.87½
Composition roofers	.75	.80	.85	.70
Electricians	1.00	1.05	1.10	.95
Fixture hangers	.92½	.97½	1.02½	.87½
Furnace workers	.85	.90	.95	....
Gasfitters	1.00	1.05	1.10	.95
Hoisting engineers	1.00	1.05	1.10	.95
Hodcarriers	.77½	.82½	.87½	.72½
Lathers	1.00	1.05	1.10	.95
Ornamental iron workers	1.00	1.05	1.10	.95
Pipe coverers	.92½	.97½	1.02½	.87½
Plumbers	1.00	1.05	1.10	.95
Rod workers	.50	.85	.90	.75
Roofers (slate and tile)	1.00	1.05	1.10	.95
Sheet metal workers	.85	.90	.95	.80
Steamfitters	1.00	1.05	1.10	.95
Structural iron workers	1.00	1.05	1.10	.95

GARBAGE COST HIGHER

While San Francisco's garbage collection, done under private contract, cost approximately $1,250,000 in 1922, Seattle's cost about $400,000, according to Charles L. Murray of the Seattle garbage division, who recently returned to that city from a tour of inspection in California. "The tonnage collected in San Francisco was no larger than that collected in Seattle from a much larger area," said Murray. "San Francisco is more congested than Seattle and it takes a shorter time to pick up a load of garbage. San Francisco operates forty motor trucks in addition to teams."

ORGANIZATION NEWS

PORTLAND BUILDERS HOLD ANNUAL MEETING

The annual meeting of the Portland, Oregon, Builders' Exchange was held January 10 in the Crystal Room of the Benson Hotel with an attendance of 130. D. L. Hogan, the president, presided and the reports of officers showed that the Exchange had had the most successful year of its existence, both as to morale and influence.

The election of directors resulted in the following eleven being chosen:

Buebke, Chas. M., ornamental iron.
Feigenson, Wm. H., general contractor.
Fitzhugh, C. C., master painter.
Hoggan, D. L. contracting plasterer.
Larsen, Robt. W., contracting electrician.
Parelius, M. R., general contractor.
Stebinger, C. M., general contractor.
Wallace, Robt., general contractor.
Williams, D. S., master plumber.
Wynkoop, F. E., sheet metal contractor.
Kerr, J. T., material dealer

The Exchange has a large program outlined for the coming year. The quarters in the Worcester block will be overhauled and extensively renovated.

The newly elected Board of Directors, organized by electing the following officers: C. M. Stebinger, president; D. S. Williams, vice president; Robt. Wallace, recording secretary; F. E. Wynkoop, treasurer

The following standing committees for 1923 were appointed:

Finance—F. E. Wynkoop, chairman; D. L. Hoggan, Chas. M. Buebke.

Membership—J. T. Kerr, chairman; Robt. W. Larsen, Robt. Wallace.

Arbitration—M. R. Parelius, chairman; Wm. H. Feigenson, D. S. Williams.

Rooms—C. C. Fitzhugh, chairman; J. T. Kerr, Chas. M. Buebke.

Entertainment—A. W. Stanchfield with power to choose assistants

PALO ALTO BUILDERS ORGANIZE

General contractors and sub-contractors of Palo Alto have taken steps toward an organization of the Palo Alto Builders' Exchange, with an initial membership of twenty-eight individuals and firms.

George Bertsche was elected temporary chairman, C. H. Christensen temporary secretary and Hans Hansen temporary treasurer.

Betterment of conditions for the building trades, particularly with respect to coping with labor situations, is to be the leading object of the organization.

The exchange will meet again shortly when a full statement of objects will be drawn up.

OAKLAND BUILDERS' EXCHANGE HAS NEW MANAGER

E. W. Shaw, until recently with the K. A. Davis Manufacturing Company, has been appointed secretary-manager of the Builders' Exchange of Oakland. Shaw succeeds William E. Hague, who resigned to enter the insurance business in San Francisco.

The builders' Exchange has had a large growth in membership during the past year. It is now under the guidance of new officers, who are: L. M. Tilden, president; S. D. [illegible], first vice president; T. D. [illegible], second vice president; and L. C. [illegible], treasurer.

Sacramento Builders' Exchange Holds Annual Goose-Stew; Prize Awards

The annual goose stew of the Sacramento Builders' Exchange was held Thursday evening, January 11, in the Native Sons Hall, Sacramento. About 300 members and guests attended and, as usual, the Capitol City boys put the affair over in fine shape. Exchanges from Stockton, Vallejo, Richmond, Oakland, San Francisco, and Reno, Nevada were represented in addition to architects from Central California points.

C. F. Vining introduced the Toastmaster, A. W. Norris, president of the Sacramento Exchange following which the "stew" was served to the accompaniment of a musical program. Between times speakers were called upon and these furnished those present with the latest accomplishments in the building line. The usual one hundred per cent talent was furnished by the Sacramento boys.

A. S. Dudley secretary-manager of the Sacramento Chamber of Commerce was the first speaker and told of the accomplishments of the building fraternity in and about Sacramento and what the Builders' Exchange, as an organization has done to better the building industry in that section.

C. D. LeMaster president of the Western Planing Mill and Wood Working Association of Fresno, advised the members of the latest developments in the building business in Northern and Central California and points as far as Nevada and Texas. Le Master's main point in his talk, however, was "Organization."

C. A. Knight, secretary-treasurer of the Reno, Nevada, Chamber of Commerce in a fearful talk advised the members of the organization of the Reno Builders' Exchange, of the conditions which existed in that territory prior to organization and the accomplishments since its perfection. He urged cooperation in every branch of the industry.

Chas. W. Clapperts, past-president of the San Francisco Builders' Exchange, talked on the building business in San Francisco and the Bay Cities and revealed the progress of the industry in these sections under the American Plan policy.

Buddy Wilson, of Stockton, and Mr. Williams of the Marysville Exchange, were other speakers. Jack Stafford, of the Geo. C. Pellon Co., Sacramento architects, was story teller for the evening.

On the plate of each guest was a pencil with pick attachment donated by the W. P. Fuller Co., and the Friend and Terry Lumber Company also distributed pencils. Thermometers were distributed by the Electrical Supply Company. Whistles were furnished by the Sacramento boys for noise purposes.

Credit for the success of the affair is due to the cooperation of the committees in charge, which follow:

Committee of Arrangements: Frank Dixon, chairman; J. R. Wilson, L. H. Chapman, G. A. Bertolucci, C. F. Vining.

Hunters Committee: Frank Dixon, chairman; A. W. Norris, W. J. Clifford, C. Chatterton.

Waiters Committee: Billy Clifford, chairman; Andy McGuire, Johnny Lawson, Harry Johnson, Ot Earle, Franky Futterer, Tommy Scollan, Harry Adams, Tommy Flynn, I. J. Harvey, Elly Rackliffe.

Duck Pickers Committee: Members of this committee refused to submit names for publication.

Following is a list of prize awards made possible by the contributions of members of the industry:

Truck load "clean sharp" sand donated by Clarence "Sand" Pratt, won by Sam Dudley, general contractor, delivered by Andy McQuire.

One steel sash window frame, donated by Tommy Scollan, of the Truscon Steel Co.; won by Johnny Lawson, plumbing contractor.

Truck load "wonderful American River Gravel" donated by American River Sand & Gravel Co.; won by G. H. Murray, of the Bowman Hardware & Implement Co.

One "sweetheart" mirror; donated by Tom Cain, glass and glazing; won by Casper V. Schneider, manager of the Electrical Supply Co.

One "Disston" cross cut saw; donated by the Bowman Hardware & Implement Co.; won by T. G. Mapel, of the Cannon Co.

One Peerless Ironing Board; donated by Walter E. Zerweck, of the Marshall-Stearns Wall Bed Co.; won by Frank Stepanek, of the Mosaic Floor Co.

One setting of White Leghorn eggs; donated by John M. E. Morrill, general contractor and manager Elmhurst Poultry Farm; won by A. E. Pierson, hardwood floor contractor.

Paint and paper one room; donated by W. L. Tripplett, painting contractor, and schneider, Chappell & Jones, paints, oils and wall paper; won by H. R. Roluss, of Crane Co.

Three rolls of 3-ply roofing paper; donated by Lovett & Young, roofing contractors; won by M. Fratis, general contractor.

1000 shingles; donated by Knox lumber Co.; won by J. Mendenhall, of Latourrette-Fical Co.

One "sweetheart" mirror; donated by Tom Cain, glass and glazing; won by J. E. Odgers, of the Daily Pacific Builder, San Francisco.

One setting of Rhode Island Red eggs donated by John M. E. Morrill, general contractor and manager of Elmhurst Poultry Farm; won by Paul Bernardis, of the Capital City Planing Mill.

WASHINGTON STATE ARCHITECTS TO MEET

[illegible] for [illegible] convention of the Washington [illegible] chapter of the [illegible] Architects to be [illegible] hearing committee [illegible] will meet Saturday [illegible] Washington [illegible] members [illegible] intention of attending the [illegible]

Architect Wm. B. Faville, of San Francisco Institute of Architects, will attend the meeting and will be the guest of honor. It is planned to hold a business meeting beginning at 10 a. m., and dispose of committee reports and routine business. The afternoon session will be given over to talks on architecture and the problems confronting the architect.

An appropriate evening program is being arranged.

Building News Section

APARTMENT HOUSES

Sub-Figures Being Taken.
APARTMENTS Cost, $70,000
LOS ANGELES, 6th St. and Manhattan Avenue.
Three-story frame apts. 52x109, 30 apts.
Owner—Fuller & Markivitz.
Architect—De Luxe Bldg. Co., Union League Bldg., Los Angeles.

Plans Being Prepared.
APT. HOUSE Cost, $160,000
LOS ANGELES, NE 8th & Catalina Sts.
Four-story and basement class C apt. house 150x120 (120 rooms, 2 & 3-room apartments).
Owner—Chas. Isaacs.
Architect—Walker & Eisen, 325 Pacific Finance Bldg., Los Angeles.

Contract Awarded.
APARTMENTS Cost, $20,000
SAN FRANCISCO. E Taylor 87-6 S Pine Street.
Three-story and basement frame (6) apartments.
Owner—Anne Force, 851 California St., San Francisco.
Architect—None.
Contractor—E. Blankenburg, 105 Montgomery St., San Francisco.

Plans Completed.
APARTMENTS Cost, $15,000
SAN FRANCISCO. N Sutter 104 W Webster Street.
Three-story and basement frame store and apartments.
Owner—B. Ghedelovitz.
Architect—J. C. Hladik, Monadnock Bldg., San Francisco.

Sub-Figures Being Taken.
APT. HOUSE Cost, $16,000
PALO ALTO, Santa Clara Co., Cal., cor. Ramona St. and Everett Ave.
Two-story frame and stucco apt. house (4 5-room apartments).
Owner—Edw. & John Cashel, (Plumbers) 200 Horner St., Palo Alto.

Contract Awarded—Sub-Figures Being Taken.
APARTMENTS Cost, $198,000 approximately.
SAN FRANCISCO. N Market Street E Gough Street.
Six-story Class C reinforced concrete market and apartment house (40 2 and 3-room apts.)
Owner—Jas. B. Gaffney and Raymond A. Luce of the Daylight Market.
Architect — Walter C. Falch, Hearst Bldg., San Francisco.
Mechanical Engineer—A. A. Coddington, Phelan Bldg., San Francisco.
Structural Engineer—Pierre Zucco, 166 Geary St., San Francisco.
Contractor—G. P. W. Jensen, 320 Market St., San Francisco.

Plans Being Prepared.
APARTMENTS Cost, $12,000
SAN FRANCISCO. Balboa St. near Twenty-seventh Ave.
Two-story frame stores and apartments.
Owner—Withheld.
Architect—Ernest H. Hildebrand, 110 Sutter St., San Francisco.

Sub-Figures Being Taken.
APARTMENTS Cost, $111,500
SAN FRANCISCO. NE Sutter and Leavenworth Streets.
Six-story and basement brick and steel (33) apartments.
Owner — L. B. Ham, 105 Montgomery St., San Francisco.

Plans Being Prepared—Cont. Awarded.
APT. HOUSE Cost, $135,000
LOS ANGELES, Shatto Pl near 7th St.
Three-story and basement class C brick apartment house.
Owner—Daniel Murray.
Architect—Monaco & Bordeaux, Bank of Italy Bldg., L. A.
Contractor—Richardson Bldg. & Eng. Co., 1127 Story Bldg., L. A.

Sketches Being Prepared.
APT. HOUSE Cost $300,000
SAN FRANCISCO
Fifteen-story class A apt. house.
Owner—Company of local capitalists.
Architect — Jas. L. Stewart, Claus Spreckels Bldg., S. F.

Plans Being Prepared.
APT. HOUSE Cost, $265,000
SAN FRANCISCO, Western Addition.
Eight-story reinforced concrete apartment house.
Owner—Thos. McDougall.
Architect — Jos. L. Stewart, Claus Spreckels Bldg., S. F.

Plans Being Prepared.
APT. HOUSE Cost, $50,000
SAN FRANCISCO, S Jackson E Broderick.
Four-story reinf. conc. apt. house (6 7-room apartments).
Owner—Dr. John J. Kingwell.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.

Permit Applied For.
APT. HOUSE Cost, $50,000
OAKLAND, Alameda Co., Cal., N 14th St. 140 W West St.
Three-story 42-room concrete apartment house.
Owner—L. W. Wierner, 1111 Broadway, Oakland.
Architect & Contractor — Maury I Diggs, 1907 Telegraph Ave., Oakland.

To be Done by Day's Work.
APARTMENTS Cost, $12,000
SAN JOSE, Santa Clara Co., Cal. Eighth St. near San Carlos St.
Two-story (8) apartment house.
Owner—C. H. Bramkamp, 281 S-11th St., San Jose.

SAN FRANCISCO—The Carlin Grading Co., 180 Jessie St. have been awarded a contract for excavating the lot on the south side of Jackson St., 124-3 E Franklin St. on which a 5-story and basement steel and reinforced concrete apartment bldg. will be erected. Estimated cost $100,000. Edgar Brownstone and I. R. Kissel are the owners, and Bliss & Faville, Balboa Bldg., the contractors. Contracts on the balance of the work will be awarded shortly. (43980) 1st report Oct. 25; 2nd Dec.

LOS ANGELES, Los Angeles Co., Cal.—Architects Russell & Alpaugh, 1106 Story Bldg., Los Angeles, has prepared sketches for a 14-story Class A apartment house to contain 1600 rooms to be erected at Alvarado St. and Ocean View Ave., Los Angeles, for G. G. Gillette. It will cost about $5,500,000. It is understood that it is to be financed by the sale of apartments.

BANKS

Plans Being Figured.
BANK BLDG. Cost. $25,000
LARKSPUR or San Anselmo.
One-story brick branch bank.
Owner—Bank of San Anselmo.
Architect—S. Heiman, 57 Post St., San Francisco.

Preliminary Plans Being Prepared.
BANK & OFFICE BLDG. Cost. $30,000
SAN FRANCISCO, Mission District.
Two-story fireproof bank and office building.
Owner—Withheld.
Architect—Vernon W. Houghton, 275 Post St., San Francisco.

OAKLAND, Alameda Co., Cal. — The McGillvray-Raymond Granite Co., 631 Townsend St., San Francisco, has been awarded a contract for the granite work in connection with the construction of a seventeen-story class A bank and office building from plans prepared by Architects Reed and Corlett Oakland Bank of Savings Bldg., Oakland. $31,125. It is being erected on the east side of Broadway 55 feet north of 12th Street, in Oakland.

SANTA ANA, Orange Co., Cal.—Architects John Parkinson and Donald B. Parkinson, 420 Title Ins. Bldg., are preparing revised plans for a 6-story and basement class A bank and office bldg. to be erected at Santa Ana for the First National Bank of that city. The construction will be changed from reinforced conc. as originally planned to steel frame. Edward C. English, Cit. Nat. Bank Bldg., will erect the bldg., will erect the bldg. on a percentage basis; cost $450,000. The first story and basement will be occupied by the banking room and safe deposit department. Each of the upper stories will contain 18 offices. Dimensions, 100x75 ft., structural steel frame, brick filler walls terra cotta facing, plate glass windows, hardwood inter. finish, reinf. floors, marble and tile work, steam heating, bank fixtures, vaults.

BONDS

HUNTINGTON BEACH, Cal.—City trustees will call bond election to vote on a $300,000 issue for completing the city's portion of the state highway which runs through the city. City Egr. Louis F. Gates reports that there are 3 mi. (on Ocean Ave.) of the Huntington Beach-Long Beach road within the city limits of the former city, and estimated to cost about $270,000. The lighting system will cost $20,000. The road work is divided into three sections: the first from west city limits to 23rd St. requiring grading 20 ft. wide, culverts, and sewers; the second, from 23rd St. to First St., 60 ft. wide with lighting system; the third, from First St. to the city limits, 20 ft. wide and conforming to state highway.

SANTA ANA, Orange Co., Cal.—Anglo California Trust Co., San Francisco, has purchased the $250,000 high school bonds and the $150,000 common school bonds. The bonds bear 4½% interest, and brought a premium of $375 for the high school bonds and $275 for the latter. The Board of Education plans to erect a junior high school and additions to grade schools throughout the city.

HUNTINGTON BEACH, Orange Co., Cal.—Trustees of grammar school Dist. have called an election for Feb. 3, to vote on a $250,000 bond issue for a new grammar school building.

FRESNO, Fresno Co., Cal.—City Commissioners will call election to vote bonds of $300,000 for new fire stations and equipment; in addition to buildings issue will provide funds as follows: Three 750 gal. combination hose wagons, $39,000; City Service truck, $10,500; squad car, $9,000; 12,800 ft. 2½-in. hose, $12,800; 400 ft. 3-in. hose, $6,400 and 2,400 ft. 1½-in. hose, $1,500; completion of fire alarm system, $50,000; one 1200-gal engine, $14,000.

BEAUMONT, Cal.—The $75,000 bond issue for paving the city streets carried at the recent election.

OROVILLE, Butte Co., Cal.—The Board of Directors of the Oroville-Wyandotte Irrigation District have ordered a $700,000 block of bonds sold on February 15th.

This is the first block of $2,000,000 in bonds recently voted by the district, and the proceeds are to be used in acquiring the South Feather Land and Water Company and Palermo Land and Water Company, and for preliminary construction on a proposed dam.

GLENDALE, Los Angeles Co., Cal.—A bond election to provide $447,675 for new buildings and additions for grammar school district is being arranged by the Board of Education; the citizens advisory committee reports needs as follows:

Glendale Ave intermediate, $107,350 for auditorium, 5 more classrooms, new sanitary unit, cafeteria, lockers, furniture.

Acacia school, $49,050 for 5 classrooms, sanitary plant, furniture, equipment.

Broadway school, $32,650, for 4 classrooms, sanitary unit, sprinkling system, furnishings and equipment.

Central Ave. school, $33,850 for 4 classrooms, sanitary unit, gas rads., furniture and equipment.

Cerritos and Magnolia schools, $31,500 for 3 classrooms, sanitary units, heating plant, furniture and equipment, repairs.

Colorado Blvd. school, $3825 for bungalow, sprinkling system, sanitary unuit, furniture and equipment.

Columbus Ave. school, $47,150 for 4 classrooms, sanitary units, gas rads., and more land.

Doran Ave. school, $38,950 for 4 classrooms, sanitary units, heating plant, piping grounds.

Graand View school, $24,450 for 9 classrooms, sanitary unit, sidewalks, water piping.

Pacific Ave. school, $65,300 for 6 classrooms, sanitary units, gas rads., furniture and more land.

Verdugo Canyon school, $13,600 for site.

CENTERVILLE, Alameda Co., Cal.—Union Sanitary District has voted bonds to finance construction of a sewer system. District comprises towns of Center and Newark. Plans will probably be made by Geo. A. Posey, Alameda county surv.

CHURCHES

Plans being Prepared.
CHURCH Cost, $200,000
HIGHLAND PARK, Los Angeles Co., Cal. Pasadena Ave. and Avenue 53.
Two and three-story brick, steel and reinforced concrete church and Sunday School building (Tapestry brick facing).
Owner—Highland Park Presbyterian Church.
Architect—Geo. M. Lindsey, 329 Laughlin Bldg., Los Angeles.

Plans To Be Prepared.
CHURCH Cost—
SAN FRANCISCO, Courtland Ave., (St. Kebin Church.)
Frame church.
Owner — Roman Catholic Archbishop 1100 Franklin St., San Francisco.
Architect to be selected shortly.

Contract Awarded.
CHURCH Cost, $14,000
OAKLAND, SW 40th Ave. and San Juan
One-story church.
Church of Brethem, Oakland.
Contractor—Miller & Livingston, 4075 Foothill Blvd., Oakland.

Plans To Be Prepared.
CHURCH Cost—
SAN FRANCISCO 40th Ave. 39th Ave. and Balboa (St. Thomas Church)
Frame church.
Owner — Roman Catholic Archbishop, 1100 Franklin St., S. F.
Architect to be selected shortly.

Segregated Figures Being Taken.
CHURCH Cost—
SAN FRANCISCO, SE Clay and Divisadero.
Class C church.
Owner—Sixth Church of Christ Scientists.
Architect—W. H. Crim Jr., 425 Kearny St., San Francisco.

Contracts Awarded.
CHURCH Cost, $25,818
SONOMA, Sonoma Co., Cal.
Concrete church
Owner—St. Francis Catholic Church (Rev. Father John Byrne Pastor)
Architect—C. H. Jensen, Call Bldg., S.F.
Contractor—Menzies Bros., 251 Kearny St., San Francisco.
The glass has been awarded to Cobbledick-Klobe Glass Co. S. F., and the hardware to Joost Bros., S. F.

FACTORIES & WAREHOUSES

Contract Awarded.
ALTERATIONS Cost, $20,000 approximately, including equipment.
PETALUMA, Sonoma Co., Cal.
Alterations, additions and equipment for cold storage plant (reinforced concrete construction).
Owner—Petaluma Ice & Cold Storage Co. a branch office of National Ice & Cold Storage Co., Postal Telegraph Bldg., San Francisco.
Architect—Engineering Dept of owner, Mr. Howell in charge.
Contractor—H. P. Vogensen Constr. Co. 600 5th St., Petaluma.

Plans Being Prepared.
WAREHOUSE Cost, $350,000
LOS ANGELES, L. A. Co., Cal., San Pedro & Commercial Sts.
Five-story and basement class A warehouse 100x350.
Owner—Los Angeles Warehouse Co.
Architect—Albert C. Martin, 430 Higgins Bldg., L. A.
Will be of reinf. constr., steel sash, metal skylights, steel rolling doors, sliding metal doors, 1 passenger and 4 freight elevators, aut. sprinkling system.
Plans will be ready for figures in about 90 days.

Owners Purchasing Some Materials.
TOWNSITE BLDGS. Cost, $——
GERLAC, Nevada.
Townsite, including reinforced concrete hotel, cottages, auditorium, etc.
Owner — Pacific Portland Cement Co., Pacific Bldg., San Francisco.
Architect—Weeks & Day, California Insurance Bldg., San Francisco.

Plans Being Figured.
WAREHOUSE Cost, $10,000
SAN JOSE, Santa Clara Co., Cal.
One-story frame and corrugated iron warehouse.
Owner—Sam Martin.
Architect—Chas. S. McKenzie, Bank of San Jose Bldg., San Jose.

Contractors To Take Sub-Figures This Week.
PACKING PLANT Cost—
SAN FRANCISCO, N Townsend St. E Fifth St., 91-8x120.
Two-story reinforced concrete packing plant.
Owner—Roth, Winter & Walsh.
Architect—Ward & Blohme, 545 California St., San Francisco.
Contractor—Parrett & Hilp, 918 Harrison St., San Francisco.

Contract Awarded.
WAREHOUSE Cost, $26,000
FRESNO, Fresno Co., Cal. No. 162 J Street.
Warehouse.
Owner—Tyre Bros. Glass Co., 162 J St., Fresno.
Engineer & Architect — Trewhitt & Shields, Rowell Bldg., Fresno.

Plans Being Prepared.
LOFT BLDG. Cost—
LOS ANGELES, SW 11th & Main Sts.
Seven-story and basement class A loft building 74x198.
Owner—Morris Harris, 757 South Los Angeles St., Los Angeles.
Architect—Harwood Hewitt, 1130 Van Nuys Bldg., L. A.

Figures to be Taken in Two Weeks.
BRICK BLDG. Cost, $——
ANTIOCH, Contra Costa Co., Cal.
One-story brick and steel building west of present machine building.
Owner—Paraffine Companies, 34 First St., San Francisco.
Architect—Leland Rosener, Insurance Bldg., San Francisco.

Preliminary Plans Being Prepared.
WAREHOUSE Cost, $65,000
SAN FRANCISCO, Downtown.
Three-story and basement fireproof warehouse.
Owner—Wilmarth
Architect—Albert W. Houghton, 275 Post St., San Francisco.

Plans Completed.
SHOP BLDG. Cost, $12,000
SAN FRANCISCO, NW Sansome and Green Sts.
Owner 617 Sansome St., San Francisco.
Architect—

Contract Awarded.
LOFT BLDG. Cost, $36,000
SAN FRANCISCO, 4th between Mission and Minna Streets.
Three-story and basement concrete loft building.
Owner—J. Allec.
Architect—T. Patterson Ross, 310 California St., San Francisco.
Contractor—H. L. Peterson, Lick Bldg., San Francisco.

Plans Being Prepared.
LOFT BLDG. Cost, $20,000
ALAMEDA, Alameda Co., Cal., Park St.
Two-story reinforced concrete market and loft building.
Owner—Withheld.
Architect—A. A. Cantin, Foxcroft Bldg. San Francisco.

Plans Being Prepared.
MILL BLDGS. Cost, $2,000,000
SOUTH SAN FRANCISCO, San Mateo Co., Cal., Swift St., 14 acres.
Rolling mill buildings.
Owner—Metal & Thermit Cptn. (E. W. Kardos, district manager), Swift St., So. San Francisco.
Architect—Engineering Dept. of owner, New York.

Plans Complete — Work To Start Shortly.
LOFT BLDG. Cost, $225,000
SAN FRANCISCO, NE Mission and Fremont Streets.
Four-story and basement reinforced concrete loft building 137-6x137-6
Owner—Cebrian Company.
Architect — G. A. Applegarth, Claus Spreckels Bldg., San Francisco.
Contractor—P. J. Walker, Monadnock Bldg., San Francisco.

VALLEJO, Solano Co., Cal.—Milo-Lite Co., manufacturers of auto lights, conferring with chamber of commerce regarding factory site.

PALMS, Los Angeles Co., Cal.—The Brogdex Co. of Calif., mfrs. of preservative for fresh fruits is considering the erection of its main plant at Palms, near Culver City. Riverside had formerly been selected, but will be only one of the branches. The company is capitalized for $1,000,000. Members of the company are H. F. Keenan, Walter J. Wallace, H. W. Keleer, F. C. Van Dise, D. M. Brogdex, A. L. Schwarz and L. H. Henry.

NAPA, Napa Co., Cal.—E. W. Doughty, Napa, has contract to erect buildings for Mercury Oil Co. on river bank in East Napa. Company will spend $30,000 for buildings and storage tanks.

NEWPORT BEACH, Cal.—Until 7:30 p. m., Jan. 29, bids will be received by City Clk Alfred Smith, for reconstructing wooden wharf known as the old Southern Pacific wharf, situated in Municipal Improvement Dist. No. 2 of Newport Beach, in accordance with plans prepared by Paul E. Kressly, consulting engr., 732 H. W. Hellman Bldg., Los Angeles.

MARYSVILLE, Yuba Co., Cal.—That Marysville is being seriously considered as the location of a big planing mill, sash and door and fruit box factory was the statement made by C. W. Driscoll of Susanville, who has been connected for some time with the Fruit Growers' Supply Company of that place.

YUBA CITY, Sutter Co., Cal.—King's Food Products Co. of Salem, Ore., represented by R. G. Grant, is conferring with the Sutter County Chamber of Commerce regarding the establishment of a dehydrating plant in or near Yuba City, the estimate cost of the first unit being $100,000. Several sites are under consideration. No selection will be made until the Chamber of Commerce assures co-operation and furnishes the company with data as to transportation, quantities of produce and labor facilities.

TURLOCK, Stanislaus Co., Cal.—E. T. and W. P. Eaton advise Turlock Chamber of Commerce they have completed arrangements to erect a $35,000 ice plant at Ruby and Nort Center streets, Turlock. Plant will have a daily capacity of 25 tons and will be known as the "Home Ice & Cold Storage Co."

WILLOWS, Glenn Co., Cal.—W. R. Zumwalt, Willows, has contract to erect cold storage plant in Willows for Union Ice Co. in South Tehama street.

COALINGA, Fresno, Co., Cal.—The continental Petroleum and Refining Co., maintaining branch offices in this city, will expend $1,000,000 in the construction of ten gasoline cracking plants in valley towns. The first work will be undertaken at Coalinga where an addition will be provided for the present quarters, this work to cost $150,000. Location of other plants are yet to be determined.

FIREHOUSES AND JAILS

SAN JUAN, San Benito Co., Cal.—Town trustees seek financial aid from county supervisors to build town jail; est. cost, $1,500. The supervisors are asked to pay one-half the cost.

FRESNO, Fresno Co., Cal.—City Commissioners will call election to vote bonds of $300,000 to finance erection of new fire stations and equipment for department. Construction includes erection of stations at following points: Butler and Santa Fe, $15,000; First and Belmont, $15,000; Palmer and Belmont, $15,000; Headquarters building, site to be selected, $75,000.

FLATS

To be Done by Day's Work.
FRAME FLATS Cost, $6000 each
SAN FRANCISCO. W Loyola Terrace 175, 208 and 241 N Fulton.
Three two-story and basement frame flat buildings (2 flats each).
Owner—W. L. Voorhies, 50 Divisadero St., San Francisco.

Plans Completed.
FLATS Cost, $14,000
SAN FRANCISCO. W Tenth Avenue 108 N Cabrillo Street.
Two-story and basement frame (2) flats.
Owner—L. G. Lauray, 41 Montgomery St., San Francisco.
Architect—Fabre & Hildebrand, 110 Sutter St., San Francisco.

Contract Awarded.
FLATS, ETC. Cost, $17,287
SACRAMENTO, Cal. Portion of Lots 2 and 3, Tullar Tract.
Two-story flats and 4 garages.
Owner—S. W. Cross, Forum Bldg., Sacramento.
Architect—None.
Contractor—R. M. Smith, 2633 20th St., Sacramento.

Plans Being Prepared.
FLAT BLDG. Cost, $10,000
SAN FRANCISCO, S Geary nr. 2nd Ave.
Two-story frame store and flat bldg. (1 6-room flat).
Owner—C. W. Hayward.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.

Contract Awarded.
FLATS Cost, $13,500
OAKLAND, Alameda Co., Cal. E Walker Ave. 203 N Cottage.
Two-story 16-room frame flats.
Owner—Albert Clevenger, Oakland.
Contractor — California Builders Co., 1531 Franklin St., Alameda.

Plans Being Figured.
STORE & FLATS Cost, $11,000
SAN FRANCISCO, Vinton Court W side of grant Ave. bet. Pine and California Street.
Two-story reinforced concrete store & flat building.
Owner—Withheld.
Architect—A. A. Cantin, Foxcroft Bldg, San Francisco.

To Be Done By Day's Work and Sub-Contracts.
FLATS Cost, $15,000
SAN FRANCISCO, SW 15th Ave. & Lincoln Way
Two-story & basement frame (4) flats.
Owner—R. Ellingson, 180 Jessie St., San Francisco.
Architect—R. R. Irvine, Call Bldg.

Contract Awarded.
FLATS Cost, $10,000
OAKLAND, Alameda Co., Cal., E Broadway 146 S Ridgeway.
Two-story stores and flats.
Owner—G. Pierce, Santa Rosa.
Contractor—Edw. Larmer, 90 Fairview Ave., Piedmont.

To be Done by Day's Work.
FLATS, ETC. Cost, $11,000
SACRAMENTO, Cal. No. 2830 F St.
Two-story frame (4) flats and garage.
Owner—J. A. Lardlan, 1833½ K St., Sacramento.

To Be Done By Day's Labor.
FLAT Cost, $10,500
SAN FRANCISCO, S Geary 40 E Blake.
Two-story brick public garage
Owner—Thos. Hamill, 6140 Geary St.
Architect—J. J. Foley, 770 5th Ave., San Francisco.

GARAGES

Plans Being Figured—Bids Close Jan. 20, 1923.
GARAGE Cost, $100,000
SAN FRANCISCO. SW Fell and Gough Streets.
Two-story reinforced concrete Class B garage, 192x120.
Owner—Louis R. Lurie Co.
Lessee—Pacific Telephone & Telegraph Company.
Architect—O'Brien Bros., 240 Montgomery Street, San Francisco.
Figures are being taken for a general contract with separate bids for the freight elevator.

Plans Being Figured.
ALTERATIONS Cost, $10,000
MILL VALLEY, Marin Co., Cal. Throckmorton.
Alter and add to frame garage.
Owner—Everready Garage.
Architect—Walter Falch, Hearst Bldg., San Francisco.
Figures are being taken from Mill Valley contractors.

To be Done by Day's Work.
REPAIR SHOP Cost, $10,000
SAN FRANCISCO. SW Bryant and Center Sts.
One-story and basement brick auto repair shop.
Owner—Samuel Schell, 180 Jessie St., San Francisco.

Low Bidder.
GARAGE Cost—
BERKELEY, Alameda Co., Cal. Addison St. W Shattuck Ave.
One-story reinforced concrete garage, wood trusses.
Owner—L. W. Hink and R. G. Sproule.
Architect—Jas. W. Plachek, 2014 Shattuck Ave., Berkeley.
Low Bidder — Connor & Connor, 1733 Francisco, Berkeley.

Segregated Figures Being Taken.
GARAGE Cost—
BERKELEY, Alameda Co., Cal. Shattuck Ave. from Parker to Carlton Streets.
One-story reinforced concrete commercial garage and auto sales bldg.
Owner—John Havens, Berkeley.
Architect—Jas. W. Plachek, 2014 Shattuck Ave., Berkeley.
Lessees—Ford & Studebaker Agencies.

JOOST BROTHERS
Builders' Hardware
Tools, Etc.
(Members Builders' Exchange)
1053 MARKET ST.
Phone Market 891 San Francisco

Plans To Be Prepared.
GARAGE Cost, $50,000
RICHMOND, Contra Costa Co., Cal.
One-atory reinforced concrete and steel auto sales and garage building 100 by 200.
Owner—J. P. Strom, 1229 Macdonald Ave., Richmond.

Contract Awarded.
GARAGE Cost, $11,530
BERKELEY, Alameda Co., Cal. S Addison St. W Shattuck Ave.
One-story reinforced concrete garage, wood trusses.
Owner—L. W. Hink and R. G. Sproule.
Architect—Jas. W. Plachek, 2014 Shattuck Ave., Berkeley.
Contractor — Connor & Connor, 1733 Francisco, Berkeley.

GOVERNMENT WORK AND SUPPLIES

WASHINGTON, D. C.—Until Jan. 23, 10:30 A. M., bids will be rec. by Panama Canal Commission, under Circular No. 1509, for fur. and del. Mindi, Canal Zone, Isthmus of Panama, 120,000 lbs., size of cartridges 1¼ by 8-in., and 100,000 lbs. size of cartridges, 2-in. by 8-in. sodium dynamite, 60% nitroglycerine, packed in 10-lb. moisture proof cartons.

PASADENA, Cal.—Until 3 p. m., Feb. 9, bids will be received by City Clerk Bessie Chamberlain for one 10,000 K. W. 2400 volt steam turbo-generator unit; also one jet condenser; also surface condenser and circulating pump. Spec. and further information may be obtained from City Clerk. This equipment is for the municipal lighting works dept.

TREASURY DEPARTMENT, Supervising Architect's Office, Washington, D. C., January 11, 1923.—SEALED PROPOSALS will be opened in this office at 3 P. M., May 10, 1923, for the construction of the United States Post Office and Court House, at Cordova, Alaska. Drawings and specifications may be obtained from J. W. Roberts, Supervising Superintendent, 403 P. O. Bldg., San Francisco, Calif., the Custodian of the site at Cordova, Alaska, or at this office, in the discretion of the Supervising Architect, JAS. A. WETMORE, Acting Supervising Architect.

WASHINGTON, D. C. — Bids were opened on January 16 by the Director, U. S. Veterans' Bureau, in the Office of the Quartermaster General, 2306 Munitions Building, Washington, D. C., for construction of a Neuro-Psychiatric hospital at American Lake, Tacoma, Washington, for the Veterans' Bureau. Work will include conatruction of 23 buildings of reinforced concrete, tile and brick, complete with water, lighting, heating and sewer systems, roads and walks. The following firms submitted the three lowest bids:
Sound Constr. & Engr. Co., Lowman Bldg Seattle.....$1,376,264
A. W. Quist Co., Seattle..... 1,386,104
Hurley Mason Co., Portland... 1,397,000

WASHINGTON, D. C. — Bureau of Yards and Docks, Navy Department preparing Spec. No. 4770 for destroyer base, paint and oil storehouse at San Diego, Calif. Requests for plans will be filed at this time when accompanied with deposit of $10.

WASHINGTON, D. C.—Until Jan. 31, bids will be received by Supervising Architect, Treasury Department, for fur. window and door screens for Veterans' hospital, Palo Alto, Calif.

WASHINGTON, D. C. — Bureau of Yards and Docks, Navy Department, preparing Spec. No. 4742 for second extension to shell house and magazine at Mare Island, Calif., Navy Yard; requests for plans will be accepted at this time on deposit of $10.

SAN FRANCISCO.—Until Jan. 27, 11 a. m., bids will be received by U. S. Engineer Office, 85 Second St., under Order No. 4294, for fur. and del. Rio Vista, Solano County 75 rubber dredge sleeves of Grade A, 22-in. dia. 24-in. long with max. allowable variations (greater or less) of ⅛-in. dia. and ½-in. in length. Spec. will be furnished on request.

WASHINGTON, D. C. — Bureau of Yards and Docks, Navy Department, preparing Spec. 4755 for electric traveling cranes to be delivered Puget Sound, Wash., Navy Yard

WASHINGTON, D. C.—Until Feb. 6, bids will be received by Bureau of Supplies and Accounts, Navy Departmnet, for fur. and del. Puget Sound, Wash., Navy Yard, 55.6 tons structural steel.

DENVER, Colo.—Following bids received by U. S. Reclamation Service for fur. gates and hoists, involv. approx. 16,600 lbs metal work:

A, bid on items 1 to 9; B, bid on items 10 to 13, C, total bid.

The R. Hardesty Mfg. Co., Denver, Colo., A, $1111.15; B, $9600; C, $2071.15, accepted for items 1 to 9 inclusive.

The Walker Mfg. Co., Denver, Colo., A, $1620.11; B, $1142.85; C, $2762.96.

The Denver Engineering Works Co., Denver, Colo., A, $1432; B, $722; C, $2154, all or none.

The Vulcan Iron Works, Denver, Colo., A, $1365; B, $1117; C, $2482.

The Stearns-Rogers Mfg Co., Denver, Colo., no bid.

McGann Mfg. Co., York, Pa., A, $2234; B, $1315; C, $3549.

Omaha Steel Works, Omaha, Neb., A $1697.80; B, $747; C, $2444.80; accepted for items 10 to 13 inclusive.

SAN FRANCISCO—Until Jan. 23, 11 a. m., bids will be received by U. S. Engineer Office, 85 Second St., (Order No. 4260) for sale of property from wrecked dredge "America," includ.

Lot One: 1 clamshell bucket, Western Cross, Arm Type, 6 cu. yds. (good condition).

Lot Two: One A frame top (fair condition); one foot piece, lower end of boom (fair condition); one boom end (good condition), 24x24-in. boom.

Lot Three: One boiler (poor condition), 3 fuel oil tanks (poor condition); 6 ft. e-in. dia.x20 ft. 8-in. long.

Lot Four: Two spud points (good condition) take 26x26-in. timbers; 2 spud points (good condition) take 21x21-in. timbers.

Lot Five: Scrap, wreckage, twisted structural iron, etc., (40 tons, more or less).

Prospective bidders may inspect materials at Rio Vista.

DENVER, Colo.—Until Jan. 29, bids will be received by U. S. Reclamation Service for fur. and del. drag line excavators.

WASHINGTON, D. C. — Bureau of Yards and Docks, Navy Department, rejects bids under Spec. 4687 for submarine base pier at Pearl Harbor, T. H. New bids will probably be asked.

PORTLAND, Ore. — Following bids received by U. S. Engineer Office, Portland, Ore. for fur. 2 steel dump scows, 70x22x6:

Tacoma Dry Dock and Construction Co., Tacoma, Wash., $16,450 each.

Smith & Watson Iron Works, Portland, Ore., $12,400 each.

Wm. C. Schmitt, 550 Brendle St., Portland, Ore., $12,645 each.

Bethlehem Shipbuilding Corporation Ltd., 20th and Illinois Sts., San Francisco, Calif., $18,580 each, and $35,960 both.

Penn Bridge Co., Beaver Falls, Pa., $15,865 each.

Treadwell Construction Co., Midland Pa., $13,700 each.

HALLS AND SOCIETY BUILDINGS

Congract Awarded.

CLUB BLDG. Cost, $——

TANFORAN RACE TRACK, San Mateo Co., Cal.

Two-story frame and plaster club building.

Owner — Pacific Coast Jockey Club, Howard Spreckels, Secretary, 913 First National Bank Bldg., San Francisco.

Architect — G. A. Applegarth, Claus Spreckels Bldg San Francisco.

Contractor — Grace & Bernieri, Claus Spreckels Bldg., San Francisco.

Plans Being Prepared.

LODGE BLDG. Cost, $65,000

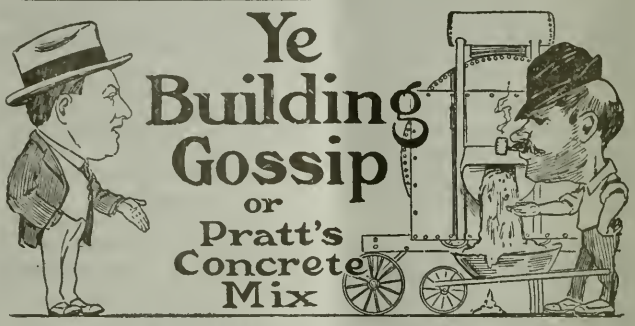
WOODLAND, Yolo Co., Cal.

Three-story concrete and bridg lodge building.

Owner—Woodland Lodge of Elks.

Architect—W. H. Weeks, 369 Pine St., San Francisco.

BRAWLEY, Imperial Co., Cal.—Masonic Bldg. Assn. has selected a site for the new temple and is having plans prepared for the building, which will be erected this year. The site is at the southeast corner of Main street and the Plaze. The officers are W. C. Eaton, pres.; Charles E. Nice, vice-pres., and W. T. Dunn, secy.



BUILDERS MAKE MERRY AT DUCK DINNER

Sacramento builders made merry last night at the annual duck stew of the Sacramento Builders' Exchange held in Native Sons' Hall and attended by nearly 250 people.

Following the banquet a program of speeches and entertainment was enjoyed with Charles Gompertz, past president of the San Francisco Builders' Exchange, as the principal speaker. Others who addressed the gathering were: A. S. Dudley, secretary of the Sacramento Chamber of Commerce; C. S. Knight, secretary-manager of the Reno, Nevada, Chamber of Commerce; O. D. Le Master, president of the Western Planing Mill & Woodworking Association, of Fresno, and A. W. Norris, president of the local exchange.

Visiting builders were present from San Francisco, Oakland, Stockton, Vallejo and Reno, Nevada.—Sacramento Bee, January 12, 1923.

THEY DID well.

• • •

WITH THEIR annual goose stew.

• • •

BUT THEY let Joe Odgers.

• • •

OF THE Daily Pacific Builder.

• • •

OF SAN Francisco and Mission Street.

• • •

WALK AWAY.

• • •

WITH THE capital prize.

• • •

IT WAS a "sweetheart" mirror.

• • •

WHATEVER THAT is.

• • •

AND NOW Joe's home.

• • •

IN PICTURESQUE Mill Valley.

• • •

IS DECORATED.

• • •

LIKE A millionaire's mansion.

• • •

HOWEVER, THERE was great excitement.

• • •

WHEN PRESIDENT Always Working Norris.

ANNOUNCED THE next drawing.

• • •

WOULD BE for five yards.

• • •

OF CLEAN, sharp sand.

• • •

FROM THE sand washing plant.

• • •

OF CLARENCE Sand Pratt, President.

• • •

OF THE Pratt Building Material Co.

• • •

DOUGLAS 300—"easy to remember."

• • •

CONTRACTOR DUDLEY won the prize.

• • •

AND IN an interview.

• • •

WITH SANDY Pratt, editor.

• • •

OF THIS nearly comedy.

• • •

SAID THAT our sand.

• • •

WAS ALWAYS clean and sharp.

• • •

AND DUDLEY sang.

• • •

"I THANK you."

The Stewed Goose Committee of Sacramento Builders' Exchange (photo by Joe Daily Pacific Builder Odgers, official photographer for Pratt's clean, sharp sand and everything). Reading from left to right the stewed goose committee are: A. W. Norris, president, toastmaster and home builder; A. W. Palm, secretary, society hound and good dresser; G. A. Bertolucci, cement contractor and user of Pratt's white Marysville sand; Andy Truck McGuire, retailer of Pratt's washed and screened American River sand; Frank Dixon, orator, hunter, trapper and general all around good fellow.

Contract Awarded.
MASONIC TEMPLE Cost, $50,000
TAFT, Kern Co., Cal., S side North St., bet. 5th and 6th Sts.
Two-story brick and stucco Masonic Temple bldg., 50x125.
Owner—Masonic Temple Association.
Architect — Orville L. Clark, Brower Bldg., Bakersfield.
Contractors—Currie & Dulgar, Bakersfield.

Contract Awarded.
CLUB BLDG. Cost, $10,000
SACRAMENTO, Sacramento Co., Cal. Bank of American River near 12th Street.
One-story frame Boy Scout's club building (rustic exterior).
Owner—Lions Club.
Architect—E. C. Hemmings, Ochsner Bldg., Sacramento.
Contractor—Wm. Truesdale, 2116 H St., Sacramento.

LOS ANGELES, Cal.—Archts. Dodd & Richards, 905 Brockman Bldg., L. A., have been commissioned to prepare plans for a new clubhouse to be erected in Santa Moni a Canyon for the Uplifters Club to replace the bldg. recently destroyed by fire. The new bldg. will probably be masonry constr. and will cost about $75,000.

PLACERVILLE, El Dorado Co., Cal.—The Placerville Shakespeare Club has announced its intention of erecting a modern and completely equipped clubhouse on the recently purchased location in the rear of the courthouse. Construction will be started this Spring. Plans for the building are being prepared.

OAKLAND, Cal.—A report will be submitted by the Building Committee of the Athens Athletic Club (Athens Terminal Building Corp.), March 1 on a proposal for the club to erect two buildings at 14th and Franklin Sts., one structure to be devoted to stores, on the ground floor, with the upper floors devoted entirely to club quarters and the other structures to be given over to a railroad terminal and business quarters above. Irving Kahn is chairman of the Building Committee. Preliminary plans for the structure, as originally planned, were prepared by Architects Bliss & Faville, Balboa Bldg., San Francisco.

HOSPITALS

Plans Complete.
HOSPITAL Cost, $15,000
TAFT, Kern Co., Cal., Corner Center & 8th Streets.
One-story frame and plaster hospital 81x93.
Owner—Pacific Oil Co., Taft, Cal.

ALAMEDA, Alameda Co., Cal.—Bids were opened on January 16, by the City Council of Alameda, for the construction of a one-story reinforced concrete Health Center building from plans prepared by Architect Carl Werner, Santa Fe Building, San Francisco. All bids were taken under advisement.

General Contract

Trobock & Cress, 180 Jessie St. Street, San Francisco $29,920
Wm. McIntosh, San Francisco.... 30,950
Walter Murch, Oakland..... 32,328
Alfred Vogt, San Francisco.....34,863
R. W. Littlefield, Oakland..... 34,950
Mission Concrete Co., S. F..... 35,995
John M. Bartlett, Oakland..... 36,200
Peters Construction Co., S. F.... 37,500

Painting

D. Zelinsky, 180 Jessie St., S. F....$1070
I. P. Kissel, S. F. 1485
R. Zelinsky, S. F. 1742
John Heritage & Son, Alameda.... 2200
C. E. Gordon 2275
A. C. Wocker 2450

Plumbing

H. I. Kyle, 1718 E-14th St., Okd.. 2805
Scott Co. 3182
A. Feldhammer, Alameda..... 3675

Heating

Scott Co. $2878

Plumbing & Heating Combination

W. E. Burnham, 1220 Webster St., San Francisco $6197

Plastering

Wm. Makin, 1048 Excelsior Ave., Oakland $5473
Geo. Dixon, Oakland 5600
Allen J. Hillam, Oakland..... 6500
Jas. F. Smith, S. F. 7340
Peter Bradley, S. F..... 8500

Electrical Work

Strom Elec. Co., 1350 Park, Ala..$ 625
H. F. Haverkramp, S. F..... 1100
Kenyon Elec. Co. 1238
Crown Elec. Co. 1246
Decker Elec. Constr. Co., S. F..... 1367
F. E. Newbery, S. F..... 1920

HOTELS

Plans Being Prepared.
HOTEL Cost, $500,000
SANTA ROSA, Sonoma Co., Cal.
Six-story concrete hotel and apartment building.
Owner—Santa Rosa Hotel Cptn, Represented by Dunn-Hurst & Martin, Insurance Exchange Bldg., San Francisco.
Architect—Walter O. Lewis, 1207 High St., Alameda.
Engineers—Ellery-Frost & Patton, Merchants National Bank Bldg., San Francisco.

Contract Awarded.
ADDITION Cost, $57,300
SANTA ROSA, Sonoma Co., Cal. Occidental Hotel.
All work except heating for one-story reinforced concrete addition to two-story hotel building.
Owner—Messrs. Rossi & Nelson, Occidental Hotel, Santa Rosa.
Architect—Arthur S. Bugbee, 26 Montgomery St., San Francisco.
Contractor—E. R. Brunt, of Santa Rosa and E. Teicheira, of Vallejo.

Preliminary Plans Being Prepared.
HOTEL Cost, $125,000
SAN FRANCISCO, Downtown.
Seven-story fireproof hotel.
Owner—Withheld.
Architect—Vernon W. Houghton, 275 Post St., San Francisco.

WHITTIER, Los Angeles Co., Cal.—Doyle Constr. Co., Chapman Bldg., Los Angeles, has the contr. to finance and erect a four-story and basement Class C store and hotel building at SE Cor. of Philadelphia and Washington Sts., Whittier. It will be 140x150 ft. and will cost $225,000.

WILLOWS, Glenn Co., Cal.—Chamber of Commerce will call mass meeting to have citizens donate site on which it is proposed to erect a modern hotel. Means of financing construction of the hotel are completed and early construction is assured following the selection of a site.

PUBLIC BUILDINGS

Plans Being Figured—Bids Close Feb. 13, 1923, 12 noon.
BUILDINGS Cost—
OAKLAND, Alameda Co., Cal.
Class C employees cottage, women's shop bldg., power house and recreation building.
Owner—State of California.
Architect—State Architect, Geo. B. McDougall, Sacramento.

A. E. Leitch Fred Clark

CLARK & LEITCH ROOFING CO.

Successors to E. S. Warner

Office and Warehouse:

1116 SECOND ST., SACRAMENTO

Phone Main 726

Plans Being Figured—Bids Close Feb. 13, 1923.
CITY HALL. Cost, $——
SANTA BARBARA, Santa Barbara Co., Calif.
Brick City Hall.
Owner—City of Santa Barbara.
Architect—E. Sauter and E. Keith Lockard, 338 San Marcos Bldg., Santa Barbara.
Bids are desired for 26 separate contracts. **See call for bids under official proposal section in this issue.**

SACRAMENTO, Sacramento Co., Cal.—Jack Prince, builder of practically all speedways in the United States, spoke before the Sacramento Motor Car Dealers' Association recently on the building of a mile and one-half speedway in Sacramento.

The proposed track and stands, according to preliminary estimates, will cost in the neighborhood of $200,000. Although no definite action has been taken it is understood that immediate arrangements will be made to incorporate and sell stock.

SACRAMENTO, Sacramento Co., Cal.—The following bids were opened on January 10 by the State Department of Architecture, for two electric freight elevators to be erected in the new State Printing building now under construction in Sacramento. Bids were taken under advisement.

Otis Elevator Co., Beach & Stockton Sts., San Francisco, $7050, alternate $6200, 60 days.
Van Emon Elevator Co., S. F. $7475 alternate $5500 (hydraulic), 60 days
Pacific Electric & Eq. Co., $8695 alternate $8345, 45 days.
Spencer Elevator Co., San Francisco, alternate only, $7265, 60 days.

RESIDENCES

Sub-Figures Being Taken.
RESIDENCE Cost, $26,000
PIEDMONT, Alameda Co., Cal. Sotello, Glenn Alpine Road and Union St.
Two-story frame and plaster residence (12 rooms, 3 bathrooms and ballroom) tile roof.
Owner—Robert Dunn, Premises.
Architect — Willis Lowe, Monadnock Bldg., San Francisco.

Contract Awarded.
RESIDENCE Cost, $10,000
SAN FRANCISCO, NW Third Avenue and Fulton Street.
Two-story and basement frame residence.
Owner—P. E. O'Hare Realty Co.
Architect—None.
Contractor—J. M. Peters, 1010 Balboa St., San Francisco.

Plans Being Prepared—To Be Done By Day's Work.
RESIDENCES Cost, $7500 ea.
BURLINGAME, San Mateo Co., Cal.
Two 1-story frame residences.
Owner—C. H. Bessett, 660 Market St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.

Plans Being Prepared—To Be Done By Day's Work.
RESIDENCE Cost, $7500
SAN FRANCISCO, 9th Ave near Kirkham.
One-story frame residence.
Owner—F. Monson.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.

Contract Awarded.
DWELLING Cost, $10,000
OAKLAND, Alameda Co., Cal., N Haddon Rd. 60 E Hilgirt Ave.
Two-story 8-room dwelling.
Owner—C. C. Shamdberg, San Francisco
Contractor—Fred Strang, 1407 Paru St., Alameda.

Sub-Figures to be Taken Shortly.
RESIDENCE Cost. $30,000
SAN FRANCISCO. NW Twenty-eighth and McLeran Aves.
Two-story and basement frame residence.
Owner—J. D. McGilvary Jr.
Architect—None.
Contractor—Geo. Wagner, 251 Kearny St., San Francisco.

Preliminary Plans Prepared.
RESIDENCE Cost, $30,000
SANTA CRUZ, Santa Cruz Co., Cal.
Two-story and basement residence.
Owner—Withheld.
Architect—Vernon W. Houghton, 275 Post St. San Francisco.

Plans Being Figured.
DWELLING Cost, $12.000
OAKLAND, Alameda Co., Cal.
Two-story and basement frame dwlg
Owner—Withheld.
Architect—Vernon W. Houghton, 275 Post, St., San Francisco.

Plans Being Prepared.
RESIDENCE Cost $2700
ATHERTON, San Mateo Co., Cal.
Two-story frame residence
Owner—Clifton Le Montaigne
Architect — Jos. L. Stewart, Claus Spreckels Bldg. S. F.

Contract Awarded.
RESIDENCES Cost- -
PETLUMA, Sonoma Co., Cal. Douglas Street.
Two frame residences.
Owner—J. E. Cavanaugh, of the Cavanaugh Lumber Co., Petaluma.
Contractor — M. H Fredericks Petaluma.

SANTA ROSA, Sonoma Co., Cal.—Harry Fetch, contractor, 411 Brown St., Santa Rosa, has purchased property in Wheeler street and plans to erect six bungalows.

SCHOOLS

Figures to be Taken Shortly.
SCHOOL Cost, $150 000
MOUNTAIN VIEW, Santa Clara Co., Cal.
Two-story reinforced concrete high school.
Owner—Mountain View Union High School District.
Architect—W. H. Weeks, 369 Pine St, San Francisco.
Bonds to the amount of $197,000 have been sold.

Plans Being Figured Bids Close Feb. 13, 1923 7 p. m.
SCHOOL Cost, $350,000
TAFT, Tulare Co., Cal.
Group of reinforced concrete school buildings (1) auditorium, (2) gymnasium, (3) science bldg., (4) domestic science bldg., (5) shop bldg., (6) addition to present bldgs.
Owner—Taft Union High School Dist.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
Bids will be received on various segregations, including excav. and concr. work; structural steel and iron work, carpentry work, lathing and plastering, electric wiring, sheet metal work, kitchen equipment, furniture, marble work masonry work, plumbing, heating and ventilating, lighting fixtures, etc.
Plans may be obtained from the architect on a deposit of $20.

Plans Being Figured- Bids Close Feb. 5, 1923.
SCHOOL ADDITION Cost, $25,000
SACRAMENTO, Sacramento Co., Cal Leland Stanford.
Four-room brick and concrete school addition.
Owner—City of Sacramento.
Architect—Dean & Dean, City Library Bldg., Sacramento.

Plans Being Figured Bids Close Feb. 5, 1923, 7:30 p m
SCHOOL ADDITION Cost, $25,000
SACRAMENTO, Sacramento Co., Cal., Leland Stanford.
Four-room brick and concrete school addition.
Owner—City of Sacramento.
Architect—Dean & Dean, City Library Bldg., Sacramento.
See call for bids under Official Proposals.

YUBA CITY, Sutter Co, Cal.—The Van Arsdale site has been selected as the location of the $250 000 school building to be erected for the Yuba City High School District, plans for which are being prepared by Architect Geo. C. Sellon & Co., Mitau Bldg., Sacramento.

SACRAMENTO, Sacramento Co., Cal. —[illegible] worth of [illegible] at the new [illegible] the Sacramento [illegible] save two [illegible] and National [illegible] companies calling [illegible] of chairs. The bids [illegible] an expenditure of [illegible] School [illegible] and folding chairs will [illegible]

[illegible] Yolo Co., Cal.—Until Feb. 15 [illegible] will be rec. by Grafton Grammar School District for fur. and del. [illegible] chairs; C. F. Weber & Co's catalogue or equal. **See call for bids under official proposal section in this issue.**

OAKLAND, Cal.—Until Jan 29, 4 P. M., bids will be rec. by John Edgemond, Secretary, Board of Education, 1104 City Hall, for fur. steel lockers. **See call for bids under official proposal section in this issue.**

CLARKSBURG, Yolo Co., Cal. — The Board of Trustees of the Clarksburg Union Grammar School District, opened bids on Jan. 12th for the construction of a school building from plans prepared by architect W. H. Weeks, 369 Pine street, San Francisco. The bids are over the amount available from the bond issue which is $75,000. The following bids are the lowest submitted and have been taken under advisement for a week:

General Contract
Herndon and Finnigan, 1814 17th St., Sacramento approx........$84,000
W. R. Zimwald, Willits, approx. $8,000
Heating and Ventilating
Hateley & Hateley, Mitau Bldg., Sacramento 16,700

RIVERSIDE, Riverside Co., Cal.—L. C. Waldman, Riverside, was awarded contract at $79,879 for the new Lincoln school building. W. A. Pratt awarded plumbing contract at $5827.17 and A. M. Lines heating at $5640. Plans by G. Stanley Wilson, 646 W. 9th St., Riverside. Concrete construction, two-stories, auditorium and 11 classrooms, Spanish tile roof. Mr. Wilson has been commissioned to prepare plans for an addition to New Magnolia school.

—Bavin & Burch Co., 173 E. Jefferson St., Los Angeles, was apparently low bidder on the general contract for erecting a new high school at Belmont high school site at First St. and Belmont Ave. in Los Angeles. Plans were prepared by the Architectural Dept. of the Board of Education. It was unofficially stated that in order to keep within the $600,000 appropriation the contracts would probably be awarded on the basis of omitting the gymnasium and with the time for completion Dec. 1. On this basis, Bavin & Burch bid $547 569. Low bidders on other contracts on the same basis were: E. A. Lindgreen on the painting at $8440; L. Z. Brown on heating at $40 269; and F. J. Donnelly on plumbing at $24.788. A number of alternate bids for further deductions were also taken. Bids for wiring have not been taken yet. The bids received were: **General Contract** —Bavin & Burch Co., (a) Main bldg. and gymnasium complete by Sept. 1, $685,929; (b) main bldg., sub-structure only of gymnasium complete by Sept. 1, $637,845; (c) main bldg. only complete by Sept. 1, $574,069; (d) same as (a) with Dec. 1 as completion date, $656,129; (e) same as (b) with Dec. 1 as completion date, $609,046; (f) same as (c) with Dec. 1 as completion date, $547,569; William Stacko, (a) $693,000; (b) $643,000; (c) $580,000; (d) $673,000; (e) $623,000; (f) $560,000; Lawrence Burck Constr. Co., (a) $679,000; (b) $640,000; (c) $673,039; (d) $675,000; (e) $631,667; (f) $563,039; C. J. Kubach Co., (a) $690,800; (b) $648,800; (c) $577,200; (d) $680,800; (e) $638,800; (f) $669,700; J. C. Bannister, (a) $700,000; (b) $647,289; (c) $581,743; (d) $691,891; (e) $639,179; (f) $573,634; Weymouth Crowell, (a) $719,150; (b) $673,080; (c) $621,830; L. A. Planing Mill Co., (a) $753,066; (b) $700,370; (c) $622,600; (d) $732,756; (f) $610,360; Lange & Bergstrom, (a) $780,000; (b) $720,000; (c) $660,000; (d) $774,000; (e) $714,000; (f) $664,000; Pozzo C. Co., (a) $787,300; (b) $735,000; (c) $669,000; (d) $767,308; (e) $720,000; (f) $657,308; K. R. Bradley Constr. Co., (a) $794,921; (b) $744,287; (c) $674,900; (d) $782,921; (e) $732,287; (f) $662,900. **Painting**—E. A. Lindgreen, (a) $11,067; (b) $10,850; (c) $10,273; (d) $10,070; (e) $8,608; (f) $8,440; R. Zelinsky & Son, (a) $14,868; (b) $14,868; (c) $14,200; (d) $14,200; (e) $10,546; (f) $10,546; G. C. Hewitt, (a) $15,750; (b) $15,750; (c) $14,550; (d) $14,650; (e) $11,750; (f) $11,750; R. E. Swan, (a) $14,270; (b) $14,270; (c) $13,240; (d) $13,240; (e) $11,820; (f) $11,820; Leo H. Hubbert, (a) $14,700; (b) $14,700;(c) $13,700; (d) $13,700; (e) $12,470; (f) $12,470; Morgan & McCarthy, (a) $15,400; (b) $15,000; (c) $14,600; (d) $14,200; (e) $13,400; (f) $13,000; Dresher & Heinsbergen, (a) $16,230; (b) $16,230; (c) $16,308; (d) $15,398; (e) $13,010; (f) $13,100; H. H. Mann, (a) $16,846; (b) $15,846; (c) $15,236; (d) $16,236; (e) $13,270; (f) $13,270; D. Zelinsky & Son, (a) $17,576; (b) $17,576 (c) $16,524; (d) $16,524; (e) $13,396; (f) $13,396; Alhambra W. P. & P. Co., (a) $18,875; (b) $18,875; (c) $17,375; (d) $17,376; (e) $13,875; (f) $13,875; Heinsbergen Decorating Co., (a) $17,220; (b) $17,220; (c) $16,205; (d) $16,205; (e) $14,140; (f) $14,140; Brown & Brown, (a) $17,567; (b) $17,567; (c) $15,991; (d) $15,991; (e) $14,332; (f) $14,332; Arenz-Warren Co., (a) $18,934; (b) $18,934; (c) $16,434; (d) $16,434; (e) $15,134; (f) $15,134. **Heating**—L. Z. Brown, (a) $46,656; (b) $46,666; (c) $45,611; (d) $45,611; (e) $40,269; (f) $40,269; Munger & Munger, (a) $48,606; (b) $48,606; (c) $47,610; (d) $47,610; (e) $42,106; (f) $42,106; J. Hokom, (a) $48,204; (b) $48,204; (c) $44,826; (d) $44,826; (e) $42,616; (f) $42,616; F. J. Donnelly, (a) $48,186; (b) $48,186; (c) $47,411; (d) $47,411; (e) $42,689; (f) $42,689; Frank Davidson, (a) $51,650; (b) $51,650; (c) $50,725; (d) $50,725; (e) $45,090; (f) $45,090; W. W. Brooks, (a) $52,400; (b) $52,400; (c) $51,300; (d) $51,300; (e) $47,400; (f) $47,400; Arthur Hess, (a) $61,343; (b) $61,341; (c) $60,463; (d) $60,463; (e) $51,760; (f) $51,760; Franklin & Boyce, $47,228. **Plumbing**—F. J. Donnelly, (a) $36,000; (b) $35,000; (c) $34,788; (d) $34,788; (e) $24,788; (f) $24,788; W. W. Brooks, (a) $32,600; (b) $32,600; (c) $32,100; (d) $32,100; (e) $26,000; (f) $26,000; Thos. Haverty Co., (a) $36,697; (b) $36,597; (c) $35,985; (d) $35,985; (e) $28,975; (f) $28,975; G. C. Sutton, (a) $39,766; (b) $39,756; (c) $39,334; (d) $39,334; (e) $31,247; (f) $31,247; J. Hokom, (a) $39,713; (b) $39,713; (c) $34,895; (d) $34,895; (e) $31,376; (f) $31,375; Lohman Bros., (a) $41,969; (b) $41,769; (c) $41,604; (d) $41,454; (e) $34,443; (f) $34,343; H. E. Murray, (a) $46,597; (b) $44,660; (c) $46,097; (d) $44,160; (e) $36,519; (f) $34,780; Dressler Plbg. Co., (a) $41,557; (b) $41,557; (c) $41,392; (d) $41,392; (e) $35,167; (f) $35,167; Arthur Hess, (a) $46,677; (b) $46,677; (c) $45,706; (d) $45,706; (e) $36,144; (f) $36,144.

Lewis Roofing and Asbestos Works

180 JESSIE ST. S. F.
Phone Sutter 6700

Branch—2022 University Ave.,
Berkeley—Phone Berk. 4360

Roof Paints—Roofing Repairs
Shingle Metal Gravel

Asbestos and Magnesia Steam
Pipe and Boiler Covering

LOS ANGELES, Cal.—Until 9 a. m., Jan. 31, bids will be received by the board of education for painting and refinishing work at the following schools Breed St. sw cor. 3rd and Breed Sts; Avenue 21 School on Ave. 21 bet. Hayden and Pasadena Ave.; Fremont Ave School on Fremont Ave., bet. 2nd and 3rd Sts.; Hellman Development School, on Avenue 23, bet. Pasadena Ave. and N Broadway. Spec. may be obtained at secretary's office 730 Security Bldg., Los Angeles.

STORES AND OFFICES

Plans Being Prepared.
OFFICE BLDG. Cost, $350,000
LOS ANGELES, Los Angeles Co., Cal. NW Orange St. and Westlake Ave.
Six-story Class A Physicians' & Surgeons' Office building (Stucco Exterior((70 2, 3 and 4-room apts.)
Owner — Wholesale Properties Cptn., Van Nuys Bldg., Los Angeles.
Architect—Chas. S. McKenzie, Bank of San Jose Bldg., San Jose, and Van Nuys Bldg., Los Angeles.
Contractor—Wallace & Bush, 908 Van Nuys Bldg., Los Angeles.

Sub-Figures Being Taken.
OFFICES & APTS Cost, $90,000
SAN PEDRO, L. A. Co., Cal., 7th St. & Pacific Ave.
Three-story brick store, office and apt. bldg. (3 stores, 22 offices, 14 single apartments).
Owner—August Sederland.
Architect & contractor—De Luxe Bldg. Co., Union League Bldg., L. A.

Segregated Figures Being Taken—Bids Close Jan. 19, 1923, 8 p. m.
EXCHANGE BLDG. Cost, $10,000
RICHMOND, Contra Costa Co., Cal. E 14th St. 175 S Macdonald Ave.
One-story hollow tile and brick exchange bldg. 42x89 (designed for additional stories).
Owner—Builders Exchange of Contra Costa County.
Architect—Jas T. Narbett, 910 Macdonald Ave., Richmond.
Sub figures are being taken from members of the Exchange. An alternate bid will be taken for brick veneer exterior. It will contain offices, auditorium, kitchenette, banquet room ,etc.

OFFICE BLDG. Cost, $300,000
Plans Being Prepared.
LONG BEACH, L. A. Co., Cal.—SW 5th St. and Pine Ave.
Seven-story and basement class A store and office bldg. 50x150.
Owner—Thos. Clark Spearman.
Architect—Thos. Franklin Power, Tajo Bldg., L. A.

Plans Complete.
RESTAURANT Cost, $28,500
SAN FRANCISCO, N Turk 137-6 W Taylor.
Three-story and basement brick class C store and restaurant.
Owner—Emma Dixon, 216 Turk St., San Francisco.

Figures Being Taken From A Selected List of Contractors.
STORE BLDG. Cost, $45,000
BERKELEY, Alameda Co., Cal., Center Street.
Two-story store, restaurant and hall building, 51x127 (ornamental terra cotta front).
Owner—Harry Ennors.
Architect—Jas. W. Plachek, 2014 Shattuck Ave., Berkeley.

Low Bidder.
STORES Cost—
BERKELEY, Alameda Co., Cal., Center St. W Shattuck Ave.
One-story reinforced concrete store.
Owner—Jas. W. Plachek, 2014 Shattuck Ave., Berkeley.
Low Bidder—Connor & Connor, 1733 Francisco, Berkeley.

Construction To Start Next Week.
STORE BLDG. Cost, $150,000
FRESNO, Fresno Co., Cal. Van Ness Ave. and Inyo St.
Two-story reinforced concrete store bldg., 100x150.
Owner—F. P. Black.
Architect and contractor—R. F. Felchlin Co., Bank of Italy Bldg., Fresno

Plans Being Prepared.
OFFICE BLDG. Cost, $45,000
BERKELEY, Alameda Co., Cal., Shattuck Ave. and Center St.
Two-story and basement reinforced concrete store and office bldg.
Owner—Frank Naylor.
Architect—Jas. W. Plachek, 2014 Shattuck Ave., Berkeley.
Plans will be ready for figures in two weeks.

Contract Awarded.
OFFICE BLDG. Cost, $21,500
SAN JOSE, Santa Clara Co., Cal. San Carlos St. near First St
Two-story reinforced concrete stores and office building.
Owner—Wm. Binder, 255½ S-First St., San Jose.
Architect—Binder & Curtis, 255½ S-First St., San Jose.
Contractor—Jorgensen & Thomey 160 Irving St., San Jose.

Contract Awarded
ALTERATIONS Cost, $20,000
SAN FRANCISCO. No. 441-443 Pine St
Extensive alterations for restaurant
Owner—C. Mailhebuau .
Architect—W. H. Crim Jr., 425 Kearny St., San Francisco.
Contractor—Buxton & Zwieg, Flatiron Bldg., San Francisco.

Contract Awarded.
AUTO SALES BLDG. $20,000 to $30,000
SACRAMENTO, Scto. Co., Cal. "K" bet. 12th and 13th Streets.
Two or 3-story brick auto sales bldg.
Owner—W. Geo. Spilman and May K. Bowden.
Lessee—Rice & Forrest, 1216 "K" St., Sacramento.
Contractor—J. T. Ransdale, 1055 41st St., Sacramento.

Contract Awarded.
STORE BLDG. Cost, $8990
SAN FRANCISCO, Sacramento St. near Grant Ave.
One-story and basement reinforced concrete store building.
Owner—Chas. Dunn Clinch Co., Inc., Alaska Commercial Bldg., S. F.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—J. Martinelli, 180 Jessie St. San Francisco.

Preliminary Plans Prepared.
STORE BLDG. Cost, $6000
OAKLAND, Alameda Co., Cal.
Store building.
Owner—Withheld.
Architect—Vernon W. Houghton, 275 Post St., San Francisco.

Plans Being Prepared.
STORE BLDG. Cost, $5000
SAN FRANCISCO, Downtown.
One-story store bldg.
Owner—Withheld.
Architect—Vernon W. Houghton, 275 Post St., San Francisco.

Sketches Prepared.
STORES, ETC. Cost, $750,000
LOS ANGELES, Los Angeles Co., Cal. Olive St. south of Pacific Finance Bldg.
Twelve-story Class A store and loft building, 60x170.
Owner—Alexander & Oviatt
Architect—Walker & Eisen, Pacific Finance Bldg., Los Angeles.

Plans Being Prepared.
STORE BLDG. Cost, $150,000
SANTA BARBARA, Santa Barbara Co., Cal. State St.
Two-story Class A store building
Owner—Diehl Grocery Co., Santa Barbara.
Architect—Not Given.

Contract Awarded.
STORES Cost, $18,340
BERKELEY, Alameda Co., Cal., Center St. W Shattuck Ave.
One-story reinforced concrete store.
Owner—Lester W. & J. F. Hink, Shattuck Ave., & Kittridge, Berkeley.
Architect—Jas. W. Plachek, 2014 Shattuck Ave., Berkeley.
Low Bidder—Connor & Connor, 1733 Francisco, Berkeley.

Plans Being Figured.
STORE BLDG. Cost, $14,000
RICHMOND, Contra Costa Co., Cal., SW 6th and Nevin.
One-story brick stone bldg. (5 storerooms).
Owner—Nathan Savin, 524 Nevin, Richmond.
Architect—Jas. T. Narbett, 910 Macdonald Ave., Richmond.
Contractor—McPheny & Gallagher.

SAN FRANCISCO—Bids are now being taken by Engineer A. A. Brown, 120 Market street, for tile, plastering work and floor covering (linoleum), etc. for the 15-story class A office building now being erected on the southeast corner of Main and Market streets for the Matson Navigation Co. Bliss & Faville, Balboa Bldg., are the architects. The tile contract has been awarded to Mangrum & Otter, at $11,900. Bids for the marble and terrazzo work are under advisement.

SAN FRANCISCO — Architect M. V. Politeo, First National Bank Bldg., has awarded a contract to Thos. Carroll, 180 Jessie St., at $19,100 for the lathing, plastering, furring, damproofing, cement work and ornamental plaster in connection with the construction of a six-story and basement office building now being erected on the southeast corner of Sutter and Taylor streets. J. S. Morgan and Sons are the owners.

LOS ANGELES, Cal.—The L. A. public service commission rejected the bids received Friday and will readvertise for new bids at once for erecting a 3-story and basement class A office and loft bldg., at San Pedro, for the municipal water and light dept. Edwin Bergstrom, Cit. Natl. Bank Bldg., L. A., architect. Only two bids were received under the previous call as follows: Ross & Ritchie, Long Beach, $135,420 and J. A. Hill Constr. Co., $178,900.

SANTA BARBARA, Santa Barbara Co., Cal.—J. Y. Parker has the contract to erect a 4-story reinf. conc. store and office bldg. at cor. State St. and De La Guerra Sts., for the Santa Barbara Bldg Corp., of which D. C. Williams is largest stockholder. The bldg. will be of modern fireproof constr. and contain six stores and 99 offices. Est. cost, bet. $250,000 & $300,000. Archts. Soule, Murphy and Hastings, 1206 State St. Santa Barbara, prepared the plans.

LODI, San Joaquin Co., Cal.—John C. Bewley, Lodi, has purchased property, 170x120 ft., at the corner of School and Elm streets and will erect a four-story office and store building. Construction will not be started for at least four months.

THEATRES

OAKLAND, Alameda Co., Cal.—Plans are in process of formation whereby the sum of $750,000 will be subscribed by local captains of finance for the purchase of a site and the construction of a beautiful theatre to be operated on the community plan.

The plans are being engineered by Edgar I. Linseha, former house manager of the Bishop theatre and later assistant manager of the MacArthur theatre, who is now making final arrangements for the launching of the project.

Linseha is being backed by local bankers, merchants and attorneys to whom he has presented his plan and who are now working out the details for the management of the theatre which is to occupy one of several selected down town sites.

The money for the purchase of the site and the construction of the theatre building has been subscribed by public spirited citizens.

Official Proposals

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

NOTICE TO BIDDERS

(School Desks and Chairs)

The Board of Trustees of the Grafton Grammar School District, at Grafton, County of Yolo, State of California, will receive sealed bids for furniture for the Grafton School District, **up to February 15th, at 2 P. M., 1923.**

Bids must be accompanied by a certified check to the amount of ten per cent of the bid, payable to John F. Anderson, Clerk, Board of Trustees, Grafton School District. Bids will be opened at J. F. Anderson's store at Grafton, California, on February 15th, 1923, at 2 P. M. The Board reserves the right to reject any and all bids.

Bidders must submit samples with their bids. Bids are requested upon the following articles:

First: Eighty (more or less) pupils' desks, of material design, finish and workmanship similar to that of Moulthrop desk No. 10.

Alternate: Eighty (more or less) pupils' desks, of material, finish and design similar to that of the American Seating Company's desk No. 21.

Second: Two hundred (more or less) portable chairs similar in material, finish and design to Readsboro chair No. 462½.

Numbers in this advertisement refer to Catalogue No. 922, C. F. Weber & Co., San Francisco, Calif.

Dated January 2, 1923.

GEO. H. FISH,
JOHN F. ANDERSON,
W. W. HOPPER,
Board of Trustees of Grafton School District of Yolo County.

NOTICE TO CONTRACTORS INVITING BIDS FOR THE CONSTRUCTION AND ERECTION OF THE NEW CITY HALL IN THE CITY OF SANTA BARBARA.

Sealed proposals or bids will be received in the office of the Manager of the City of Santa Barbara **up to 3 o'clock P. M., on the 13th day of February, 1923,** at which time said bids will be opened and read in public, for furnishing the required labor, material and equipment necessary for the execution of each and all of the twenty-six (26) separate contracts, as follows, to-wit:

1. Excavating and grading.
2. Carpentry.
3. Brick and tile.
4. Artificial stone.
5. Architectural terra cotta.
6. Cut stone.
7. Reinforcing steel.
8. Setting reinforcing steel.
9. Structural steel.
10. Ornamental iron.
11. Sheet metal work.
12. Composition roofing.
13. Tile roof.
14. Millwork.
15. Lathing and plastering.
16. Marble and tile.
17. Linoleum and composition floors.
18. Vault doors.
19. Mail chute.
20. Jail equipment.
21. Metal counters.
22. Painting.
23. Finish hardware.
24. Plumbing.
25. Steam heating.
26. Electric wiring.

For the construction and erection of the new City Hall in said City of Santa Barbara, in accordance with the plans and specifications therefor, now on file in the office of the CityManager of said City, which plans and specifications are entitled "Santa Barbara City Hall," dated December 21, 1922, and signed by Roland E. Sauter and E. Keith Lockard, as architect. Plans, specifications and bid blanks may be seen at or procured from their office, 338 San Marcos Bldg., Santa Barbara. Proposals will be received on each of the twenty-six (26) separate parts, or divisions of the work with the respective alternate proposals, or for the entire work of the entire work of the construction and erection of said building as a whole.

A certified check in an amount of not less than 10 per cent of the amount bid, not to exceed, however, the sum of five thousand dollars ($5000), on some reputable bank in favor of the Mayor of said City must accompany each bid, as required by the ordinances of said City to the effect that the bidder will, within five (5) days after award, enter into a contract with said City, in accordance with said bid, and that he will furnish a surety bond as required by such ordinances to the satisfaction of the Manager of said City, and that if he neglect to furnish such bond, or refuse for a period of five (5) days to enter into such contract, said check shall be cashed as required by such ordinances.

All bids must be made on forms furnished by said architect and inclosed in sealed envelopes addressed to said Manager at his office in said City Hall.

The right is reserved to reject any or all bids or to waive any informalities in any bid.

FRED L. JOHNSTON,
City Manager.

BIDS WANTED FOR SCHOOL ADDITION

(Four-room Brick and Concrete Addidition. Estimated Cost, $25,000)

NOTICE TO CONTRACTORS

Notice is hereby given that sealed bids will be received by the Board of Education of the Sacramento City School District for the complete erection of an addition to a school building in accordance with plans and specifications on file in the office of the Secretary of the Board of Education of the Sacramento City School District, Room 300, City Hall, Sacramento, California, and also in the office of Dean & Dean, Architects, third floor of City Library Building, 9th and I Streets, Sacramento, California.

The said school building is to be erected on the property owned by the School District, at 4th and 5th Avenues, 38th and 39th Streets, situated in the City of Sacramento, State of California.

On a deposit of $15.00 with the Board of Education, or the Architects, complete sets of plans and specifications may be had by any prospective bidder, and retained for a period of 15 days. The deposit will be returned to the bidder on the return of the plans and specifications in good condition.

Bids must be made on proposals obtained at the office of the Architects, and be signed by the bidder, accompanied by a certified check for at least 10% of the amount of the bid or proposal, certified to by some responsible bank or banker, and made payable to the Secretary of the Board of Education of the Sacramento City School District, said check to be forfeited and retained by the School District, should the party or parties to whom the contract shall be awarded fail to enter into the contract after the award, or to give bonds as required. Bids must be plainly marked on the exterior "Proposal for Addition to Leland Stanford School Building."

All bids must be filed with the Secretary of the Board of Education of the Sacramento City School District, Room 300, City Hall, Sacramento, California, **not later than 7:30 o'clock P. M., Monday, February 5th, 1923.**

The Board of Education of the Sacramento City School District reserves the right to reject any and all bids.

BOARD OF EDUCATION, SACRAMENTO CITY SCHOOL DISTRICT,
Chas. C. Hughes, Secretary.

QUANTITY SURVEYOR
and Valuation Engineer
Buildings and Engineering Works
ARTHUR PRIDDLE
603 Mission Street, at Third St.
San Francisco, Calif.
Telephone Douglas 8-4-9-3

NOTICE TO BIDDERS

(Road Machinery)

Willows, Calif., Jan. 10, 1923.

NOTICE IS HEREBY GIVEN that sealed bids will be received by the Board of Supervisors at the office of the County Clerk **until ten o'clock A. M. Tuesday, February 13, 1923,** for sale to the county, for use in Road District No. 4, of a portable truck loader mounted on steel truck with all steel and malleable iron bucket elevator, having a capacity of from one-half to three-fourth cubic yards of crushed rock or gravel per minute; loader to have power plant consisting of F. B. 3½ HP gasoline motor, identical with, or equal to the Spearwell Little Giant loader.

The Board reserves the right to reject any or all bids.

Witness my hand and the seal of the Board of Supervisors of Glenn County, California, affixed this 10th day of January, 1923.

(Seal) W. H. SALE,
County Clerk.

NOTICE TO CONTRACTORS

(Butler Section — Salmon River Road)

Sealed proposals for constructing the above named National Forest Development Road, located within the Klamath National Forest, County of Siskiyou, State of California, will be received by the District Engineer, Bureau of Public Roads, U. S. Department of Agriculture, at 881 Mills Building, San Francisco, California, until 2 o'clock p. m., on the 14th day of February, 1923, at which time and place they will be publicly opened and read. The right is reserved to reject any and all bids and none will be considered except from contractors ascertained to be experienced and responsible.

The project to be constructed is part of the Salmon River Road, located about six miles north of Forks of Salmon along the Salmon River. The length of the project is approximately 4.1 miles and the principal items of work are as follows:

Excavation 103,581 cu. yds.
Class A concrete, 40 cu. yds.
Corrugated metal pipe, 1088 lin. ft.
Log trestle 50 lin. ft.
Log cribbing 75 sq. ft.
Right of way fencing 420 lin. ft.
Hand placed embankment 44 cu. yds.
Cement rubble masonry 320 cu. yds.
Boulder concrete 275 cu. yds.

The work of clearing the right of way has been finished. Construction shall be started within fifteen days af-

ter notice so to start has been given the contractor by the District Engineer, which notice will not be given until weather conditions render it practicable to prosecute the work to advantage in the spring of 1923, and shall be completed within 175 weather working days after said notice to start construction has been given. The slides on the present road between Nordheimer and the beginning of this contract will be removed by the Government before the contractor commences work and will not be a portion of this contract.

The contract form, maps, plans and specifications may be examined by responsible contractors at the following addresses:

881 Mills Building, San Francisco, California.

Forest Supervisor, Yreka, California.

The Bureau of Public Roads will furnish corrugated metal culvert pipe and Portland cement f. o. b. cars. The Bureau also has available for loan to contractors on a rental basis equipment both on the Salmon River and at Government Island, Oakland, California, as listed in the specifications. Bidder will state in his bid the government equipment that he will use during construction and the minimum time required. The estimated rentals will be deducted from the total of the construction items and award will be made on the bid to the best advantage of the Government.

Plans and specifications will be furnished contractors who contemplate bidding, upon deposit of a check for $10.00 payable to the Secretary of Agriculture of the United States. Check will be held pending return of plans and specifications.

All proposals must be made on forms furnished by the District Engineer, Bureau of Public Roads, and in accordance with the instructions forming a part of the specifications above referred to.

C. H. SWEETSER District Engineer.

BIDS WANTED FOR STATE BLIND HOME BUILDINGS

NOTICE TO CONTRACTORS

Sealed bids will be received by Geo. B. McDougall, State Architect, Chief, Division of Architecture, Forum Building, Sacramento, California, up to and including **12 noon, Tuesday, Feb. 13, 1923** said bids then and there to be publicly opened and read, for furnishing all plant materials and doing the work required for the erection and completion of Employees Cottage, Women's Shop Building and Power House and Recreation Building of The Industrial Home for Adult Blind, Oakland, California, in accordance with plans and specifications therefor, copies of which may be obtained on application to the Division of Architecture, State Department of Public Works, Forum Building, Sacramento, California.

Such bids will be received for all work complete and must be submitted on forms prepared and furnished by said Division of Architecture.

Cash, a bidder's bond, made payable to the State of California, or a certified check made payable to the "State engineer, Department of Public Works," in the sum of at least ten per centum 10%) of the amount of the bid, must be enclosed with each bid.

A deposit of Twenty-five ($25) Dollars will be required on plans and specifications, the deposit to be remitted on the return of plans and specifications to the said Division of Architecture, at Sacramento, California, in good condition.

The Division of Architecture, State Department of Public Works reserves the right to reject any or all bids and waive any informality in any bid received.

The construction work of said Buildings has been placed on a days labor basis and on said basis, the work herein referred to, as a sub-division of said construction, is to be let by contract.

All bids must be addressed to Geo. B. McDougall, State Architect, Chief, Division of Architecture, Forum Building, Sacramento, California and plainly marked on the envelope: "Proposal for Employees Cottage, Women's Shop Building, and Power House and Recreation Building of the Industrial Home for Adult Blind, Oakland, California.

STATE DEPARTMENT OF PUBLIC WORKS, DIVISION OF ARCHITECTURE,
Geo. B. McDougall,
State Architect.
R. M. Morton,
Director of Public Works

NOTICE TO BIDDERS

(Steel Lockers)

Notice is hereby given that Oakland School District and Oakland High School District of Alameda County, State of California, hereby calls for sealed proposals to be delivered to the Secretary of the Board, Room 1104, City Hall, west side of Washington Street, between Fourteenth and Fifteenth Streets, on **Monday, January 29, 1923, before the hour of 4:00 P. M.**, for furnishing certain School Steel Lockers according to specifications therefor on file in the office of the Secretary, to which reference is hereby made. All bids must be made on forms furnished on application to said Secretary at the address above given.

Bids must be sealed in envelopes furnished by the Board of Education and addressed to John W. Edgemond, Secretary of Oakland School District, and must be accompanied by a certified check payable to the order of John W. Edgemond, "Secretary of Oakland School District," for at least 10 per cent of the total amount of all bids submitted by each bidder.

Bids will be opened by the Board of said Districts on Monday, January 29, 1923, at the hour of 4:30 P. M., in the Board Room, 211 Second Floor of said City Hall, in said City of Oakland. The Board reserves the right to reject any or all bids or any or all items of such bids.

JOHN W. EDGEMOND,
Secretary.

Phone Mission 2607
Res. Phone Mission 5223

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Sheet Metal Work of Every Description

CHAS. SCHULTHEIS, Mgr.

3117-3119 TWENTIETH STREET near Harrison St.

SAN FRANCISCO, CALIF.

BIDS WANTED FOR POST OFFICE AND COURTHOUSE

NOTICE TO CONTRACTORS

TREASURY DEPARTMENT, Supervising Architect's Office, Washington, D. C., January 11, 1923.—SEALED PROPOSALS will be opened in this office at 3 P. M., May 10, 1923, for the construction of the United States Post Office and Court House, at Cordova, Alaska. Drawings and specifications may be obtained from J. W. Roberts, Supervising Superintendent, 403 P. O. Bldg., San Francisco, Calif., the Custodian of the site at Cordova, Alaska, or at this office, in the discretion of the Supervising Architect, JAS. A. WETMORE, Acting Supervising Architect.

NOTICE TO WELL DRILLERS

Notice is hereby given that the Board of Directors of the Terra Bella Irrigation District will receive sealed bids for the drilling of two or more wells on its property in Section 22, T. 22 S. R. 28 E. each about 150 feet in depth up to **11 o'clock a. m., on February 6, 1923.** Bids shall be for wells of 10 inches in diameter, 12 inches in diameter, 14 inches in diameter and 16 inches in diameter.

Each bid shall be accompanied by a certified check in the sum of ten per cent of the total amount of the bid.

Bids shall be plainly marked "Well Drilling Bid" and addressed to Earle R. Clemens, Secretary, Terra Bella Calif.

The Board of Directors reserves the right to reject any or all bids or any part of any bid and to waive defects.

EARLE R. CLEMENS, Secretary.

SUBSCRIPTION BLANK

Cut Out and Mail Today

.....192.....

TO BUILDING AND ENGINEERING NEWS,
560 Mission St., San Francisco, Cal.

Send me Building and Engineering News for one year, commencing with next issue, for which I enclose check for $4.00

Name .....

Street and No. .....

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Why Cement Sacks Are Filled Upside Down

The curious method of filling portland cement sacks—filling them upside down after they have been tied—is a striking example of progress made in industrial processes. Until twenty years ago, cement sacks were filled practically as all other sacks always had been. You had a huge bin of this finer-than-flour material. A workman at the door of the bin hung a sack up, with its mouth open, on a wooden frame and filled it with an ordinary shovel. Then he set it on a scale, and with a hand scoop adjusted the weight of the contents to the exact 94 pounds required, after which he tied the sack by hand and tossed it on a truck to be hauled into a freight car.

That was the way as little as twenty years ago, and no one had thought much of doing it differently.

But now what happens?

The cement is taken from the bin by an automatic conveyor—a moving belt or bucket chain—and elevated and dumped into the hopper of a filling machine. This is a small bin with an elaborate mechanism including a fan inside; and at the bottom of it is a 1-inch spout through which the cement flows like water. The filler sits at the spout. Sacks have been brought to him already tied at the top but with an opening guarded by a valve at the bottom. The filler slips the opening over the spout and turns on the cement. When the sack is filled to exactly 94 pounds it tips a scale, automatically turns off the cement, and with a little push from the filler falls on another moving belt that carries it out and drops it at the freight car door.

By the old method, a team of four men could fill and load 1,600 sacks a day. By the new method, a similar team can fill and load 8,000.

The filling machine is costly, and royalties must be paid on the valve sack process, but the new arrangement has meant a considerable labor saving. It has meant especially that the manufacturers have been able to get their product out more promptly to users during the rush period of summer and fall. For in that period labor of the kind required for sacking and loading is generally hard to get.

Even with the improvements, a medium sized plant—one producing a million barrels of cement a year and employing not more than 300 people altogether—must normally employ 60 people in its sacking and loading department.

PORTLAND CEMENT ASSOCIATION

A National Organization to Improve and Extend the Uses of Concrete

Atlanta	Des Moines		Parkersburg	San Francisco
Boston	Detroit	Los Angeles	Philadelphia	Seattle
Chicago	Helena	Milwaukee	Pittsburgh	St. Louis
Dallas	Indianapolis	Minneapolis	Portland, Ore.	Vancouver, B. C.
Denver	Kansas City	New York	Salt Lake City	Washington, D. C.

Engineering News Section

BRIDGES, DAMS & HARBOR WORK

HOLLISTER, San Benito Co., Cal.—W. A. Winn, county surv. completing plans for Bennison bridge on road from the Adobe to the Eucalyptus school and for 4 bridges on the road from the Petaluma to Sonora highway to the Black Point cut-off.

WALLA WALLA, Wash.—Directors of Burbank Irrigation District contemplate election to vote bonds of $700,000 to finance wing dam in Snake river. Preliminary surveys have been made by Eng. E. M. Chandler of Olympia, Wash. It is probable that the Federal Government will assist in the installation of the necessary locks in the dam.

BLYTHE, Cal.—A. Rife, Blythe, awarded contr. by Palos Verde Mutual Water Co., Blythe, Riverside County, at 18c cu. yd. for 94,200 cu. yds. earthwork and clearing of approx. 32 acres of lands for the construction of canal and levee for the proposed settling basin. H. C. Neuffer, Chief Engr.

LONG BEACH, Cal. — Mercereau Bridge & Constr. Co., 313 N. Ave. 22, Los Angeles, submitted low bid at $7072 city council to const. a timber bridge over the Los Angeles river on Anaheim Rd. Other bids were: Jas. L. Frazer of Long Beach, $7245; The Wheeler Co., Los Angeles, $7730 and Frank H. Greene, Los Angeles, $7975. Bids referred to city mgr.

LITTLEROCK, Cal.—Until 8 P. M., Feb. 6, bids will be rec. by directors of Littlerock Creek Irrigation Dist., for const. regulating reservoir in Littlerock Creek irrigation dist. Reservoir will be 100x160 ft., and 6 ft. deep. Bottom and sides of the excavation are to be paved with 3-in. concr. laid upon wire mesh to be furnished by the district. Plans and spec. may be seen at office of the Board (Clarence Scott, Secy.), or at office of the Palmdale Water Co., Palmdale.

MARTINEZ, Contra Costa Co., Cal.—Contract has been awarded by the Associated Oil Company to the Ajax Dredging Company and crews are already at work dredging a channel from the highway at the Avon refinery to Suisun bay.

The canal, being dredged for drainage purposes, will be one and one-half miles long, eighteen feet wide and five feet deep.

FRESNO, Fresno Co., Cal. — The contract for the construction of a bridge over the Fowler Switch Canal at McCall Avenue, was awarded by the Board of Supervisors to C. H. Gildersleeve, 877 Sutter St., San Francisco, whose figure was $2,944.75. Bids were opened for a bridge over the same canal at Ventura Avenue but all were rejected, the lowest one being 12 per cent in excess of the county surveyor's estimate. The work was ordered done by the county with day labor.

LOS ANGELES, Cal.—Until Jan. 19, bids will be rec. by harbor comm. for dredging to depth of 30 and 35 ft. at mean low water along the easterly side of the East Basin channel, Los Angeles harbor, southwesterly from U. S. harbor line Sta. 406. The dredged material is to be deposited on the Ocean Shore of Terminal Island, near the east city boundary. Guy W. Wade is secretary of Harbor Commission, 312 Byrne Bldg. The work is to be done in connection with the General Petroleum Co's. improvements which include wharf, loading station and storage facilities.

SEATTLE, Wash.—The Board of Supervisors of King County will receive bids until February 19, 1923, at 10 o'clock A. M., for the construction of two new steel bridges. According to the plans of County Engineer Thos. R. Beeman, a 160-foot steel span of curved chord Pratt design will bridge the Tolt river at Carnation. Cost, $16,000.

The second span will be located near Maple Valley and wil cross the Cedar river. This span will be 140 feet in length and will require a 300,foot timber approach. Cost about $10,000.

SONOMA, Sonoma Co., Cal.—County Surveyor Robert Thom was instructed to complete surveys and prepare plans and specifications for a twelve-foot bridge across Blanket Creek near the Bostwick ranch.

VENICE, Cal. — Frank H. Greene, 1328 S. Western Ave., Los Angeles, awarded contract by city trustees at $6600 for canal wooden pier 12 ft. wide and 30 ft. long, and the constr. of a wooden jetty with rip-rap stone.

MERCED, Merced Co., Cal. — Until Feb. 6 bids will be received by supervisors to construct bridge No. 112 on the inside canal of the Warren and Ingomar road. G. E. Winton, county surveyor.

MARTINEZ, Contra Costa Co., Cal.—County Supervisors have withdrawn permit granted to Rodeo-Vallejo Ferry Co., foot of Hyde St., San Francisco authorizing that company to construct a suspension bridge over Carquinez Straits; est. cost $5,000,000. The permit was withdrawn due to protests of other applicants for a similar permit. The Rodeo-Vallejo Ferry Co. has however, filed another application and this will be considered by the Contra Costa county supervisors on March 5.

IRRIGATION PROJECTS

CALIFORNIA — Following applications filed with State Department of Public Works, Division of Water Rights Sacramento, (H. A. Kluegel, chief of Division); for permits to appropriate water:

App. 3168 (Los Angeles Co.) Southern California Edison Co., Los Angeles, for .005 cu. ft. per sec. from an unnamed spring, for domestic purposes at Atmore Patrol Station in Sec. 33, cost $3000.

App. 3170 (Los Angeles Co.) A. L. Sonderegger, Los Angeles, for 100,000 ac. ft. from San Gabriel River, for domestic and agricultural purposes, est. cost $8,000,000.

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App. 3172 (Napa Co.) City of Napa, Cal., for 200 ac. ft. from Milliken Creek, for municipal purposes in Napa, cost $300,000. Pipe line to be 5 mi in length.

App. 3173 (San Diego Co.) C. D. Crawford, El Centro, Cal., for 2.50 cu. ft. per sec. from Boundary Creek for agricultural purposes. Proposes to irrigate 200 acres, est cost $5000.

App. 3175 (Alpine Co.) Irrigation District No. 1, Carson Valley Unit, Truckee-Carson Project, Nevada, for 210 cu. ft. per sec and 35,000 ac. ft. per annum from West Fork of Carson River and Indian Creek, for agricultural purposes. Proposes to irrigate 45,000 acres in Carson Valley, est cost $700,000.

App. 12-3178 (Placer Co.) Lake Tahoe Railway and Transportation Co., San Francisco, Cal., for 3.25 cu. ft. per sec. from Burton Creek, for power, agricultural and domestic purposes near Tahoe Tavern, est. cost $41,000.

App. 3179 (Kings Co.) Bond Investment Co., Los Angeles, Cal., for 200 cu. ft. per sec. from Tulare Lake for agricultural purposes. Proposes to irrigate 20,000 acres, canal to be seven mi. in length, est. cost $60,000.

App. 3180 (Kings Co.) Bond Investment Co., Los Angeles, Cal., for 100 cu. ft. per sec. from Tulare Lake, for agricultural purposes. Proposes to irrigate 20,000 acres. Length of canal est. at 7½ miles.

App. 3181 (Kings Co.) Bond Investment Co., Los Angeles, Cal., for 100 cu. ft. per sec. from Tulare Lake, for agricultural purposes. Proposes to irrigate 20,000 acres.

App. 3182 (Solano Co.) F. O. Scarlett, Suisun, Cal., for 4.37 cu. ft. per sec. from Suisun Creek, for agricultural purposes. Proposes to irrigate 350 acres near point of diversion.

App. 3183 (Colusa Co.) Houghton Co., San Francisco, Cal., for 13 cu. ft. per sec. from Colusa Drain, for the irrigation of 530 acres of rice in Sec. 17. Est. cost $10,000.

App. 3187 (Lassen Co.) Homer C. Jack, Bieber, Cal., for 6.5 cu. ft. per sec. from headwaters of Juniper Creek, Dark Canyon Branch of Juniper Creek, for irrigation of 1720 acres, est. cost $20,000.

App. 3188 (Lassen Co) Homer C. Jack, Bieber, Cal., for 1280 ac. ft. per annum from an unnamed canyon, for irrigation of 1720 acres, est. cost $1000.

App. 3191 (Butte Co.) Charles Belden, Oroville, Cal., for 1.5 cu. ft. per sec from Karl Gulch, for mining purposes near point of diversion, est. cost $1200.

App. 3192 (Sutter Co.) C. E. Williams, Yuba City, Cal., for 3 cu. ft. per sec. from Sutter By-Pass East Dredger Cut, for the irrigation of 201.12 acres of rice, est. cost $3000.

App. 3193 (Inyo Co.) Charles C. Clarke, Big Pine, Cal., for 0.50 cu. ft. per sec. from McMurry Springs, for irrigation of 320 acres, est. cost $1500.

App. 3194 (San Bernardino Co.) S. B. Wright, San Bernardino, Cal., for 0.60 cu. ft. per sec. from Acern Canyon and a spring in canyon, for irrigation of 48 acres, est. cost $5000.

App. 3195 (Sutter Co.) Sutter Basin Co., Sacramento, Cal., for 1.38 cu. ft. per sec. from Sacramento Slough, for irrigation of 110.8 acres.

App. 3196 (Sutter Co.) Sutter Basin Co., Sacramento, Cal., for 2.38 cu. ft. per sec. from Sacramento River, for irrigation of 190.13 acres.

App. 3197 (Sutter Co.) Sutter Basin Co., for 4.41 cu. ft. per sec. from Sacramento River, for irrigation of 352.69 acres

App. 3198 (Sutter Co.) Sutter Basin Co., Sacramento, Cal., for 6.02 cu. ft. per sec. from Sacramento River for irrigation of 481.34 acres.

App. 3199 (Sutter Co.) Sutter Basin Co., Sacramento, Cal., for 1.07 cu. ft. per sec. from Sacramento River, for irrigation of 86 acres.

App. 3200 (Sutter Co.) Sutter Basin Co., Sacramento, Cal., for 1.15 cu. ft per sec. from Sacramento River, for irrigation of 92 acres.

App. 3201 (Sutter Co.) Sutter Basin Co., Sacramento, Cal., for 0.73 cu. ft

per sec. from Sacramento River, for irrigation of 58 acres.

App. 3202 (Sutter Co.) Sutter Basin Co., Sacramento, Cal., for 1.88 cu. ft. per sec. from Sacramento River, for irrigation of 150.48 acres.

App. 3203 (Sutter Co.) Sutter Basin Co., Sacramento, Cal., for 4.97 cu. ft. per sec. from Sacramento River, for irrigation of 397.7 acres.

App. 3204 (Sutter Co.) Sutter Basin Co., Sacramento, Cal., for 2.54 cu. ft. per sec. from Sacramento River, for irrigation of 203 acres.

App. 3205 (Sutter Co.) Sutter Basin Co., Sacramento, Cal., for 15.21 cu. ft. per sec. from Sacramento River, for irrigation of 608.5 acres of rice.

App. 3206 (Sutter Co.) Sutter Basin Co., Sacramento, Cal., for 87.49 cu. ft. per sec. from Feather River, for irrigation of 3499.6 acres of rice.

App. 3207 (Sutter Co.) Sutter Basin Co., Sacramento, Cal., for 56.8 cu. ft. per sec. from Feather River, for irrigation of 2272 acres of rice.

App. 3208 (Sutter Co.) Sutter Basin Co., Sacramento, Cal., for 18.14 cu. ft. per sec. from Nelson Slough, for irrigation of 725.67 acres of rice.

App. 3209 (Sutter Co.) Sutter Basin Co., Sacramento, Cal., for 397.47 cu. ft. per sec. from Sacramento River, for irrigating 3895.6 acres of rice, 1100 ac. of alfalfa and 38,906.4 acres of general crops in Reclamation District No. 1500.

App. 3210 (Placer and Eldorado Cos.) Henry Worth, Auburn, Cal., for 3334 cu. ft. per sec. and 2,440,000 ac. ft. per annum from American River, for power purposes. Proposes to develop 100,000 H. P.

Permits Issued

Following permits were issued by Division of Water Rights during month of November, 1922:

Permit 1199 (Los Angeles Co) Eugene W. Griffin, Little Rock, Cal., for .48 cu. ft. per sec. from underground water for domestic purposes and irrigation of 223 acres, est. cost $1000.

Permit 1206 (Shasta Co.) W. A. Munger and Albert Taylor, Henderson, Cal., for 2 cu. ft per sec. from Nelson Creek, for irrigation of 160 acres, est. cost $3000.

Permit 1207 (Shasta Co.) Victor Johnson, care of Chenoweth and Leininger, attys., Redding, Cal., for 2 cu. ft. per sec. from Nelson Creek, for irrigation of 160 acres, est. cost $3000.

Permit 1209 (Siskiyou Co.) David F. Skillen, Sawyers Bar, Cal., for .37 cu. ft. per sec. from North Fork Salmon River, for irrigation of 30 acres, est. cost $1000.

Permit 1210 (Contra Costa Co.) Margaret A. Lydikson, 1329 Vermont St., San Francisco, Cal., for .025 cu. ft. per sec. from a well and stream, for domestic purposes, est. cost $1500.

Permit 1211 (Shasta Co.) L. H. and Nora M. Selvester, Glenburn, Cal., for .9 cu. ft per sec. from Fall River, for irrigation of 72 acres, est. cost $1500.

Permit 1213 (San Diego Co.) H. S. Wolf, J. T. Davidson and M. S. Davidson, St James Hotel, San Diego, Cal., for .05 cu ft per sec. from an unnamed stream, for irrigation of 50 acres est. cost $1000.

Permit 1217 (Santa Barbara Co.) Samuel Robinson, Santa Barbara, Cal., for .015 cu ft per sec. from Cook Spring for irrigation of ten acres, est cost $1500.

Permit 1218 (Siskiyou Co.) C. U. Huff and A. B. Cravens, Dunsmuir, Cal., for .5 cu ft per sec. from an unnamed spring, for industrial and domestic uses, est. cost $1200.

Permit 1219 (San Luis Obispo Co.) E. S. Rigdon, Cambria, Cal., for .25 cu. ft. per sec. from Santa Rosa Creek for irrigation of 25 acres, est. cost $2000.

Permit 1227 (Trinity Co.) S. B. Ferguson, Salyer, Cal., for 1.13 cu. ft. per sec. from Sharber Creek, for irrigation of 60 acres, est. cost $1800.

Permit 1228 (Stanislaus Co.) Pacific Pea Packing Co., Oakdale, Cal., for 1.88 cu. ft. per sec. from Stanislaus River, for irrigation of 150.29 acres, est. cost $20,000.

Permit 1230 (Sonoma Co.) F. J. Tizadi et al, Healdsburg, Cal., for .81 cu. ft per sec. from Russian River, for irrigation of 64.78 acres, est. cost $2000.

December Permits

Permits issued by Division of Water Rights in December, 1922, follow:

Permit 1235 (Lassen Co.) Manuel Garnier et al, Doyle, Cal., for 3.06 cu. ft. per sec. from Long Valley Creek, est. cost $3000.

Permit 1236 (San Joaquin Co.) Mrs. H. G. Menking, 644 West Park, Stockton, Cal., for 2.5 cu ft per sec. from San Joaquin River, for irrigation of 200 acres.

Permit 1238 (Contra Costa Co.) H. L. Hill, Jr., Los Altos, Cal., for 2.0 cu. ft. per sec. from channel connecting Rock and Indian Sloughs for irrigation of 183.7 acres, est. cost $2000.

Permit 1239 (San Joaquin Co.) C. R. Lenfest, San Jose, for 11.56 ft. per sec. from Walthall Slough and San Joaquin River, for irrigation of 925 acres, est. cost $30,000.

Permit 1240 (Stanislaus Co.) Blanche B. Morton, Patterson, Cal., for .63 cu. ft. per sec. from Big Salada Creek, for irrigation of 50 acres, est. cost $3000.

Permit 1242 (Butte Co.) Gianella Land Co., Chico, Cal., for 9.00 cu. ft. per sec. from Sacramento River, for irrigation of 860 acres, est. cost $5000.

Permit 1243 (Colusa Co.) Lloyd Scoggins, Colusa, Cal., for .76 cu. ft. per sec. from Sacramento River, for irrigation of 60.72 acres, est. cost $5000.

Permit 1244 (Merced Co.) A. J. Turner, Stevinson, Cal., for 1.97 cu. ft. per sec. from San Joaquin River, for irrigation of 158 acres, est. cost $5000.

Permit 1246 (Sacramento Co.) Fred Martin and Al Carter, Sacramento, Cal., for 1.17 cu. ft. per sec. from Sacramneto River for irrigation of 93.59 acres, est. cost $3500.

Permit 1247 (Sacramento Co.) G. A. Meister, Sacramento, Cal., for 3.34 cu. ft. per sec. from American River, for irrigation of 267 acres, est. cost $5000.

Permit 1248 (Colusa Co.) H. W. Keller, 410 Merrit Bldg., Los Angeles, Cal., for 4.94 cu. ft. per sec. from Sacramento River, for irrigation of 395 acres near point of diversion, est cost $11,000.

Permit 1249 (Napa Co.) George H. Hall, Napa, Cal., for 1.00 cu. ft. per sec. from Napa River, for irrigation of 80 acres, est. cost $2000

Permit 1250 (Tehama Co) F. J. Tetrean Red Bluff, Cal., .35 cu. ft. per sec. from Sacramento River, for irrigation of 107.77 acres, est. cost $3000.

Permit 1251 (Inyo Co.) Revenue Copper Co., Los Angeles, Cal., for .50 cu. ft. per sec. from Knights Canyon, for mining purposes, est. cost $1200.

Permit 1252 (Mendocino Co.) John E. Cross, Spy Rock, Cal., for 1.18 cu. ft. per sec. from Burns Creek and John Cross Creek, for irrigation of 94.61 ac. est. cost $1000.

Permit 1253 (Merced Co.) C. L. Schmidt and J. Jorgenson, Gustine, Cal., for 2.50 cu. ft. per sec. from Dry Creek, for irrigation of 200 acres, est. cost $3500.

Permit 1254 (Sutter Co.) R. L. Morehead, Sutter, Cal., for 9.08 cu. ft. per sec from Sutter By-Pass, for irrigation of 728.4 acres, est. cost $11,000.

Permit 1256 (Contra Costa Co.) Horace L. Hill, Jr., Los Altos, Cal., for 6.48 cu. ft. per sec. from channel connecting Rock and Indian Sloughs, for irrigation of 518 acres, est. cost $40,000.

Permit 1258 (Calaveras Co.) John A. Gerber, Tuttletown, Cal., for $.59 cu. ft. per sec. from Bob Owen's Creek and Miller Creek, for irrigation of 47 acres est. cost $1000.

Permit 1260 (Los Angeles Co.) Wade M. Putnam, Ontario, Cal., for 0.12 cu. ft. per sec. from Canyon Spring, for irrigation of 10 acres, est. cost $1000.

Permit 1261 (Calaveras Co.) Wm. S. Dennis, Jenny Lind, Cal., for 6 cu. ft. per sec. from Calaveras River, for irrigation and domestic purposes. Proposes to irrigate 480 acres, est. cost $5000.

Permit 1262 (San Joaquin Co.) A. N. Davis, care A. L. Cowell, Atty., Stockton, Cal., for 3.60 cu. ft. per sec. from Calaveras River, for irrigation of 288 acres, est. cost $3000.

Permit 1263 (San Joaquin Co.) A. N. Davis, care A. L. Cowell, Atty, Stockton, Cal., for 2.50 cu. ft. per sec. from Calaveras River, for irrigation of 200 acres, est. cost $2000.

Permit 1264 (San Joaquin Co.) Raymond T. McGurk, Stockton, Cal., for 1 cu. ft. per sec. from Calaveras River, for agricultural purposes. Proposes to irrigate 293 acres, est. cost $3000.

Permit 1265 (San Bernardino Co.) John J. Seeman and Harry J. Pinney, Burbank and San Pedro, Cal., respectively, for .25 cu. ft. per sec. from a spring in a marsh, for domestic purposes, est. cost $2500.

LOS ANGELES, Cal.—Ryberg Bros., of Salt Lake City, Utah, submitted low bid for constructing a drainage ditch for the Union Pacific Ity Co. to protect its yards in Los Angeles from storm waters from the Pasadena district. The ditch will be about 2 miles long about 25 ft. wide and 5 ft .deep, lined with concrete.

PARADISE, Butte Co., Cal. — Eng. L. M. Edwards, of Paradise Irrigation District has completed spec. for lining approx. 2½ mi. of open ditch with 1-in. rein. gunite (alternative 2-in. cement plasterd); excav. balancing forebay, involv. approx. 2432 cu. yds. and lining approx. 2½-mi. of balancing forebay with 1-in. rein. gunite (alt. 2-in. cement plaster). Est. cost, $27,000.

LIGHTING SYSTEMS

ALHAMBRA, Cal.—Paulson Constr. Co., 504 Baker-Detwiler Bldg., Los Angeles, awarded contract by city commission at $3992 to const. ornamental lighting system in Garfield Ave., bet. Hellman Ave. and 210 ft. north of Ramona Blvd., and a portion of Ramona Blvd.

MACHINERY

WILLOWS, Glenn Co., Cal.—Until Feb. 13, 10 A. M., bids will be rec. by W. H. Sale, County Clerk, for fur. and del. for use in Rd. Dist. No. 4, one portable truck loader mounted or a steel truck with all steel and malleable iron bucket elevator, capacity of ½ to ¾ cu. yds. of crushed rock or gravel per minute; loader to have power plant consisting of F. B. 3½ HP gasoline motor, identical with or equal to Spearwell Little Giant loader. **See call for bids under official proposal section in this issue.**

SAN DIEGO, Cal.—Until 2 p. m., Jan. 24, bids will be received by Purchasing Dept. for two 5-ton trucks. Spec. on file with Wm. P. Bates, supt. Cert. check 5%.

RAILROADS

WASHINGTON, D. C. — David H. Ryan, 1615 Fern St., San Diego, Calif. on items 1 and 3 at $15,528, time 70 days, awarded contract by Bureau of Yards and Docks, Navy Department, under Spec. 4737, for cover for railroad track at San Diego Naval Base.

FIRE EQUIPMENT

SACRAMENTO, Cal.—City Commissioners will purchase equipment and establish a fire station in Forty-second St., East Sacramento. H. G. Denton, City Clerk.

SACRAMENTO, Sacramento Co., Cal. —The fire and police alarm systems in Sacramento will be extended and modernized under the terms of the proposed bond issue to be submitted within the immediate future to the city council for approval.

SEWERS, STREET WORK, ROADS & WATER SYSTEMS

WHITTIER, Cal.—Pernel Barnett, 630 E. Washington St., Orange, awarded contr. by Russell & Maple, agents for Eastridge subdivision, for constructing a sewer system in the tract. The contract price is about $16,000 and calls for laying about 12,000 ft. sewer, house connections, and manholes.

SANTA BARBARA, Cal.—Bid of Warren Constr. Co. at $49,767.65 for paving Islay St. with Warrenite rejected by council. This was the only bid submitted and was 21% higher than the engr's. estimate. The work will be re-advertised. Geo. B. Morrison, City Engineer.

SAN LEANDRO, Alameda Co., Cal.—City Eng. J. B. Holly preparing spec. to pave fifteen blocks of streets; pavement to be either asphalt base with asphalt surface or concrete base with asphalt surface. Est. cost $50,000.

GLENDALE, Cal.—Until 7 P. M., Jan. 18, bids will be rec. by City Clerk A. J. Van Wie for improving Carr Dr., School St. and a portion of Harvard St., involv. 1557 lin. ft. grading, 16,845 sq. ft. cem. walk, 3310 ft. curb, 53,325 sq. ft. 3-in. oiled macadam, 1062 ft. 4-in. and 584 ft. 6-in. Class B cast iron water pipe.

LONG BEACH, Cal.—Until 9:30 a. m., Jan. 23, bids will be received by city council for const. cem. pipe sewer in Broadway, in Ocean Park Ave. and Ocean Blvd., and the construction of cast iron pipe sewer in Ocean Blvd., hte. Golden Ave. and 85 ft. west; 1911 Act.

Separate bids for const. 30-in. reinf. conc. pipe sewer for drainage purposes in Redondo Ave., bet. Second St. and 105 ft. south from Ocean Blvd. 1911 Act. A. L. Ferver, director of public service.

SANTA ANA, Cal.—City Engr. W. G. Knox has estimated the cost of paving West Fifth St., from Baker St. to the city limits with 5-in. conc. slab placed over old paving at $75,000. A portion of this work will be done by the county. A petition for paving West Washington St., bet. Broadway and Lowell St. has been referred to city engr. for checking. Petition asks for cem. concrett.

RIO VISTA, Solano Co., Cal.—Municipal Improvement Co., 306 12th St., Oakland, at $98,243 submits low bid with town trustees to improve streets in District No. 1, involv. 800 lin. ft. headers; 178,000 sq. ft. 3½-inn. asph. conc. base with 1½-in. Warrenite surfacc pavement and 14,000 ft. 4-in. asph. conc base with 1½-in. warrenite surface pavement; 10,000 lin. ft. conc. curb; 20,000 sq. ft. conc. gutter; 220,000 sq. ft. sub-grade; 1200 lin. ft. corru. metal culvert and 5000 cu. yds. excavation. Other bidders were: Warren Const. Co., $99,836; Calif. Constr. Co., $102,534; Clark and Henery Const. Co., $104,708; Hugh Crummey, Oakland, $104,721; A. Teichert, Sacramento, $106,164; Federal Const. Co., San Francisco, $106,974.

Municipal Imp. Co., at $17,902, low bidders to improve streets in District No. 2, involv. 200 lin. ft. headers; 30,000 sq. ft. 3½-in. asph. conc. base with 1½-in. warrenite surface pavement; 2300 lin. ft. conc. curb; 4600 sq. ft. conc. curb; 4600 sq. ft. conc. gutter; 37,000 sq. ft. sub-grade; 200 lin. ft. corru. metal culverts; 1200 cu. yds. excavation. Other bidders were: A. Teichert & Son, $17,916; Warren Const. Co., $18,572; Cal. Const. Co., $18,630; Federal Const. Co., $19,224; Clarke and Henery Const. Co., $20,134; Hugh Crummey, $20,779. Bids taken under advisement. C. E. Sloan Co., Santa Fe Bldg., San Francisco, eng.

SANTA BARBARA, Cal.—City Mgr. Fred Johnson, instructed to advertise for bids for paving Carrillo St., est. cost $34,865. The pavement will be 56 ft. wide instead of 44 as originally planned. Geo. B. Morrison, city engr.

SANTA BARBARA, Cal.—Santa Barbara county supervisors plan to expend about $700,000 on the Santa Ynez valley road system, while the residents of that district will probably form a road dist. and issue $350,000 in bonds as their share of the improvement. County surveyor Owen H. O'Neill has completed plans for the improvement of the San Marcos pass, calling for a road 26 ft. wide. Bids will be asked for an grading adn draining, a second bid on paving alone, and a third bid on the complete work.

SAN RAFAEL, Marin Co., Cal.—S. P. Brownlee, San Rafael, at approx. $7,500 awarded cont. by supervisors to imp. portion of Fairfax-Bolinas county road in the vicinity of Fairfax Rd. Dist. 2.

SAN DIEGO, Cal.—G. R. Daly, 4430 Boundary St., San Diego, awarded contr. at $16,860 for paving Sixth St., betw. Upas St. and University Ave., involving 76,030.16 sq. ft. 1½-in. asph. concr. surface on 4-in. cem. concr. base.

LOS ANGELES, Cal. — City Council declares intention to improve Hillhurst Ave., bet. Los Feliz and Hollywood Blvds., and a portion of Hollywood Blvd., by grading and paving with 6-in. cem. conc., also grading and oiling on a portion of Avocado St., const. curb, walk and gutter. Vrooman Act.

Contract has been awarded by the San Francisco Board of Public Works to Anaconda Copper & Mining Co. to supply 177 Miles Electric Transmission Line Conductor, weighing approx. 1,025,892 pounds at $.1865 per pound.

Bids will be rec. by the San Francisco Board of Public Works on Jan. 24, 1923, for furnishing and delivering steel reinforced aluminum cable for the Moccassin Creek power plant at Hetch Hetchy.

SANTA BARBARA, Cal.—Council declares intention to change grade of Carrillo St., and portions of Laguna St.; also for const. vit. pipe house sewers, 6-in. san. sewers, conc. pipe drains, curbs, curb returns, conc. driveways; also by grading and paving with 6-in. cem. conc. paving; 1911 Act. Geo. B. Morrison, city engr.

LOS ANGELES, Cal.—Until 10 a. m., Jan. 29, bids will be received by board of public works for improving under Vrooman Act, the following streets:

First St. bet. Rampart Blvd. and Vermont Ave., involvfl 271,465 sq. ft. paving; 25,405 sq. ft. conc. paving; 1057 sq. ft. asph. remodeling; 3306 sq. ft. Warrenite-Bit. paving; 8187 ft. curb; 47,057 sq. ft. walk; 8789 sq. ft. gutter; storm drain; san. sewer; 2222 ft. 6-in. house sewers.

Vermont Ave., bet. Fountain Ave. and Fourth St., involv. 885 sq. ft. conc. paving; 20 ft. curb; 28,279 sq. ft. walk.

SONORA, Toulumne Co., Cal.—County Surveyor Robert Thom has been instructed to prepare plans and specifications for a short piece of road near Blanket Creek and the Bostater Ranch; also for a road in the March's Flat district from the D. W. Scofield ranch to the Mariposa county line three quarters of a mile in length, which will connect with the Mariposa county road leading from La Grange to Coulterville.

Also for a road from the state highway below Keystone to the Rock River road at the John Grohl place about one-half mile long.

SAN JOSE, Santa Clara Co., Cal.—The City Council of San Jose has published a Notice of Intention for improving Vine street from the south line of Willow street to the line of the southerly city limits by grading, paving with Warrenite-Bitulithic wearing surface 1½ inches thick upon a Bituminous concrete foundation 3 in. thick, cement concrete curbing, sidewolgs and gutters, brick catchbasins with standard cast iron top and frame, 8 in. vitrified pipe drains, etc.

LOS ANGELES, Cal.—Western Bldg. & Invest. Co., 1101 Haas Bldg., Los Angeles, desire bids for grading and constructing curbs and walks on 108th, 109th Sts., 109th Pl., 110th and 111th Sts., from Vermont Ave. to Hoover St. Contract price must be not more than 16c sq. ft. walk, 40c lin. ft. curb, and 25c yard grading. For further information apply to above office.

LOS ANGELES, Cal.—W. D. McCray, 416 American Bank Bldg., Los Angeles, submitted only bid to Board of Public Works Jan. 15 for improving Mt. Washington Dr., bet. Marmion Way and San Rafael Ave., involving grading at $14,000 (lump sum); 173,070 sq. ft. 5-in. concr. paving at 24c ft.; 19,982 sq. ft. finishgrading, oiling and rolling at 8c ft.; 245 ft. curb at 70c ft. — sq. ft. sidewalk at 24c sq. ft.; storm drain complete at $1200; three cement pipe culverts at $150; 535 ft. house sewers at $1.50 ft.; 4565 ft. guard rail at $1.25 ft.

LOS ANGELES. Los Angeles Co., Cal. —Wm. Liddington, 420 E. 60th St., Los Angeles, was awarded contract by the Board of Public Works Jan. 15, at $65,042.86 for paving Denker Ave., betw. Slauson Ave. and alley south of 6th Pl., involving 7076 sq. ft. concr. paving incl. grading at 24c ft.; 30,740 ft. curb at 34c ft.; 147,395 sq. ft. walk at 19.75c ft.; 65,313 sq. ft. concr. gutter, incl. grading, at 27c ft Engineer's est., $73,603.07. Other bida were: Joe Mullarkey, $65,136.38; Chas. Salata $67,164.32; C. E. Green, $67,198.01; W. D. McCray, $69,708.29; Geo. H. Oswald, $72,729.12; Roger Averill, $75,616.65; G. R. Curtis, $86,968.55

MERCED, Merced Co., Cal.—The contract for the construction of the 13.36 miles of pavement in Road District No. 4, on the West Side, was awarded by the Board of Supervisors to W. F. Hanrahan, Call Bldg., San Francisco, for $331,000. Two other bids were submitted, one of the Valley Paving & Construction Co. for $348,500 and one by A. Teichert & Son for $351,900. The bids call for an asphaltic concrete pavement.

SACRAMENTO, Cal.—The following contracts have been awarded by the City Council of Sacramento for street improvement:

To T. M. Burns, 2207 N St., Sacramento, improving the alley betw. J and K streets, from 3rd to 4th streets.

To Charles Craig improving Second Ave. near 36th St.

To J. W. Terrell, 111 29th St., Sacramento, improving the alley betw. T and U streets at 42nd street.

TULARE, Tulare Co., Cal.—The Tulare city board of trustees have acted favorably on a petition to pave L street from Pine to the fairgrounds, and recommended cement paving. The paving will be over eight blocks in length.

City Engineer Berryhill will draw up plans and specifications, and the board will advertise for bids as soon as possible.

LOS ANGELES, Cal.—Until 10 a. m., Jan. 29, bids will be received by the L. A. board of public works for constr. clay pipe sewer in first alley north of Bellevue Ave., bet. Andrews and Occidental Blvd., and in portions of Occidental and Andrews Blvds., involv. approx. 773 ft. 18-in., 12 ft. 12-in. pipe; 4 manholes, 2 catchbasins; Vrooman Act.

SOUTH PASADENA, Cal.—Smith & Loomis Contracting Co. awarded contr. by city trustees at about $6500 for laying water pipe on Monterey Rd., preparatory to paving. The paving has been ordered and bids will be called for at once.

FULLERTON, Orange Co., Cal. — Chamber of Commerce ia working on a plan to pave about thirty miles of city streets. It is proposed to pave every alley and street within the city limits. The work is promised by 1924.

CHICO, Butte Co., Cal.—Bids will be received until February 6, 1923, at 1:45 P. M., by C. P. Belding, Clerk of Butte County, for the construction of certain road work on the Nelson-Blavo County Bond Road, near the Town of Nelson. Specifications for the said work are on file in the office of the said Board, and also in the office of the County Road Engineer.

LONG BEACH, Cal.—Until 9:30 a. m. Jan. 23, bids will be rec. by Long Beach city council for improving Marietta St., bet. 8th and 9th Sts., and a portion of Cypress Way, by grading and paving with 4-in. cem. conc.; also for grading and paving alley east of Pasadena Ave extending north from State St., bet State St. and Dayman St. 1911 Act. A. L. Ferver, director of public service.

TULARE, Tulare Co., Cal.—J. A. Dowling, 2200 D St., Bakersfield, was awarded contr. by city trustees at $35,989 to imp. Salida Pl., bet. Kern and Tulare Sts., and Tulare St., bet. B and I Sts., involv. 2609 cu. yds. excav. at $1.50 yd.; 6535 ft. concr. curb at 60c ft.; 5989 sq. ft. concr. gutter at 50c ft.; 60 ft. corr. met. culverts at $1 ft.; 170 ft. steel pipe culverts at $1 ft.; 6 manholes at $50 each; 12 catchbasins at $25 each; 145.815 sq. ft. 1½-in. Warrenite-bitul. paving on 2½-in. asph. concr. base at 20.5c ft.; sewer connections at $1 each. Other bids were: Valley Paving & Constr. Co., $36,332; California Street & Road Imp. Co., $44,133; W. F. Hanrahan, $42,115; Clark & Henery Constr. Co., $40,243.

SAN DIEGO, Cal.—Warren Constr. Co., P. O. Box 1082 San Diego, submitted low bid to council to pave Lytton St., bet. Chatsworth Blvd. and Curtis St., involv. 91,418.4 sq. ft. 1½-in. Warrenite- bit. paving on 2½-in. asph. conc. base at 22.3c ft.; 2240.9 sq. ft. 535.9 ft. cem. curb at 80c ft; 40 ft. curtain wall, complete, at $45.

SAN DIEGO, Cal.—Calif. Constr. Co., 528 Granger Bldg., San Diego, submitted low bid to council to imp. Ivy St. bet. Balboa Park and India Street, involv. 76,098 sq. ft. 4-in. conc. paving at 20c ft.; 63,035 sq. ft. 1½-in. asph. conc. paving on 2½-in. bitum. base at 17.4c ft.; 314.8 ft. conc. curb at 75c ft.; 1809.7 sq. ft. walk at 22c ft.; 147 cu. yds. earth excav. at 80c yd.; 1036 cu. yds. earth embank at 70c yd. Griffith Co. (Fairchild-Gilmore-Wilton Co.) bid 23c conc. paving; 19.5c asph. conc. paving, 75c curb, 22c walk, $1.60 excav., 10c embank.

Olof Nelson, 1470 E St., submitted low bid to imp. Third St., bet. Hawthorne and Juniper Sts., involv. 1197.42 ft. curb at 65c ft.; 6068.16 sq. ft. walk at 22c ft. Other bids were: John H. Hess, 67c curb, 22c walk; V. A. Olson, 65c curb, 23c walk; H. H. Peterson, 65c curb, 23.5c walk. F. A. Rhodes, City Engineer.

LOS ANGELES, Cal.—Until 10 a. m. Jan. 24, new bids will be received by board of public works to const. sewer Beryl Sts., involv. 2696 ft. 8-in. cem. pipe sewer and 2086 ft. 6-in. house connections. Bids were previously taken on this job Dec. 4, but were rejected and the work ordered readvertised.

WHITTIER, Cal.—Collins & Egan, conc. pipe mfgrs., Whittier, awarded contract at approx. $16,000 for 4500 ft. 30-in., 1800 ft. 36-in. conc. pipe for Los Nietos and Banta Ditch Co. The pipe will be completed in about 60 days.

OAKLAND, Cal.—City Council, E. K. Sturgis, clerk, will provide $72,000 in next budget to extend the high pressure system along Oak and Market Sts., bet. 2nd and 14th Sts.

SANTA ANA, Cal. — Water Works Supply Co., Wright and Callender Bldg., Los Angeles, awarded contract by council at $39,987 for sewage screening plant in connection with new treatment plant and joint outfall sewer project. W. G. Knox, city engineer.

MERCED, Merced Co., Cal.—W. F. Hanrahan, Griffith-McKenzie Bldg., Fresno, at $331,000, awarded contract by supervisors to improve roads in Dos Palos and Volta Sections. Other bids Valley Paving and Const. Co., $348,000, A. Teichert & Son, $351,900.

SANTA ANA, Cal.—Wells & Bressler, 3 Calif. Bank Bldg., Santa Ana, submitted low bid to council to improve N. Artesia St., bet. W. First and W. Fifth Sts., and portions of other streets, involv. 44,650 sq. ft. grading and paving with 6-in. cem. conc. at 22.5c ft.; 16,359 sq. ft. grading and paving with 5-in. cem. conc. at 20c ft.; 1211 ft. curb at 50c ft.; 532 ft. house sewers at 15c ft.; culvert at $300.

FAIRFIELD, Solano Co., Cal.—Residents of Cypress Knoll, in the vicinity of Vallejo, will petition supervisors to organize district to finance construction of sewers. F. A. Steiger, county surv., will make surveys.

SAN DIEGO, Cal.—Until 10:30 a. m., Feb. 5, bids will be received by City Clerk A. H. Wright to improve Imperial Ave., Clinton St., Wabash St., Franklin Ave., Woolman Ave., Superba St., Superior St., Ada Ave., Gilmore St., 38th St., 39th St., 40th St., Milbrae St. and alley in block 2, Imperial Heights, San Diego, involv. 15,352.2 cu. yds. earth excav.; 8993.8 cu. yds. earth embank, 20,663.28 ft. cem. curb; 101,100.46 sq. ft. cem. sidewalk; 2115 sq. ft. cem. gutters; 11 culverts of corru. iron, comprising 132 ft. of 12-in. 880 ft. of 15-in. and 178 ft. of 24-in., together with catch basins and headwalls. 1911 Act. F. A. Rhodes, city engineer.

SAN FRANCISCO.—Bids will be received until February 14, 1923, 2 p. m., by the District Engineer, Bureau of Public Roads, U. S. Dept. of Agriculture at 981 Mills Bldg., S. F., for constructing the Butler Section, Salmon River Road within the Klamath National Forest, Siskiyou County, California. **See call for bids under Official Proposals.**

SAN DIEGO, Cal.—Council declares intention to improve Second St., bet. A and B Sts., and of A St., bet. 4th St. and Kettner Blvd., involving 119,674 sq. ft. paving with 2-in. asph. wearing surface, 1-in. binder course, and 4-in. cem. conc. base; 550.9 ft. cem curb; 2264.8 sq. ft. cem. sidewalks; 2 inlets to be altered; 1911 Act.

Intention declared to improve Madison Ave., bet. Rhode Island St. and Massachusetts St., involving 19,646.3 sq. ft. paving with 4-in. cem. conc.; 104.4 ft. cem. curb; 423.8 sq. ft. cem. sidewalk; 1911 Act. F. A. Rhodes, city engineer.

PORTLAND, Ore.—City council will hear protests Feb. 2 on proposed extension of North Branch of Rhine St. sewer; est. cost $160,000.

TUCSON, Ariz.—George B. Singleton, P. O. Box 176, Tucson, submitted low bid to city council for paving N. Main St. The bid was as follows: $23,213 for paving with 1½-in. Willite surface on 2½-in. bit. base; $21,870.20 for 1½-in. asph. conc. surface on 2½-in. bit. base; and $25,152.60 for 1½-in. Willite surface on 2½-in. Willite base. Borderland Constr. Co. bid $28,959.70 for 1½-in. Willite surface on 2½-in. bit. base, and at $30,586.95 for 1½-in. Warrenite surface on 2½-in. bit. base. Bids referred to City Engr. G. H. Atchley.

OAKLAND, Calif. — City Council awards contracts for street work as follows:

Heafey, Moore & McNair, 2030 High St., Oakland, sewers in 68th Avenue Acres; 8-in. pipe, $1.08; manholes, $60 lampholes, $15; drop connections $7.50 wye branch $75.

Bates and Borland, Bank of Savings Bldg., Oakland, portions of sts. in High Street Villa Tract; grading $.095; conc. curb, $.75; conc. gutter $.25; oil macadam pavement $.115; cem walks, $.175; conc inlet with c. l. grating $50; 10-in. conduit with conc. covering, $2; conc. handle $30; reln. conc. culvert, $6.

Oakland Paving Co., Oakland, portions of Valley St., conc. curb $.90; conc. gutter $.35; catchbasins $.90 10-in. pipe conduit $3; manholes $100.

Hutchinson Co., Hutchinson Bldg., Oakland, portions of 38th Ave and Kanning St., grading $.055; conc. curb $.75; conc. gutter $.26; oil macadam pavement $.115.

Cambar and Garden, Oakland, portion of Alcatraz Ave., 6-in. vit. pipe sewer $1.48; lamphole, $14; wye br. $1. Cambar and Garden, Oakland, portion of Beverly Ave., 8-in. pipe sewer $1.88; manhole $110; lamphole $14; wye branch $.75.

RICHMOND, Contra Costa Co., Cal.—City council plans early construction of subway under Santa Fe embankment at 16th St. Est. cost, $75,000 H. D. Chapman, city eng.

CRESCENT CITY, Del Monte Co., Cal.—Until Jan. 22, 8 p. m., bids will be received by city trustees to pave and sewer various streets; est. cost, $160,000. Low bid for this work was submitted last September by the Federal Construction Co., San Francisco, at approx. $206,000. Bids were rejected and specifications slightly revised reducing the cost of the work. C. C. Kennedy, Call Bldg., San Francisco, engineer.

SAN DIEGO, Cal.—G. R. Daley, 4430 Boundary St., submitted low bid to council to pave Hawk St., Douglas St., Ibis St. and Ibis Ct., involv. 63,077.68 ft. paving with 1½-in. asph. concrete wearing surface on 2½-in. bit. base at 16c ft.; 1167.05 sq. ft. walk at 20c ft.; 254.41 ft. curb at 60c ft.; one 4-in. cem. sewer lateral at $32; 40 ft. conc. wall at $20 complete.

SAN DIEGO, Cal. — City council awards contract for improving streets as follows:

California Constr. Co., 528 Granger Bldg., at $27,804.35 for paving Ivy St.

Olof Nelson, 1470 E St., at $2113.32 for constructing walks and curbs on Third St.

Griffith Co. (Fairchild-Gilmore-Wilton Co.) 20 14th St., at $3464.48 for paving Palm St.

LOS ANGELES, Los Angeles Co., Cal.—Ross Constr. Co., Oschner Bldg., Sacramento (Van Nuys Hotel, Los Angeles), submitted low bid to Los Angeles Board of Public Works Jan. 15, at $119,700 for excavating and disposing of about 700,000 cu. yds. material for sewage treatment plant at Hyperion; unit price 17.1c yd. This work consists of leveling sand hills on ocean front. Other bids were: John Balch, 696 12th St., San Pedro, $120,490, or 17.2c yd.; John H. Flick & Co., $136,500, or 19.5c yd.; Chas. Thompson and Charles U. Heuser, $147,000 lump sum; United Dredging Co., $153,740 lump sum, $25,000 to be deducted if city will agree to accept slopes as close as is practical to obtain with hydraulic monitor without further mechanical dressing; R. C. Breedlove, $156,800 or 22.4c yd.; Bent Bros., $182,000 lump sum; W. D. McCray, $187,400 lump sum; D. A. Foley submitted unsigned bid which was not delcared. Bids referred to city eng.

OAKLAND, Cal.—City Council, E. K. Sturgis, clerk, declares intention to improve Lyon Ave., bet. 35th and Arlington Aves., grading; conc. curbs, gutters; cem. walks, oil macadam pavement; 6-in. vit. pipe sewer lampholes; 2 br. manholes; br. catchbasins; vit. pipe wye branches. 1911 Act. Protests Feb. 8. W. W. Harmon, city eng.

RED BLUFF, Tehama Co., Cal.—City Eng. W. F. Luning preparing surveys for improvements to sewer system.

ALAMEDA, Alameda Co., Cal.—Cost of establishing new grade in Webster street, is estimated by City Eng. Burnett Hamilton at $152,000, exclusive of damage reparations.

OJAI, Cal.—City trustees are discussing a bond issue to provide a municipal sewer system. Present disposal of sewage by cess-pool is inadequatae.

BUSINESS OPPORTUNITIES

Further information regarding these opportunities may be had from Foreign and Domestic Trade Department, Chamber of Commerce, Merchants' Exchange Bldg., San Francisco.

6333—Mazatlan, Sin., Mexico. Producers of hardwoods seek connections in San Francisco.

6635—Osaka, Japan. Manufacturers of Paper napkins is in the market to buy a craping machine and desires a C. I. F. quotation, Kobe.

6636—Tampico, Mexico. Firm desires to buy a complete outfit for cleaning, drying, grinding, and packing sea salt for table use.

6640—Hamburg, Germany. German firm desires to import and export general products from San Francisco.

6644—Victoria, B. C. Firm will furnish cedar poles to San Francisco contracters who are building telephone and telegraph lines at prices said to be attractive.

6646—Prince Rupert, B. C. Canadian firm desires to purchase vanadium drill steel for mining.

6647—Osaka, Japan. Importers in Japan seek connection with firm handling scrap tin plate over one inch wide, obtained from by-products in canneries.

D-407—Philadelphia, Pa. Established selling company desires to take on additional accounts for distribution in their market, Philadelphia and vicinity.

D-409—Denver, Colo. Manufacturers' agent covering western states with headquarters in Denver desires to represent some California products or manufacturers in that region. Now in San Francisco.

D-411—Chicago, Ill. Party is in market for complete outfit of watch-making tools, including lathe.

D-412—Toledo, O. Manufacturer of radios and radio products desires distributor in California.

D-413—Chicago, Ill. Party desires to represent California manufactured products in Chicago trade territory.

D-414—Ojai, California. Party has formula for mixing chemicals which makes splendid preparation for preservation of leather goods, boots, skis, snow shovels, etc. Also has patent on several tools. Wants contract with reliable manufacturer who will handle same on a royalty basis, or will sell outright for cash.

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

$1,000 and Over Reported

The following is an Index for the contracts for this issue.

No.	Owner	Contractor	Amt.
139	Rocca	Owner	6000
140	Same	Same	3000
141	Pedwell	Larson	1925
142	Eldrup	Owner	5000
143	Ghedelovitz	Owner	15000
144	Born	Born	8000
145	Lobree	Olsen	8900
146	Force	Blanckenburg	20000
147	Gawthorne	Owner	5000
148	Bank of Italy	Owner	3000
149	Adams	Mager	3665
150	Payne	Lindeman	11304
151	Wright	Owner	1000
152	Century	Phoenix	2000
153	Hamill	Hamill	10500
154	Dixon	Owner	28500
155	Walsh	Harrington	2000
156	Peraino	Owner	3000
157	Morgan	Carrell	19100
158	Fuller	Roberts	4692
159	Halbot	Lawson	2755
160	Schell	Owner	10000
161	Quistad	Owner	7000
162	Spreen	Owner	8000
163	Giorgi	Grant	5500
164	Voorhies	Owner	18000
165	Anderson	Owner	4850
166	O'Hare	Peters	10000
167	Brownstone	Carlin	1200
168	Hansen	Owner	4000
169	Hansen	Owner	4000
170	Blumberg	Merritt	7000
171	Lobree	Olsen	8325
172	Madison	Butte	1000
173	S P Co.	Wagner	2664
174	Barrett	Hinson	7985
175	Wallace	Owner	7750
176	Nicholls	Wiander	7000
177	Eckert	Arnott	5800
178	Guisti	Owner	12000
179	McGilvary	Wagner	30000
180	Lauray	Owner	14000
181	Mailhebuau	Boxton	19838
182	Dunn	Martinelli	8990
183	Stevenson	Cahill	68800
184	Tay	Knittle	1997
185	Alaska	Ostlund	1000
186	Troutt	Bowers	1800
187	Cebrian	Owner	150000
188	Klink	Spingola	1000
189	Souther	Frasier	4000
190	Stein	Menges	1000
191	Boltano	Nicora	1000
192	Bonini	Spingola	3500
193	Sala	Cuneo	12000
194	Freeborn	Monson	2500
195	Weinberg	Owner	3000
196	Hopkins	Depew	2550
197	Allec	Petersen	34248
198	Allec	Atlas	2379
199	Sala	Cuneo	5100
200	Ellingson	Ellingson	15000

DWELLINGS
(139) E BAKER 28-4 and 58-6 S Post. Two one-story and basement frame dwellings.
Owner—Rocca Land Co., % Architect.
Architect—Mel. I. Schwartz, 1202 Nevada Bank Bldg., San Francisco.
Not Let. $3000 each

DWELLING
(140) SE BAKER AND POST. One-story and basement frame dwelling
Owner—Rocca Land Co., % Architect.
Architect—Mel. I. Schwartz, 1202 Nevada Bank Bldg., San Francisco.
Not Let. $3000

DWELLING
(141) E FAXON AVE 175 S De Montford. One-story and basement frame dwelling.
Owner—Geo. Pedwell, 210 Putnam St., San Francisco.
Architect—R. Irvine, 507 Call Bldg., San Francisco.
Contractor—Axel R. Larson, 350 Joost Ave., San Francisco. $1925

DWELLING
(142) E GOUGH 100 S Francisco. One-story and basement frame dwelling.
Owner—John Eldrup and C. Hermanson, 3723 Market St., S. F.
Architect—None. $5000

APARTMENTS, ETC.
(143) N SUTTER 104 W Webster. Three-story and basement frame store, apartments and housekeeping rooms.
Owner—B. Ghedelovitz, 825 Monadnock Bldg., San Francisco.
Architect—J. C. Hladik, Monadnock Bldg., San Francisco. $15,000

DWELLING
(144) W SANTA CLARA AVE 192 S San Anselmo. Two-story and basement frame dwelling.
Owner—Mary L. Born, 660 Market St., San Francisco.
Architect—S. A. Born Bldg. Co., 660 Market St., San Francisco.
Contractor—S. A. Born Bldg. Co., 660 Market St., San Francisco. $8000

FLATS
(145) E SIXTH 85 N Folsom. Two-story frame store and (2) flats.
Owner—M. Lobree, Rm. 711, 110 Sutter St., San Francisco.
Architect—Albert W. Burgren, 110 Sutter St., San Francisco.
Contractor—Olsen & Persson, 289 Fell St., San Francisco. $8900

APARTMENTS
(146) E TAYLOR 87-6 S Pine. Three-story and basement frame (6) apartments.
Owner—Anne Force, 851 California St., San Francisco.
Architect—None.
Contractor — E. Blanckenburg, 105 Montgomery St., S. F. $20,000

FLATS
(147) W WILLARD 119 N Parnassus. Two-story and basement frame (2) flats.
Owner — Dr. F. A. Gawthorne, Phelan Bldg., San Francisco.
Architect—None. $5000

ALTERATIONS
(148) NE FILLMORE AND POST. Alter store for banking quarters.
Owner—Bank of Italy, 1 Powell St., San Francisco.
Architect—None. $3000

(149) S TWENTY-FOURTH between Valencia and Mission 23x61-6. All work except plumbing, painting, electric, finish hardware, and fixtures for 1-story store bldg.
Owner—Wm. and Arthur Adams, 364 Fair Oaks St. San Francisc .
Architect—None.
Contractor—Mager Broa., 1318 Valencia St., San Francisco.
Filed Jan. 12, 1923. Dated Jan. 10, 1923.
Frame up $916
Brown coated 916
Completed and accepted..... 916
Usual 35 days 916
TOTAL COST, $3665
Bond, none; Sureties, none; Forfeit, none; Limit, none; Plans and specifications filed.

FRAME BLDG.
(150) LOTS 19 AND 20 BLK 2, Forest Hill. All work for one-story and basement frame building.
Owner—E. H. Payne.
Plans by Contractor.
Contractor—W. R. Lindeman, 530 Balboa St., San Francisco.
Filed Jan. 12, '23. Dated Dec. 26, '22.
Frame up and enclosed.....$2826.13
Rough plaster on..... 2826.13
Completed 2826.13
Usual 35 days..... 2826.13
TOTAL COST, $11,304.53
Bond, none. Limit, 125 days after Jan. 12, 1923. Forfeit, $10. Plans and specifications filed.

ALTERATIONS
(151) N CLEMENT 50 E Thirty-first Ave. Cement foundation; underpinning; alter for basement garage, etc., for dwelling.
Owner—Mrs. H. J. Wright, 357 5th Ave., San Francisco.
Architect—None. $1000

ALTERATIONS
(152) NE GEARY AND GRANT AVE. Install sidewalk lights.
Owner—Century Realty Co., 514 Market St., San Francisco.
Architect—None.
Contractor—Phoenix Sidewalk Light Co., Monadnock Bldg., S. F. $2000

GARAGE
(153) S GEARY 40 E Blake. Two-story brick (public) garage and flat.
Owner—Thos. Hamil, 6140 Geary St San Francisco.
Architect—J. J. Felcy, 770 5th Ave., San Francisco.
Contractor—Thos. Hamill, 6140 Geary St., San Francisco. $10,500

STORE, ETC.
(154) N TURK 137-6 W Taylor. Three story and basement brick Class "C" store and restaurant
Owner—Emma Dixon, 216 Turk St., San Francisco.
Architect—None. $28,500

DWELLING
(155) SW TINGLEY AVE 231 SE San Jose Ave. One-story and basement frame dwelling.
Owner—Theresa Walsh, 125 Sutter St., San Francisco.
Architect—None.
Contractor — Bud Harrington, 495 Rolph St., San Francisco. $2000

DWELLING
(156) — YOSEMITE ST., bet. Lane and Mendell. One-story and basement frame dwelling.
Owner—J. Peraino, 1734 Yosemite Ave. San Francisco.
Architect—None. $3000

OFFICE BLDG.
(157) SE SUTTER AND TAYLOR E 46-10xS 81-8. Lathing, plastering, furring and dampproofing, cement work and ornamental plaster for six-story and basement office bldg
Owner—J. S. Morgan & Sons, 425 Kearny St., San Francisco.

Architect—M. V. Politeo, First Nat'l. Bank Bldg., San Francisco.
Contractor—Thos. Carroll, 180 Jessie St., San Francisco.
Filed Jan. 13, '23. Dated Jan. 10, '23.
On 1st and 15th of each month 75%
Usual 35 days..... 25%
TOTAL COST, $19,100
Bond, $9550. Sureties, The Fidelity & Casualty Co. of New York. Limit, 60 days. Forfeit, $20. Plans and specifications filed.

ALTERATIONS
(158) NO. 504 STEINER. Alterations of two-story frame building into apartments.
Owner—E. W. Fuller, Premises.
Architect—J. C. Hladik, Monadnock Bldg., San Francisco.
Contractor—Roberts & Son, 338 Scott St., San Francisco.
Filed Jan. 13, '23. Dated Jan. 11, '23.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, $4692
Bond, $——. Sureties, Wm. F. Oszdorff and I. M. Oszdorff. Limit, 60 days. Forfeit, none. Plans and specifications filed.

PLUMBING, ETC.
(159) N— NATOMA AND EIGHTH NW 75xNE 275. Plumbing for two-story and (part mezzanine) reinforced concrete building with part basement for boiler room.
Owner—Talbot Investment Co.
Architect—J. E. Krafft & Sons, Phelan Bldg., San Francisco.
Contractor—Lawson & Drucker, 450 Hayes St., San Francisco.
Filed Jan. 13, '23. Dated Jan. 9, '23.
Sewering, water and gas service in $1350
Completed 705
30 days 700
TOTAL COST, $2755
Bond, $1400. Surety, Fidelity & Casualty Co. of New York. Limit, March 31, 1923. Forfeit, $40. Plans and specifications filed.

REPAIR SHOP
(160) SW BRYANT AND CENTER. One-story and basement brick auto repair shop.
Owner—Samuel Schell, 180 Jessie St., San Francisco.
Architect—None. $10,000

RESIDENCE
(161) N CALIFORNIA 107 E Eleventh Ave. Two-story and basement residence.
Owner—Quistad & Robertson, 1649 Webster St., San Francisco.
Architect—None. $7000

STORE
(162) S CLEMENT 32-6 E Sixth Ave. One-story frame store.
Owner—Wm. Spreen.
Plans by Owner. $8000

COTTAGE
(163) S GREENWICH 162 E Webster. One-story and basement frame cottage.
Owner—Nello Giorgi, 1742 Franklin St., San Francisco.
Architect—None.
Contractor—W. E. Grant, 1032 Geary St., San Francisco. $5500

FLATS
(164) E LOYOLA TERRACE 175, 208 and 241 N Fulton. Three two-story and basement frame flat buildings (2 flats each).
Owner—W. L. Voorhies, 50 Divisadero St., San Francisco.
Architect—None $6000 each

DWELLING
(165) W THIRTY-SECOND AVE 275 N Geary. Two-story and basement frame dwelling.
Owner—A. V. Anderson, 623 21st Ave., San Francisco.
Architect—None. $4850

RESIDENCE
(166) NW THIRD AVE AND FULTON Two-story and basement frame residence.
Owner—P. E. O'Hare Realty Co.
Architect—None.
Contractor—J. M. Peters, 1010 Balboa St., San Francisco. $10,000

APARTMENTS
(167) S JACKSON 124-3 E Franklin E 56-3xS 127-8½. Excavation for apartment house building.
Owner—Edgar H. Brownstone and I. R. Kissel.
Architect — Bliss & Faville, Balboa Bldg., San Francisco.
Contractor — Carlin Grading Co., 180 Jessie St., San Francisco.
Filed Jan. 15, '23. Dated Dec. 27, '22.
Monthly payments of..... 75%
Usual 35 days..... 25%
TOTAL COST, $1200
Bond, $600. Sureties, Buschket Brown and Arthur J. Granfield. Limit, Feb. 1, 1923. Forfeit, $10. Plans and specifications filed.

BUNGALOW
(168) E L FAXON AVE 40 S Plazzaro Way. 1-story & basement bungalow
Owner — Walter E. Hansen, 1919 San Jose Ave., S. F.
Architect—Ida F. McCain, 318 Kearny St., San Francisco. $4000

BUNGALOW
(169) NW COR FAXON AVE & PIZzaro Way. 1-story frame and basement bungalow.
Owner — Walter E. Hansen, 1919 San Jose Ave., S. F.
Architect—Ida F. McCain, 318 Kearny St., San Francisco. $4000

FLATS
(170) 2854 GREENWICH ST. 2-story and basement (2) flats.
Owner—M. Blumberg, 2856 Greenwich St., San Francisco.
Architect—None.
Contractor—George M. Merritt Bldg. Co 3014 Geary St., S. F. $7000

FRAME BLDG.
(171) E SIXTH 85 N Folsom N 25xE 57-6. All work for two-story frame building.
Owner—Elias A. Lobree, 367 12th Ave., San Francisco.
Architect—Albert W. Burgren, 110 Sutter St., San Francisco.
Contractor—Olson & Persson, 289 Fell St., San Francisco.
Filed Jan. 16, '23. Dated Jan. 12, '23.
Frame up $2000
Brown coated 2000
Completed and accepted..... 2240
Usual 35 days..... 2085
TOTAL COST, $8325
Bond, $4200. Sureties, A. F. Peterson and S. Person. Limit, 90 days. Forfeit, $5. Plans and specifications filed

ELECTRIC WORK
(172) SE HARRISON 75 SW Langton SE 137-6xSW 40. Conduit work, switches, wiring for three-story Class C building.
Owner—Jas. Madison, 112 Market St., San Francisco.
Architect — Nathaniel Blaisdell, 255 California St., San Francisco.
Contractor—Butte Electric & Mfg. Co., 534 Folsom St., San Francisco.
Filed Jan. 16, '23. Dated Dec. 26, '22.
Roughing in of wiring done....$350
Completed and accepted..... 400
Usual 35 days..... 250
TOTAL COST, $1000
Bond, $500. Surety, New Amsterdam Casualty Co. Limit, 30 days. Forfeit, $10. Plans and specifications filed.

HOSPITAL
(173) LOCATION NOT GIVEN. All work for store building for general hospital.
Owner—Southern Pacific Co., 65 Market St., San Francisco.
Architect—None.
Contractor—A. Wegner, 2745 16th St., San Francisco.
Filed Jan. 16, '23. Dated Jan. 11, '23.
At end of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $2664
Bond, $1998. Surety, Maryland Casualty Co. Limit, 45 days after beginning. Forfeit, none. Plans and specifications filed.

STORES
(174) N ELLIS 200 W Taylor W 25x N 137-6. All work for one-story reinforced concrete stores.
Owner—W. Barrett.
Architect—Arthur S. Bugbee, 26 Montgomery St., San Francisco.
Contractor—Louis A. Hinson, 1228 Grove St., San Francisco.
Filed Jan. 16, '23. Dated Jan. 12, '23.
Concrete walls poured.....$1996.25
Rough plastered 1996.25
Completed and accepted..... 1996.25
Usual 35 days..... 1996.25
TOTAL COST, $7985.00
Bond, $3993. Surety, W. M. Cas. Limit, 90 days. Forfeit, none. Plans and specifications filed.

APARTMENTS
(175) N BALBOA 32-6 E Twenty-seventh Ave. Two-story and basement frame (2) apartments and store.
Owner—E. Wallace, 2545 Balboa St., San Francisco.
Architect—A. J. Fabre and E. H. Hildebrant, 110 Sutter St., San Francisco. $7750

RESIDENCE
(176) W SEVENTH AVE 200 N Kirkham. Two-story and basement frame residence.
Owner—Mrs. Emma T. Nicholls, 560 29th St., San Francisco.
Architect—None.
Contractor—E. Wiander, 41 Coleridge St., San Francisco. $7000

RESIDENCE
(177) SE MERCED AVE. AND ALMS House Road. One-story and basement frame residence.
Owner—Mr. Eckert.
Architect — H. S. Stoner, 1st National Bank Bldg., San Francisco.
Contractor—Jas. Arnott & Son, 235 Granville Way, S. F. $5800

SHOP BLDG.
(178) NW SANSOME AND GREEN. Two-story concrete shop building.
Owner—S. A. Guisti, 617 Sansome St., San Francisco.
Architect—None. $12,000

RESIDENCE
(179) NW TWENTY-EIGHTH AND McLaren Aves. Two-story and basement frame residence.
Owner—J. D. McGilvary Jr.
Architect—None.
Contractor — George Wagner, 251 Kearny St., S. F. $30,000

FLATS
(180) W TENTH AVE 108-3 N Cabrillo. Two-story and basement frame (2) flats.
Owner—L. G. Lauray, 41 Montgomery St., San Francisco.
Architect—Fabre & Hildebrand, 110 Sutter St., San Francisco. $14,000

ALTERATIONS
(181) S PINE bet. Montgomery and Kearny No. 441 Pine. All work except plumbing, painting, electric wiring, finishing hardware, shades and lighting fixtures for two-story and basement Class C building (restaurant).
Owner—Camille Malthebuau, 425 Kearny St., San Francisco.
Architect—W. H. Crim Jr., 425 Kearny St., San Francisco.
Contractor—Boxton & Zwieg, Flatiron Bldg., San Francisco.

Filed Jan. 17, '23. Dated Jan. 15, '23.
TOTAL COST not to exceed $18,991; contractor to receive $847.
Bond, $9496. Sureties, E. C. and O. M. Hueter. Limit, 75 days. Forfeit, $15. Plans and specifications filed.

STORE BLDG.
(182) NE SACRAMENTO AND GRANT Ave. E 68-9 N 55 E 22-6 S 55 W 22-6. All work for one-story and basement concrete store building.
Owner—Chas. Dunn Clinch Co., Inc.,
Architect — H. C. Baumann and Edw. Jose, 251 Kearny St., S. F.
Superintendent—M. J. Rocca.
Contractor—J. Martinelli, 180 Jessie St., San Francisco.
Filed Jan. 17, '23. Dated Jan. 15, '23.
On 1st and 15th of each..... 76%
Usual 35 days..... 25%
TOTAL COST, $8890
Bond, $4495. Sureties, Pilarte Carmiganni and Frank L. Martinelli. Limit, 75 days. Forfeit, none. Plans and specifications filed.

GARAGE BLDG.
(183) SE STEVENSON 160 SW Ecker SW 150 SE 60 NE 57 SE 62 NE 138 NW 62 SW 45 — 80 to beg. All work except gasoline and oil tanks for two-story and basement reinforced concrete public garage.
Owner—Stevenson Garage, Inc.
Architect—Arthur S. Bugbee, 26 Montgomery St., San Francisco.
Contractor—Cahill Bros., 110 Sutter St., San Francisco.
Filed Jan. 17, '23. Dated Jan. 16, '23.
1st floor poured.....$12,900
2nd floor poured..... 12,900
Roofing in place..... 12,900
Completed and accepted..... 12,900
Usual 35 days..... 17,200
TOTAL COST, $68,800
Bond, $34,400. Surety, The Fidelity & Casualty Co. Limit, 100 days. Forfeit, none. Plans and specifications filed.

CONCRETE BLDG.
(184) N NATOMA AND EIGHTH NW 75xNE 275. Hot water heating system, oil burning system and oil tank, hot water supply system, vacuum cleaning system and incenerator for two-story and mezzanine reinforced concrete bldg.
Owner—George H. Tay Co., Second and Mission Sts., San Francisco.
Architect—J. E. Krafft & Sons, Phelan Bldg., San Francisco.
Contractor—Knittle Cashel Co.
Filed Jan. 17, '23. Dated Jan. 12, '23.
Piping roughed in.....$1000
Completed and accepted..... 497
36 days after..... 500
TOTAL COST, $1997
Bond, $1000. Surety, National Surety Co. Limit, as required. Forfeit, $40. Plans and specifications filed.

ALTERATIONS
(185) S CALIFORNIA 100 W Davis. Cut openings and install fire doors; line chart room with hollow tile and plaster.
Owner — Alaska Packing Corp., Wells Fargo Bldg., San Francisco.
Architect—None.
Contractor—Ostlund & Johnson 1901 Bryant St., San Francisco. $1000

ALTERATIONS
(186) NO. 2706 CALIFORNIA. Alter interior and exterior of flats.
Owner—Mrs. Jas. M. Troutt, Premises.
Architect—None.
Contractor—F. P. Powers, Berkeley. $1800

LOFTS
(187) NE FREMONT AND MISSION. Three-story and basement reinforced Concrete lofts.
Owner—Cebrian Estate Co., 1800 Claus Spreckels Bldg., San Francisco.
Architect—Geo. A. Applegarth, Claus Spreckels Bldg., S. F. $150,000

ALTERATIONS
(188) NO. 2499 GREENWICH. Minor alterations and additions for (3) flats.
Owner—Mrs. Sarah Klink, 2497 Greenwich St., San Francisco.
Architect—None.
Contractor—Spingola & Tomassini, 211 Moulten Alley, S. F. $1000

DWELLING
(189) S HOLOWAY 60 W Jules. One-story and basement frame dwlg.
Owner—J. W. Souther, 555 Taylor St., San Francisco.
Architect—None.
Contractor—Frasier & Frasier, 180 Jessie St., San Francisco. $4000

ALTERATIONS
(190) SE OAK AND DIVISADERO. New store front; composition floors in restaurant; cement flooring in basement.
Owner—William Stein Co., Fairfax, Marin Co., Calif.
Architect—None.
Contractor—Mengels Bros., 4792 Mission St., San Francisco. $1000

REPAIRS
(191) NO. 1518 POLK. Erect partitions and make other repairs for restaurant.
Owner—L. Boitano & Co., Premises.
Architect—None.
Contractor—Daniel Nicora, 809 Bryant St., San Francisco. $1000

DWELLING
(192) E STEINER 75 S Chestnut. One-story and basement frame dwelling.
Owner—Mrs. E. Bonini, 1813 Mason St., San Francisco.
Architect—None.
Contractor—Spingola & Tomassini, 211 Moulten Alley., S. F. $3500

DWELLINGS
(193) E YORK 145, 170, 195 N Twenty-third. Three one-story and basement frame dwellings.
Owner—Sala & Sala, 3090 16th St., San Francisco.
Architect—None.
Contractor—Jos. S. Cuneo, 354 Dolores St., San Francisco. $4000 each

REPAIRS
(194) E BEALE 138-2 S Market. Repair floors; elevators and stairs in loft building.
Owner—Freeborn Estate Co.
Architect—D. C. Coleman, 110 Sutter St., San Francisco.
Contractor—Monson Bros., 251 Kearny St., San Francisco. $2500

STORES
(195) N CLEMENT 70 E Funston Ave. One-story frame stores.
Owner—S. E. Weinberg, % Architect.
Architect—O'Brien Bros., Inc., 315 Montgomery St., S. F. $3000

BUNGALOW
(196) W FAXON AVE 375 S De Montford Ave S 25xW 112-6 Lot 23, Lakeview. All work for one-story frame bungalow.
Owner—W. S. Hopkins.
Architect—None.
Contractor—W. H. Depew, 3710 Sacramento St., San Francisco.
Filed Jan. 18, '23. Dated Sept. 8, '22.
$ 500 received by contractor.....
$1400 on installment loan to Citizens B. & L. Assn.....
$650 payable by note.....
TOTAL COST, $2550
Bond, limit, forfeit, none. Plans and specifications filed.

R C BLDG.
(197) W FOURTH 80 S Mission S 50 W 75 S 80 W 25 N 80 E 100. All work except elevator for three-story and basement reinforced concrete building.
Owner—J. Allec, 2140 Folsom St., San Francisco.
Architect—T. Paterson Ross, 310 California St., San Francisco.
Contractor—H. L. Petersen, Lick Bldg., San Francisco.
Filed Jan. 18, '23. Dated Jan. 15, '23.
Concrete poured to 1st story floor $5100
Concrete poured to 3rd story floor 5100
Roof on 5100
Plastering completed 5100
Completed and accepted..... 5286
Usual 35 days..... 8562
TOTAL COST, $34,248
Bond, $17,124. Sureties, D. J. Sullivan and L. B. Sibley. Limit, 100 days. Forfeit, $20. Plans and specifications filed.

(198) ONE HYDRO ELECTRIC RAM elevator on above.
Contractor—Atlas Elevator Co., 71 New Montgomery St., S. F.
Filed Jan. 18, '23. Dated Jan. 15, '23.
Guide posts in.....$595
Engine delivered 595
Completed and accepted..... 594
Usual 35 days..... 595
TOTAL COST, $2379
Bond, $1190. Sureties, Emil E. Gloor and Jas. S. Sampson. Limit, 100 days. Forfeit, $20. Plans and specifications filed.

COTTAGES
(199) E YORK 145 N Twenty-third N 75xE 100. Labor, mill work, tining and chimneys, tiling in sink, electric work, hardware and tar and gravel roof for three one-story frame cottages.
Owner—Sala & Sala, 3090 16th St., San Francisco.
Architect—None.
Contractor—Jos. L. Cuneo, 354 Dolores St., San Francisco.
Filed Jan. 18, '23. Dated Jan. 17, '23.
Frame up ..... ¼
Roof on ..... ¼
Plaster on ..... ¼
Usual 35 days..... ¼
TOTAL COST, $5100
Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

FLATS
(200) SW FIFTEENTH AVE AND Lincoln Way. All work for two-story frame building (2 flats).
Owner—Nanna Ellingson.
Architect—R. R. Irvine, Call Bldg., San Francisco.
Contractor — E. Ellingson, 180 Jessie St., San Francisco.
Filed Jan. 18, '23. Dated Jan. 15, '23.
Frame up $3750
Brown coated 3500
Completed and accepted..... 4000
Usual 35 days..... 3750
TOTAL COST, $15,000
Bond, none. Limit, 120 days after Jan. 20, 1923. Forfeit, plans and specifications, none.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Amount
Jan. 12, 1923—DAY 155 E Church 25x114. Peter A and Helen Stathos to A R Inglis.....Jan. 6, 1923
Jan. 12, 1923—N GEARY 105 W 15th Ave W 25xN 100. A and Dora Goldman to A L Thulin.Jan. 12, 1923
Jan. 12, 1923—NE BALBOA ANR Seventh Ave N 75xE 32-6. M S Harris and C W Lubliner to John V Stiefel.....Jan. 12, 1923
Jan. 12, 1923—E TENTH AVE 65 N Clement 35x32-6. G B Jackson to O M X Oyen.....Jan. 6, 1923
Jan. 12, 1923—E CAPITOL AVE 200 N Grafton Ave N 25xE 112-6 Lot 14 Blk 14, Lakeview. Max & Mildred A Breitman to James Arnott & Son .....Dec. 22, 1922

Jan. 12, 1923—NW CHURCH AND Valley N 30xW 100. Edmond Graham to Gustaf Heden..Jan. 12, 1923

Jan. 13, 1923—SW BROADWAY AND Franklin S 35-3xW 120. Hattie & Alexander Peiser, Minnie Lindeman and Carrie Hoffman to whom it may concern.....Jan. 5, 1923

Jan. 13, 1923—W EIGHTEENTH AV 175 N Anza N 25xW 120. Jos C Kirby to whom it may concern... .....Jan. 11, 1923

Jan 13, 1923—SE HOWARD AND Hawthorne 195x112-6. The San Francisco News Co to N F Nielsen .....Jan. 12, 1923

Jan. 13, 1923—NE TWENTY-FIFTH and Mission N 38xE 65. Jas and Mary Nicholson to Jas Jenssen.... .....Jan. 5, 1923

Jan. 15, 1923—W TWENTY-FIRST Ave 87-6 S Cabrillo S 37-6 W 120 N 25 E 25 N 12-6 E 95. Wm F Megannon to Peter Sartorio....Jan. 6, 1923

Jan. 15, 1923—LOT 25 BLK 21, Sunnyside (N Sunnyside Ave 300 E Foerster E 25xN 100). Charlotte E Christ to Geo C Todhunter..... .....Jan. 13, 1923

Jan. 15, 1923—E LONDON 125 N Geneva 25x100 No. 837 London. Geo A Stevens to whom it may concern .....Jan. 15, 1923

Jan. 15, 1923—N HUGO 95 E Fifth Ave E 25xN 100. Richard H Schieve to whom it may concern.. .....Jan. 15, 1923

Jan. 15, 1923—E FORTY-FIRST AV 225 S Cabrillo 25x120. Bessie and Edward F Helms to Edward F Helms .....Jan. 6, 1923

Jan. 15, 1923—ON MISSION 50 NE from Prussia No. 4687-4689 Mission A Corbelli to V Filippis.Jan. 10, 1923

Jan. 15, 1923—W FOURTEENTH AV 216 S Anza S 48xW 127-6. Mrs Lillian Stateler to E T Leiter & Sons.....Jan. 15, 1923

Jan. 16, 1923—LOT 15 BLK 3138 Westwood Park. Janet J Payne to Hans Nelson.....Jan. 12, 1923

Jan. 16, 1923—SE BOSWORTH AND Curvier. Chas Berg to Peter Sartorio .....Jan. 12, 1923

Jan. 16, 1923—S BALBOA 80 W 40th Ave W 27-6xS 100. Thos E Mohler to whom it may concern.Jan 16, 1923

Jan. 16, 1923—S BALBOA 107-6 W 40th Ave W 27-6xS 100. Hans Nielsen to Thos E Mohler.Jan. 16, '23

Jan 16, 1923—BLK BDED by Powell, Jefferson, Mason and Beach. Pacific Gas & Electric Co to Western Pipe & Steel Co. of Calif..... .....Jan. 15, 1923

Jan. 16, 1923—W ELEVENTH AVE 175 S Balboa S 25xW 120. Charles C Diebold to whom it may concern.....Jan. 15, 1923

Jan. 16, 1923—E THIRTY-NINTH AV 150 and 180 S Anza S 30xE 120. L M Carusio to whom it may concern .....

Jan. 16, 1923—S BALBOA 95 E 11th Ave E 25xS 100. Patrick J Halligan to Wm K Irvine.....Jan. 9, 1923

Jan 17, 1923—LOT 7 BLK 3137, Westwood Park. Hans and Esther E Nelson to whom it may concern.. .....Jan. 12, 1923

Jan. 17, 1923—E FIFTH AVE 150 S Cornwall S 25xE 120. Ernest and Selma Fechner to Edward Zinkand & Son.....Jan. 4, 1923

Jan. 17, 1923—THIRD AND KING. Southern Pacific Co to Unit Construction Co.....Jan. 8, 1923

Jan. 17, 1923—NW PACIFIC AND Montgomery. J A Yoakam to Fred Moller and R De Luca..Jan. 10, 1923

Jan. 17, 1923—LOYOLA TERRACE on N Fulton bet. Ashbury and Clayton Ptn Blk 1173. Michael A McLaughlin and W R Voorhies to Pacific States Con. Co..Dec. 30, 1922

Jan. 17, 1923—W FRANKLIN 55 N Francisco W 100xN 27-6. Henry and Elizabeth Boss to John Harder .....Jan. 16, 1923

Jan. 17, 1923—SW BRYANT AND Morris 50x75. E L Ruse to Walters & Grove.....Jan. 12, 1923

Jan. 18, 1923—N BALBOA 82-6 E Nineteenth Ave E 75xS 100. Vincent and Anita D Onorato to A M Hardy.....Jan. 18, 1923

Jan. 18, 1923—S O'FARRELL 195-3 W Taylor W 57-6x137-6. Frank S Kelly to F L Hansen and George H Zaro.....Jan. 17, 1923

Jan. 18, 1923—NE YERBA BUENA Ave dist 15 NW from dividing line bet. Lots 36 and 37 Blk 26 running N 67° 55' 25" E 85.54 to E line Blk 26 S 8o 28' E alg E line Blk 26, 117.31 to NE Yerba Buena Ave NW alg Yerba Buena Ave 127.90 to beg being Ptn Lots 36 and 37 Blk 26, St. Francis Wood Extn No. 2. Home Loan Corporation to W J Mangels and H C Mangels (as Mangels Bros.).....Jan. 17, 1923

Jan. 18, 1923—NE BDY LINE YERBA Buena Ave NW 15 alg NE bdy line from pt of intersection NE Yerba Buena Ave with dividing line bet. Lots 36 and 37 Blk 26 running N 67° 55' 25" E 85.54 to E line Blk 26 N 8° 28' 38.03 S 74° 36' 22" W 103.78 ta San Pablo Ave S alg E San Jablo Ave 12.12 th alg arc of curve to left with radius 35, 23.67 to pt on NE Yerba Buena Ave SE alg NE Yerba Buena Ave 16 to beg Ptn Lots 36 and 37 Blk 26, St. Francis Wood Extension No. 2. Home Loan Corporation to W J Mangels and H C Mangels (as Mangels Bros.).....Jan. 17, 1923

Jan. 18, 1923—S GROVE 156-3 E Clayton 25x157-6. F Arthur Gawthorne to whom it may concern.....Jan. 15, 1923

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Amount

Jan. 12, 1923—S DAY 180 E Church E 25xS 114. A M McKeown vs Armando Berti and A R Inglis...$60

Jan. 15, 1923—W TWENTY-FIFTH Ave 200 N Cabrillo N 75xW 120. Atlas Heating & Ventilating Co vs Knabenshuh & Morrison $66

Jan. 17, 1923—S DAY 180 E Church E 25xS 114. Schwarz & Gottlieb vs A R Inglis and Armondo Berti $37

Jan. 18, 1923—LOT 10 BLK 3135 Westwood Park No. 110 Greenwood Ave. Atlas Heating & Ventilating Co vs George S and Carmelita N Lane.....$142

Jan. 18, 1923—S DAY 180 E Church E 25xS 114. F E Newbery Electric Co vs Amanda M Berti.....$120

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded Amount

Jan. 13, 1923—N RICHLAND AVE 350 W Murry W 50xN 100. H S Thomson to M and Sarah Olson....$108.25

Jan. 17, 1923—LOT 1469 Gift Map 3. The Greater City Lumber Co to Margaret Ford $44.70

Jan. 18, 1923—W LONDON 200 S Italy Ave S 25xW 100 Ptn Blk 7 Excl Hd Assn. Joost Bros Inc to H A Selson .....

Jan. 18, 1923—E FORTY-FOURTH Ave 130 N Balboa N 30xE 80. Acme Lumber Co and Holmes Planing Mill Co to E Fosselins and Jas B McAndrews .....

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

Jan. 18, 1923—N SACRAMENTO 94-2 E Kearny E 21-8xN 59-6. Pauline Franklin as to improvements on property .....

BUILDING CONTRACTS

ALAMEDA COUNTY

$1,000 and Over Reported

The following is an index for the contracts for this issue:

No.	Owner	Contractor	Amt.
147	Munket	Owner	2000
148	Lundholm	Lundholm	6700
149	Cook	Malick	1800
150	MacGregor	Owner	24750
151	MacGregor	Owner	29700
152	MacGregor	Owner	5350
153	Reeves	White	2400
154	MacGregor	Owner	5350
155	MacGregor	Owner	19800
156	Standard	Owner	4000
157	Reid	Owner	5000
158	Whalin	Owner	11850
159	Santos	Owner	2000
160	Morengsand	Owner	3250
161	Vanjes	Roth	10000
162	Brennan	Flittner	3000
163	Dunham	Owner	3500
164	Ch. Brethern	Miller	14000
165	Jefferys	Murphy	15000
166	Mortensen	Johanson	2000
167	Dedricksen	Johnson	3750
168	Johnson	Johnson	3500
169	Kelman	Kelman	4500
170	Emerson	Johnston	1400
171	Tonjnes	Myers	2500
172	Lahr	Pfrang	4000
173	Barham	Norris	4000
174	Gregory	Westlund	2040
175	Johnson	Owner	2500
176	Avery	Pfaff	2500
177	Carler	Sommarstrom	--00
178	Malley	Owner	4000
179	Klingman	Klingman	3300
180	Kleermaker	Owner	1000
181	Foster	Owner	5000
182	McDougall	Perry	4000
183	Taylor	Owner	2500
184	Anderson	Owner	4950
185	Nielsen	West Coast	150000
186	Radkee	Reite	3000
187	Steffens	Owner	1500
188	Christy	McWethy	9000
189	Avellar	Owner	3000
190	Foster	Johnson	3000
191	Doel	Owner	3600
192	Martin	Owner	3400
193	Werner	Owned	2800
194	Berkeley	Owner	4500
195	Brazier	Owner	3000
196	Pallen	Owner	3950
197	Laroni	Pond	3000
198	Crane	Owner	4000
199	Dull	Bigelow	3500
200	Kunzel	Brookes	2950
201	Cryer	Hudson	3900
202	Schuler	Schuler	5000
203	Wierner	Diggs	30000
204	Mellena	Crane	5000
205	Olmo	Valente	2000
206	Fagnini	Morgan	3200
207	Witt	Short	2900
208	Shamdberg	Strang	10000
209	Cademorti	Strang	8500
210	Graham	Owner	3000
211	Sweetser	Owner	1500
212	Lowell	Thaxter	8000
213	Lannon	Owner	5000
214	House	Owner	1500
215	Healy	Owner	3000
216	Hauri	Owner	2000
217	Fish	Owner	4500
218	Rose	Souza	1500
219	Cleivenger	Calif	13500
220	Noble	Owner	5000
221	Russell	Owner	2800
222	Marquis	Owner	6500
223	Calhoun	Henderson	4750
224	West End	Williford	13126
225	Zunini	Curtletto	2500
226	Carpaneto	Kopf	6300
227	Tower	Lee	2000
228	Hill	Owner	3000
229	Lowe	Constable	3600
230	Grimes	Owner	5500
231	Lofving	Koester	——
232	Hink	Conner	18340
233	Hink	Conner	11630
234	Oakland	McGilvray	31125
235	Coultes	E ngler	3000
236	Barton	Owner	1000
237	Turner	Owner	2700

238	Pierce	Larmer	9800
239	Sweet	Owner	2000
240	Coody	Kent	2000
241	Beeson	Owner	4000
242	Rattazzi	Merritt	3500
243	General	Western	6000
244	Ridley	Hunnewell	3450
245	Reeves	White	7200
246	Roe	Owner	3500
247	Sharp	Owner	1000
248	Pleitner	Wells	3500
249	MacKay	Owner	3300
250	Birch	Owner	4000
251	Carlson	Owner	1000
252	Clark	Owner	6000
253	McIntier	Owner	3400
254	Oakland	Home	4280

DWELLING
(147) 1404 DERBY, Berkeley. 1-story 5-room dwelling.
Owner—Willy Munket, 2430 7th St., Berkeley.
Architect—None. $2000

DWELLING
(148) 1855 SAN RAMON AVE., Berkeley. 2-story 6-room dwelling.
Owner—Frank J. Lundholm, 218 E Market St., Stockton.
Architect—None.
Contractor — John M. Lundholm, 1717 Wood St., Alameda. $6700

ALTERATION
(149) 9320 ALMOND ST., Oakland. Alteration and addition.
Owner—Mary Cook, premises.
Architect—None.
Contractor—W. B. Malick, 2122 High St., Oakland. $1800

DWELLINGS
(150) 508, 514, 520, 526, 532 ATHOL AV Oakland. Five 1-story 6-rm. dwlgs.
Owner—C. M. MacGregor, 470 13th St., Oakland.
Architect—None. $4950 each

DWELLINGS
(151) 706, 712, 718, 724, 730, and 736 Brooklyn, Oakland. Six 1-story 6-room dwellings.
Owner—C. M. MacGregor, 470 13th St., Oakland.
Architect—None. $4950 each

DWELLING
(152) 700 BROOKLYN Ave., Oakland. One-story 6-room dwelling.
Owner—C. M. MacGregor, 470 13th St., Oakland.
Architect—None. $5350

DWELLING
(153) 3522 CUSTER ST., Oakland. One story 5-room dwelling.
Owner—R. E. Reeves, 1505 37th Ave., Oakland.
Architect—None.
Contractor—G. N. White, 4040 Vale Ave Oakland. $2400

DWELLING
(154) 701 CLEVELAND AVE. Oakland One-story 6-room dwelling.
Owner—C. M. MacGregor, 470 13th St., Oakland.
Architect—None. $5350

DWELLINGS
(155) 707, 715, 721, 727 CLEVELAND Oakland. Four 1-story 6-rm. dwlgs.
Owner—C. M. MacGregor, 470 13th St., Oakland.
Architect—None. $4950 each

STATION
(156) NE COR EIGHTY-SEVENTH & E-14th St., Oakland. 1-story steel service station.
Owner—Standard Oil Co., Oakland.
Architect—None. $4000

DWELLING
(167) 3600 HOPKINS ST., Oakland. 1-story 7-room dwelling.
Owner—S. C. Reid, 2447 E-22nd St., Oakland.
Architect—None. $5000

DWELLINGS
(158) 536 and 542 E-NINETEENTH ST and 515 E-20th St., Oakland. Three 1-story 5-room dwellings.
Owner—J. F. Whalin, Federal Bldg., Oakland.
Architect—None. $3950 each

DWELLING
(159) SW COR E-SIXTEENTH ST. & 14th Ave., Oakland. 1-story 4-room dwelling.
Owner—Wm. J. Santos, 1332 E-16th St. Oakland.
Architect—None. $2000

DWELLING
(160) 824 TWENTY-FOURTH ST., Oakland. 1-story 5-room dwelling.
Owner—Morengsand & Malandsone, 594 45th St., Oakland.
Architect—None. $3250

STORES
(161) N E-FOURTEENTH ST. 100 E 39th Ave., Oakland. 1-story stores.
Owner—A. Vanes, Oakland.
Architect—None.
Contractor—Conrad Roth, R.F.D. No. 3, Hayward. $10,000

DWELLING
(162) LOT 6 BLOCK B MAP KING Tract, Oakland. One-story 4-room dwelling.
Owner—Emma Brennan, 210 Church St. San Francisco.
Architect—None.
Contractor—Jos. Flittner, 1700 35th Av. Oakland.
Filed Jan. 12, 1923. Dated Jan. 11, 1923.
Frame up ..... ¼
Brown coated ..... ¼
Completed and accepted..... ¼
Usual 35 days ..... ¼
TOTAL COST, $3000
Bonds, none; Sureties, none; Forfeit, $1 day; Limit, 90 days; Plans and specifications filed.

(163) S BRYAN 150 W Peralta, Oakland. One-story 5-room dwelling.
Owner—R. E. Dunham, 2237 Peralta Ave., Oakland.
Architect—None. $3500

CHURCH
(164) SW FORTIETH AVE. AND SAN Juan, Oakland. One-story church
Owner—Church of Brethern, 3527 Custert St., Oakland.
Architect—None.
Contractor—Miller & Livingston, 4075 Foothill Blvd., Oakland. $14,000

ALTERATIONS
(165) SW FIFTY-FIFTH & GROVE, Oakland. Alterations and additions.
Owner—R. E. Jefferys, Premises.
Architect—Uone.
Contractor—Murphy F. Hamilton, 825 Santa Fe Ave., Berkeley. $15,000

ALTERATIONS
(166) NO. 55 HAMILTON PLACE, Oakland. Alterations.
Owner—H. B. Mortensen, 2679 Harrison St., Oakland.
Architect—None.
Contractor—L. Johnson & Son, 223 Greenbank Ave., Oakland. $2000

DWELLING
(167) W HADDON ROAD 120 S Brooklyn, Oakland. One-story 5-room dwelling.
Owner—M. F. Dedricksen, 1021 Campbell, Oakland.
Architect—one.
Contractor — L. Johnson & Son 223 Greenbank Ave., Oakland. $3750

DWELLING
(168) W HADDON ROAD 120 S Brooklyn, Oakland. One-story 5-room dwelling.
Owner—E. Johnson.
Architect—None.
Contractor—L. Johnson & Son, 223 Greenbank Ave., Oakland $3500

DWELLING
(169) NO. 5956 KEITH AVE., Oakland. Two-story 6-room dwelling.
Owner—Annie Kelman, 3099 Telegraph Ave., Oakland.
Architect—None.
Contractor—Kelman Bros., 3099 Telegraph Ave., Oakland. $4500

ALTERATIONS
(170) NO. 5671 MILES AVE., Oakland. Alterations.
Owner—Mrs. Sarah Emerson.
Architect—None.
Contractor—A. R. Johnston, 1518 4th Ave., Oakland. $1400

DWELLING
(171) NO. 4411 VIRGINIA ST., Oakland One-story 5-room dwelling.
Owner—John Tonjnes.
Architect—None.
Contractor—W. J. Myers, 3214 High St., Oakland. $2500

DWELLING
(172) NO. 534 WESLEY AVE., Oakland. One-story 5-room dwelling.
Owner—W. Lahr.
Architect—None.
Contractor—C. J. Pfrang, 480 Forest St., Oakland. $4000

DWELLING
(173) NO. 2310 CURTIS, Berkeley. One story 5-room dwelling.
Owner—Barham Co., 40th and San Pablo Ave., Emeryville.
Architect—None.
Contractor—Ralph Norris, 839 Vermont St., Oakland. $4000

ADDITION
(174) NO. 1436 GREENWOOD TERrace, Berkeley. Addition.
Owner—Warren Gregory.
Architect—None.
Contractor—Fred J. Westlund, 351 12th St., Oakland. $2040

DWELLING
(175) NO. 2246 McGEE, Berkeley. One story 6-room dwelling.
Owner—Otto Johnson, 3120 Grove St., Berkeley.
Architect—None. $2500

DWELLING
(176) NO. 1435 MILVIA ST., Berkeley. One-story 5-room dwelling.
Owner—W. J. Avery, 1604 Josephine St., Berkeley.
Architect—None.
Contractor—Fred Pfaff, 1605 Grant St., Berkeley. $2500

ALTERATIONS
(177) NO. 2416 TELEGRAPH AVE., Berkeley. Alterations.
Owner—R. A. Carler, Premises.
Architect—None
Contractor—M. F. Sommarstrom, 2215 Park Blvd., Berkeley. $1500

DWELLING
(178) NO. 614 BOULEVARD WAY, Oakland. One-story 6-room dwlg.
Owner—F. T. Malley, 900 Lakeshore Ave., Oakland.
Architect—None. $4000

DWELLING
(179) NO 5667 GENOA ST., Oakland. One-story 5-room dwelling.
Owner—Henry Klingman, 1609 Stuart St., Berkeley.
Architect—None.
Contractor—J. Klingman $3300

DWELLING
(180) N GREENLY DRIVE 154 E Columbia Drive, Oakland. One-story 3-room dwelling.
Owner—Wm. De Kleernaker.
Architect—None $1000

ADDITION
(181) No. 5512 GROVE ST., Oakland. One-story brick addition.

Owner—Fred E. Foster, 3001 Lee St., Oakland.
Architect—None. $5000

DWELLING
(182) NO. 2320 EIGHTH AVE., Oakland. One-story 5-room dwelling.
Owner — A. S. McDougall, 753 Haight Ave., Alameda.
Architect—None.
Contractor—J. F. Perry, 753 Haight Ave., Alameda. $4000

DWELLING
(183) NO. 1464 EIGHTY-SECOND Ave., Oakland. One-story 5-room dwelling.
Owner—L. S. Taylor, 1621 Tenth Ave., Oakland.
Architect—None. $2500

DWELLING
(184) NO. 1106 EXCELSIOR AVE., Oakland. Two-story 7-room dwlg.
Owner—Wm. E. Anderson, 14 Croxton Ave., Oakland.
Architect—None. $4950

CANNERY
(185) NW COR. NINETY-EIGHTH AV. and S. P. R.R., Oakland. 2-story brick, conc. & frame cannery.
Owner—Nielsen Packing Co., 16 Calif. St., San Francisco.
Architect—None.
Contractor—West Coast Const. Co.; 519 Calif. St., S. F. $150,000

DWELLING
(186) 5723 SHATTUCK AVE., Oakland 1-story 5-room dwelling.
Owner—Geo. A. Radkee, 5125 Shattuck Ave., Oakland.
Architect—None.
Contractor—Reite Bros., 470 Lincoln Av Alameda. $3000

DWELLING
(187) W FIFTY-EIGHTH AV. S Tevis Oakland. 1-story 4-room dwelling.
Owner—F. Steffens, 1634 104th Avenue, Oakland.
Architect—None. $1500

STORES
(188) SE FORTIETH & Telegraph Ave Oakland. 1-story stores.
Owner—H. W. Christy, 505 17th St., Oakland.
Architect—None
Contractor—McWethy & Greenleaf, 505 17th St., Oakland. $9000

DWELLING
(189) 461 THIRTY-EIGHTH ST., Oakland. 1-story 5-room dwelling.
Owner—Frank Avellar, 329 Latimer Pl. Oakland
Architect—None. $3000

DWELLING
(190) NE SEVENTY-THIRD AVE & Lockwood, Oakland. All work for store and dwelling.
Owner—C. and Nellie Foster, Oakland.
Architect—None.
Contractor—Alfred Johnson and V. Winthers, 1802 55th Ave, Okd.
Filed Jan. 15, '23. Dated Jan. 12, '23.
Building Inspected.....$ 525
Brown coated 525
Deeds to two lots.....
When completed .....
Usual 35 days..... 1050
TOTAL COST, $3000
Bond, none Limit, 90 days from Jan. 20 Forfeit, $1. Plans and specifications, none.

DWELLING
(191) 1246 BERKELEY WAY, Berkeley 1-story 6-room dwelling.
Owner—J. A. Doel, 1810 Russell St., Berkeley
Architect—None $3600

DWELLING
(192) 1428 CARLTON, Berkeley. One-story 6-room dwelling
Owner—J. H. Martin, 9283 Thermal Ave Oakland.
Architect—None. $3400

DWELLING
(193) 1003 CHANNING WAY, Berkeley 1-story 5-room dwelling.
Owner—Chas. A. Werner, 2416 10th St., Berkeley.
Architect—None. $2800

DWELLING
(194) 1741 CAPISTRANO, Berkeley. 2-story 6-room dwelling.
Owner—Berkeley Bldg. Co., Solano & Colusa, Berkeley.
Architect—None. $4500

DWELLING
(195) 1711 ROSE ST., Berkeley. One-story 5-room dwelling.
Owner—Jas. W. Brazier, 1912 Blake St., Berkeley.
Architect—None. $3000

DWELLING
(196) 1736 SAN PEDRO, Berkeley. 1-story 6-room dwelling.
Owner—A. H. Pallen, 681 61st St., Oakland.
Architect—None. $3950

DWELLING
(197) 2404 SPAULDING, Berkeley. 1-story 6-room dwelling.
Owner—L. Saroni, 705 Sansome St., San Francisco.
Architect—None.
Contractor—C. P. Pond, 1163 Ashmont Ave., Berkeley. $3000

DWELLING
(198) 1759 TACOMA, Berkeley. 2-story 7-room dwelling.
Owner—C. B. Crane, 2965 Cedar St., Berkeley.
Architect—None. $4000

DWELLING
(199) 2212 WOOLSEY, Berkeley. One-story 5-room dwelling.
Owner—Chas. Dull, 2017 Woolsey, Berkeley.
Architect—None.
Contractor—J. E. Bigelow, 2224 Atherton, Berkeley. $3500

DWELLING
(200) N CALIFORNIA 60 W Maple, Oakland. One-story 4-room dwlg.
Owner—Mrs. B. Kunzel, 2906 California St., Oakland.
Architect—None.
Contractor—F. W. Brooks, 3456 Fruitvale Ave., Oakland. $2950

DWELLING
(201) NO. 3930 EVERETT AVE., Oakland. One-story 5-room dwlg.
Owner—Helen E. Cryer.
Architect—None.
Contractor—L. G. Hudson, 1771 Evers Ave., Oakland. $3900

DWELLING
(202) S EXCELSIOR 125 W Wesley, Oakland. One-story 6-room concrete dwelling.
Owner — Eugene Schuler, 1946 Park Blvd., Oakland.
Architect—None.
Contractor—Schuler & McDonald, 808 12th St., Oakland. $6000

APARTMENTS
(203) N FOURTEENTH 140 W West, Oakland. Tthree-story 42-room apartments.
Owner—L. W. Wierner, 111 Broadway, Oakland.
Architect—None.
Contractor—M. I. Diggs, 1901 Telegraph Ave., Oakland. $30,000

DWELLINGS
(204) NO. 727 and 731 FORTY-SIXTH St., Oakland. Two one-story 4-room dwellings.
Owner—P. D. Mellena.
Architect—None.
Contractor—F. A. Crane, 806 57th St., Oakland. $2500 each

DWELLING
(205) NO. 622 FORTY-FIFTH ST., Oakland. One-story 4-room dwelling.
Owner—V. Olmo.
Architect—None.
Contractor—M. E. Valente, 5215 Locksley Ave., Oakland. $2000

DWELLING
(206) NO. 4026 FULLERTON ST., Oakland. One-story 5-room dwlg.
Owner—C. Fagnini, 3924 Midvale Ave., Oakland.
Architect—None.
Contractor—W. A. Morgan, 3702 Allendale, Oakland. $3200

DWELLING
(207) E FORTY-FIRST AVE 40 N E Sixteenth, Oakland. One-story 4-room dwelling.
Owner—Max Witt.
Architect—None...
Contractor — C. W. Short, 574 Rosal Ave., Oakland. $2900

DWELLING
(208) N HADDON ROAD 50 E Hilgirt Circle, Oakland. Two-story 8-room dwelling.
Owner—C. C. Shamdberg, S. F.
Architect—None.
Contractor — Fred Strang, 1407 Paru St., Alameda. $10,000

DWELLING
(209) E HADDON ROAD 85 S Hilgirt Circle, Oakland. Two-story 8-room dwelling.
Owner—Paul Cademorti.
Architect—None.
Contractor — Fred Strang, 1407 Paru St., Alameda. $8500

DWELLING
(210) 1607 HIGH ST., Oakland. One-story 5-room dwelling.
Owner—C. H. Graham, 4234 E-16th St., Oakland.
Architect—None. $3000

DWELLING
(211) S MOUNTAIN BLVD & ADMIRal Way, Oakland, 1-story 4-room dwelling.
Owner—C. L. Sweetser, R.F.D. No. 1, Oakland.
Architect—None. $1500

DWELLING
(212) 6200 MONOA, Oakland. 2-story 9-room dwelling.
Owner—Dr. W. H. Lowell, 6036 College Ave., Oakland.
Architect—None.
Contractor—F. W. Thaxter, 2117 Derby St., Berkeley. $8000

WAREHOUSE
(213) 362 MAGNOLIA St., Oakland. 2-story warehouse.
Owner—Lannon Bros. Mfg. Co., prem.
Architect—None. $5000

DWELLING
(214) SW COR ROBERTS & FIFTY-fifth Ave., Oakland. 1-story 3-room dwelling.
Owner—T. W. House, 6441 Foothill Blvd., Oakland.
Architect—None. $1500

DWELLING
(215) N RAMONA AVE 34 W Moraga, Rd., Oakland. 1-story 5-room dwlg.
Owner—P. J. Healy, 39 Nace Ave., Pied.
Architect—None. $3000

ADDITION
(216) W SHAFTER 137 N 45th St., Oakland. Addition.
Owner—Hauri & Wierk, 822 56th St., Oakland.
Architect—None. $2000

DWELLING
(217) 1144 E-THIRTY-THIRD ST., Oakland. 1-story 5-room dwelling.
Owner—L. C. Fish, 2453 Park Blvd., Oakland.
Architect—None. $4500

DWELLING
(218) 811 TWENTY-EIGHTH AVE., Oakland. 1-story 4-room dwelling.
Owner—J. Rose, 815 28th Ave., Oakland
Architect—None.
Contractor—J. F. Souza, 716 29th Ave., Oakland. $1500

FLATS
(219) E WALKER AVE. 203 N Cottage, Oakland. 2-story 6-room flats.
Owner—Albert Clevenger, Oakland.
Architect—None.
Contractor — California Builders Co., 1534 Franklin St., Oakland. $13,500

DWELLING
(220) S WELDON ST 40 E Scott St., Oakland. 1-story 6-room dwelling.
Owner—G. H. Noble, Park & Central Aves., Alameda.
Architect—None. $5000

DWELLING
(221) 1351 ADDISON, Berkeley. One-story 4-room dwelling.
Owner—Chas. A. Russell, 3528 Porter St. Oakland.
Architect—None. $2800

DWELLINGS
(222) 1401 & 1402 EDITH, Berkeley. 2 1-story 5-room dwellings.
Owner—P. E. Marquis, 2045 Shattuck Ave., Berkeley.
Architect—None. $3250 each

DWELLING
(223) 581 EUCLID, Berkeley. 2-story 6-room dwelling.
Owner—Geo. M. Calhoun.
Architect—None.
Contractor—E. F. Henderson, 5744 Keith Ave., Oakland. $4750

DWELLINGS
(224) 1808, 1812, 1816, 1820, 1824, 1830 Chestnut St., Alameda. Six 1-story 4-room dwellings.
Owner—West End Building Assn. Alameda.
Architect—None.
Contractor — Howard Williford, 3265 Central Ave, Alameda $2186 each

DWELLING
(225) 1862 EIGHTH ST., Alameda 1-story 4-room dwelling.
Owner—L. Zunini.
Architect—None.
Contractor—J. Curtletto Co., premises. $2500

DWELLING
(226) 320 PACIFIC AVE., Alameda. 1-story 6-room dwelling.
Owner—T. Carpaneto, 35 Pacific Ave., Alameda.
Architect—None.
Contractor—Ben F. Kopf, 845 Pacific Ave., Alameda. $6300

ADDITION
(227) 1835 SAN ANTONIO AVE, Alameda. Addition.
Owner—Mrs. C. Tower, premises.
Architect—None.
Contractor—Samuel Lee, 2010 Encinal Ave., Alameda. $2000

DWELLING
(228) 6115 FOOTHILL BLVD., Oakland 1-story 5-room dwelling.
Owner—Hill & Walters, 1600 High St., Oakland.
Architect—None. $3000

DWELLING
(229) E LAUREL AVE 80 N School, Oakland. 1-story 5-room dwelling.
Owner—Johanna Lowe, 3000 School St., Oakland.
Architect—None.
Contractor — W. C. Constable, 3306 School St., Oakland $3600

DWELLING
(230) NO. 3469 WOODRUFF AVE., Oakland. Two-story 6-room dwlg.
Owner—Robert D. Grimes, 355 12th St., Oakland.
Architect—None. $5500

DWELLING
(231) LOT 13 BLK "E" Map Piedmont Knoll being No. 1060 Warfield Ave., Oakland. All work for one-story 6-room dwelling.
Owner—Hulda E. and Harry K. Lofving, 1037 24th St., Oakland.
Architect—None.
Contractor—Charles J. L. Koester & Son, 5366 Wentworth Ave., Okd.
Filed Jan. 17, '23. Dated Jan. 16, '23.
Frame up $1500
Brown coated 1500
Standing trim completed..... 1500
Completed .....Balance
TOTAL COST plus 10%
Bond, none. Limit, 120 days. Forfeit, plans and specifications, none.

STORE BLDG.
(232) N CENTER 256 W Shattuck Ave. Berkeley. All work for reinforced concrete store building.
Owner—Lester W. & J. F. Hink, Shattuck and Kittridge, Berkeley.
Architect—Jas. W. Plachek, 2014 Shattuck Ave., Berkeley.
Contractor—Conner & Conner, 1733 Francisco St., Berkeley.
Filed Jan. 17, '23. Dated Jan. 15,'23.
On 1st and 10th of each month 75%
Usual 35 days..... 25%
TOTAL COST, $18,340
Bond, none. Limit, 80 days. Forfeit, none. Plans and specifications filed.

GARAGE
(233) S ADDISON 273 W Shattuck Ave., Berkeley. All work for reinforced concrete garage.
Owner—Lester W. & J. F. Hink, Shattuck and Kittridge, Berkeley.
Architect—Jas. W. Plachek, 2014 Shattuck Ave., Berkeley.
Contractor—Conner & Conner, 1733 Francisco St., Berkeley.
Filed Jan. 17, '23. Dated Jan. 15,'23.
On 1st and 10th of each month 75%
Usual 35 days..... 25%
TOTAL COST, $11,530
Bond, none. Limit, 80 days. Forfeit, none. Plans and specifications filed.

GRANITE WORK
(234) E BROADWAY 55 N Twelfth N 45xE 100, Oakland. Granite work for 17-story Class A bank and office building.
Owner—The Oakland Bank.
Architect — Reed & Corlett, Oakland Bank of Savings Bldg., Oakland.
Contractor — McGillvray - Raymond Granit Co., 634 Townsend St., San Francisco.
Filed Jan. 16, '23. Dated Jan. 8, '23.
10th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $31,125
Bond, $15,563. Sureties, Chas. E. Tallmadge and William F. Migannon. Limit, 1 year. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(235) NO. 2515 DWIGHT WAY, Berkeley. Alterations.
Owner—Mrs. Coultes.
Architect—None.
Contractor—Louis Engler, 2940 Forest Ave., Berkeley. $3000

ALTERATIONS
(236) NO. 3012 GROVE ST., Berkeley. Alterations.
Owner—F. E. Barton. Premises.
Architect—None. $1000

DWELLING
(237) NO. 1235 PARKER ST., Berkeley One-story 5-room dwelling.
Owner—L. B. Turner, 1308 Blake St., Berkeley.
Architect—None. $2700

STORES & FLATS
(238) E BDWY 146 S Ridgeway, Oakland. 2-story stores and flats.
Owner—G. Pierce, Santa Rosa.
Architect—None.
Contractor—Edw. Larmer, 90 Fairview Ave., Piedmont. $9800

DWELLING
(239) E-EIGHTY-SEVENTH AVE 220 N E-14th St., Oakland. 1-story 4-room dwelling.
Owner—B. E. Sweet.
Architect—None. $2000

DWELLING
(240) S EIGHTH ST 80 W Campbell, Oakland 1-story 5-room dwelling.
Owner—M. A. Coody, 801 Campbell, Okd.
Architect—None.
Contractor—M. A. Kent, 1227 8th St., Oakland. $2000

DWELLING
(241) 859 FORTY-SEVENTH ST., Oakland. 1-story 4-family dwelling.
Owner—W. E. Beeson, 1717 Cedar St., Berkeley.
Architect—None. $4000

DWELLING
(242) 5042 FOOTHILL BLVD., Oakland. 1-story 5-room dwelling.
Owner—Joe Rattazzi, 1233 52nd Ave., Oakland.
Architect—None.
Contractor—J. W. Merritt, 976 14th St., Oakland. $3500

TANK TOWER
(243) S E-FOURTEENTH ST. 150 E 54th Ave., Oakland. 1-story steel tank tower.
Owner — General Electric Co., Rialto Bldg., San Francisco.
Architect—None.
Contractor—Western Pipe & Steel Co., San Francisco. $6000

DWELLING
(244) 4165 HOPKINS St., Oakland. 1-story 5-room dwelling.
Owner—A. & E. M. Ridley, premises.
Architect—None.
Contractor—N. Hunnewell, 1345 Hopkins St., Oakland. $3450

DWELLINGS
(245) 2207, 2215, and 2221 HARRINGTON, Oakland. 3 1-story 5-rm. dwlgs
Owner—R. E. Reeves, 1505 37th Ave., Oakland.
Architect—None.
Contractor—G. N. White, 4040 Vale Ave Oakland. $2400 each

DWELLING
(246) E HAVENSCOURT BLVD. 315 N Avenal, Oakland. 1-story 5-rm. dwelling.
Owner—Allan Roe, 2354 E-23rd St. Okd.
Architect—None. $3500

ALTERATION
(247) 5972 KEITH AVE., Oakland. Alteration and addition.
Owner—H. G. Sharp.
Architect—None. $1000

DWELLING
(248) 2463 SEMINARY AVE., Oakland 1-story 5-room dwelling.
Owner—H. A. Pleitner, 2919 E-16th St. Oakland.
Architect—None.
Contractor—F. P. Wells, 4034 Porter St. Oakland. $3500

DWELLING
(249) E-SIXTY-FOURTH AVE 350 N E-14th St., Oakland. 1-story 5-room dwelling.
Owner—Donald MacKay, 516 11th St. Oakland.
Architect—None. $3300

DWELLING
(250) W SIXTY-FIFTH AVE 200 N Arthur St., Oakland. 1-story 5-rm. dwelling.
Owner— C. A. Birch, 300 13th St., Okd.
Architect—None. $4000

DWELLING
(251) SW COR E-TWENTY-FOURTH and 19th Ave., Oakland. 1-story 4-room dwelling.
Owner—Carl O. Carlson, 2347 E-12th St. Oakland.
Architect—None. $1900

DWELLINGS
(252) 1933 and 1927 THIRTY-EIGHTH Ave., Oakland. 2 1-story 5-room dwellings.
Owner—M. H. E. Clark, 59 19th St., Oakland.
Architect—None. $3000 ea

DWELLING
(253) 2118 TWELFTH AVE. Oakland. 1-story 5-room dwelling.
Owner—H. W. McIntier, 1528 Franklin St., Oakland.
Architect—None. $3400

BANK BLDG.
(254) SE COLLEGE AVE & OCEAN View Drive 50-6x40-8, Oakland. Finish carpentry and cabinet work for one-story and basement bank building.
Owner—The Oakland Bank.
Architect—Reed & Corlett, Oakland
Bank of Savings Bldg., Oakland.
Confractor—Home Mfg. Co., 543 Brannann St., San Francisco.
Filed Jan. 18, '23. Dated Jan. 17, '23.
On 10th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $4280
Bond, $2140. Surety, Union Indemnity Co. Limit, Feb. 15. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Accepted

Jan. 12, 1923—NO. 481 SIXTIETH ST., Oakland. H M Nash to C D Mohr .....Jan. 11, 1923

Jan. 12, 1923—NW NINTH AVE 166.54 SW Silver St. since abandoned, SW 40xNW 100, Oakland. Clarence K Nichols to whom it may concern.....Jan. 12, 1923

Jan. 12, 1923—U. C. GROUNDS, Berkeley. Regents of U. C. to Wm Makin.....Jan. 4, 1923

Jan. 12, 1923—LOT 2 Map Crocker Terrace, Piedmont. Rivers Bros. (a corp.) to G Polatt....Jan. 10, 1923

Jan. 13, 1923—OAKLAND, ALAMEDA and Berkeley. Southern Pacific Co to Moran Paint & Oil Co.Jan. 11, 1923

Jan. 13, 1923—LOT 33 and SW ½ Lot 30 Blk "B" Map Boulevard Villa Tract, Oakland. E L Dashiell to whom it may concern..Jan. 13, 1923

Jan. 13, 1923—S 5 LOT 22 and all Lot 23, 24, 25 and 26 Blk 932, Laurel Grove Park, Oakland. Grace E Irving to O R Johnson..Jan. 8, 1923

Jan. 13, 1923—LOT 1 BLK "B" Rose Knoll, Berkeley. P E Marquis to whom it may concern..Jan. 11, 1923

Jan. 15, 1923—N GEORGIA 310 E Peralta, Oakland. Edward H Norris to whom it may concern.....Jan. 13, 1923

Jan. 15, 1923—NE E-NINETEENTH 112.50 NW Sixth Ave NW 37.50xNE 150, Oakland. John F Whalen to E M Williamson & Sons.Dec. 1, 1922

Jan 15, 1923—SE THIRTY-SEVENTH Ave 535 NE E-14th NE 35xSE 125, Oakland. J J Ferreira to H L Valleroy .....Jan. 11, 1923

Jan 15, 1923—E THOMAS 81.14 N Broadway Terrace N 40 E 100 S 8.31 W 39.81 W 75.90, Oakland. John A Shields to Lassen & Shields .....Jan. 6, 1923

Jan. 15, 1923—NE EUNICE & ARCH 45x100, Berkeley. D J Horgan to whom it may concern..Jan. 3, 1923

Jan. 15, 1923—SE TELEGRAPH AV and 30th St. 85x167, Oakland. Chas H J Truman to Jas H Pedgrift.....Jan. 15, 1923

Jan. 15, 1923—W EL CENTRO AVE 50 S Elsinor Ave., Oakland. W H Dennis to Charles A Doyle.....Jan. 15, 1923

Jan. 15, 1923—PTN LOT 2 BLK "H" Map Berwick Terrace, Berkeley. John L Cassidy to M F Wise.....Jan. 10, 1923

Jan. 15, 1923—COR. SEVENTY-third Ave. and Lockwood, Oakland. George A Barnett to Johnson & Winther.....Jan. 8, 1923

Jan. 15, 1923—E DIMOND AVE 191.75 S Hopkins S 47xE 140, Oakland. F W S Brookes to whom it may concern.....June 20, 1922

Jan. 16, 1923—SE SEMINARY AVE. 105.35 SW Brann SW 50xSE 110. Oakland. E O Newman to whom it may concern.....Jan. 15, 1923

Jan. 16, 1923—E COLLEGE AVE 68-8½ N Stuart N 50xE 47, Berkeley.. Robert Edgar Campbell to Home Constr Co.....Jan. 8, 1923

Jan. 16, 1923—LOT 202 and Ptn Lot 203 Map Crocker Highlands, Oakland. A Roscoe Watts to whom it may concern.....Oct. 26, 1922

Jan. 16, 1923—S ALMA AVE 300 E Excelsior Ave., Oakland. W H Rouse to whom it may concern.....Jan. 15, 1923

Jan. 16, 1923—W COLBY 270 N Alcatraz Ave N 40 W 40 W 100 S 40 E 100, Oakland. Edward A and Emelie L Theile to F J Theile.....Jan. 15, 1923

Jan. 17, 1923—LOT 14 BLK "B" Amended Map Christiana Tract, Berkeley. Robert N Stockton to Lew Smith.....Jan. 16, 1923

Jan. 17, 1923—LOT 17 BLK 18, Map Northbrae, Albany. Thomas W Firby to R Perrott.....Jan. 15, 1923

Jan. 17, 1923—NO. 373 WARWICK Ave., San Leandro. Christine Groves to Harry H Begier.....Nov. 27, 1922

Jan. 17, 1923—NO. 116 OAKS BLVD., San Leandro. Jabez Berry to Davis & McCord.....Jan. 15, 1923

Jan. 17, 1923—NO. 341 OAKS BLVD, San Leandro. Davis & McCord to whom it may concern..Jan. 15, 1923

Jan. 17, 1923—SE LEACH AVE and dividing line betw. Lots 33 and 34 Blk C SW 114.68 th on arc of circle to right 36.02 NW 114.30 SW 40, Oakland. R B and Carrie E Johnston to Gede & Randall.....Jan. 16, 1923

Jan. 18, 1923—PTN LOTS 1, 2, and 3 Map Reshdvn Ptn Blk "M" Vernon Park Tract, Oakland. H D Irwin to Carl C Lassen.Jan. 16, 1923

Jan. 18, 1923—LOT 13 BLK 20, Map Boulevard Park, Oakland. Ella L Gray to O A Olsen.....Jan. 17, 1923

Jan. 19, 1923—E PTN LOT "F" Blk 17, Claremont Map No. 2, Berkeley. Anne P Woolf to whom it may concern.....Jan. 17, 1923

LIENS FILED

ALAMEDA COUNTY

Recorded Accepted

Jan. 12, 1923—LOTS 47, 48 AND 49 Blk 9 Map No. 4, Regents Park, Albany. Sunset Lumber Co vs Lew and Cora M Smith $60

Jan. 13, 1923—LOT 8 BLK 33, Lakeside Subdivision, Adams Point Property, Oakland. J Aaroe vs E W Woodard and S S Gladney.....$94.05

Jan. 15, 1923—LOTS 2, 3, 4, 5, 6, and 7 Blk 2-1129 Map Howe Tract, Oakland. W S Ray Mfg Co Inc vs F L Warner and Oakland Cremation Assn.....$160.38

Jan. 15, 1923—NW SUNNYSIDE DR, 963 NE E-14th St. NE 67.84 NW 181.93 SW 68.10 SE 181.89, San Leandro. Manuel Nunes vs Darling-Harding Co.....$68.80

Jan. 15, 1923—LOTS 17 AND 18 BLK 165 Map Kellersbergers Map of Oakland. F H Jessup vs W J Pierson and Walter J Laymance.....$20

Jan. 15, 1923—LOTS 15 AND 16 BLK 165 Map Kellersbergers Map of Oakland. F H Jessup vs W J Pierson and Walter J Laymance....$37

Jan. 16, 1923—N GLEN AVE 54 NE Spruce NW 107.32 NE — NE 87.28 S 72.75 SW 100.16, Berkeley. Nelson Lumber Co vs Albert Manzie and Alison Le Breton and J W West $212.30

Jan. 16, 1923—LOT 43 and E 12-6 Lot 44, Map Drexler Tract, Oakland. Nelson Lumber Co vs Adelaide Durkee and H H Gastman $36.07

Jan. 16, 1923—105TH AVE and NE Pontiac St. NW 240 fm Pt beg NW 200xNE 100, Oakland. W Maiden vs Nannie Catching and Frank Johnson $43.25

Jan. 18, 1923—LOT 11 BLK 4 Berkeley Square Tract, Berkeley. Victor Devight vs Howard E Bennett and C C Williams $34

Jan. 18, 1923—SW TWENTY-THIRD and Telegraph Ave S 40 W 101.50 N 40 E 100.90, Oakland. Redwood Mfg Co, $1400; Oakland Concrete & Terrazzo Co, $207.09; Stephen McPherson, $4570 vs Philipp Vetter and Fred Hambleton.....

Jan. 18, 1923—LOT 43 and E 12-6 Lot 44 Map Drexler Tract, Oakland Fearey & Moll vs H H Gastman and Adelaide Durkee.....$93.44

RELEASE OF LIENS

ALAMEDA COUNTY

Jan. 17, 1923—LOT 39 BLK "M" Northbrae Terrace, Berkeley. J P Brennan to J A and Edith A Gill $700

EXTENSION OF BLDG. CONTRACT

ALAMEDA COUNTY

Jan. 18, 1923—Southern Pacific Co. with Moran Paint & Oil Co; American Surety Co. Time extended 30 days from December 15, 1922.

Notice of Non-Responsibility

ALAMEDA COUNTY

Jan. 12, 1923—LOT 13 and SW 12½ Lot 12 Blk 2 Map Key Route Heights, Oakland. Alameda Investment Co as to improvements on property .....

Jan. 16, 1923—LOT 8 and NE 12½ Lot 9 Blk 2, Map Key Route Heights, Oakland. Alameda Investment Co as to improvements on property .....

Jan. 16, 1923—NW 7½ LOT 40, all Lot 41 and SW 6 Lot 42 Blk 13, Map Key Route Heights, Oakland. Alameda Investment Co as to improvements on property.....

Jan 16, 1923—LOT 150 Map Resubdivision Blk "D" Meek Estate Orchards, Eden Tp. H W Meek Estate Inc as to improvemente on property .....

Jan. 16, 1923—LOT 63 Resubdivision Blk "C" Meek Estate Orchards, Eden Tp. H W Meek Estate Inc., as to improvements on property..

Jan. 16, 1923—LOT 171 Map Resubdivision Blk "D" Meek Estate Orchards, Eden Tp. H W Meek Estate, Inc., as to improvements on property.....

Jan. 17, 1923—NO. 1637 and 1637½ Central Ave and 1417 Grand St., Alameda. Louis Kalbkl as to improvements on properyy.....

Jan. 17, 1923—PTN LOTS 18, 19 and 20 Map Resbdvn Blks A and B Meek Estate Orchards, Hayward. H W Meek Estate, Inc., as to improvements on property.....

BUILDING CONTRACTS

FRESNO COUNTY

$5000 and Over Reported

DWELLING and garage, $4850; 828 Vassar St., Fresno; owner, J. Moore, Mason Bldg., Fresno.

WAREHOUSE, $10,500; No. 434 P St., Fresno; owner, Prescott Brick & Lumber Co., Rowell Bldg., Fresno. contractor, Thos. M. Paulsen, 3650 Illinois St., Fresno.

WAREHOUSE, $26,000; No. 162 J St., Fresno; owner, Trewhitt & Shields, Rowell Bldg., Fresno.

COMPLETION NOTICES

FRESNO COUNTY

Recorded Accepted

Jan. 10, 1923—CENTRAL ADDITION, Selma. Jew Tong Chee to whom it may concern.....Jan. 2, 1923

Jan. 10, 1923—PARLIER UNION H. S. District, Fresno. Parlier Union High School District to whom it may concern.....Jan. 8, 1923

Jan. 11, 1923—LOT 6 BLOCK 68 SIERra Vista Tract No. 3, Fresno. Walter Benthel to whom it may concern .....Jan. 10, 1923

Jan. 11, 1923—PTN. OF LOTS 30-31 block 27, Arlington Hts. Tract, Fresno. Owner, W. J. Palfrey to whom it may concern....Jan. 10, 1923

Jan. 1, 1923—LOT 1 Forkner Gardens Sub 1, Fresno. W. A. Chittum to whom it may concern.Jan. 10, 1932

Jan. 12, 1923—LOTS 2 AND 9, Stivers Tct No. 2, Fresno. Howard Stivers to whom it may concern..Jan. 8, 1923

Jan. 12, 1923—LOTS 27 AND 28 BLK 6, Roeding Heights, Fresno. T H Gibbs et ux to whom it may concern.....Jan. 11, 1923

Jan. 12, 1923—NE FIFTH AND Huntington, Fresno, Ralph W and Jennie W Watson to whom it may concern.....Jan. 8, 1923

Jan. 13, 1923—LOTS 8 AND 9 BLK 1, Claremont Park Tract, Fresno. C J Bush to whom it may concern.. .....Jan. 11, 1923

Jan. 13, 1923—W 70.33 FT. LOT 5, Normal Villa, Fresno. L A Jackson to whom it may concern..... .....Jan. 12, 1923

Jan, 13. 1923—LOTS 17 TO 20 BLK 29, Fresno. B Okonogi to whom it may concern.....Jan. 12, 1923

LIENS FILED

FRESNO COUNTY

Recorded Amount

Jan. 10, 1923—LOTS 8 AND 9 BLK 2, Sierra Vista Addition, Fresno. Fresno Lumber Co vs Laura A and W A Hopper $743

Jan. 11, 1923—LOT 10 BLK 14 WILson N F Tract Add, Barrett Hicks Co. vs Valley Constr. Co.....$1203

Jan. 11, 1923—LOT 10 BLK 14 WILson N F Tract Add, Fresno. Bingham Wenks Pl Mill vs Ben Levy & Valley Constr Co.....$1297

Jan. 12, 1923—LOT 10 BLK 14, Wilson N-Fresno Tract, Fresno. Sunset Lumber Co. $281; Kutner-Goldstein Co, $27 vs Benj Levy and Valley Constr Co.....

Jan. 12, 1923—LOTS 3 TO 8 M 4½ ft. Lot 9 Blk 4, Yosemite Addition, Fresno. W P Green vs Mrs. L A Puryer $231

Jan. 13, 1923—LOT 4 in LOTS 11 AND 12, Park Addition, Fresno. E E Spencer vs Chas S and Zella A Taylor..... .....$658

Jan. 13, 1923—LOT 25 BLK 2, Woodlawn, Fresno. Kutner Goldstein to J D Wilholt $124

Jan. 13, 1923—LOTS 39 AND 40 BLK 20 College Park, Fresno. Kutner Goldstein vs Mike Selie $169

Jan. 13, 1923—LOTS 6 TO 9 BLK 52, Fresno. F C Adams vs Conrad Nilmeier et al.....$300

BUILDING CONTRACTS

SAN MATEO COUNTY

DWELLING, frame, $4500; Lot 15 Blk J, Hayward Park, San Mateo; owner, Percy Bradshaw; contractor, Mattock & Feasey, 251 Kearny St., San Francisco.

ERECT bungalow and garage; set back 16 ft., $3000; Lot 12 Blk 1, Burlingame Grove, Mills Ave., Burlingame; owner, C. E. McIntosh.

DWELLING and garage, one-story; set back 17 feet not less, $6000; E 55 ft. Lot 5 Blk 7, Lyon & Hoag Tct., Floribunda Ave., Burlingame; owner, Uno Melen, 184-B Guerrero St., San Francisco; contractor, Hammer & Hulthbert.

TWO bungalows and garages, set back 20 feet, $2000 each; Lots 19 and 20 Blk 10, Easton, No. 1 Chula Vista, Burlingame; owner, Chris. Larsen, 1205 Broadway, Burlingame.

RESIDENCE, 2-story and garage, $12,000; Lots 11 & 12, Blk 20, Easton No. 2, NW Cor. Highway & Broadway, Burlingame; owner, J. M. Barddat, Burlingame.

BUNGALOW and garage, $2500; Lot 21, Block 44, Bancroft Rd., Burlingame owner, Nels Wenstrom, 124 Bancroft Rd., Burlingame.

BUNGALOW and garage, $2500; Lot 4 Block 27, Bloomfield Rd., Burlingame; owner, F. Hever, Burlingame

BUNGALOW

LOT 21 BLK 6 BURLINGAME HTS., Burlingame. All work for one-story bungalow.

Owner—Alphonse S. & Zella M. Brouillard, Burlingame.

Architect—None.

Contractor—Charles Hammer & Hugo Hullberg, 321 Tilton St., San Mateo.

Filed Jan. 15, 1923. Dated Aug. 28, 1922.

Roofed .....¼
Plastered .....¼
Completed and accepted.....¼
Usual 35 days .....¼
TOTAL COST, $5400

Bond, none; Sureties, none; Forfeit, none; Limit, 90 wk days; Plans and specifications, none.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded Accepted

Jan. 9, 1923—LOT "D" BLK 5, Burlingame. D Houle to whom it may concern.....Jan. 8, 1923

Jan. 23, 1923—LOT "B" BLK 5, Burlingame Ter., Burlingame. D Houle to whom it may concern.Jan. 8, 1923

PIERCE-BOSQUIT
Abstract & Title Co.
Capital Stock $100,000
Sacramento, Placerville, Nevada City, Reno
SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

Jan. 9, 1923—PTN LOTS W and X Blk 4, Burlingame Terrace, Burlingame. D Houle to whom it may concern.....Jan. 8, 1923

Jan. 9, 1923—PTN LOTS X and 17 Blk 4, Burlingame Terrace, Burlingame Ter, Burlingame. David Houle to whom it may concern... .....Jan. 8, 1923

Jan. 9, 1923—BLK 9 SUB 2, Burlingame Park, Burlingame. L E Beban to Charles George Adams..... .....Jan. 6, 1923

Jan. 10, 1923—LOT 3 BLK 3, East San Mateo. Linora E Bale to James E Bale.....Dec. 28, 1922

Jan. 10, 1923—CONSTRUCTION OF Reservoir, South San Francisco Water Co to MacDonald & Kahn... .....Jan. 2, 1923

Jan. 10, 1923—LOT 5 BLK "M" Hayward Park, San Mateo. Florence C Parsons and Mildred C Foot to Hummer & Hultberg....Jan. 10, 1923

Jan. 10, 1923—LOT 4 BLK "M" Hayward Park, San Matto. Florence C Parsons and Mildred C Foot to Hummer & Hultberg....Jan. 10, 1923

Jan. 10, 1923—LINDEN AND BADEN Aves., South San Francisco. Albert J and Mary E Eschelbach to whom it may concern.....Jan. 2, 1923

Jan. 12, 1923—LOT 12 BLK 41, Easton 3, Burlingame, George R Borrmann to L C Rossi..Jan.11, 1923

Jan. 15, 1923—LOT 21 BLK 8 BURlingame Park No. 2, Burlingame. Lewis R. Robertson to whom it may concern.....Dec. 30, 1922

Jan. 15, 1923—LOT 21 BLOCK 5, BURlingame hts. Zella M. Breuillard to Hammer & Hultbrog ...Dec. 19, 1922

RELEASE OF LIENS

SAN MATEO COUNTY

Recorded Amount

Jan. 12, 1923—LOT 4 BLK 13, San Cortas. Edward Burton Fox et al to Mercantile Trust Co et al..$416.44

Jan. 15, 1923—W½ LOT 2 BLOCK 9, Burlingame Land Co., Burlingame. R. Mochleau vs. A. Hoppe et al...$25

RELEASE OF LIENS

SAN MATEO COUNTY

Recorded Amount

Jan. 15, 1923—LOT 24 BLK 4 EASTON 1 Burlingame. M. J. Salor to F. M. Nalier & Daniel H. Crawford.....$65

BUILDING CONTRACTS

SANTA CLARA COUNTY

$1,000 and Over Reported

RESIDENCE

COE AVE. near Bird Ave, Palm Haven Tract, San Jose All work for three-room frame residence and garage.

Owner—C. J. Wolfe, San Jose.

Architect—Wolf & Higgins, Auzerals Bldg., San Jose.

Contractor—E. L. Wolfe, 131 Coe St San Jose.

Filed Jan. 12, '23. Dated Jan. 12, '23.

Frame up $900
1st coat plaster on..... 900
Completed and accepted..... 900
Usual 35 days..... 900
TOTAL COST, $3600

Bond, $1800. Sureties, F. D. Wolfe and Benj. Quimet. Limit, 65 working days. Forfeit, none. Plans and specifications filed.

DWELLING

LOT 10 BLK 2, S W-SAN FERNANDO on Delmas Ave, San Jose. All work for one-story dwelling.

Owner—Miss Elizabeth Hickey, 15 Kearny St., San Jose.

Contractor—A. J. Nielsen,, 156 S-20th St., San Francisco.

Filed Jan. 11, '23. Dated Dec. 30, '22.
Studding and slate in place.$1071.75
Roof, wiring, rough plumbing and lathing completed.... 1071.75
Completion 1071.75
Usual 35 days..... 1071.75
TOTAL COST, $4287.00
Bond, none. Limit, 60 working days. Forfeit, none. Plans and specifications filed.

BUILDING
LOT 25 BLK 21, Montgomery and Rea's Sub, San Jose. All work for one-story frame building.
Owner—George Homer Douglass, San Jose.
Architect—None.
Contractor—George Homer Douglass, San Jose.
Filed Jan. 11, '23. Dated Jan. 11, '23.
Frame up and roof completed..$700
2nd coat plastering on..... 600
Building completed 600
Usual 35 days..... 300
TOTAL COST, $2200
Bond, none. Limit, forfeit, none. Plans and specifications filed.

ALTERATIONS, $1250; Royal St. near San Carlos St., San Jose; owner, J. Petrina, 742 State St., San Jose; contractor, J. G. Tedford, 751 E-St. James St., San Jose.
COTTAGE, $2500; Ninth near Julian St., San Jose; owner, J. H. Dannels.
ALTERATIONS, $1350; 86 N-Seventh St., San Jose; owner, Albert Swanson.
COTTAGE, five-room, $3000; Fifteenth near William St., San Jose; owner, Manual Ramus; contractor, Frank Peres, 1082 S-8th St., San Jose.
TWO cottages, five-room each; $2500 each; Atlantic St. near Delmos St., San Jose; owner, L. C. Rossi, 710 Cole St., San Francisco.
COTTAGE, 3-room, $1000; No. 985 S-First; owner, Mrs. B. Long; contractor, R. D. Williams, 318 E-St. James St., San Jose.
COTTAGE, 5-room, $1850; Acacia St. near San Pedro, San Jose; owner, A. E. Tuttle, 470 N-12th St., San Jose.
COTTAGE, 4-room, $3000; San Fernando St., San Jose; owner, Mrs. B. L. Hollenbeck, 99 S-11th St., San Jose; contractor, C. V. Brown, 521 N-16th St., San Jose.
TWO 4-room cottages, $2500 each; 19th and Calhoun Sts., San Jose; owner, R. O. Burgess, 75 Cleaves St., San Jose; architect, Pacific Ready Cut Homes Co., 20 Knox Bldg., San Jose
COTTAGE, 6-room, $3500; 8th nr. Martha, San Jose; owner,architect and contractor, Albert Hintz, San Jose.
MARKET BLDG., concrete, $3000; Market near San Carlos, San Jose; owner, F. Aassia; architect, Wolfe & Higgins, Auzerais Bldg., San Jose.
COTTAGE, 4-room, $3000; Cor. 18th & Washington, San Jose; owner, Geo. H. Douglass, 1036 Alameda, San Jose.
COTTAGE, 6-room, $6000; Eighth near Reed, San Jose; owner, F. C. Nelson 34 S 15th St., San Jose.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Accepted
Jan. 9, 1923—PTN LOT 144 BLK 13, White's Addition, San Jose. Walter A Edwards to whom it may concern.....Jan. 8, 1923
Jan. 9, 1923—PTN LOT 144 BLK 13, White's Addition, San Jose. Walter A Edwards to whom it may concern.....Jan. 8, 1923
Jan. 9, 1923—PTN LOT 144 BLK 13, White's Addition, San Jose. Walter A Edwards to whom it may concern.....Jan. 8, 1923
Jan. 10, 1923—777 N-SEVENTEENTH St., San Jose. J W Green to whom it may concern.....Jan. 10, 1923
Jan. 10, 1923—ALL LOT 4 AND PART Lot 3 Blk 1, Alameda Villa Tract, San Jose. A M Whiteside to whom it may concern.....Jan. 10, 1923
Jan. 10, 1923—LOTS 21 AND 22 BLK 50, Palo Alto. George F Schubert to whom it may concern.Dec. 30, 1922
Jan. 10, 1923—LOT 29 BLK 32, Palo Alto. D H Nichols to whom it may concern.....Jan. 4, 1923

BUILDING CONTRACTS

SACRAMENTO COUNTY

$2,500 and Over Reported

DWELLING, two-story 7-room, $3500; No. 3042 Marshall Way, Sacramento; owner, M. Gilberti, Premises.
DWELLING, one-story 6-room and garage, $4000; No. 1000 43rd St., Sacramento; owner, W. Rinnell, 814 B St., Sacramento; contractor, E. Winkelman, 2929 V St., Sacramento.
DWELLING, one-story 5-room and garage, $2500 each; No. 3433, 3417 & 3517 Stockton Blvd., Sacramento; owner, W. D. McKoy, 3029 E St., Sacramento; contractor, H. G. Birdsall, 1530½ T St., Sacramento.
DWELLING, 1-story 4-room, and garage, $2650; 1544 Santa Ynez, Sacramento; owner, Miss Eva Snipe, 604 N St., Sacramento; contractor, P. R. Opdyke, 1009 7th St., Sacramento.
DWELLING, 2, 1-story 4-room, & garage, $2499 each; 2243-2253 33rd St., Sacramento; owner, Pribble & McKnight, 3126 Sacramento Blvd., Sacramento; contractor, P. R. Opdyke, 1009 7th St., Sacramento.
FLATS, two-story and 4 garages, $17,287; Ptn. Lots 2 and 3, Tullar Tct., Sacramento; owner, S. W. Cross, Forum Bldg., Sacramento; contractor, R. M. Smith, 2633 30th St., Sacramento; recorded, Jan. 15, 1923.
DWELLING, one-story 5-room frame and garage, $2600; No. 2709 2nd St., Sacramento; owner, Sacramento Building Inv. Corp., Healds' Business College, Sacramento; contractor, E B.. Beebe, 3991 4th Ave., Sacramento.
BRICK building, one-story, $9000; No. 1216 J St., Sacramento; owner, Wright & Kimbrough, 817 J St., Sacramento.
rage, $6500; No. 1406 44th St., Sacramento; owner, W. B. Phillips, 2920 J St., Sacramento.

LIENS FILED

SACRAMENTO COUNTY

Recorded Amount
Jan. 15, 1923—LOT 4 BLK 5, E Del Paso Heights No. 1, Sacramento. Western Lumber Co vs Mary Miller $108.83
Jan. 15, 1923—LOT 26, Fruitridge Tct, Sacramento. Western Lumber Co vs Mary Miller.....$103.06

BUILDING CONTRACTS

SAN JOAQUIN COUNTY.

$2500 and Over Reported

RESIDENCE, $4500; 925 Argonaut St., Stockton; owner, D. W. Reynolds, 740 N Yosemite, Stockton.
RESIDENCE, $2500; 30 W Anderson, Stockton.
RESIDENCE, $7200; No. 825 W-Willow St., Stockton; owner, F. Paul Dobson, 1045 Vernal Way, Stockton.

BUILDING CONTRACTS

CONTRA COSTA COUNTY

AUDITORIUM for high school, $63,092; S Bissell, bet. 8th & 9th, Richmond; owner, Richmond Board of Education, office Lincoln School; architect, J. Narbett, 9th & Macdonald Ave., Richmond; contractor, P. M. Sanford, El Cerrito.
DWELLING, 1-story frame, $3400; W 20 bet. Macdonald & Nevin; owner, A. Brunner, cor 20th & Nevin, Richmond; contractor, F. A. McCausland San Pablo R.F.D. 310, Richmond.
DWELLING, frame 1-story, $3300; W 5th, bet. Elgin & Penn.; owner, C. S. Pitt, Winton, Cal; contractor, N. E. Anderson, 2030 Roosevelt, Richmond.
DWELLING, 1-story frame, $3000; SE cor 35th & Clinton; owner, K. J. Henning, Cor. Highland & Yosemite, Richmond.

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Published Every Saturday
Twenty-third Year No. 4

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Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

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MILLIONS FOR FRESNO COUNTY POWER DEVELOPMENTS

The bulk of the $375,000,000 to be expended in the next ten years by the Southern California Edison Company for development of hydro-electric power will be spent in Fresno county, it is announced by officials of the company.

It is the present plan of the power corporation to expend the money for the purpose of developing a million and a quarter horsepower of electrical energy for distribution in Fresno, Kings, Kern, Tulare, Los Angeles, Ventura, Santa Barbara, Orange, San Bernardino and Riverside Counties.

The biggest part of the sum set aside for construction will be used to develop holdings along the San Joaquin River and at Big Creek near Huntington Lake. The nature of the development work, however, is not disclosed.

As a first step in the program a $2,000,000 substation is to be constructed in the heart of one of Los Angeles' industrial sections. This substation will increase the capacity of the Big Creek transmission lines from 150,000 horsepower to 220,000 horsepower.

The line to the new substation will tap the main transmission line bringing energy to Los Angeles from the high Sierras, a distance of 270 miles, at Eagle Rock, a suburb of this city. The new line will be thirty miles in length and the new substation will be used as a distributing center for energy for all parts of the Southland.

LEATHER MAT MANUFACTURING IS NEW SAN FRANCISCO INDUSTRY

To meet the demand of architects builders, contractors and building owners, who have been seeking a means to eliminate the necessity of constant scrubbing and mopping in places where traffic is heavy and where mud, dirt and grit are tracked in by pedestrians, the Protect-O-Floor Leather Mat Company is now manufacturing a leather mat at 441 Stockton Street, San Francisco.

This mat is manufactured from hundreds of pieces of California Oak-Tanned Sole Leather, threaded through copper-finished sprung steel wire and is constructed in such a manner that it vacuums the dirt and grit beneath the mat and holds it there until the close of the day, when with a slight movement of the foot, the mat is rolled back and the refuse is removed by the janitor.

Protect-O-Floor Leather Mats serve not only in the capacity of protection against dirt and grit, but also as a preservation to marring and scarring of marble and highly polished floors; likewise do they furnish splendid insurance against slipping and tripping. It is a known fact that leather will not slip on leather and the peculiar vacuum construction of Protect-O-Floor Leather Mats assures a non-skid walking surface.

These mats are springy and elastic to the tread, easy to clean, easy to handle and give everlasting wear under hard usage. They are made in stock sizes and also to architects specifications.

Recent installations of the Protect-O-Floor Leather Mats Company include the Owl Drug Company, Bank of Italy, Curran Theatre, Hale's Department Store, Le Palais Royal Cafe and several apartment buildings in addition to orders completed in Alameda county and Superior California points.

SANTA BARBARA ISSUES CALL FOR CONTRACTORS

Under date of January 17, newspaper dispatches from Santa Barbara, Calif. furnish information which might prove of interest to Central California contractors. Here is the information as received from the southern city:

"Building in Santa Barbara has advanced so rapidly that the city is hampered in its expansion by the lack of bids on contracts offered. Today city manager sent out the police force to round up the council for a special meeting to consider the problem of having a dozen advertised contracts ready for letting tomorrow and no bids in. The councilmen after the meeting started out as committees of one to see contractors personally and urge them to bid on city work in order that contemplated improvements might not be delayed."

GASOLINE CRACKING PLANTS TO COST $1,000,000

Plans for the construction of ten gasoline cracking plants in various valley towns at a cost of more than $1,000,000 are being formulated in the Coalinga, Calif. offices of the Continental Petroleum and Refining Company. The first of these new plants will be an addition to the Coalinga quarters of the company and will cost $150,000. The location of other plants have not yet been determined upon.

STRUCTURAL SALES BEGIN UPWARD SWING

Continuation of the building boom this spring is forecast by the upward swing in sales of fabricated structural steel in December, reported by the Department of Commerce through the Bureau of the Census. The increase of about 20 per cent over November marked the turning point from a series of seasonal declines in fabricated steel orders and occurred a month earlier than last winter, when December was the month of minimum orders. December sales amounted to 58.3 per cent of shop capacity, as against 48.4 per cent in November. Estimated total sales of fabricated structural steel in 1922 amounted to 1,929,400 tons or 64.3 per cent of shop capacity, as against 997 200 tons in 1921, or 35.1 per cent of shop capacity.

Sales reported by 141 firms, with a total revised capacity rating of 215,210 tons per month, amounted to 125,479 tons in December, as against 104,727 tons in November and 124,948 tons in October.

OWNER CANNOT FORCE CONTRACTOR TO ALTER PLANS

An owner cannot order a contractor to make alterations in the construction of a hydro-electric concrete dam which would change the basic form of the original contract, counsel for W. A. Kramer, a contractor, argued before the state supreme court en banc at San Francisco on an appeal taken from the San Francisevo superior court by Kramer for the recovery of $737,963.

Kramer contends the amount is due on work which he performed apart from a contract which he held from the Snow Mountain Water & Power Company for the construction of a dam which would impound waters of the Eel river in Gravelly valley, Lake county.

The original contract called for a perpendicular dam, but after the work was under way, according to testimony submitted, the contractor was ordered to change to a dam sloping from the river bed to an angle of 45 degrees.

U. OF C. EXTENSION COURSE FOR CONTRACTORS OFFERED

Builders, contractors and carpenters will be interested in the announcement of class instruction in blue print reading which is to be given by the University Extension Division, starting January 25th at 7 P. M. in Room 254 Pacific Building, Fourth and Market Streets, San Francisco. Grover C. Polson of the Drawing Department of the Oakland Vocational High School will act as the instructor in the course, which will be elementary in character.

The course plans to teach the reading of blue prints of all types, particular reference being given to bungalow and smaller houses, so many of which are now under construction in northern California.

For this coudse, the Extension Division has spared no pains to gather a large collection of blue prints of all types so that the course should prove interesting to anyone who handles them in his daily work.

According to an announcement issued from the San Francisco office of the University Extension, 140 Kearny Street, where enrollments in this course are now being received, the first meeting of the class is open to the public.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

Mrs. Elizabeth Fletcher has filed suit for $18,000 damages in the Superior Court at Sacramento against A. Teichert and Son, contractors of that city. Mrs. Fletcher charges that the company in constructing the street at the intersection of Forty-third and Third Avenues, left some places hard and others soft. As a result, she alleges that a portion of the street gave way under her weight, sinking several feet. Because of the accident, she says, she was injured internally.

Chas. O. Walton, engineer, has been appointed an executive aide to F. T. Letchfield in the Industrial Engineering branch of the San Francisco Chamber of Commerce Industrial Department

There are approximately 17,000 general contractors in the United States, one contractor to every 6500 population, approximately. This estimate is compiled by the Associated General Contractors of America.

G. L. Dickenson, for nearly a quarter of a century secretary of the Holt manufacturing Co., died in Stockton, January 12. Of late years Dickenson was engaged in the tractor business.

The regular annual meeting of the Grant Rock and Gravel Co., will be held in Room 316 Kohl Bldg., San Francisco, January 30. A board of directors to serve for the ensuing year will be elected at this meeting.

Palo Alto on February 9 will vote the question of issuing bonds of $160,000 to finance extensions to sewer and water systems.

Ventura plans a municipal water system. It is proposed to issue bonds of $250,000 to finance the purchase and improvement of the privately owner water system.

The Bay Point Box Factory near Martinez has been destroyed by fire. Loss is estimated at $75,000. It is probable that the plant will not be rebuilt.

W. F. Mixon of Woodland has been named Secretary of the California State Highway Commission, effective January 30, when Ray Murray, now secretary, will resign.

F. W. Webster of Fresno has been named general manager of operations for the Minareta and Western Railroad and E. A. Devereux, present superintendent of the Fresno Traction Co., named assistant manager of operations. At the present time, Webster is general manager of the Visalia Electric railroad, the Fresno Traction company, the Central California Traction company, and the Stockton Electric railroad.

E. T. and W. P. Eaton will construct a $35,000 ice plant at Turlock. The company will operate under the name of "Home Ice and Cold Storage Company."

Schlueter's Commercial Co., electrical supply distributors, has quarters at 406 Mendocino Ave., Santa Rosa. H. J. Holt is district manager.

The third block of California state highway bonds, totaling $5,000,000, has been sold for a premium of $16,200. The bonds bear interest at 4¼.

Thos. Allen Box of Sausalito has been elected permanent chairman of the Golden Gate Bridge Association and James G. Stafford, secretary of the Santa Rosa Chamber of Commerce, named permanent secretary of the organization. The purpose of the organization is to further the construction of a bridge across the Golden Gate Straits.

Warren Brothers Co., paving contractors, announce the removal of its northwest branch offices from Pacific Bridge Bldg., to the Porter Bldg., Portland, Ore.

The Placer County Supervisors have authorized the appointment of an architect to submit estimates of cost for a new county hospital, county jail and hall of records building. Construction will be financed through a bond issue.

Charles H. Lee, consulting hydraulic engineer of San Francisco, has recently been appointed lecturer in civil engineering at the University of California, and during the spring term will give a course in water supply engineering. This course was formerly conducted by Prof. Charles Gilman Hyde, who expects to spend the coming six months in Europe.

Town trustees of Los Banos, Merced county, will meet February 7 to select an engineer to prepare specifications for an extensive paving program. Approximately thirty blocks of streets will be paved.

Assemblyman Chas. A. Foster of Fowler will introduce bill providing for a $10,000,000 bond issue to be voted on at the next general election, the money to be used for state highways. The bill shall specify that the funds are for completion of existing construction programs, which have been halted for lack of funds, and shall not be applied to new construction. The bill following the statement of Harvey Toy, a members of the highway commission, who declares that body "broke."

Protests have been filed with the State Bonding Commission against granting permission to the South San Joaquin and Oakdale Irrigation Districts to call an election to vote bonds of $3,750,000 to finance the Melones reservoir and power plant project.

New equipment and machinery to cost in excess of $10,000 will be installed by the Fresno Agricultural Works of Fresno in its 1923 expansion program, according to C. T. Spivey, general manager of the company.

Richard H. Wells, chief architect for the Atchison, Topeka and Santa Fe Railway, and brother of A. G. Wells, vice-president of the railroad, died in Glendale, Calif., January 21. Wells was 75 years old.

STATE AUTO ASS'N. ORGANIZES ADVISORY COUNCIL

The following highway policies were adopted January 17 at a meeting in San Francisco of delegates from all Northern and Central California, who resolved themselves into an organization to be known as the "Advisory Council of the California State Automobile Association:"

(1) That the present system should not be enlarged by any additions during next Legislative Session.

(2) That immediately new administration takes office a detailed engineering and economic study of needs of State Highway System be made with the idea of ascertaining financial requirements and best methods of obtaining funds, i. e., by bond issue, direct tax or otherwise.

(3) That moneys now available be applied to the State System as now designated, preference to be given to order of designation, (i. e., 1st Bond Issue, 2nd Bond Issue, 3rd Bond Issue and Special Act Roads).

(4) That until it is possible for the new Commission to ascertain and define a more definite policy of construction, existing funds be applied to adequate grades and drainage structures over State as a whole, with such surfacing as may be necessary to make grades travelable. The exceptions to be made to this policy being the completion of existing contracts and paving of gaps in main trunk lines.

(5) That we favor the completion of the State Highway System as now designated at the earliest possible time, but before recommending a bond issue or other method of taxation we deem it highly advisable, and even necessary, that the detailed engineering and economic study be completed.

(6) That we favor abolishing the present basis of motor vehicle fees effective January 1st, 1924, and substituting therefor a nominal registration fee to cover cost of plates, registration and other administrative expense, and a fuel consumption tax of a sufficient amount per gallon as will, with the uniform registration fee, net the State and Counties the same amount as at present—the State's portion to be used for maintenance and reconstruction only.

(7) That if it is deemed necessary by the State Highway Commission, on account of urgent maintenance and reconstruction requirements, we will favor a nominal increase in the above fuel consumption tax of not to exceed one cent per gallon, to be used exclusively by State.

(8) That the Commission establish an adequate research department to study not only materials of construction and highway design, but the economics of highway transportation.

(9) That due to some lack of knowledge of the economics of truck transportation and highway design no specific recommendation can be made as to the maximum of gross loads. However, we do believe that because of the inadequate pavements that now exist, and until such time as the proper research work can be consummated, that the limit should be fixed at 22,000 lbs. on all State Highways.

(10) That we recommend the examination by the State of all applicants for motor vehicle operators' and chauffeurs' Licenses, and that a fee sufficient to defray the cost of such examination be charged for operators' cards.

(11) That we favor the establishment of a force of State Traffic Officers for the specific purpose of the enforcement of motor vehicle laws and regulations.

(12) That we suggest to the State Highway Commission that they accept the recommendations of the U. S. Forest Service in the allocation of Forest Highway Funds.

EAST BAY MATERIAL DEALERS FURNISH PUBLIC WITH VALUABLE BUILDING DATA

For the purpose of safeguarding building contracts as a protection to the owner, the contractor and the material dealer, the California Material Dealers' Association of Alameda County has prepared a pamphlet for free distribution.

This pamphlet sets forth the following suggestions of financial safety to those who expect to build.

One of the good effects of the Mechanic's Lien Law is that it is urgent for the owner to insist upon dealing only with reputable, high-class contractors; because bills for construction labor and construction material can be filed against the property where used, and made a lien and foreclosed the same as a mortgage, if those bills are not paid by the contractor, even though you have previously paid the contractor in full.

Suggestion No. 1. Investigate thoroughly your contractor's reputation and financial standing. You can get information through your bank, your lawyer or through first class building material dealers. There are plenty of contractors with a reputation for good building, square dealing and prompt payment of bills. You need not take any chances.

The law provides that you may demand from the contractor a bond to protect yourself, if there is any doubt in your mind about his responsibility. Such a bond can provide for faithful performance (satisfactory completion at the contract price, according to plans and specifications), and for the full payment of any mechanic's liens which may lawfully be filed against the property. Do not make payments to contractors ahead of time, or violate the contract or bond in any way, without written permission of the bond surety.

Suggestion No. 2. Have your contract and specifications properly prepared.

Payments are made to the contractor as the work progresses, usually about as follows:

The first 20 per cent when the first floor joists are in place and rough lumber is on the job.

The second 20 per cent when the roof is on.

The third 20 per cent when the building is plastered.

The fourth 20 per cent when the building is completed.

The fifth 20 per cent after the time has elapsed for filing any mechanic's liens.

Suggestion No. 3. Finance your building project completely before beginning work. If an owner will require a loan for this purpose, he should make advance arrangements with a responsible Loan Association, mortgage company or bank. They will require that the mortgage be recorded before the building contract is recorded, and before any work is done or any material delivered upon the property. They will require that the title be examined down to date, thus safeguarding the owner himself by revealing any hidden defects. You cannot get a building loan after the building is started. You must record your loan papers in advance, or wait until lien rights have lapsed after completion.

It is advisable to establish definitely the boundary lines of your property by a survey, so that you are sure your building will be all on your own lot. To correct a mistake of a few inches has often been an enormous expense.

Before you begin spending your money, be sure your building plans comply with the building laws and ordinances, and with the restrictions on your lot.

Suggestion No. 4. Record your building contract. This is done at the County Recorder's office in the court house and costs only one or two dollars. This is not absolutely necessary, but the law gives the original contractor sixty days to file mechanic's lien, and material men and laborers thirty days, after notice of completion is recorded. If you are getting a building loan, the fact that you have recorded the contract legally established the name of the original contractor, so the loan company is willing to pay out the money thirty-five days after recording notice of completion, by getting a release from the original contractor. If you do not record the contract, then they may hold the money for over sixty days in order to be sure that nobody claiming to be an original contractor will file a lien within the sixty days allowed.

Suggestion No. 5. Insure your building in full against fire during the construction period. It is good business also to insist that the contractor carry employers' liability insurance, since it strengthens his financial position.

Suggestion No. 6. As you pay your contractor, have him furnish you with receipted bills (showing the address of your job) from every material dealer; also from sub-contractors, and from the dealers who supply sub-contractors materials. In this way you can make sure that the money you are paying him goes to settle the bills on your own work and not the bills against the building he is putting up for some other man. You can get a complete list of the items entering into the construction, and the contractor can tell you from whom each item came; then you can check this with each dealer, or with the receipted bills showing the address of your building.

Suggestion No. 7. File a notice of completion. First agree thoroughly with your contractor that the building is completed, which will constitute final acceptance of his construction work; then within ten days after completion, record a regular legal form of "notice of completion" in the County Recorder's office. Within thirty days after you do this, any material man, laborer or sub-contractor must file his lien or it will not hold against the property. It is thus a very simple thing to assure yourself that there are no unpaid claims on the building which will be held against your property. If you do not record a notice of completion, then ninety days are allowed after completion for filing liens. Completion dates from the last work done.

The greatest financial instrument in the up-building of our communities has been the Mechanic's Lien Law. It provides a quick, just and satisfactory basis for credit for any owner of good reputation. Without it the small owner could not construct a house or other building unless he had every dollar in the bank in advance covering the highest possible amount the building could cost. The contractor and the material dealer would insist upon legal protection with the red tape or orders upon loans and upon bank accounts and acceptances of the orders by the mortgages and the banks. The Loan Company would be reluctant to make a building loan in advance of completion because the small owner would have no means of getting credit for additional material in case it cost more than anticipated to complete the house. In fact, building permits would probably be reduced one-fourth to one-half below present figures.

The first Mechanic's Lien statute was arranged in 1791, at a meeting attended by Thomas Jefferson and James Madison, arising from a desire to establish, improve and build up as speedily as possible the city of Washington, and to enable contractors to confidently proceed with construction work without fear of fraud by the owner.

State Highway Construction Faces Halt: Many Contracts To Be Cancelled, Is Report

Immediate halting of highway construction activities throughout the State will be ordered by the new State highway commission, it is announced by Chairman Harvey M. Toy, in a statement with criticism of the expenditures and policies of the preceding board. Toy states that the highway commission is "broke" and that he proposes to cancel "wherever advisable and possible" those contracts let by the old board upon which actual work has not yet started.

The former commission has incurred obligations calling for the expenditure of $15,974,000 and there is only $459,153.32 remaining in treasury of the so-called Third Highway Fund, the statement declares, and adds:

"This shows that the old commission has not only exhausted practically all the money available, but has made contracts and assumed obligations covering nearly $16,000,000 worth of unsold with the insignificant sum of $26,000 from that source."

After telling of the courses open to the commission, Toy says: "We propose to cancel wherever advisable and possible, and in this respect we may be able to obtain a reserve of approximately $2,000,000. The members of the new highway commission are seeking a conference with contractors in an endeavor to adjust financial affairs of the commission.

"We may also be able to improve conditions by concentrating our efforts upon the main trunk lines, which have been slighted and neglected in such a manner as to lead me to believe that political considerations have disastrously weighed in much of the highway construction work in this State for many months.

"Our whole object is to bring about a business-like readjustment. We have no particular sections, individuals or interests to serve, but our best efforts will be devoted to serving the entire State in a manner which shall be for the welfare of the people, north, south, east and west.

"Our work has been rendered extremely difficult by the chaotic condition of affairs in the offices of the commission and the apparent unwillingness of the retiring commissioners and the chief highway engineer to place at our disposal detailed information requisite for immediate operation of the affairs of the commission."

FRESNO EXCHANGE NOTES

Three new Members have been added to the Fresno Builders' Exchange: Stuart and Nuss, F. S. Stettler and Jolly and Jolly.

The exchange has voted to send a delegation to Los Angeles in February to attend the coast-wide conference on plastering conditions. The personnel of the delegation has not been settled.

With the plan in mind of protecting the contractor and of at the same time assuring apprentices graduated from the Valley Industrial Association's school of steady employment, a committee of three consisting of William Main, Jr., Guy Purcell and R. W. Crouch, has been appointed to arbitrate all difficulties arising, and to see that an apprentice, once employed by a contractor, does not jump from job to job. This plan will apply particularly to the apprentice plasterers recently graduated. Main represents the contractors, Purcell the plasterers' union local and Crouch the Fresno Builders' Exchange.

PORTLAND BUILDERS AGAINST WAGE INCREASE

The Building Construction Employers at its meeting in the rooms of Portland, Ore., Builders' Exchange, January 17, passed a resolution that it was the concensus of the meeting that the proposed raise in wages to take effect March 1, as passed by the Building Trades Council, be denied. The Building Construction Employees contains practically all building crafts employers, except plumbers, heating contractors and electrical contractors. J. S. Seed is president.

ORGANIZATION NEWS

FRESNO ENGINEERS WILL OPPOSE GRAND JURY RECOMMENDATION

The recommendation of the Fresno County Grand Jury, advocating a change in the present laws to allow the county surveyor to appoint deputies without pay, to do certain work, has caused strong opposition from many of the engineering profession in Fresno.

A petition of protest is being prepared by members of the Fresno branch of the American Association of Engineers, which is to be signed by those who oppose the proposed change, and copies of which will be sent to the grand jury and to the state legislators from the Fresno district.

The grand jury's recommendation was that the county government act be changed to allow the county surveyor to appoint deputies without pay, to do private work, estimating corners and making line surveys, all of the information obtained in the performance of such wor kto become and remain the property of the county.

This, the recommendation says, would cost the county nothing and would result in the surveyor being able to collect much valuable information for the county records.

John S. Bates, Fresno civil engineer, who with others, is preparing the statement of protests, says that he, and others of the engineering profession in Fresno, believe this plan would accomplish no good and some harm in that an experienced surveyor would not take a deputyship and the work would be done by inexperienced men.

An official of the Fresno chapter of the American Association of Engineers declares that the matter will in all probability be brought up at the next meeting of the Fresno branch, or possibly at a special meeting to be called for that purpose, since the next regular meeting is not until February 10th.

AMERICAN HIGHWAY ASS'N FILES INCORPORATION ARTICLES

With the primary object of raising a billion dollars by private subscription to construct a national highway system, the American Highway Association, whose directorate is composed of Northern California men, filed articles of incorporation in the offices of Secretary of State Frank C. Jordan. Headquarters of the association will be in Sacramento.

The association proposes the construction of five transcontinental highways and 10 north and south highways, to be completed in five years. It proposes further to link up these highways with at least one in each state running north and south and another running east and west. Promotion of roads running through the capital of each state and by points of scenic interest is sought.

The proposal is fathered by Dr. F. L. Horne, of Auburn. Besides Horne on the board of directors are H. G. Denton, Ernest M. Kimberlin, Omer E. Chuck, E. E. Trower and J. A. Jack, of Sacramento, J. E. Bergtholdt of Auburn, M. T. Kelly, of Placerville, Frank A. Kent of Stockton and William F. Morrish, of Berkeley.

Members of the board declare they expect to enlarge the activities of the association by opening branches later in every important city in the United States.

OAKLAND BUILDERS' EXCHANGE TO ASSIST IN VAUGHN AFFAIR

The Oakland Builders' Exchange has undertaken to aid in the straightening out of the affairs of M. C. Vaughn, contractor on the Highland (Alameda county) Hospital who disappeared leaving his affairs in a tangled condition and a number of claims from subcontractors unsettled. A number of these subcontractors are members of the Builders' Exchange and there is a general desire upon the part of the officers and members to aid in working out some plan by which all claims will be met. To this end the exchange has appointed a committee consisting of L. C. Fraser, W. G. Thornally and T. D. Sexton to cooperate with all claimants and with the county officials in working out a satisfactory solution to the affair.

The Builders' Exchange has adopted a resolution to the effect that no members of the exchange go on any private bond, and the board of directors has also expressed itself as opposed to having members of the exchange going on indemnifying bonds for surety companies. From now on this will be the policy of the board of directors.

BUILDERS OF SAN JOAQUIN VALLEY TO ORGANIZE

Launching a plan to bring all San Joaquin Valley builders and contractors into working agreements through inter-related builders' exchanges, a committee of Fresno county contractors were in Visalia for conferences expected to start the movement in that city.

It is proposed to have communities throughout the valley organize bodies modeled after the Fresno Builders' exchange and the Valley Industrial Association. The Fresno committee is selected from these two bodies. The purpose of the organization would be to handle and adjust labor relations to keep harmonious conditions existing throughout the San Joaquin.

Following the Visalia organization, the committee will confer with business leaders in Hanford, Merced, Modesto, Dinuba, Selma and Sanger. Two weeks will be spent in organization of the bodies for cooperation.

The Fresno committee consists of H. E. Vogel, J. C. Martin, O. L. Eberts, Frank Mibart, Harry Shields, R. W. Crouch, A. R. Dutton, H. E. Verble and J. W. Hunt.

SEATTLE PLUMBERS ELECT

W. J. Ashwell of Ashwell and Twist, Seattle, has been elected president of the Seattle Master Plumbers and Heating Engineers' Association, succeeding W. H. Ruddell of the West Coast Heating Company. He will serve during the ensuing year.

Other officers named are: Ben Randall, vice president, and J. J. Ward, of Wenzler & Ward, re-elected secretary-treasurer.

The board of directors follows: P. J. Lavan, F. C. Hellenthal, of the Hellenthal Plumbing & Heating Company; F. A. Dupar, of Dupar-Blythe Plumbing & Heating Company; J. J. Ward, W. H. Ruddell and W. J. Ashwell. Hellenthal and Dupar are newly elected directors; Lavan was re-elected and Ward, Ruddell and Ashwell are holdover directors.

OAKLAND BUILDERS WILL BUY SLOGAN TO FURTHER BUSINESS

The Oakland Builders Exchange wants a slogan that will be a striking catch phrase and describe the building business.

In order to encourage suggestions the Builders Exchange announces an offer of $25 in gold for the first prize, with second and third prizes of $10 and $5.

There are no restrictions upon the offer. Anybody who can coin a good, short phrase telling of the usefulness of building is entitled to compete, and anyone can submit just as many suggestions as they please. The only restriction is that each suggestion must be on a separate slip of paper, and that the name of the writer must be submitted with it so that identification can be easy.

The Exchange wants a striking, short slogan that can be put on letter heads, business cards, and upon quarter cards that will be put on every building constructed by a member of the Exchange. The exchange is willing to pay $25 in gold for the best one. Further information about the contest can be obtained from E. W. Shaw, the secretary of the Exchange, at 351 Twelfth street, Oakland, or by telephoning to Lakeside 6750.

The handling of this competition is in the hands of a committee composed of H. D. Jones Jr., A. J. Hillman and G. Walter Spencer, who can be seen at their various places of business.

CONTRACTORS' ASSOCIATION TO EMPLOY ENGINEERING EXPERT

A position for a high-grade engineer paying between $5000 and $10,000 a year, and for an expert accountant, not exceeding $6000 a year, soon will be offered by the Contractors' Association of Northern California.

Meeting in annual convention at the Whitcomb Hotel, San Francisco, the association authorized its board of directors to obtain two such men to help it stabilize systems for contract bidding and to advise its members "what they are going up against" on each job upon which they will bid.

Acting on a motion from H. J. Kaiser of Oakland, the association unanimously approved the selection of an engineer representing the entire organization.

"I am firmly convinced," Kaiser said, in laying the matter before the convention, "that such an engineer would pay a dividend to the association at the end of the year."

Both the engineer and the accountant will be given assistants, the former with a filed force of four or five and the latter whatever may be required—should any be required.

VALLEY LUMBERMEN ELECT

J. C. Ferger, Fresno retail lumber dealer, was re-elected president of the San Joaquin Lumbermen's Club, at the annual meeting in Fresno, January 20. Ferger is also president of the Western Lumbermen's Association.

Other officers named included Elmore King, Bakersfield, vice president; J. G. Martin, Fresno, treasurer; F. F. Minard, Fresno, secretary; R. O. Deaeon, J. G. Martin and F. Dean Prescott, Fresno, delegates to Spokane convention of Western Lumbermen's association.

WALK-WAY SURFACE CONFERENCE

A conference to consider the advisability and feasibility of formulating a national safety code on walkway surfaces, has been called by the American Engineering Standards Committee, to be held in the Engineering Societies Building, New York City, February 11. Forty trade associations, technical societies, safety organizations, and government departments, have been invited to send representatives to this meeting.

The importance of the subject of this conference is emphasized in a letter from a group of representative manufacturers of safety tread materials, to the American Engineering Standards Committee, which points out that approximately 15,000 persons are killed in the United States each year by falls of various sorts, and that nearly one-half of these falls occur on stairs and floor levels. Fatalities due to falls, in fact, constitute about one-fifth of the total number of accidental deaths from all causes. The Safety Committee of the National Electric Light Association has reported that among 69 companies in 22 different states, accidents due to falls resulted in a greater amount of lost time than those due to any other cause.

SACRAMENTO ELECTRICAL MEN ORGANIZE

The Sacramento Valley Electrical Society was organized at January 17 in the Hotel Land, Sacramento. The association has as its object the development of electricity and its uses in the Sacramento Valley and will take an active part in civic and community matters.

Those elected to office are: J. C. Hobrecht, president; Jay A. Davis, secretary; James A. Woods, treasurer; J. C. Tobey, H. A. Shrearer, M. P. Canon, W. E. Camp, R. W. Brewster and L. J. Fletcher, directors.

Speakers at the organization meeting included R. E. Fisher, chairman of the advisory board of the California electrical cooperative campaign, and L. J. Fletcher of the college of electrical engineering of the University of California.

SEATTLE LUMBER CREDIT ELECTS OFFICERS

The Retail Lumbermen's Credit Association at its annual banquet January 16, with an attendance of 150 lumbermen and guests, elected the following officers to serve for the ensuing year:

President, C. C. Maryott, Elliott Bay Mill Company; vice president, Nick Brace, Brace Lmbr. Co.; treasurer, Ellis Provine, Blossom-Province Lumber Company; secretary, P. G. Hilditch.

Board of directors: C. C. Maryott, Elliott Bay Mill Company; Walter Virgin, Bolcom-Canal Lumber Company; Ellis Provine, Blossom-Provine Lumber Company; Nick Brace, Brace Lumber Company; W. A. Whitman, West Waterway Lumber Company; R. C. Williams, Williams Fir Finish Company; Alvin Schwager, Nettleton Lumber Co.; C. T. Oliver, Mercantile Lumber Company; George Rich, Colby & Dickinson, Inc.

KERN ENGINEERS ORGANIZE

The Kern County Engineers Association was formally organized at a meeting in Bakersfield January 19 and the following officers elected to serve until the annual meeting in April: President, Arlington M. Smith; first vice president, E. T. Langdale; second vice president, T. L. Briggs; third vice president, R. M. Berryhill; fourth vice president, Frank Wheeler; secretary, Frank A. Bartlett; treasurer, Emanuel Lissner

Regulations Governing Removal Of Sand and Gravel From Navigable Rivers

State and Federal regulations which govern the removal of sand and gravel from navigable rivers were recently brought to light as the result of an investigation on behalf of a member of the Associated General Contractors of America, says the December News-Letter of that organization.

The member referred to found that the State claimed ownership of the bottom of its navigable rivers and other deposits.

The knowledge of such regulations which cover the question of the right to remove material, royalties, title and method of operation will prove of interest to every contractor interested in similar operations and these regulations may be outlined as follows:

1. Permission to remove gravel from the bed of a navigable river must be obtained from the Federal Government by means of a permit which carries the following explanatory note:

"It is to be understood that this instrument does not give any copyright in either real estate or material or any exclusive privileges; and that it does not authorize any injury to private property, or invasion of private rights, or any infringement of Federal, State or local laws or regulations, nor does it obviate the necessity of obtaining State assent to the work authorized. It merely expresses the assent of the Federal Government so far as concerns the public rights and navigation." (See Cummings vs. Chicago, 188 U. S., 410.)

2. The shores of navigable waters and the soils under them were not granted by the Constitution of the United States but were reserved to the States respectively. The Federal Government has, therefore, no ownership in or title to the banks and beds of navigable rivers, and no property rights in the material of which they are formed, except where such areaa are within the limits of a Government reservation or ownership thereof has been acquired by purchase or by some of the other methods by which title to property is acquired.

In some States the bed of a river belongs to the riparian owner, and in others it is property of the State. The control of the riparian owner will therefore depend upon the laws of the State in which the river is situated and the removal of gravel and any payment of royalties thereon will be governed by the rights reserved to itself and those conferred upon riparian owners. These rights vary in the different States.

3. There are three plans therefore under which operations are carried on. These are:

a. Ownership of the land, which carries with it the right to excavate the riparian limits without payment of royalty to the State. The limit of these rights may vary from five feet off shore to the middle of the stream, depending on the laws of the individual States.

b. Leasing of lands from the riparian owner for the purpose of removing gravel which is in effect the same as the case above.

c. Leasing from the State or paying royalty on material removed. Operations under this class are outside the limit of the riparian owner and entirely under control of the State. The conditions of lease and the amounts of royalty vary in the different States. In some instances the royalties have been as high as 20 cents a ton, in others 10 cents a ton. Lower rates are doubtless common.

Before paying any royalties then, it is advisable to establish definitely whether the operations are to be conducted outside the riparian limit as any overstepping of these limits would probably entail payments to the riparian owner.

MASTER PAINTERS WILL MEET IN BERKELEY

The next annual convention of the State Association of Master House Painters and Decorators will be held in Berkeley. This city was determined upon at the close of the 1923 convention held in Los Angeles.

Officers elected at the Los Angeles meeting are: President, Harry McManus, of Oakland; first vice president, William Germain, of Los Angeles; second vice president, George Bowen, of San Francisco; secretary, William Wooley, of Burlingame; treasurer, Max Cohn, of San Francisco; sergeant-at-arms, H. Axe, of San Francisco.

$25,000,000 FOR FEDERAL BUILDING PROGRAM

Immediate authorization of from $25,000,000 to $30,000,000 for erection in Washington of buildings to house Government agencies now in rented quarters is recommended in a report to Congress by the Public Buildings Commission.

Economy through rental savings was the basis of the recommendations, which included also a proposal for erection in the historic pension building court, where many Presidential inaugural balls have been held, of steel racks for filing Government records. The inaugural ball has been abandoned for a number of years.

New appropriations for public buildings, the commission recommended, should be available at the rate of two or three million dollars annually

CIVIL SERVICE EXAMINATIONS

The San Francisco Civil Service Commission, Room 151 City Hall, announces examinations to be held February 8 for the following positions: Blacksmiths, boilermakers, bricklayers, cabinet makers, carpenters, cement finishers, engineers of hoisting and portable engines, engineers of stationary steam engines, glaziers, granite cutters, machinists, marine engineers, marine engineers of gasoline engines, painters, pattern makers, plumbers, steam fitters tinners, varnishers and polishers. Applicants must be citizens of the United States, 21 years of age or over and residents of San Francisco for at least one year next preceding February 2, 1923.

Applications will be furnished by commission by applying in person or by mail.

FOREST FIRE CONTROL

Fire control on the National Forests becomes every year more effective because of the various forms of cooperation obtained, states Colonel William B. Greeley of the Forest Service. Man-caused fires are still the great hazard and the great problem. The only way, he says, to reduce these fires is to impress the habit of care with fire on the minds of users and visitors on National Forests. In 1921 the total number of man-caused fires was 4,400, yet there is no more reason for the usual man-caused fire on the National Forests than there is for the usual grade-crossing accident.

Building News Section

APARTMENT HOUSES

[illegible] Awarded
APARTMENTS Cost, $45,000
SAN FRANCISCO, S Eddy 87-6 W Leavenworth.
[illegible]-story and basement concrete (25) apartments.
Owner—Henry Cailleaud, Jr., 1230 Sacramento St., San Francisco.
Contractor—Louis Johnson, 2260 19th Ave., San Francisco.

[illegible] Contract Awarded.
APARTMENTS Cost, $65,000
SAN FRANCISCO, NE McAllister and Leavenworth.
[illegible]-story concrete (24) apartments.
Owner—Mrs. A. Grimm.
Architect—T. Patterson Ross, 310 California St.
The carpentry work has been awarded to T. Merchant, 180 Jessie St., at $[illegible].
The other sub-contracts were reported [illegible] 25, 1922.

Contract Awarded.
APARTMENTS Cost, $19,500
OAKLAND, Alameda Co., Cal., E Hadden R. [illegible] S Trestle Glen Road.
Two-story 16-room apartments.
Owner—Robert F. Baddeley, 619 18th St., Oakland.
Contractor—Harry C. Knight, 388 12th St., Oakland.

Contract Awarded.
APARTMENTS Cost, $17,000
SAN FRANCISCO 94 W 19th Ave.
Two-story frame stores and (4) apts.
Owner—[illegible] V. Sachs, 5505 Geary St., San Francisco.
Architect—[illegible] Morrison, 716 41st St., San Francisco.
Contractor—A. M. Hardy, 518 24th Ave., San Francisco.

[illegible] Segregated Figures.
APARTMENTS Cost, $40,000
SAN FRANCISCO, SW Filbert & Larkin.
[illegible] basement reinforced [illegible] apartments.
Owner—[illegible] 600 Powell St., S. F.
Architect—[illegible] O. Clausen, Hearst Bldg., San Francisco.

[illegible] Cost, $30,000
[illegible] L. A. Co., Cal., SE Santa [illegible] Sacramento St.
[illegible] apartments.
[illegible] & Curtis
Contractor — Milwaukee [illegible] Wright & Callender Bldg., Los Angeles.

Completed. Owner Taking Segregated Bids.
APARTMENTS Cost, $23,700
[illegible]TO, Cal. Sacramento Blvd.
[illegible]-story and basement brick apartments (four 4-room apts.)
Owner—Mr. and Mrs. Henry Schmidt, [illegible] Blvd., Sacramento.
Architect—Fred S. Harrison, Peoples Bank Bldg., Sacramento.

[illegible] Prepared.
APARTMENTS Cost, $225,000
[illegible] L. A. Co., Cal., Philadelphia and Washington Sts.
[illegible] C stores and apartments [illegible] building (24 2-room [illegible] 3-room apts.)
Owner—[illegible] Co.
Architect—[illegible] & Lisco, Pacific [illegible] L. A.

[illegible] Being Taken.
[illegible] Cost, $87,000
[illegible]O, N Sutter St. E of [illegible]
[illegible] basement frame and [illegible] house (24 2, 3 [illegible] apts.)
Owner—[illegible]
Architect—A. H. Kelly, Hearst Bldg., San Francisco.

Steel Contract Awarded—Sub-Figures Being Taken on The Balance of the Work.
APARTMENTS Cost, $111,500
SAN FRANCISCO, NE Sutter and Leavenworth Streets.
Six-story and basement brick and steel (33) apartments.
Owner — L. B. Ham, 105 Montgomery St., San Francisco.
The steel contract was awarded to the Golden Gate Iron Works at $9000.

Contract Awarded.
APARTMENTS Cost, $41,500
SAN FRANCISCO, W Scott 55 S Grove
Three-story and basement frame (12) apartments.
Owner—S. A. Schwartz, 430 Funston Ave., San Francisco.
Architect—H. C. Baumann and Edw. Jose, 251 Kearny St., San Francisco
Contractor—Axel A. Johnson, 632 Belvedere St., San Francisco.

Additional Contracts Awarded.
APARTMENTS Cost, $100,000
SAN FRANCISCO, S Jackson 124 E Franklin.
Five-story and basement steel and reinforced concrete apartment house (10 6-room apts. with basement garage)
Owner — Edgar Brownstone and I. R. Kissel.
Architect—Bliss & Faville, Balboa Bldg., San Francisco.
Ornamental Iron Work to Spiegel and Johnson.
Plumbing to Frank Davison, 739 Brannan St., S. F.
Heating to Knittle-Cashel.
Electrical Work to San Francisco Electric Company.
Sheet Metal Work to Morrison & Co., 769 McAllister St., S. F.
Concrete, Carpentry and Mason work awarded to Matt. Y. Brady, Monadnock Bldg., $56,315.
Structural Steel work to Western Iron works, 141 Beale St., $4880.

Plans Being Prepared.
APT. HOUSE Cost, —
LOS ANGELES, 1212 W 9th St.
Four-story and basement class C brick apartment house (125 rooms)
Owner—P. M. Ruthfield.
Architect — Leonard L. Jones, Grosse Bldg., Los Angeles.

Contract Awarded.
APARTMENTS Cost, $18,000
SAN FRANCISCO, NW 19th & Sanchez Streets.
Two-story frame apartments.
Owner—H. T. Clark.
Contractor—E. Ellingson, 180 Jessie St., San Francisco.

Ready for Figures Friday.
APARTMENTS Cost, $20,000
SAN FRANCISCO, N Pine 175 E Jones.
Three-story and basement frame (9) apartments.
Owner — J. Collin, 110 Sutter St., San Francisco.
Architect — Fabre & Hildebrand, 110 Sutter St., San Francisco.
Figures will be taken for a general contract with separate bids for the heating and plumbing.

Plans Complete
APARTMENTS Cost, $16,000
OAKLAND, SE 55th St. and Shattuck Ave.
Two-story 23 room frame apts.
Owner—A. H. Nehemnacher, 792 19th St., Oakland.

LONG BEACH, L. A. Co., Cal.—Archt. Curlett & Beelman, 408 Union Bank Bldg., L. A., are preparing plans for a class A apt. store and hotel bldg. to be erected on E. Ocean Ave. and extending through to Seaside Blvd., Long Beach, for El Esliver Holding Co. It will be 12-story on Ocean Ave. and 14-story on Seaside Blvd. It will contain stores and shops in the 2 lower stories with 220 apts. and 80 single rooms in the upper stories. 120x160 ft. reinf. conc. constr., stucco exter., cast stone trim, tile roofing, pine trim, tiled baths, 4 elevators, refrigerating system, steam heating, vacuum cleaning, wall beds, etc. The cost will be $1,250,000. W. A. Heitman Constr. Co., Merrit Bldg., L. A., has the contract to erect the bldg. The Milton Realty Co., of Long Beach, is promoting the project.

PORTLAND, Ore.—Architects Claussen and Claussen, Macleay Bldg., will take bids shortly for 4-story brick and concrete apartments to be erected for Isabelle M. Newton at Jefferson and 11th Sts. 80x110 ft., est. cost, $110,000. Separate bids will be taken for heating and plumbing.

PORTLAND, Ore.—Architects Claussen and Claussen, Macleay Bldg., preparing plans for 2-story and basement, masonry, 50x100, apartment house to be erected for Frank Cunningham at Fremont and Michigan Sts. Brick exterior on street fronts; est. cost $50,000.

BANKS

Contract Awarded.
BANK BLDG. Cost, $16,500
OAKLAND, Alameda Co., Cal. N E Fourteenth St. 30 W 34th Ave.
One-story brick and concrete bank building (Fruitvale Bank).
Owner—Oakland Bank of Savings.
Architect — Reed & Corlett, Oakland Bank of Savings Bldg., Oakland.
Contractor — F. A. Muller, Syndicate Bldg., Oakland.

Plans Being Figured—Bids Close Feb. 8, 1923
BANK BLDG. Cost, $225,000
POMONA, Los Angeles Co., Cal.
Five-story, mezzanine and basement Class A bank and office building, 60x90.
Owner—First National Bank.
Architect—Aleck Curlett & Claud Beelman, Union Bank Bldg., Los Angeles.
Bids are being taken separately on the general contract, plumbing, wiring, electric work, painting, marble and bronze work.

BONDS

WOODLAND, Yolo Co., Cal. — City council plans purchase of $30,000 worth of fire equipment. Election will probably be held in April to vote bonds to finance purchase.

PALO ALTO, Santa Clara Co., Cal.—Election will be held Feb. 9 to vote bonds of $160,000 for extensions to water and sewer systems. J. J. Byxbee, Jr., city eng.

POMONA, Cal. — City Eng. E. C. Froehde and Mayor Ovington recommend a bond issue of $100,000 for a new municipal sewer system.

VENTURA, Cal.—City trustees will call bond election to vote an issue for acquiring a water system.

CALIFORNIA—State Treasurer sells $5,000,000 worth of state highway bonds for premium of $16,000. Proceeds will finance operating expenses and obligations already incurred. R. M. Morton, State Highway Eng.
Eng. 21

MONTECITO, Santa Barbara Co., Cal. —The special election to vote bonds in the sum of $850,000 for water pipe installation and starting the driving of a water tunnel will be held in Montecito, Tuesday, February 27.

SALEM, Ore.—State Highway Commission sells $500,000 block of highway bonds for premium of $5,056.

HUNTINGTON BEACH, Cal.—The $300,000 street paving bond issue will be voted on at special election Feb. 27. The money will be used for paving Ocean Ave.

CALIFORNIA.—Assemblyman Chas. A. Foster of Fowler will introduce bill calling for $10,000,000 bond issue to be voted upon at the next general election, funds to finance state highways. Bill specifics that its purpose is to carry out existing construction programs, which have been halted for lack of funds and that it shall not be applied to new construction. The bill was prompted by the statement of Harvey Toy of the Highway Commission that the commission is "broke."

CHURCHES

Contract Awarded
CHURCH Cost, $30,000
SAN FRANCISCO. Fortieth Ave., Thirty-ninth Ave. and Balboa St. (St. Thomas Church).
Frame church.
Owner — Roman Catholic Archbishop, 1100 Franklin St., San Francisco.
Architect—Albert M. Cauldwell, 251 Kearny St., San Francisco.
Contractor—J. A. Bryant, 185 Stevenson St., San Francisco.

Plans Being Prepared.
CHURCH Cost, $250,000
LOS ANGELES, L. A. Co., Cal., Wilshire and Plymouth Blvd.
Fireproof church.
Owner—Wilshire Congregation church (Rev. Frank Dyer, Pastor).
Architect—Chas. M. Winslow, 1134 Van Nuys Bldg., L. A.

BAKERSFIELD, Kern Co., Cal. — First Church of Christ Scientist, F. C. Shaw, pastor, will erect $50,000 edifice at Seventeenth and G Sts.

MESA, Ariz.—Construction of foundation for $500,000 Mormon temple has begun. The ground has been staked and hauling of materials has been started. Sand will be hauled from Twohy Bros. Construction Company's camp and rock will be purchased from Phoenix-Tempe Rock Crushing Co. and loaded at Temple. No further delay in the work is anticipated and every effort will be made to complete the temple as soon as possible.

HOLLYWOOD, L. A. Co., Cal.—John Simpson & Co., 701 Antonio St., L. A., were low bidders at $93,585 for erecting a new church bldg. at Lexington Ave. and Vine St. for First M. E. Church, South, of Hollywood. Other bids were: Wm. Simpson Construction Co., $101,000; Bavin & Burch Co., $104,584; and Gauger Construction Co., $110,101. Bids taken under advisement. Robert H. Orr, 1305 Corporation Bldg., L. A., archt. The bldg. will be 120x92 ft., 2-story, with an intermediate story. It will contain an auditorium, assembly room, banquet room and class rooms; brick constr., plas. exter., tile roofing, pine trim, art glass, furnace heating.

FACTORIES & WAREHOUSES

Contract Awarded.
FACTORY Cost, Approximately $170,000.
EMERYVILLE, Alameda Co., Cal. 12 acres bet. Powell and 62nd Sts.
One and two-story fireproof insulator factory (first unit).
Owner—Westinghouse Elec. & Mfg. Co., First Nat'l. Bank Bldg., S. F.
Architect — Bernard H. Frack, Pittsburgh, Penn.
Contractor—R. McLeran & Co., Hearst Bldg., San Francisco.

Contract Awarded.
FACTORY Cost, $25,000
SAN FRANCISCO, N Bryant E Third.
Three-story reinforced concrete cigar factory.
Owner—Ehrman & Co.
Architect—S. Heiman, 57 Post St., San Francisco.
Contractors—MacDonald & Kahn, 130 Montgomery St., S. F.

Figures Being Taken From A Selected List of Contractors.
ADDITION Cost,—
SAN FRANCISCO, 187 Shipley St. adjoining.
Two-story reinforced concrete addition to candy factory.
Owner—Withheld.
Architect—O'Brien Bros.
Lessee—Townsend's Glace Fruit Co., 315 Montgomery St., S. F.

Contract Awarded.
BUILDING Cost, $25,000
SACRAMENTO, Scto. Co., Cal., 9th and R Streets.
One-story brick, concrete and steel building.
Owner—Readers Welding Works.
Architect—Jens Peterson, Peoples Svgs. Bank Bldg., Sacramento.
Contractor—J. W. Lattin.

Segregated Figures Being Taken.
ADDITION Cost, $45,000
SAN FRANCISCO. NE Mission and Otis Streets.
Two-story reinforced concrete and brick addition to factory.
Owner—Pacific Embroidery Co.
Architect—Albert Burgren, 110 Sutter St., San Francisco.

Plans Being Prepared.
BAKERY BLDG. Cost, $100,000
FRESNO, Fresno Co., Cal. SE Van Ness and California Aves.
Two-story reinf. conc. and steel bakery bldg. 150x80.
Owner — Sunshine Bakeries Co. (Ed. Morris owner) 220 Fresno St., Fresno.

Plans Complete.
STORE & LOFT BLDG Cost, $125,000
SAN FRANCISCO, SE Powell & O'Farrell.
Remodel 4-story brick store and loft building.
Owner—Regan Estate Co.
Architect — August Nordin, 717 Mills Bldg., S. F.

Contract Awarded.
FACTORY Cost, $15,061
OAKLAND, Alameda Co., Cal. Lots 42, 43, 44 and 45 Subdivision Surryhne Tract.
Concrete factory.
Owner—United Autographic Register Co. of Chicago, Ill.
Architect—None.
Contractor — Walter Murch, Federal Bldg., Oakland.

Low Bidder.
CANNERY BLDG. Cost, $25,000
SAN FRANCISCO, South of Market St.
One-story Class C cannery building.
Owner—Withheld.
Architect—O'Brien Bros., 240 Montgomery St., San Francisco.
Low Bidder — John Spargo, 354 Russ Bldg., San Francisco.

FRESNO, Fresno Co., Cal. — Danish Creamery Co., E & Inyo Sts., Fresno, has completed plans for an addition to be built to its plant at E and Inyo Sts., to cost about $20,000. J. R. Murphy, manager.

LODI, San Joaquin Co., Cal.—F. W. Friel, representing the Ford Federated Factors, announces closing a deal with outside capital for a site at Sacramento and Lockeford Sts., on which will be erected a two-story brick 175 by 180 ft. warehouse, to cost $35,000.

JOOST BROTHERS
Builders' Hardware
Tools, Etc.
(Members Builders' Exchange)
1053 MARKET ST.
Phone Market 891 San Francisco

SPOKANE, Wash.—Cranston-Brewer Box Factory, recently destroyed by fire, will be rebuilt at cost of $25,000. New plant will have a capacity of better than a car per day. O. Z. Brewer is manager of the company.

SPOKANE, Wash.—White Pine Sash Co., Spokane, will install a band mill in place of a circular mill on the opposite side of the river from Kettle Falls, according to announcement of Henry G. Klopp, president of company, cost $50,000 to $75,000.

RIVERBANK, Stanislaus Co., Cal. Funds have been secured to finance construction of canning plant, the first unit of which will be of fireproof construction, 50 by 150 ft. C. L. Flock, of First National Bank, Riverbank, head company which will be organized immediately. Plans will be located adjoining Santa Fe right of way between 2nd and 3rd streets.

BERKELEY, Alameda Co., Cal. Bid for the concrete work on the main structure of the new stadium in Strawberry Canyon at the University of California will be called for within month. The cost will be approximately $500,000. Plans were prepared by a commission composed of E. E. Carpenter, Geo. F. Buckingham and John Galen Howard, University of California, Berkeley and Crocker Bldg., S. F.

VALLEJO, Solano Co., Cal. — Until Feb. 5, 12 m., bids will be received by Alf. E. Edgecumbe, city clerk, to construct timber frame and corru. iron shop and warehouse building at the Corporation Yard, Virginia and Colusa Sts. Cert. chk. 10% payable to city required. Plans obtainable from T. D. Kilkenny, city engr.

SAN JOSE, Santa Clara Co., Cal. Pacific Gas and Electric Co., 445 Sutter St., San Francisco (John D. Kuster, San Jose representative) will erect new 1 ft. gas generator at its plant here, est. cost $100,000.

ASTORIA, Ore.—G. R. Clerin and J. E. Wright, representing the Pacific Hoop Co., have closed deal for purchase of 200 acre site on water front and will establish a plant for the manufacture of wooden barrel hoops and later will probably include the manufacture of staves and barrel heads at a later date. Some machinery now owned by the company will be shipped from Portland to the new plant.

HUNTINGTON BEACH, Cal. — Pacific Gasoline Co. will erect a large absorption plant at this point. The plant will have a capacity of 5,000,000 cu. ft. gas coming from the leases of the Amalgamated Oil Co. Tests show that about 1000 ft. of gas make one gallon of gasoline. W. J. Bower, Los Angeles, pres. and mgr. and E. T. Hellebrand in charge of construction.

SAN BERNARDINO, Cal. — Asa T. Ambler, C. S. Gamble, Pasadena and A. William Wagner, of Alhambra are back of a plan to build a grain storage and distributing plant on I St. between 9th and 10th Sts. Cost, $100,000.

FLATS

To be Done by Day's Work.
FLATS Cost, $10,000 each
SAN FRANCISCO. SE Eighteenth Ave. and Cabrillo and SW Nineteenth Ave. and Cabrillo.
Two two-story and basement frame flat buildings (2 flats each).
Owner—E. A. Janssen, 402 Hearst Bldg. San Francisco.
Architect—None.

To be Done by Day's Work.
FLATS Cost, $9000
OAKLAND, Alameda Co., Cal. N Fairbanks 250 E Walker Ave.
Two-story 10-room frame flats.
Owner—H. P. Fisher, Syndicate Bldg. Oakland.

Plans Completed.
FLATS Cost, $20,000
SAN FRANCISCO. SE Geary Street and Twenty-third Avenue.
Two-story and basement frame (3) stores and flats.
Owner—Robert H. Smith, 180 Jessie St., San Francisco.
Architect—Owner.

Contract Awarded.
FLAT BLDGS. Cost, $17,287
SACRAMENTO, Cal. No. 1045 Thirty-eighth St.
Two-story (4) flat building of 5 five rooms each.
Owner—S. W. Cross, Forum Bldg., Sacramento.
Architect—None.
Contractor—R. M. Smith, 2633 30th St., Sacramento.

Segregated Figures Being Taken.
FLATS Cost, $14,000
SAN FRANCISCO, 18th Ave. California & Clement.
Two-story and basement frame & stucco flats (2 6-room flats with basement garage).
Owner—B. Asaro.
Architect—C. O. Claussen, Hearst Bldg., San Francisco.

Contract Awarded.
FRAME FLATS Cost, $12,600
SAN FRANCISCO. N Fulton 58 E 18th Avenue.
Two-story and basement frame (2) flats.
Owner—Nicholas Prost, 4136 Fulton St., San Francisco.
Architect—J. P. Christiansen, 518 25th Ave., San Francisco.
Contractor — H. C. Christiansen, 518 25th Ave., San Francisco.

Contract Awarded.
FRAME FLATS Cost, $14,000
SAN FRANCISCO. NE Greenwich and Powell Sts.
One-story and basement frame (2) flats.
Owner—J. Caselli & S. Gultini.
Architect—I. Zanolini, 604 Montgomery St., San Francisco.
Contractor — Facchio & Rossina, 36 Cunningham Place, San Francisco.

Contract Awarded.
STORE AND FLATS Cost, $11,000
SAN FRANCISCO. Vinton Court W side Grant Ave. bet Pine and California Streets.
Two-story reinforced concrete store and flat building.
Owner — Robert Ng., NW Grant Ave. and Vinton Court, San Francisco.
Architect—A. A. Cantin, Foxcroft Bldg., San Francisco.
Contractor—Monson Bros., 251 Kearny St., San Francisco.

GARAGES

Contract Awarded.
GARAGE Cost, $14,000
FRESNO, Fresno Co., Cal. No. 1422 Van Ness Ave.
Reinforced concrete garage.
Owner—W. G. Hayden, Rowell Bldg., Fresno.
Architect—None.
Contractor—Miller & Wyatt, Fresno.

Plans Being Prepared.
GARAGE Cost, $85,000
LOS ANGELES, L. A. Co., Cal.
Four-story class C garage 50x150.
Owner—A. Weber.
Architect—Corwin & Merrill, Douglas Bldg., L. A.

Plans Being Re-Figured.
GARAGE, ETC. Cost, $25,000
SAN FRANCISCO. S Pacific Ave. 123 E Van Ness Ave.
Two-story concrete garage and paint shop.
Owner—A. A. Tiscornia, Gunst Bldg., San Francisco.
Architect—August G. Headman, New Call Bldg., San Francisco.

Contracts Awarded.
GARAGE Cost, $125,000
SAN FRANCISCO SW Fell and Gough Streets.
Two-story reinforced concrete Class B garage 192x120.
Owner—Louis R. Lurie Co.
Lessee—Pacific Telephone & Telegraph Company.
Architect—O'Brien Bros., 240 Montgomery St., San Francisco.
Contractor—Yukicevich & Bagge, 180 Jessie St., San Francisco.
Elevator awarded to Van Emon Elev. Co., Inc., at approximately $5000. The same company was also awarded a contract for the elevator for the building on Fifth and Clementina Sts.

SAN JOSE, Santa Clara Co., Cal.—Pacific Gas & Electric Co., 445 Sutter St., San Francisco, (John D. Kuster, San Jose representative), will erect $75,000 garage and warehouse at Stockton and Lenzen avenues, which the company recently purchased.

VISALIA, Tulare Co., Cal. — Studebaker Garage, Locust and Center Sts., will construct a 52-ft. addition to the present garage for machine shop quarters.

GOVERNMENT WORK AND SUPPLIES

Plans Being Prepared.
DEPOT BLDG. Cost, $325,000
SAN FRANCISCO, Harrison St. bet. Spear and Main Sts.
Three-story fireproof Marine Corps Depot Building.
Owner—U. S. Government. (Depot of the Pacific U. S. M. C., 36 Annie St., San Francisco.)
Architect—Owner

SAN FRANCISCO.—Until March 2, 11 a. m., bids will be received by U. S. Engineer Office, 401 Customhouse, for fur. and del. approx. 80,000 tons of stone for jetty construction at entrance to Humboldt Bay.

WASHINGTON, D. C. — Henry and McFee, Northern Life Bldg., Seattle, at $395,173.10 (item 2) time 240 days, awarded contract by Bureau of Yards and Docks, Navy Department, under Spec. 4707, to construct extension to Pier No. 4 at Puget Sound Navy Yard; unit price of item 5 also accepted.

"Sandy" Pratt went to Sacramento to help celebrate "Discovery Day"

"I am Jack Hamlin, gentleman gambler; I'm the guy that Bret Harte wrote about."

He looked the part.

He was Clarence F. Pratt, better known in Rotarian circles as "Sandy" Pratt, "Mayor of Westwood Park."

"See this hat?" Sandy demanded, doffing a half-portion tile which is affected by dialect comedians. "I found this hat in Forest Hill the other day. It is 65 years old. The old-timers up there tell me that it was all the style in '49 among those gentlemen who dallied with the pasteboards for a living."

"See this coat?" Sandy demanded again. "I bought this coat the other day in Old Shasta, it is the real thing and was all the rage in cutaways back in the days of '49. And this vest! Simply wonderful and faithful to the days of '49. This gold chain may resemble a young logging chain in size and this nugget charm may look like a chunk of coal, but I assure you I am a living counterpart of Jack Hamlin, the famous gambler of whom Bret Harte wrote."

And with that Sandy posed for the camera, with his kolbandillian headgear, his red shirt, Windsor tie, logging chain, gold nugget, boots and black cane and all.

Sandy descended upon Sacramento last Wednesday to help celebrate "Discovery Day."

Clarence "Sandy" Pratt, "Mayor" of Beautiful Westwood Park, who appeared as Jack Hamlin, Bret Harte's famous gambler character, when the Sacramento People celebrate "Discovery Day," January 24th. Clarence is editor of "Ye Building Gossip or Pratt's Concrete Mix." "Sandy" ships sand from Marysville, Sacramento and Prattco (Monterey County).

TREASURY DEPARTMENT, Office of the Supervising Architect, Washington, D. C., Jan. 15, 1923.

SEALED PROPOSALS will be opened in this office at 3 p. m., Feb. 19, 1923, for construction of the United States Post Office and Custom House at Nogales, Arizona. Drawings and specifications may be obtained from the custodian of the site at Nogales, Ariz., or at this office in the discretion of the Supervising Architect. Jas. A. Wetmore, Acting Supervising Architect.

WASHINGTON, D. C.—Until Feb. 7, 11 A. M., bids will be rec.by Bureau of Yards and Docks, Navy Department, under Specification No. 4716, for cast and wrought iron water mains together with all fittings, valves, hydrants and connections to existing pipes, tower and pump for water supply system at Tiburon, Calif. **See call for bids under official proposal section in this issue.**

SAN FRANCISCO—Until Jan 31, 11 a. m., bids will be received by U. S. Engineer Office, 85 Second St., under Order No. 4305 382 for fur. and del. Rio Vista, Solano county, paints and oils. Spec. will be furnished on application.

WASHINGTON, D. C. — Following bids received by Bureau of Yards and Docks, Navy Dept. under Spec. No. 4615; for piers, bulkhead, breakwater, and dredging at Astoria, Ore.:

Item 1, work, excluding dredging; 2, deduct for each pier omitted; 3, deduct for omitting breakwater; 4, add or deduct for each lin. ft. of pile more or less than 55 ft.; 5, price per cu. yd. of material dredged and deposited behind bulkhead; 6, do deposited at authorized dumping ground.

Henry Makela, 253 Alameda Ave., Astoria, Ore., item 1, $391,500; 2, $11,301.62, 3, $65,000; 4, add 34c. deduct 16c; 5, 49c; 6, 19c.

J. H. Tilman, Seaside, Ore., item 1, $142,497, 360 days; 2, $7900; 3, $36,500; 4, 20c; 5, 48c; 6, 48c.

Gibbs Construction Co., foot of 14th St., Astoria, Ore., item 1, $128,500, 180 days; 2, $7300; 3, $28,500; 4, 18c; 5, 20c, 425 days; 6, 20c, 425 days.

SAN FRANCISCO—Until Feb. 1, 11 a. m., bids will be received by U. S. Engineer Office, 85 Second St., under Order No. 4306 382, for fur. and del. Rio Vista, Solano county: coffee cups, saucers, dinner plates, drinking glasses, desert plates, etc.

WASHINGTON, D. C.—Heller Elevator Co., 250 Milwaukee St., Milwaukee, Wis., at $5272, time 150 days, awarded contract by Bureau of Yards and Docks, Navy Dept., to install elevator in Pattern shop extension at Puget Sound Navy Yard; Spec. No. 4740.

WASHINGTON, D. C. — Following bids received by Bureau of Yards and Docks, Navy Dept., under Spec. No. 4741, for garage, fence and pavement at the naval base, San Diego, Calif.:

Item 1, entire work; 2, garage and pavement, 3, garage and fence; 4, garage only.

Arnold H. DeWaard, 702 So. Spring St., Los Angeles, Calif., item 1, $16,377, 110 days.

Eddleman & Watson, 401 Bancroft Bldg., San Diego, Calif., item 1, $19,390, 110 days.

Cornell & Rauch, National City, Calif. $13,925, 110 days.

Frank Doran, 345 Spreckels Bldg. San Diego, Calif., $15,300.

W. E. Kier Construction Co., 813 1st Nat. Bank Bldg., San Diego, Calif., $16-154, 110 days.

DEPT. OF THE INTERIOR, United States Reclamation Service, Washington, D. C., December 27.—Sealed proposals for furnishing two 5 by 5 foot high sluice gates for Black Canyon dam, Boise project, Idaho, will be received at the office of the United States Reclamation Service, Denver, Colo., until 2 o'clock p. m., February 14. For particulars address the United States Reclamation Service, Washington, D. C. or Denver, Colo. A. P. Davis, director.

PANAMA CIRCULAR 2309. The general purchasing officer, Panama Canal, Washington, will open bids 10:30 a. m., February 5, circular 2309, for black pipe fittings, brass pipe fittings, galvanized malleable iron pipe fittings, 25 cast iron Ys, 500 ft. ⅜-in. tiller rope, 1200 ft. brass tubing, 60 brass bibb cocks, 30 ball cocks, 1000 cable clips, 500 rubber balls, 30 brass flush pipes, 24 brass syphons, 8 good tackle blocks, 11 ice cream freezers, 60 galvanized paint pots, 3000 lbs. rock salt, 5 ream cover paper.

SAN FRANCISCO, Cal.—Bids will be received until Feb. 5, 1923, 11 A. M., by the U. S. Engineer's Office, Second District, 85 Second St., S. F., for wire rope to be delivered at Rio Vista (eight pcs. improved plow steel-⅞" ea. 1000' long; 4 pcs improved plow steel 1" ea. 275' long.

PANAMA CIRCULAR 1511—The general purchasing officer, Panama Canal, Washington, will open bids February 9, circular 1511, for steel, cast bearings, black iron, water meters, steel bolts and rivets, nails, brass nuts, sheet copper and brass, marine boiler furnaces, steel drums, aluminum ware, steel cans, brass valves, liquid door checks, chain hoists, glass, ash oars, barium sulphate, artificial leather, canvas, typewriter ribbons, cotton sheeting, blue print cloth, tag board and cypress lumber.

DEPT. OF THE INTERIOR, United States Reclamation Service, Washington, D. C., December 28.—Sealed Bids will be received at the office of the United States Reclamation Service, Denver, Colo., until 2 o'clock p. m., Feb. 15 for furnishing two 48-inch needle valves for Black Canyon pumping plant Boise project, Idaho. For particulars address the United States Reclamation Service, Washington, D. C., or Denver, Colo. A. P. Davis, director.

DEPT. OF THE INTERIOR, United States Reclamation Service, Washington, D. C., January 3.—Sealed proposals will be received at the office of the United States Reclamation Service, Denver, Colo., until 2 o'clock p. m., Feb. 13 for the inspection of engineering materials and machinery for the Reclamation Service for a period of one year. For further particulars address the United States Reclamation Service, Washington, D. C., or Denver, Colo. A. P. Davis, director.

WASHINGTON, D. C.—Bids are wanted at the bureau of supplies and accounts, Navy Dept., Washington, for misc. supplies for navy yards and stations:

Schedule 430, Puget Sound, 55.6 tons structural steel, opening of February 6.

Schedule 442, for Mare Island, 9000 ft. galv. steel pipe. Bids open Feb. 13.

Schedule 443, for Mare Island, 10,000 sq. ft. copper wire cloth screen. Bids open Feb. 13, 1923.

Schedule 446, for Mare Island, 3000 lbs. curled hair, bids open Feb. 13.

HALLS AND SOCIETY BUILDINGS

Plans Being Completed.
LODGE BLDG. Cost, $——
SELMA, Fresno Co., Cal. High and First Streets.
Two-story and basement fireproof stores and lodge rooms, 60x120 ft.
Owner—Odd Fellows Lodge of Selma.
Architect — Anton Johnson, Kingsburg, Bank Bldg., Kingsburg, Calif.

A. E. Leitch Fred Clark

CLARK & LEITCH ROOFING CO.

Successors to E. S. Warner

Office and Warehouse:

1116 SECOND ST., SACRAMENTO

Phone Main 726

Preliminary Plans Ready
LODGE BLDG. Cost, $——
MERCED, Merced Co., Cal. L and Nineteenth Streets.
Four-story fireproof stores, offices and lodge quarters.
Owner—Building Organization of Businessmen to be organized, headed by J. W. Healy of the firm of Kahn & Healy, Real Estate Operators of Merced, Calif.
Architect—Norman R. Coulter, 46 Kearny St., San Francisco.

Plans Being Prepared.
LODGE ROOMS Cost, $25,000
OROSI, Tulare Co., Calif, Palm Avenue.
Two-story brick, 40x60 lodge rooms
Owner—Orosi Masonic Lodge, Orosi, California.
Architect—Friend and Kimzey, Dinuba, California.
Upper floors will be used for lodge rooms and the lower floor for banquet, reception room, furnace room, kitchen, etc.

Plans Being Completed.
LODGE ROOMS Cost, $25,000
TURLOCK, Stanislaus Co., Cal.
Two-story reinforced concrete lodge rooms, 50x120 ft.
Owner—Order of Redmen, Turlock, Cal.
Architect—G. N. Hilburn, Turlock, Cal.
Three sites are under consideration and when a selection is made bids for construction will be asked.

Plans Being Figured.
LODGE BLDG. Cost, $60,000
HOLLISTER, San Benito Co., Cal. Fifth and San Benito Streets.
Three-story and basement reinforced concrete lodge and store building.
Owner—Elks Lodge of Hollister.
Architect—Shea & Shea, Chronicle Bld., San Francisco.
Figures are being taken for a general contract with separate bids for plumbing, heating and electrical work.

Low Bidder.
EXCHANGE BLDG. Cost, $10,000
RICHMOND, Contra Costa Co., Cal. E 14th St., 175 S Macdonald Ave.
One-story hollow tile and brick exchange bldg., 42x89 (designed for additional stories).
Owner—Builders Exchange of Contra Costa County.
Architect—Jas. T. Narbett, 910 Macdonald Ave., Richmond.
The low bidders were as follows:
P. M. Sanford, carpenter and general contract work; Frank Ausez, concrete and cement work; J. I. Collin plumbing; Spiersch Brothers, sheet metal work, R. D. Nobbie, electrical work; Richmond Roofing Company roofing, Charles H. Brown, plastering E. A. Marshall & Son, painting.
Bids were taken under advisement

Contracts Awarded.
LODGE BLDG. Cost, $250,000
BAKERSFIELD, Kern Co., Cal., W 18th St. bet "F" and "D"
Four-story and basement reinforced concrete and hollow tile lodge bldg.
Owner—Masonic Temple Assn (A. S. Crites, secretary).
Architect—Carl Werner Santa Fe Bldg San Francisco.
General Contract to Eeck & Kohn 180 Jessie St., approx. $116,000
Painting to Daniel Morans, Bakersfield approx. $6000
Plastering to MacGruer & Simpson, 266 Tehama St., S. F. Approx. $35,500.
Electrical Work to Star Elec. Co., 1615 19th St., Bakersfield, approx. $8,239
Painting and Heating to Burnham Plumbing Co., 1220 Webster St., S. F., approx $31,500.

Plans Being Prepared
TEMPLE BLDG Cost, $250,000
SANTA BARBARA, Santa Barbara Co., Cal.
Three-story reinf. concrete temple bldg
Owner — Masonic Temple Association of Santa Barbara.
Architect—Carl Werner, Santa Fe Bldg, San Francisco.

SAN JOSE, Santa Clara Co., Cal.—Slavonian population, assisted by three Slavonian societies, has organized the Slavonian Hall Association with J. A. Chargin, president. San Jose and plans the erection of a $100,000 community center and club house on a site yet to be selected. A portion of the funds to finance construction have already been subscribed.

RED BLUFF, Tehama Co., Cal.—Red Bluff Women's Club plans erection of club house in Rio St., bet. Hickory and Union Sts., estimated cost $10,000. Mrs. J. T. Matlock is chairman of the building committee.

HOLLYWOOD, L. A. Co., Cal.—Milwaukee Bldg. Co., 315 Wright & Callender Bldg., L. A., is completing plans for the class A athletic club bldg. to be erected at Hudson St. and Sunset Blvd. for Hollywood Athletic Club. It will be 2-story 150x200 ft. with a 9-story dormitory section 50x50 ft.; reinf. conc. frame, hollow tile filler walls, stucco exter., cast stone trim, tile and comp. roofing, plunge, marble and tile work, etc. Est. cost, $300,000.

HOSPITALS

Bids Rejected—Plans to be Revised.
HEALTH CENTER BLDG Cost, $30,000
ALAMEDA, Alameda Co., Cal. S Santa Clara St. Bet. Oak and Walnut Sts.
One-story reinforced concrete Health Center Building.
Owner—City of Alameda.
Architect—Carl Werner, Santa Fe Bldg San Francisco.
Plans will be ready for new blds in about a month.

Plans Being Prepared.
BUILDING Cost, $18,000
SEBASTOPOL, Sonoma Co., Cal.
One-story frame and stucco C. of C. building.
Owner—Chamber of Commerce of Sebastopol.
Architect—Brainerd Jones, Petaluma.

Contract Awarded.
HOSPITAL Cost, $25,602
SACRAMENTO, Scto. Co., Cal., 1403 4th Street.
Two-story hospital
Owner—Ideal Brothers Hospital (Japanese Institution)
Architect—Jens Peterson, Peoples Svgs. Bank Bldg. Sacramento.
Contractor—Barton & Kopp, 1514 15th St., Sacramento.
Other bidders were:

A. W. Norris	$30,634
Siller Bros.	$28,430
Ira Boss	29,855
E. D. Brier	25,980
J. W. Lattin	28,456

REDWOOD CITY, San Mateo Co., Cal.—Until Feb. 13, 10 a. m., bids will be received by Eliz. M. Nash, county clerk, for fur. and install. lighting fixtures in new county hospital. Will H. Toepke, architect, New Call Bldg., San Francisco. Cert. check 10% payable to county treasury required with each bid. Plans obtainable from architect and on file with county clerk.

REDWOOD CITY, San Mateo Co., Cal.—Montague Range and Furnace Co. 826 Mission St., San Francisco, at $5581.50 awarded contract by supervisors to fur. and install kitchen equipment in county hospital, bid being for Peninsula Burner and Oil Co's. burners for range. Bids received follow: (a) ranges with gas burners; (b) crude oil burners; (c) BPen. Bur. & Oil Co's. burners.
Nathan Dohrman Co., (a) $5120; (b) $5764; (c) $6002.
Montague Range and Furnace Co., (a) $5041; (b) $5346; (c) $5581.50.
Mangrum and Otter, (a) $5034; (b) $5706, (c) $5840.

EVERETT, Wash.—John Arrington, 2451 Federal Ave., Seattle, at $215,297 low bidder to erect 3-story and base., brick and stone, 42 by 208, hospital in Colby Ave., Everett, for the Everett General Hospital. Will have capacity of 72 beds. Webb and Gould, architects, Hoge Building, Seattle. t

HOLLYWOOD, San Diego, Cal.—John Simpson & Co., 701 Antonio St., L. A., were low bidders at $273,231 on the general contract for erecting a 5-story class A reinf. conc. hospital bldg. on Vermont Ave. near Sunset Blvd. for Hollywood Hospital Assn. Robert H. Orr, 1303 Corporation Bldg., L. A. archt. Lewis L. White, 2218 S Grand Ave., L. A., was low on painting at $9750; Marshall-Lock Co. on plumbing at $34,638; Thos. Haverty Co. on heating at $18,740 and H. H. Walker on wiring at $18,700. Bids taken under advisement. The bids received were: **General contract**—John Simpson & Co., $273,231; Weymouth Crowell Co., $284,860; Winter Construction Co. $285,285; Mebius-Jones Co., $289,100; Lange & Bergstrom, $290,300; Bavin & Burch Co., $294,921; Wm. Simpson Constr. Co., $295,000; Walter Slater Co. $295,000; Pacific States Construction Co., $305,000, Lynch-Cannon Constr. Co., $324,000. **Painting**—Lewis L. White, $9750 with no exterior painting, $10,290, with 1 coat Bay State exterior painting, $11,090, with 2 coats exterior painting; J. A. Mohr & Sons, $9863, $10,843, and $11,623; Hornsbergen Decorating Co. $11,451.82, $12,127.32 and $13,183; G. C. Hewitt, $11,965 and $13,640 for 2 coats; D. Zelinsky & Sons, $10,900, $12,785 and $13,685; Arenz-Warren Co., $13,173, $13,559 and $13,945; Alhambra Wall Paper & Paint Co., $13,842, $14,600 and $15,300; S. Aberbuch, $17,500 with 1 coat exter. painting, $19,000 with 2 coats exter. painting; H. H. Mann, $20,074, $20,614 and $21,224; A. S. Grant, $19,196, $20,866 and $22,294; A Quandt & Son, $15,583 with 1 coat exter painting. **Plumbing**—Marshall-Lock Co., $34,638; Lohman Bros., $35,963; Thos. Haverty Co., $37,149; J. Hokom, $39,640; Arthur Hess, $39,850; F. J. Donnelly, $41,500. **Heating**—Thos. Haverty Co., $16,740; F. J. Donnelly, $17,709; Lohman Bros., $18,597; J. Hokom, $18,780; Marshall-Lock Co., $19,125; Arthur Hess, $22,931. **Electrical work**—H. H. Walker, $18,700. Newbery Elec. Corp., $19,576; Renard-Stary Elec. Co., $20,492; Master Elec. Co., $20,790; Golden State Elec. Co., $21,342.

HOTELS

Contract Awarded.
HOTEL Cost, $66,413
FRESNO, Fresno Co., Cal. West side J Street, bet. Kern and Inyo Sts.
Two-story and basement Class C store and hotel building, 67x150 (3 stores 30 rooms).
Owner—Darbinian Bros. & Damir Bros., 1137 J St. Fresno.
Architect — Coates & Traver, Rowell Bldg., Fresno.
Contractor — Fredrickson & Shannon, Cory Bldg., Fresno.

Contract Awarded.
HOTEL Cost, $500,000
SANTA ROSA, Sonoma Co., Cal.
Six-story concrete hotel and apartment building.
Owner—Santa Rosa Hotel Cptn. Represented by Dunn-Hurst & Martin, Insurance Exchange Bldg., San Francisco.
Architect—Walter O. Lewis, 1207 High St., Alameda, and Merchants Natl. Bank Bldg., S. F.
Engineers & Contractors—Ellery-Frost & Patton, Merchants Natl. Bank Bldg., San Francisco.

Contract Awarded.
HOTEL, ETC. Cost, $20,000
SAN JOSE, Santa Clara Co., Cal. West Santa Clara St. near Pleasant.
Two-story brick store and hotel building (heating system not included)
Owner—Mrs. Mary Widney Haywards, 299 S-16th St., San Jose.
Architect—Wolfe & Higgins, Auzerais Bldg., San Jose.
Contractor—H. R. Sherman, 528 Chapman St., San Jose.

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Roof Paints—Roofing Repairs
Shingle Metal Gravel

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Ready For Figures.
HOTEL Cost, $750,000
LOS ANGELES, L. A. Co., Cal. SW 5th and Main Streets.
Thirteen-story and basement class A store and hotel bldg. 60x159 (275 rooms).
Owner—Rosslyn Fireproof Bldg. Co.
Architect—John and Donald B. Parkinson, Title Ins. Bldg., L. A.

Plans Being Figured.
HOTEL Cost—
LOS ANGELES L. A. Co., Cal. 6th St., between Vermont & Kansas Aves.
Four-story and basement brick class C hotel 88x143 (100 rooms & 2 stores)
Owner—Withheld.
Architect—H. W. Charlton, 332 San Fernando Bldg., L. A.

Contract Awarded.
STORE, OFFICE, HOTEL Cost—
LOS ANGELES, NE 7th & Central Ave.
Three-story class C store, office and hotel bldg. 220x250 (21 stores, 78 offices, 94 rooms, 20 baths).
Owner—Cohn-Goldwater Co.
Architect—R. R. Rittenhouse, Wilcox Bldg., Los Angeles.
Contractor—J. A. Kemp, 803 E 28th St., Los Angeles.

LOS ANGELES, Cal.—H. A. Heitman Construction Co., 900 Merritt Bldg., has the contract to erect a 7-story class A apt. hotel on Hollywood Blvd., betw. Gower and Carlos Sts., for the Davenport Corp. H. H. Whiteley, 520 S. Western Ave., archt. Cost, $2,000,000. The bldg. will contain 717 rooms, divided into 279 apts, and 16 2-story studios, basement and sub-basement containing elec. htg. system, ice plant, 250-car garage, commissary grocery, barber shop, beauty parlors, tea rooms, laundry. Four wings each, 150x75 ft., lobby 50 ft. in dia., 20 street shops, bank, palm room, club rooms, dining room, and an auditorium, 64x88 ft. Cross-shaped, 350x250 ft., steel frame, brick filler walls, stucco exter, tile rfg., hard wood and pine finish, marble and tile work, 4 elevators, disappearing and davenport beds.

POWER PLANTS

FRESNO, Fresno Co., Cal.—Authorization to expend $350,000 in improving the Fresno City Water Company system, was given by the Board of Directors of the San Joaquin Light and Power Co., of Fresno, at the regular annual meeting held in Los Angeles, according to General Manager A. G. Wishon. Improvements will include new mains 6-in. in dia. Five or six new pumping plants will be installed. The battery of 12 wells at Fresno and O Sts. will be replaced with a new vertical pump system. Similar improvements will be made at station No. 3 in Ventura Ave., bet. Broadway and H Sts. A portion of the fund will also be used in the reconstruction of plant buildings at Fresno.

CALIFORNIA — Southern California Edison Co. authorized by State Railroad Commission to use $1,126,914 of the proceeds of a bond sale authorized in October, to finance construction and extensions. The commission specifies, however, that no portion of the funds be used on the Big Creek hydro-electric power project.

PUBLIC BUILDINGS

Plans Being Figured—Bids Close February 20, 1923, 12 noon.
SCHOOL BLDG. Cost, $190,000
SAN JOSE, Santa Clara Co., Cal.
Two-story reinforced concrete home Economics Bldg. 296x105 and a 1-story reinforced concrete manual arts bldg 160x105 with open court.
Owner—State of California.
Architect — Division of Architecture, Forum Bldg., Sacramento.
Bids are being taken for a general contract except the mechanical equipment for which separate bids are being taken to be opened also on February 20, 1923 at 12 noon.
The home economics bldg. will contain 22 rooms, lavatories, etc., rein conc exterior walls, halls and corridors, wood floors, terra cotta and comp. roof, plaster exterior over conc., metal lath,

maple floors, comp. blackboards and painted ceilings, etc.

The manual arts will have reinf. conc. walls, wood roof, comp. roofing, metal skylights, steel sash, cement floors, T & G partitions, plastered exterior over concrete.

See call for bids under official proposals.

RICHMOND, Contra Costa Co., Cal.—City Council, A. F. Faris, clerk, will appropriate $6000 to finance construction of addition to present public library.

BAKERSFIELD, Kern Co., Cal.—Harry L. Claflin, Bakersfield, backs movement to finance construction of a baseball and amusement park in the vicinity of 19th and Union Avenue, on a 6-acre site. Tentative plans provide for a grandstand seating approx. 5000 persons.

AUBURN, Placer Co., Cal.—Supervisors have appointed a committee to select an architect and secure estimates of costs for a jail, hospital and hall of records buildings. This action was taken following the report of the County Grand Jury condemning the structures named. It is expected that estimates will be submitted within three weeks.

PETALUMA, Sonoma Co., Cal.—Dr. S. Z. Peoples heads committee backing movement for community swimming tank. Others interested are: W. B. Hopkins, Mrs. G. R. Hubbell, Mrs. J. J. Barry and Hiram Hopkins.

LOS ANGELES, L. A. Co., Cal.—Willis B. Kyle, San Francisco and 1116 Washington Bldg., Los Angeles, submitted low bid to the Los Angeles City public service commission, Jan. 23, at $44,300 for structural steel and cast iron baseplates, f. o. b. cars Los Angeles. Baker Iron Works bid $53,888. Bids were referred to the supply committee.

RESIDENCES

Contract Awarded.
DWELLINGS Cost $8000 ea
SAN FRANCISCO, E Junipero Serra Blvd, 66-3 S Moncada Way, etc.
Four 1-story & basement frame dwlgs.
Owner—Urban Realty Imp. Co.
Architect—S. Heiman, 57 Post St., S. F.
Contractor—Leonard & Holt, 35 Montgomery St., S. F.

Contract Awarded.
RESIDENCE Cost, $12,680
SAN FRANCISCO, Lot 17 Blk 6 St Francis Wood.
Residence and garage (except sheet metal flues and heating work)
Owner—Fred H. Green, 671 Ulloa, S. F.
Architect—Earle B. Bertz, 168 Sutter St., San Francisco.
Contractor—Mangels Bros., 4792 Mission St., S. F.

Contract Awarded.
RESIDENCE Cost, $10,365
PALO ALTO, Santa Clara Co., Cal., Lot 16 Blk 10 South Palo Alto.
Two-story frame residence and garage (except heating and painting).
Owner—Mabelle O. Johnson.
Architect—John K. Branner, 251 Kearny St., San Francisco.
Contractor — Phillip Darr, Mayfield, California.

Plans Being Prepared.
RESIDENCE Cost, $27,000
ATHERTON, San Mateo Co., Cal.
Two-story frame residence.
Owner—Clifton Le Montaigne.
Architect — Jos. L. Stewart, Claus Spreckels Bldg., S. F.

Plans Being Prepared.
RESIDENCE Cost, $6,000
SACRAMENTO, Sacramento Co., Cal. Thirty-third and I Sts.
One-story frame and brick veneer residence (6 rooms).
Owner—Walter O. Files, 411 J St., Sacramento.
Architect—Fredk. S. Harrison, 200 Peoples Bank Bldg., Sacramento.

Segregated Bids Wanted.
RESIDENCE Cost, $15,000
SACRAMENTO, Cal. Forty-fifth and J Streets.
Two-story and basement frame (brick and stucco exterior) residence, 8 rooms and 2 baths.
Owner—Mr. and Mrs. Emil Hornstein.
Architect — Frederick S. Harrison, Peoples Bank Bldg., Sacramento.

FRESNO, Fresno Co., Cal.—Following bids taken under advisement by City Commissioners for garbage disposal:

Liberty Scavenger Co., paying city $1 per ton; to charge $.50 a month for removal of 30 gals. garbage a week and $.03 for every 10 gals. excess.

R. A. Henley, pay city $.25 per ton; charge $.70 for each 30 gals. a week and $.03 for each 10 gals. in excess.

Seth Hargrave, pay city $.66 per ton; $.49 for each 30 gals. a week removed and $.03 for each 10 gals. in excess.

All bids cover a period of 10 years.

SCHOOLS

Plans Being Figured—Bids Close Feb. 13, 1923 7 p. m.
SCHOOL Cost, $350,000
TAFT, Tulare Co., Cal.
Group of reinforced concrete school buildings (1) auditorium, (2) gymnasium, (3) science bldg., (4) domestic science bldg., (5) shop bldg., (6) addition to present bldgs.
Owner—Taft Union High School Dist.
Architect—W. H. Weeks, 369 Pine St., San Francisco.

Bids will be received on various segregations, including excav. and concr. work; structural steel and iron work, carpentry work, lathing and plastering, electric wiring, sheet metal work, kitchen equipment, furniture, marble work masonry work, plumbing, heating and ventilating, lighting fixtures, etc.

Plans may be obtained from the architect on a deposit of $20.

See call for bids under Official Proposals.

Bids To Be Called For In a Few Days.
SCHOOL Cost, $95,000
ESPARTO, Yolo Co., Cal.
One and 2-story brick school.
Owner — Esparto Union High School District.
Architect—W. H. Weeks, 369 Pine St., San Francisco.

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PLASTIC WATERPROOF
PORTLAND CEMENT
A Standard Portland Cement
Plus
Plasticity and Waterproofness
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BUILDING MATERIAL DEALERS
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Contract Awarded.
SCHOOL Cost, $84,000
CLARKSBURG, Yolo Co., Cal.
One-story 8-room and auditorium reinforced concrete school.
Owner—Clarksburg Union Grammar School District.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
Contractor—Herndon & Finnigan, 1814 17th St., Sacramento.

The heating bids were rejected. The lowest was submitted by Hateley & Hateley, Mitau Bldg., Sacramento, at $6438.

Plans Being Figured—Bids Close Feb. 2, 1923.
GYMNASIUM Cost, $25,000
CHICO, Butte Co., Cal.
One-story reinforced concrete gymnasium, 145x45.
Owner—Chico High School District.
Plans by Supt. of Construction.

Plans Being Prepared.
SCHOOL Cost, $200,000
HOLLISTER, San Benito Co., Cal.
One-story and basement 6-room reinforced concrete school (1-story unit of a group of buildings).
Owner—San Benito County High School District.
Architect—W. H. Weeks, 369 Pine St., San Francisco.

Plans Being Figured—Bids Close February 13, 1923, 4:30 p. m.
SCHOOL BLDG. Cost, $100,000
Complete building to cost $1,000,000
OAKLAND, Alameda Co. Cal. Park Blvd and Hopkins.
Two-story reinforced concrete and hollow tile school building (1st unit of Susan B. Anthony Junior High School.
Owner—Oakland Board of Education.
Architect—C. W. Dickey, 2149 Broadway, Oakland.

Bids are being taken on the following segregations:

(1) General work; including excavation, grading, concrete, structural tile work, carpentry, misc. ornamental and structural iron, finish hardware, sheet metal work, built-up roofing, tile roofing and painting.
(2) Lathing and plastering.
(3) Plumbing.
(4) Heating and ventilating.
(5) Electrical work.

Plans Being Figured—Bid Close Feb. 19, 1923, 7:30 P. M.
STAIRWAYS Cost, $——
SACRAMENTO, Cal. Lincoln School.
New system of stairways in Lincoln School.
Owner—City of Sacramento.
Architect—Dean & Dean, City Library Bldg., Sacramento.

NOTE:—**See call for bids under official proposals.**

Plans Being Prepared.
SCHOOL Cost, $84,000
LOS ANGELES, Cal. Cienega School Site.
Two-story brick school 12 classrooms.
Owner—City of Los Angeles.
Architect—Ross Montgomery, Story Bldg., Los Angeles.

LOS ANGELES, Cal.—Until 9 a. m., Feb. 7, bids will be received by the L. A. Board of Education for erecting a new school bldg. at 51st St. school site, on 51st St. near Holmes Ave. Albert C. Martin, archt. Plans and spec may be obtained at secretary's office, 730 Security Bldg., L. A. Bids will be taken separately on the general contract, plumbing, wiring, painting and heating. The bldg. will contain 14 units brick constr., 2-story, 102x162 ft., tile and comp. roofing; est. cost $80,000.

MADERA, Madera Co., Cal.—Until Feb. 12, 7:30 p. m., bids will be received by G. M. Shedd, secy. Madera Union High School District, for fur. and del. steel lockers and chairs, as specified in call for bids under **official proposal section in this issue.**

SANTA CLARA, Santa Clara Co., Cal.—Following bids received and taken under advisement by Board of Education for fur. 400 small and 36 large lockers in high school: Medart Company, 12x12x12 inches, $2.67 each; 12x12x36 in. $5.25 each. Weber & Co., 12x12x12, $2.75 each; 12x12x36, $6.00 each. Durand-Locker Co., 12x12, $2.75 each; 12x12x36, $6.05 each.

TENINO, Wash.—Site was selected at recent election for proposed one-story and basement school to contain domestic science and manual training depts. First floor will contain 6 or 7 classrooms, accommodating 250 pupils. Construction will be of brick, stone or wood.

SACRAMENTO, Cal.—The Board of Education of the City of Sacramento opened bids on January 22 for the construction of a four-room brick and concrete addition to the "Sierra School," located on 24th, 25th, Castro Way and Fourth Ave. Plans were prepared by Architects Dean and Dean, City Library Building, Sacramento. The general contract was awarded to H. W. Robinson, 1209 20th Street, Sacramento, and the plumbing to Luppen, Hawley and Thing 906 7th Street, Sacramento.

General Contract

H. W. Robinson, Sacramento	$26,300
W. B. Whitsel	26,883
Beck & Kuhn, S. F.	27,480
Wm. Murcell, Sacramento	27,614
Geo. D. Hudnutt, Sacramento	27,700
W. C. Keating, Sacramento	27,950
Fred Betz, Sacramento	28,255
Cochrane, Grant & Boehm, S. F.	28,713
Holdener Constr. Co., Sacto.	28,869
Chas. S. Mabrey Co., Sacramento	29,966
Herndon and Finnigan, Sacto.	30,869

Plumbing

Luppen, Hawley & Thing, Sacto.	$720
Latourette-Fical Co., Sacramento	828
Scott, Lyman & Stack, Sacto.	895

WHITTIER, I. A. Co., Cal.—Davies Constr. Co., I. W. Hellman Bldg., L. A. was awarded the general contract at $107,000 for erecting a new brick and stucco classroom bldg. at Whittier high school; Myron Hunt, 1107 Hibernian Bldg., L. A., archt. Other contracts were awarded as follows: Electric wiring to J. G. Robertson Elec. Co., Santa Ana, at $2975; plumbing to S. Hill & Son, Santa Ana, at $5887; painting to E. Drawbaugh, Pasadena, at $5035; and heating to Thos. Haverty Co., at $8983. The bldg. will be 2-story, L-shaped, 152x154 ft., and will contain administrative offices, 24 classrooms, and domestic science dept.

WHITTIER, L. A. Co., Cal.—Davies Constr. Co., I. W. Hellman Bldg., L. A., was awarded the general contract at $120,076 for erecting new auditorium bldg. at Whittier High School, Myron Hunt, 1107 Hibernian Bldg., L. A. archt. Other contracts were awarded as follows: Painting to E. A. Lindgreen, at $3664, wiring to J. G. Robertson Elec. Co. at $834; plumbing to S. Hill & Son at $3135, and heating to Thos. Haverty Co. at $21,646. The bldg. will contain a large auditorium, which with the recital hall will seat 2250. It will be brick, tile and reinf. conc. construction, wood trusses, 2 large steel trusses stucco exter., cast stone work.

CARSON CITY, Nevada—Walter E. Clark, president of the University of Nevada, in his annual report to the Governor, reporting an increasing enrolment recommends an appropriation of $500,000 for buildings among which are noted a science hall to house chemistry, physics and mathematics departments; a library, social science and language building; a student commons and an annex to the women's dormitory.

RENO, Nevada.—Until Feb. 14, 5 p. m., bids will be received by Theo. W. Clark, clerk, Reno School Dist. No. 10, Washoe County, Room 19, Washoe Co. Bank Bldg., Reno, to erect a 2-story brick junior high school and gymnasium, est. cost $150,000. One bid to include both high school and gymnasium and another for school only.

Copies of plans are desired for plumbing and heating. Plans obtainable from Geo. A. Ferris & Son, architects, 150 North Virginia St., Reno. See call for bids under official proposal section in this issue.

HANFORD, Kings Co., Cal.—Until Feb. 16 bids will be received by county supervisors for purchase of $8000 bond issue of Lemoore Elementary School District, proceeds of sale to finance school improvements.

ARCADE, Sacramento Co., Cal.—Election will be held Feb. 17 in Arcade School District to vote bonds of $29,000 to finance construction of school building.

HUNTINGTON BEACH, Orange Co., Cal.—Archt. J. C. Smith, 325 H. W. Hellman Bldg., L. A., has been retained by the school trustees of Huntington Beach to advise them regarding plans for a proposed new grade school with various departments and he will be the archt. in event bonds are voted. An issue of about $250,000 is to be submitted at an election Feb. 3. Of this amount about $150,000 will be for the building and the remainder for site and equipment. The new building will be located adjacent to the grade school erected several years ago, for which Mr. Smith was the architect.

BAKERSFIELD, Kern Co., Cal.—Until Feb. 5, 8 p. m., bids will be received by Boyce R. Fitzgerald, clerk, Kern County Union High School District for fur. and del. movable furniture for Science Hall of Kern County Union High School group, Chas. H. Biggar, architect, Bank of Italy Bldg., Bakersfield. Cert. check 10% payable to clerk required with each bid. See call for bids under official proposal section in this issue.

OAKLAND, Cal.—Until Feb. 5 bids will be received by Alameda County supervisors for the purchase of the $240,000 bond issue of the Piedmont High School District; proceeds of the sale in each instance to finance school improvements. W. H. Weeks, 369 Pine St., S. F. is the architect.

LOS ANGELES, Los Angeles Co., Cal.—The Los Angeles Board of Education has appointed architects to design new school buildings as follows: John R. Kibbey, 8-unit building at Glen Alta site, $64,000; Homer W. Glidden, 11-unit building, including auditorium at Sherman school site, $90,000; and Otto H. Neher, 12-unit building at Country Club Drive site; $84,000.

TUCSON, Ariz.—Bids for the construction of the $750,000 high school building will be advertised this week, and contractors will have 35 days in which to figure the job. Plans and specifications have been prepared by Architects Lyman & Place, 79 N. Stone Ave., Tucson. It is reported that contractors of New York, Boston, Denver, Salt Lake, El Paso and Los Angeles, have written to John White, chairman of school board, for information, with a view to submitting bids. The building will have a seating capacity of 1500, and will be 226x195 ft., 3 stories with basement to be used for manual training, military drill, printing plant, and mechanical depts. There will be an auditorium and laboratory rooms in the main portion with gymnasium, storage space, domestic science and cafeteria provided on the third floor, which will be lighted by skylights. Building will have concr. foundation, brick and terra cotta exter., tile and comp. roof, birch inter. trim, linoleum floors, mantels, furnace, hot air heating, water heater, fireproof doors and windows, metal skylights, struc. steel, reinf. steel, metal lath, refrigerators, marble work, oil burners, fireproof vaults, elevators, plate glass, ornamental iron, staff work, motors.

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SAN FRANCISCO, CALIF.

STORES AND OFFICES

Plans Completed.
OFFICE BLDG. Cost, $70,000
SAN RAFAEL, Marin Co., Cal. Fourth St. east of Masonic Hall.
Two-story reinforced concrete and terra cotta office building with tile roof.
Owner—Marin Municipal Water Dist.
Architect—J. W. Dolliver, Monadnock Bldg., San Francisco.

Plans to be Prepared.
FIREPROOF BLDG. Cost, $——
SAN FRANCISCO. NE Sutter and Powell Streets.
Fireproof building (type and height not decided).
Owner—Chambe r & Proctor, Mills Bldg., San Francisco.
Architect—Not Selected.

Contract Awarded.
POST OFFICE Cost, $26,000 (approx.)
MODESTO, Stanislaus Co., Cal.
One-story hollow tile Post Office.
Owner—Modesto Post Office Improvement Ass'n., Modesto.
Architect—Not Stated.
Contractor — Randolph & Ward, Modesto, Calif.
General contract awarded to Randolph & Ward at $13,824; Plumbing to Huffman & Rhein at $1140; electric work, incl., fixtures, to Nightingale Elec. Co. at $184.30.

Plans Being Prepared
NURSES HOME Cost, $85,000
SANTA BARBARA, Santa Barbara Co., California.
Two-story frame nurses home, (gunite & cast stone exter.).
Owner—Cottage Hospital (Mrs. Geo. O. Knapp, donor).
Architect—Carleton M. Winslow, Van Nuys Bldg., L. A. & Santa Barbara.

Foundation Started.
COLLEGE BLDG. Cost, $1,250,000
MT. VIEW, Santa Clara Co., Cal., bet. Mountain View and Los Gatos.
Four-story reinforced concrete class B college bldg (Senior Wing 1st unit)
Owner—Roman Catholic Archbishop of S. F. (College of St. Joseph)
Architect—Leo J. Devlin, Pacific Bldg., San Francisco.
Contractor — Jas. L. McLaughlin, 251 Kearny St.

Contract Awarded.
STORES AND LOFTS Cost, $30,000
OAKLAND, Alameda Co., Cal. NE 17th and Franklin Sts.
Two-story brick and tile loft and store building.
Owner — Harold C. Holmes, 55 Third St., San Francisco.
Architect—W. W. Dixon, 1844 5th Ave. Oakland.
Contractor—M. P. Brasch, 506 American Bank Bldg., Oakland.

Contract Awarded.
ALTERATIONS Cost, $35,000
MODESTO, Stanislaus Co., Cal. Tenth Street.
Alter and add to store (marble and tile display fixtures).
Owner—Sylvain Latz.
Architect—Jas. H. Hooser, Graves Bld., Modesto, and H. P. Vollmer of San Francisco.
Contractor—Frank Kuhn.
Cement work awarded to J. M. Adams.

Contract Awarded.
STORE BLDG. Cost, $23,000
BERKELEY, W San Pablo Ave 75 N Allston Way.
One-story reinf. conc. store bldg. (8 stores).
Owner—Lawrence Borg.
Architect W. E. Schirmer, Thayer Bldg., Oakland.
Contractor—C. Texdahl, 5375 Belgrave Place, Oakland.

Bids Wanted for Plumbing, Heating and Electrical Work.
OFFICE BLDG. Cost—
OAKLAND, Alameda Co., Cal., 13th & Franklin Sts.
Nineteen-story class A office and publishing bldg.
Owner—Tribune Publishing Co.
Architect — Edw. T. Foulkes, Crocker bldg., San Francisco

Contracts Awarded.
OFFICE BLDG. Cost, $800,000
FRESNO, Fresno Co., Cal., NW "J" and Tuolumne Streets.
Ten-story class A office bldg. 150x75.
Owner—San Joaquin Light & Power Co.
Architect—R. L. Felchlin, Bank of Italy Bldg., Fresno.
General Contractor—R. L. Felchlin Co.
Reinforcing Steel awarded to Kyle & Co., 333 "G" St., Fresno.
Structural Steel to Pacific Rolling Mills 17th and Mississippi Sts., S. F.
Glass and Glazing to Tyre Bros., 1311 Broadway, Fresno.
Mill Work to Fresno Planing Mill, "H" and Montgomery Sts., Fresno.
Plaster to MacGruer and Simpson, 266 Tehama St., San Francisco.
Plumbing to Luppen, Hawley & Thing, Sacramento.
Marble to Hilgarten Marble Co., Los Angeles.
Tile Work to Fresno Marble & Tile Co., 1357 "H" St., Fresno.
Sheet Metal Work to Standard Metal Works, 704 "R" St., Fresno.
Composition Roofing to Valley Lumber Co., "H" and Mono Sts., Fresno.
Tile Roofing to C. E. McMullin, 818 Clinton, Fresno.
Painting to Joseph Streeter, 1705 Broadway, Fresno.
Sprinkler System to Pacific Fire Extinguisher Co., 440 Howard St., S. F.
Cement to Riverside Portland Cement Co., Riverside.
Metal Windows to U. S. Metal Products Co., 330 10th St., San Francisco.

Plans Being Prepared.
STORE BLDG. Cost, $20,000
SAN FRANCISCO, Howard near New Montgomery.
One-story and basement reinf. concrete store building.
Owner—Withheld.
Architect—A. H. Knoll, Hearst Bldg., San Francisco.

Contract Awarded.
STORE BLDG. Cost, $10,000
SAN LUIS OBISPO, San Luis Obispo Co., Cal. Higuera and Morro Sts.
One-story reinforced concrete store building.
Owner—Luigi Marre Land & Cattle Co.
Architect—None.
Contractor — W. H. Porter, San Luis Obispo.

Plans Complete.
ALTERATIONS Cost, $18,000
SAN FRANCISCO, NE Jones & O'Farrell
Extensive alterations to (6) stores.
Owner — Sheridan Proctor Co., Mills Bldg., S. F.
Constr. Mgr.—Fred'k Whitton, 369 Pine St., San Francisco.

Contract Awarded.
BUILDING Cost, $13,000
SACRAMENTO, Sacramento Co., Cal. No. 1220 R Street.
One-story brick and concrete building.
Owner—Mrs. B. E. Keating, 1731 11th St., Sacramento.
Architect—None.
Contractor — W. E. Keating, Capitol National Bank Bldg., Sacramento.

Sub-Figures Being Taken On All Parts of the Work.
STORE & OFFICE BLDGS $165,000 ea.
SAN FRANCISCO, S Market bet. 7th & 8th Streets.
Two 3-story steel frame and reinforced concrete store and office bldgs.
Owner—Marion Realty Co., 110 Sutter St., San Francisco.
Architect—D. C. Coleman, 110 Sutter St., San Francisco.

Contractors Taking Sub-Figures.
ADMINISTRATION BLDG. $75,000
SAN FRANCISCO, Bay St. near Powell.
Two-story frame and stucco administration building.
Owner—Simmons Co., premises.
Architect—Edw. T. Foulkes, Crocker Bldg., S. F.
Contractor—Garrett & Hilp, 918 Harrison St., S. F.

LONG BEACH, L. A. Co., Cal. F. H. Ballard, vice pres. So. Cal. Edison Co., 11th floor Edison Bldg., 3rd St. and Broadway, L. A., is reported announcing the erection of a 7 or 8-story bldg. on half of a 100x160 ft. site recently acquired by the company at nw cor. 5th St. and American Ave., Long Beach.

LODI, San Joaquin Co., Cal. — Alex Salomon, Lodi, has purchased property on School and Oak streets and will erect a $175,000 business block. Structures now on the site have been sold and will be moved to other locations.

LOS ANGELES, Los Angeles Co., Cal. —Llewelyn Iron Works has been awarded the contract for furnishing and erecting structural steel work for the 13-story Class A store and office building to be erected at the NE Cor. 8th and Spring Sts., Los Angeles, for Central Finance Co. Lange & Bergstrom, Washington Bldg., Los Angeles, general contractors. Walker & Eisen, 325 Pacific Finance Bldg., Los Angeles, architects.

SAN PEDRO, L. A. Co., Cal.—Ross & Ritchey, Long Beach, submitted only bid to Los Angeles public service commission, Jan. 23, at $141,428 for erecting complete a 3-story and basement class A office and loft bldg. on 7th St., near Palos Verdes St., San Pedro. Edwin Bergstrom, 1128 Cit. Nat. Bank Bldg., L. A., archt. Specified deductions were as follows: (2)—: (3) $756; (4) $3100; (5) $6470; (6) $460. The bid was taken under advisement. The first floor and basement will be occupied by municipal water and electric offices and garage; the upper floors will be leased. The bldg. will be 80x115 ft., reinf. conc. frame, floors and roof slab, brick filler walls, brick facing, plate glass, steel sash, metal skylights, elevator, plumbing, wiring, heating. The bldg. is designed to carry two additional stories.

THEATRES

SANTA BARBARA, Santa Barbara Co. Cal.—Archt. A. B. Rosenthal, 709 Junior Orpheum Bldg., is preparing plans for an 8-story class A theatre and office bldg. in Santa Barbara, for Edward A. Johnson; the theatre will seat 2000 people, with mezzanine floor, 6 stores and theatre lobby on first floor, with offices for doctors and dentists on 6 upper stories. Reinf. conc. and steel frame constr., press. brick front, terra cotta trim, 80x125 ft., comp. roofing, steam heat, tile, marble and hardwood floors, 2 elec. passenger elevators, ornamental iron and bronze work, ventilating system, staff work, pipe organ. Excavating contract let to Chas. Urton, Santa Barbara; other bids will be taken in 3 weeks; $500,000.

SAN FRANCISCO—Sol Lesser, Gore Brothers and Adolph Ramisch have purchased the T & D Circuits and plan to improve all the theatres. The Tivoli will be one of the first to be improved at a cost of $250,000.

Official Membership Directory

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110 North Hunter Street, Stockton. **Phone Stockton 847**

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Gibson, W. T.
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Pahl, Harry
Ray, Arthur D.
Sexton, F. P.
Stockton Plumbing Co.
Tachierschky, F. H.
Valley Sheet Metal Wks.
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San Joaquin Lumber Co.
Simpson Gray Lmbr. Co.
Sexton, F. P.

TILE & MARBLE
Fischer Tile & Mbl. Co.
Stockton H. & Mosaic Co.
Stockton Tile Co.

Official Proposals

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

NOTICE TO CONTRACTORS

(Plumbing & Heating Reno High School and Gymnasium)

The Board of Trustees of Reno High School District No. 10, Washoe county, Nevada, will receive sealed bids until 5 p. m., **February 14, 1923,** at the office of R. M. Price, room 19, Washoe County Bank Building, Reno, Nev., for the heating and plumbing of the Junior High School building and gymnasium on the site located west of Lake street, south of Fourth street and east of Center street, in the city of Reno, Nev. Two bids for this work must be submitted, as follows: (1) A bid for the heating and plumbing of both the junior high school building and gymnasium, and (2) a bid for the heating and plumbing of the junior high school only. All bidders are referred to George A. Ferris & Son, architects, room 18, Heidtman Building, 150 North Virginia street, Reno, Nev., for plans, specifications and instructions. Certified checks to the amount of 5 per cent of the aggregate bids of both buildings must accompany bids. Said board of trustees reserves the right to accept or reject any or all bids.

Dated at Reno, Nev., January 18, 1923.
BOARD OF TRUSTEES,
Reno School District No. 10.
By R. M. Price, President.
Theo. W. Clark, Clerk.

NOTICE TO CONTRACTORS

(Reno High School & Gymnasium—Two-Story Brick Structure. Estimated Cost $150,000)

The Board of Trustees of Reno School District No. Ten, Washoe County, Nevada, will receive sealed bids until 5.00 p. m., **February 14, 1923,** at the office of R. M. Price, Room 19, Washoe County Bank Building, Reno, Nevada, for the erection and construction of a High School Building and Gymnasium on the site located west of Lake street, south of Fourth Street and east of Center Street in the City of Reno. Two bids for this work must be made as follows: (1) a bid to include the Junior High School building and the Gymnasium; and (2) a bid for the Junior High School Building only. All bidders are referred to George A. Ferris and son, Architects, Heidtman Building, 150 North Virginia street, Reno, Nevada, for plans and specifications and instructions. Checks to the amount of three per cent of the aggregate bid for both buildings must accompany same. Said Board of Trustees reserves the right to accept or reject any or all bids. Dated at Reno, Nevada January 17, 1923.
BOARD OF TRUSTEES, RENO SCHOOL DISTRICT, NO. TEN.
By R. M. Price, President.
Theo. W. Clark, Clerk.

NOTICE TO BIDDERS

(Cast Iron Pipe and Fittings)

Public notice is hereby given that sealed bids will be received by the Board of Trustees of the Town of Redwood City, California, up to and including **Monday, the 5th Day of February, 1923, at the hour of 7:30 P. M.,** for the following material to be delivered f. o. b. cars, Redwood City, to-wit:

[illegible] feet Four (4) inch cast iron water pipe.

[illegible] feet six (6) inch cast iron water pipe.

Ten (10) 12"x4" Four (4) 6"x6", Nine (9) 6"x4".

Four (4) 4" Cast iron plugs.

Cast iron pipe to be of hub and spigot form in twelve foot lengths Class B Standard weight.

All pipe and specials to be subject to inspection by the Superintendent of water department of the Town of Redwood City, upon delivery and rejected pieces to be stored at his expense and subject to the order of the shipper.

Delivery to be made within 60 days after placing order, contract to be entered into within five days after acceptance of bid.

Bids to be accompanied by certified check in the amount of 10 per cent of bid, payable to the President of the Board of Trustees of the Town of Redwood City, checks of unsuccessful bidders to be returned at once check of successful bidder to be returned upon acceptance of goods ordered.

Each bidder must state in his bid where the pipe and fittings that he is bidding on are manufactured.

The Board of Trustees reserves the right to reject any and all bids.

By order of the Board of Trustees of the Town of Redwood City, California.
Dated: January 2, 1923.
W. A. PRICE,
Clerk of the Town of Redwood City.

NOTICE TO CONTRACTORS

(Taft Union High School District)

Notice is hereby given that sealed bids will be received and opened by the Board of Trustees of the Taft Union High School District, Kern County, State of California, in the present High School building in the City of Taft, at **7:00 p. m., February 13, 1923,** for the erection, construction and equipment of certain additions, and entire new units to the present High School building situated in the City of Taft, Kern County, State of California, in accordance with plans and specifications made for the same by W. H. Weeks, the authorized Architect, employed by the Board.

Segregated bids on the portions of the work will be received as follows:

1. Excavating, grading and concrete work.
2. Iron and steel work.
3. Composition floors.
4. Marble work.
5. Terrazzo work.
6. Tile work.
7. Mason work.
8. Carpenter work.
9. Blackboards.
10. Glass and glazing.
11. Finish hardware.
12. Lathing and plastering.
13. Composition roof.
14. Terra cotta tile roof.
15. Special fixtures and furniture.
16. Cafeteria kitchen equipment.
17. Plumbing work.
18. Sheet metal work.
19. Painting.

Plans and specifications may be seen at the office of the Architect, W. H. Weeks, 369 Pine Street, San Francisco, California, or at the office of the Clerk of the Board at the High School Building in the City of Taft.

All bids should be presented on bid forms furnished by the Architect. Each bid must be accompanied by certified check on some responsible California bank in the sum of not less than Ten per Cent (10%) of the amount bid, made payable to Mr. E. W. Nisbet, Jr., Clerk of the Board of Trustees of the Taft Union High School District, for the purposes stated in the specifications.

Each bid must be enclosed in a sealed envelope, and addressed to Mr. E. W. Nisbet, Jr., Clerk of the Board of Trustees, and endorsed:

"PROPOSAL .....
ON THE TAFT UNION HIGH SCHOOL BUILDING."

The Board reserves the right to reject any and all bids.

Bids must be delivered to the undersigned Clerk of the Board at the High School building in the said City of Taft at the time and place above stated, or any time up to the hour of opening of said bids.

E. W. NISBET, JR.,
Clerk of the Board of Trustees of the Taft Union High School District, Taft, Kern County, California.
(43913) 1st report Oct. 18, 1922; 4th Jan. 15, 1923. RP

QUANTITY SURVEYOR
and Valuation Engineer
Buildings and Engineering Works
ARTHUR PRIDDLE
693 Mission Street, at Third St.
San Francisco, Calif.
Telephone Douglas 8-4-9-3

BIDS WANTED FOR WATER MAINS, ETC.

NOTICE TO CONTRACTORS

Sealed Proposals, indorsed "Proposals for Water Supply system, Tiburon, Calif., Specification No. 4716,) will be received at the Bureau of Yards and Docks, Navy Department, Washington, D. C., until 11 o'clock a. m., February 7, 1923, and then and there publicly opened, for cast and wrought iron water mains together with all fittings, valves, hydrants, and connections to existing pipes, meter, and pump. Drawings and Specification No. 4716 may be obtained on application to the Bureau of to the Commandant, Navy Yard, Mare Island, Calif. Deposit of a check or postal money order for $10, payable to the Chief of the Bureau of Yards and Docks, is required as security for the safe return of the drawings and specification. L. E. Gregory, Chief of Bureau, December 13, 1922.

BIDS WANTED FOR FIRST UNIT OF HIGH SCHOOL

(2-story Reinforced Concrete & Hollow Tile Structure. Est. Cost $100,000)

NOTICE TO CONTRACTORS

Office of the Secretary of the Board of Education of the City of Oakland.

Sealed bids will be received by the Board of Education of the City of Oakland, City Hall, Oakland, California, until the **13th day of February, 1923, at 4:30 o'clock p. m.,** at which time said bids will be opened, for the erection and completion of a new building for the SUSAN B. ANTHONY SCHOOL, of the Oakland School District and the Oakland High School District, located at Hopkins Street and Park Boulevard, Oakland, California.

Separate bids will be received for:

1. GENERAL WORK, including Excavation and Grading, Concrete work, Structural Tile Work, Carpenter work, Miscellaneous, Ornamental and Structural Iron work, Finish Hardware, Sheet Metal work, Built-Up Roofing, Tile Roofing, and Plastering.
2. LATHING and PLASTERING
3. PLUMBING WORK.

4. HEATING and VENTILATING WORK.
5. ELECTRICAL WORK.

Plans and specifications for said work are on file at the office of the Architect for the Board of Education, 2149 Broadway, Oakland, California.

On a deposit of Twenty-five ($25) Dollars, said plans and specifications may be had by any prospective bidder for one of the branches of the work above listed. These plans and specifications may be retained as follows:

1. General work, ten (10) days.
2. Lathing and Plastering, five (5) days.
3. Plumbing, seven (7) days.
4. Heating and Ventilating, seven (7) days.
5. Electric work, seven (7) days.

If the plans and specifications are not returned to the Architect within the time above specified, or are returned in a mutilated or damaged condition, the deposit will be forfeited and will be immediately used for the purchase of a new set of blue prints and specifications.

Bids must be made on proposals obtained at the office of the Architect, and be signed by the bidder, accompanied by a certified check, certified to by some responsible bank or banker, and made payable to J. W. Edgemond, Secretary of the Board of Education, to be retained by said School Districts as agreed and liquidated damages should the party or parties to whom the contract is awarded fail to enter into the contract after the award, or to give bonds required for the faithful performance of the contract, or any bond required by law. The amount of said check shall be for at least ten (10%) per cent of the amount of the bid Each bid shall be accompanied by an affidavit executed on a form that can be obtained from the Architect.

Bids will be opened by the Board of said Districts on the 13th day of February, 1923, at 4:30 o'clock p. m., in the Board Room, 211 Second Floor of said City Hall, in said City of Oakland. The Board reserves the right to reject any and all bids or any or all items of such bids.

J. W. EDGEMOND,
Secretary of the Board of Education of Oakland, California.
(43615) 1st report Sept. 19, 1922; 2nd Nov. 13, 1922. RP

BIDS WANTED FOR POSTOFFICE

NOTICE TO CONTRACTORS

TREASURY DEPARTMENT, Office of the Supervising Architect, Washington, D. C., Jan. 15, 1923.

SEALED PROPOSALS will be opened in this office at 3 p. m., Feb. 19, 1923, for construction of the United States Post Office and Custom House at Nogales, Arizona. Drawings and specifications may be obtained from the custodian of the site at Nogales, Ariz., or at this office in the discretion of the Supervising Architect. Jas. A. Wetmore, Acting Supervising Architect.

BIDS WANTED FOR HOME ECONOMICS BUILDING AND MANUAL ARTS BUILDING

NOTICE TO CONTRACTORS

Sealed bids will be received by Geo. B. McDougall, State Architect, Chief, Division of Architecture, Forum Building, Sacramento, California, **up to and including 12 o'clock noon, Tuesday, February 20th, 1923,** said bids then and there to be publicly opened and read, for furnishing all plant, materials and doing the work required for the erection and completion of Home Economics Building, and Manual Arts Building, San Jose State Teachers College, San Jose, California, in accordance with plans and specifications therefor, copies of which may be obtained on application to the Division of Architecture, State Department of Public Works, Forum Building, Sacramento, California.

Such bids will be received for all work complete and must be submitted on forms prepared and furnished by said Division of Architecture.

Each, a bidder's bond, made payable to the State of California, or a certified check made payable to the "State Engineer, Department of Public Works," in the sum of at leat ten per centum (10%) of the amount of the bid, must be enclosed with each bid.

A deposit of Twenty-five ($25.00) Dollars will be required on plans and specifications, the deposit to be remitted on the return of plans and specifications to the said Division of Architecture, at Sacramento, California, in good condition.

The Division of Architecture, State Department of Public Works reserves the right to reject any or all bids and waive any informality in any bid received.

The construction work of said Buildings has been placed on a days labor basis and on said basis, the work herein referred to, as a sub-division of said construction, is to be let by contract.

All bids must be addressed to Geo. B. McDougall, State Architect, Chief, Division of Architecture, Forum Building, Sacramento, California, and plainly marked on the envelope: "Proposal for HOME ECONOMICS BUILDING AND MANUAL ARTS BUILDING, SAN JOSE STATE TEACHERS COLLEGE, SAN JOSE, California."

STATE DEPARTMENT OF PUBLIC WORKS, DIVISION OF ARCHITECTURE,

GEO. B. McDOUGALL,
State Architect.
R. M. MORTON,
Director of Public Works.

NOTICE TO BIDDERS

(Steel Lockers)

The Board of Trustees of the Madera Union High School will accept bids up to **7:30 p. m., Monday, February 12, 1923** for the following equipment:

No. 1—Steel lockers; 10 12x12x36-in. Berloy Steel lockers, with No. 51 lock, color 1300, single faced and 50 12x12x36 in. Berloy Steel lockers with No. 51 locks, color 1300, double faced.

No. 2—Chairs; 6 dozen Vienna chairs, Weber No. 807 15-in.

Bids for No. 1 and No. 2 must be separate.

GEO. MARCHBANK,
(Signed) President.
G. M. SHEDD,
Secretary.
Board of Trustees of Madera Union High School.

NOTICE TO CONTRACTORS

(Movable Furniture)

Notice is hereby given that sealed bids will be received until 8 **p. m. February 5, 1923,** by the Board of Trustees, Kern County Union High School, Bakersfield, Calif., for furnishing of Movable Furniture for Science Hall, Kern County Union High School, Bakersfield, Calif., in accordance with plans and specifications on file with the Principal of said School. Copies of said plans and specifications may be had from Charles H. Biggar, Architect in charge of the work, 405 Bank of Italy Building, Bakersfield, Calif. All bids must be accompanied by a certified check in the amount of at least ten per cent of the amount bid, such check to be made payable to the Clerk of the Board of Trustees, Kern County Union High School District, and same will be held as evidence of good faith that the successful bidder will enter into contract for the work proposed, that will be satisfactory to the Board of Trustees, and in addition thereto, furnish good and sufficient bond therefor. The Board reserves the right to reject any or all bids or to waive any informality in any bid received. By order of the Board of Trustees, Kern County Union High School District, Kern County Calif., Made January 8, 1923.

ERWIN W. OWEN, President
BOYCE R. FITZGERALD, Clerk.

BIDS WANTED FOR ALTERATIONS TO SACRAMENTO SCHOOL

NOTICE TO CONTRACTORS

Notice is hereby given that sealed bids will be received by the Board of Education of the Sacramento City School District for the complete erection of alterations to a school building in accordance with plans and specifications on file in the office of the Secretary of the Board of Education of the Sacramento City School District, Room 300, City Hall, Sacramento, California, and also in the office of Dean and Dean, Architects, third floor of City Library Building, 9th and I Streets, Sacramento, California

The said school building is located on the property owned by the School District on the north side of Q Street between 4th and 5th Streets, situated in the City of Sacramento, State of California.

On a deposit of $10.00 with the Board of Education, or the Architects, complete sets of plans and specifications may be had by any prospective bidder, and retained for a period of 15 days. The deposit will be returned to the bidder on the return of the plans and specifications in good condition.

Bids must be made on proposals obtained at the office of the Architects, and be signed by the bidder, accompanied by a certified check for at least 10% of the amount of the bid or proposal, certified to by some responsible bank or banker, and made payable to the Secretary of the Board of Education of the Sacramento City School District, said check to be forfeited to and retained by the School District, should the party or parties to whom the contract shall be awarded fail to enter into the contract after the award, or to give bonds as required. Bids must be plainly marked on the exterior "Proposal for Alterations to Lincoln School Building."

All bids must be filed with the Secretary of the Board of Education of the Sacramento City School District, Room 300, City Hall, Sacramento, California, not later than 7:30 o'clock p. m., Monday, February 19, 1923.

The Board of Education of the Sacramento City School District reserves the right to reject any and all bids.

BOARD OF EDUCATION, SACRAMENTO CITY SCHOOL DIST.,
Chas. C. Hughes, Secretary.

MECHANICAL EQUIPMENT BIDS WANTED

NOTICE TO CONTRACTORS

Sealed bids will be received by Geo. B. McDougall, State Architect, Chief, Division of Architecture, Forum Building, Sacramento, California, **up to and including 12 o'clock noon, Tuesday, February 20th, 1923,** said bids then and there to be publicly opened and read, for furnishing all plant, materials and doing the work required for the erection and completion of the MECHANICAL EQUIPMENT FOR THE HOME ECONOMICS BUILDING, AND MANUAL ARTS BUILDING, SAN JOSE STATE TEACHERS COLLEGE, SAN JOSE, CALIF., in accordance with plans and specifications therefor, copies of which may be obtained on appplication to the Division of Architecture, State Department of Public Works, Forum Building, Sacramento, California.

Such bids will be received for all work complete and must be submitted on forms prepared and furnished by said Division of Architecture.

Cash, a bidder's bond, made payable to the State of California, or a certified check made payable to the "State Engineer, Department of Public Works," in the sum of at least ten per centum (10%) of the amount of the bid, must be enclosed with each bid.

A deposit of Twenty-five ($25.00) Dollars will be required on plans and specifications, the deposit to be remitted on the return of plans and specifications to the said Division of Architecture, at Sacramento, California, in good condition.

The Division of Architecture, State Department of Public Works reserves the right to reject any or all bids and waive any informality in any bid received.

The construction work of said Buildings has been placed on a days labor basis and on said basis, the work herein referred to, as a sub-division of said construction, is to be let by contract.

All bids must be addressed to Geo. B. McDougall, State Architect, Chief, Division of Architecture, Forum Building, Sacramento, California, and plainly marked on the envelope: "Proposal for MECHANICAL EQUIPMENT for the HOME ECONOMICS BUILDING AND MANUAL ARTS BUILDING, SAN JOSE STATE TEACHERS COLLEGE, SAN JOSE, CALIFORNIA."

STATE DEPARTMENT OF PUBLIC WORKS, DIVISION OF ARCHITECTURE,

GEO. B. McDOUGALL,
State Architect.
R. M. MORTON,
Director of Public Works.

(Continued on Page 34)

Engineering News Section

BRIDGES, DAMS & HARBOR WORK

REDWOOD CITY, San Mateo Co., Cal. County supervisors have adopted resolution of intention to grant to Col. Frank E. Webb, New York engineer, a franchise to construct low level bridge from Little Coyote Point on the San Mateo county side to Alvarado on the Alameda county side, "after a proper investigation of the same as to existing facts, practicability and legal phases involved."

MERCED, Merced Co., Cal. — Until Feb. 6, 10 a. m., bids will be received by P. J. Thornton, county clerk, to const. reinf. conc. bridge on Warren and Ingomar road over canal, in Rd. Dist. 1. Cert. check 10% payable to Chairman Board of Sups. required. Plans obtainable from clerk or W. E. Bedesen, county surv.

SACRAMENTO, Cal. — Sacramento Chamber of Commerce appropriates $10,000 to engage Major General Geo. W. Goethals to make engineering and economic survey of the proposed Sacramento ship canal.

LOS ANGELES, Cal.—San Francisco Bridge Co., 14 Montgomery St., San Francisco, submitted lowest bid to harbor commission, at 13.9c cu. yd. for dredging to depth of 30 and 35 ft., at mean low water along the easterly side of the East Basin channel, Los Angeles harbor, southwesterly from the U. S. harbor line, sta. 460, involving approx. 490,000 cu. yds. Time limit, start in 15 days, complete in 135 days. Other bids were: United Dredging Co., 14.9c; start in 50 days, complete in 160 days; L. A. Dredging Co., 15.45c; start in 90 days, complete in 240 days.

BLYTHE, Cal.—Foley Bros. and D. A. Foley, Monrovia, awarded contr. by Palo Verde Drainage dist. at $117,427.50 to const. about 12 miles of open drainage ditches. H. C. Neuffer, eng, Blythe; Daniel W. Murphy, consulting engr., 1246 Hollingsworth Bldg., Los Angeles. P. B. Engh, Pacific Bldg., Los Angeles, submitted low bid at $110,690. One of the property owners has secured a temporary injunction to prevent the construction company from proceeding with the work.

NEWPORT BEACH, Cal.—Paul E. Kressly, consulting engr., H. W. Hellman Bldg., Los Angeles, preparing plans for a reinforced concrete bridge to be constructed across the channel to connect with the mainland.

AUBURN, Placer Co., Cal.—City Trustees, Mary H. Wallace, Clerk, declare intention to imp. High St., from E. Placer to El Dorado and El Dorado St., bet. High St., and S. P. right of way; by const. terra cotta pipe drain sewers; lowering 10 ft. of 12-in. terra cotta pipe from surface of ground to 1-ft. below ground; installing 1 steel catchbasin cover; grading and paving with 5-in. cem. conc.; const. conc. curbs and gutters. 1911 Act and Bond Act 1915. Protests Feb. 7.

Intention declared to imp. Agard St., from Orange St. to High St., (excepting that portion fronting high school) and High St., bet. Agard and College Way (exceptink that portion fronting school property) by const. 14-in. terra cotta and conc. drain sewer; grading and paving with 5-in. cem. conc.; conc. curbs and gutters. 1911 Act and Bond Act 1915. Protests Feb. 7. Jerome Barneau, City Eng., Carnegie Library Bldg., Auburn.

REDWOOD CITY, San Mateo Co., Cal. San Mateo County Supervisors, Eliz. M. Nash, Clerk, has authorized a franchise drawn authorizing Col. Frank Elbridge Webb to construct a toll bridge from Little Coyote Point to Alvarado. The franchise will be voted this week. Structure will cost $8,000,000.

SEATTLE, Wash.—County Bridge Eng. D. H. Evans recommends construction of bridge from Jernett to Enati, connecting Merced Island with the mainland; est. cost, $40,000.

SANTA CRUZ, Santa Cruz Co., Cal.—County Surv. Lloyd Bewman preparing surveys for proposed levee to be constructed at Watsonville to protect city from flood waters of Pajaro river.

IRRIGATION PROJECTS

PARADISE, Butte Co., Cal. — Until Feb. 6, 10 a. m., bids will be received by G. C. Bille, secy., Paradise Irrigation District for following improvements: (1) enlarging and modifying approx. 13,000 ft. open ditch; (2) lining ditch with 1-in. rein. gunite, approx. 117,000 sq. ft.; (3) excavation of regulating forebay, approx. 2400 cu. yds.; (4) lining forebay with 1-in. rein. gunite, approx. 24,000 sq. ft.; (5) hauling above materials from Magalla to the job;; (6) approx. 5100 sacks cement for above work; (7) approx. 600 tons sand for above work; (8) approx. 138,000 sq. ft. chicken wire, 1½-in. mesh, No. 19 gauge, for above work. Alternative bids will be accepted on items 2 and 4 for 2-in. cement plaster, no reinforcing. L. M. Edwards, supt. of district. **See call for bids under official proposal section in this issue.**

OAKDALE, Stanislaus Co., Cal.—Protests have been filed with the State Bonding Commission against allowing the Oakdale and San Joaquin Irrigation Districts to issue bonds of $3,750,000 to finance construction of the Melones reservoir and power plant project. The protest is signed by approx. 100 businessmen and ranchers in the Oakdale district who represent a big share of the taxable valuation of the district.

HERMOSILLO, Mex.—The government of Sonora has three commissions at work on an irrigation project for that state. Preliminary work is being done for an irrigation plan to make available 1,500,000 acres, by a system of canals using the waters of the Sonora river. A commission is also at work in the state of San Luis Potosi on a dam at El Mezquite, costing $3,000,000, and having a capacity to water nearly 3,000,000 acres. Information regarding these projects and others of the Mexican government can be obtained from Sr. Gustavo Couret, Mexican coneul at Tucson, Ariz.

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HANFORD, Kings Co., Cal.—Election will be held in Kings County Feb. 7 to vote on the question of organizing the Lakeland Irrigation District. Following organization the district will vote bonds to finance construction of works.

OROVILLE, Butte Co., Cal.—Authorization to call an election to vote bonds of $270,000 to finance improvements in Thermalito Irrigation District has been received by directors of the district. According to plans of S. J. Norris, engineer, construction will include a reservoir in Concow Valley and the reconstruction of the entire pipe system of the district. Directors of district include: H. D. Hodgson, chairman; Ralph Butler and A. F. Chase.

YERINGTON, Nevada—Directors of Walker River Irrigation District announces construction of second storage unit of the reservoir system will be started in Summer. Preliminaries are being completed.

BEND, Ore.—Election will be held Feb. 17 in Deschutes County Municipal Improvement District, formerly the Tumalo Irrigation District, vote bonds of $100,000 to finance completion of irrigation works.

Bids will be received **uptil 10 A. M., Tuesday, February 6, 1923,** by the Board of Directors at its office at Paradise, California, at which time and place said bids will be opened for the following:

1. Enlarging and modifying approximately 13,000 feet of open ditch.
2. Lining ditch with 1 inch reinforced gunite, approximately 117,000 square feet.
3. Excavation of regulating forebay, approximately 2400 cubic yards.
4. Lining forebay with 1 inch reinforced gunite, approximately 24,000 square feet.
5. Hauling all materials from Magalia to the job.
6. Approximately 5100 sacks of cement for the above work.
7. Approximately 600 tons of sand for above work.
8. Approximately 138,000 square feet of Chicken wire, 1½ inch mesh, No. 19 gauge, for above work.

Alternative bids will be accepted on items 2 and 4 for 2 inch cement plaster, no reinforcing.

All work to be done according to plans and specifications on file in the office. Copies may be had on deposit of $5.00 per set.

Successful bidder shall file bond in accordance with law.

Bids may be made on any of above items, or on the job as a whole. The District reserved the right to reject any or all bids.

By order of the Board of Directors, January 2, 1923.

L. M. EDWARDS,
Superintendent.
G. C. BILLE,
Secretary.

LIGHTING SYSTEMS

PASADENA, Cal.—Until 10 a. m., Jan. 24, bids will be received by City Clerk Bessie Chamberlain for constr. ornam. lighting systems in the following streets: Madison Ave., bet. Colorado and Fillmore Sts., involv. reinf. conc. posts, wires, etc.; Colorado St., bet. Marengo and Los Robles Aves., and portions of Garfield and Euclid Aves., involving wiring, conduits, cable, terminals and secondary boxes; cert. check or bond 10% in each case.

REDLANDS, Cal.—City trustees plan street lighting to cost about $10,000. Petitions which have been started will add $5000 to the street lighting program projected.

FRESNO, Fresno Co., Cal.—City Eng. Wm. Stranahan instructed to prepare estimates of cost to install electroliers in Commercial Park.

LOS ANGELES, Cal.—City council declares intention to install lighting posts and appliances in Sunset Blvd., btew. Vista St. and Stanley Ave. Work will be done under 1911 street lighting act.

LOS ANGELES, Cal.—Until 11 a. m. Feb. 5, bids will be received by supervisors to const. ornam. lighting system on Santa Monica Blvd. in Sherman lighting Dist. Work will consist of 57 ornam. standards with underground conduits, etc., complete. Bids are being taken on three types of post, viz: Marbelite No. 500, Marbelite No. 1000, and Union Metal copper clad standards.

LOS ANGELES, Cal.—Supervisors petitioned by residents of Willowbrook dist. for information of Willowbrook lighting dist. Protests will be heard Feb. 13.

HAYWARD, Alameda Co., Cal.—Until Feb. 7, 8 p. m., bids will be received by M. B. Templeton, city clerk, to install Marbelite electroliers in Castro St., bet. A and Jackson; B St., bet. Watkins and 1st; A St., bet. Castro and 1st; Main St., bet. B and A and 1st St., bet. B and A Sts. Work under Imp. Act 1911. The Pacific Gas and Electric Co. will furnish and install underground conduits and electric cables, under a separate contract. Plans obtainable from clerk on deposit of $2.50 returnable. R. H. Goodwin, city eng.

SEATTLE, Wash.—Until Feb. 2, 10 a. m., bids will be received by Wm. D. Freeman, City Purchasing Agent, for fur. and del. 330 cedar poles. Spec. obtainable from above.

LOS ANGELES, Cal.—Newbery Electric Co., 724 S Olive St., submitted low bid to board of public works, at $14,478 for constr. ornam. lighting system in N Main St., bet. Eastlake Ave. and Daly St. Other bids were: H. H. Walker, $14,622; C. W. Sparks, $14,925; Paulson Constr. Co., $14,950; So. Cal. Electric Co., $15,428; D. S. McEwan Electric Co., $16,534.

SAN FRANCISCO — Aluminum Cable Co. of America at approx. $374,211.80 low bidder to furnish and del. steel rein. aluminum cable for Hetch Hetchy Power Plant, involv. approx. 530 miles or 1,740,520 lbs. Bids referred by Board of Public Works to City Eng. M. M. O'Shaughnessy, for report.

LOS ANGELES, Cal.—C. W. Sparks, 433 San Francisco Bldg., submitted low bid to board of public works at $5125 for const. ornam. lighting system in Lucerne Blvd., bet. Third St. and Wilshire Blvd. Other bids were: Paulson Constr Co., $5400; H. H. Walker, $5438; Newbery Electric Co., $5760; So. Cal. Electric Co., $5777; D. S. McEwan Electric Co., $6245.

MACHINERY

SAN DIEGO, Cal. — City Purchasing dept. will call for bids at once on 1500 lengths of 4-in., 400 lengths of 6-in., and 400 lengths of 8-in., and 100 lengths of 10-in. class B cast iron water pipe cost approx. $20,000.

REDWOOD CITY, San Mateo Co., Cal.—Until Feb. 5, 7:30 p. m., bids will be received by W. A. Price, town clerk, for fur. and del. 3000 ft. 4-in. and 3000 ft. 6-in. c. i. water pipe and ten 4x4-in. four 6x6-in and nine 6x4-in. tees; also four 4-in. c. i. plugs. **See call for bids under official proposal section in this issue.**

SANTA ROSA, Sonoma Co., Cal. — M. Greenburg & Son, at $45 each, f. o. b. Santa Rosa, awarded contract by council for fur. 6 fire hydrants.

LOS ANGELES, Cal.—Chicago Pneumatic Tool Co., 207 E 3rd St., Submitted low bid to harbor commission Jan. 19, at $2898 for one gasoline motor driven air compressor; delivery 15 days. Rix Compressed Air and Drill Co., bid $3600; delivery 10 days

SPOKANE, Wash. — Until March 1 bids will be received by City Purchasing Agent C. T. Bogart to const. 50-ton incinerator for which $30,000 is available.

FRESNO, Fresno Co., Cal.—C. T. Spivey, general manager, Fresno Agricultural Works, Tulare and L Sts., will purchase $10,000 worth of machinery and equipment during the year 1923.

LOS ANGELES, Can.—Western Pipe and Steel Co., 5717 Santa Fe Avenue awarded contract by public service commission at 46.75c lin. ft. for furnishing 5000 ft. 6-in. No. 14 gauge riveted steel pipe f. o. b. bidder's shop; delivery to be made not later than Feb. 3 and 10th. Other bids were: Lacy Mfg. Co., 47c ft. f. o. b. works, delivery in 30 days; L. A. Mfg. Co., 47.2c ft., f. o. b. factory, delivery in 40 days; Baker Iron Works, 48.9c ft., delivery 20 days.

LOS ANGELES, Cal. — Westinghouse Electric & Mfg. Co., 420 S San Pedro St., awarded contract by public service comm., at (1) $3000 lump sum for 25 25-ampere 660 volt type "L" Anderson time switches for isolated street lights, and at (2) $62.40 for 2 10-ampere 250-volt type "P" Anderson time switches, f. o. b. East Pittsburgh, Pa., delivery in 2 weeks. Other bids were: Eccles & Smith, (1) $65.40, f. o. b. 211 E Power St., shipment 30 days after receipt of order, delivery in 60 days. Western Electric Co., (1) $136.20 each, f. o. b. Los Angeles, (2) no bid, net 30 days, factory shipment in 30 days.

CARUTHERS, Fresno Co., Cal.—Until Feb. 12, 8 p. m., bids will be received by J. G. Gallagher, clerk, Caruthers Union High School District for fur. and install. one 5 p. m. 3-phase electric motor, direct connected to 3-in. pump with switchboard and appliances.

SEATTLE, Wash.—Until Feb. 9, 10 a. m., bids will be received by C. B. Bagley secretary Board of Public Works, for fur. f. o. b. cars Seattle, electrical equipment for north Sub-station of the Skagit River Development project. Cert. check 5% payable to City Comptroller required with each bid. Spec. obtainable from secretary.

WILLIAMS, Ariz.—Fire in the business district of Williams, Ariz., recently caused a loss of $15,000 to state highway dept., in various tools and equipment. The total loss was $50,000.

SONORA, Tuolumne Co., Cal.—Sonora Granite Works, operating near Blanket Creek, will install a polishing machine and crusher. J. L. Gibbs of Tuolumne is a director in the company.

SANTA BARBARA, Cal.—City manager has been authorized to purchase in the open market a pipe tapping machine, no bids having been submitted for same; cost not to exceed $150.

SAN FRANCISCO—Until Feb. 5, 3 p. m., bids will be received by J. S. Dunnigan, clerk, Board of Supervisors, Rm. 235 City Hall, for fur. and del. one motor street flusher. Proposal blanks will be furnished on application.

OLYMPIA, Wash. — Olympia Veneer Co. will purchase additional machinery for new units to plant to be constructed early this year. Directors of company are: Ernest Anderson, B. A. Olson, Arthur Borden and M. C. Kennedy.

SAN JOSE, Santa Clara Co., Cal.—Until Feb. 19, 11 a. m., bids will be rec. by Henry A. Pfister, county clerk, for fur. and del. one or more 4-yd. steel dump Heil Hydro-Hoist No. 5, direct acting. Irving J. Ryder, county surv.

RAILROADS

SUSANVILLE, Lassen Co., Cal.—Fruit Growers Supply Co. of this city plans to construct electric railroad from its plant to timber holdings in Eagle Lake section. Proposed road would shorten log hauling a distance of approx. 7 miles. Construction, it is expected, will be started this Summer.

SEATTLE, Wash.—Until Feb. 5, 11 a. m., bids will be received by Alaskan Engineering Commission, under Req. SC-4189, for del. Smith Cove Dock, Seattle, Wash., 2 baggage cars, 4 ft. 8½-in gauge, new or rebuilt; weight 65,000 lbs. to 70,000 lbs.

LOMPOC, Cal.—Willitt & Burr, 512 Mission St., San Francisco, submitted only bid to Pacific Southwest Railroad to const. approx. 4 mi. standard gauge railroad bet. Lompoc and Los Hills, to be used by the Celite Products Co., of Lompoc. The firm submitted bids on both propositions, one for complete construction and another for all work necessary to prepare the roadbed for track laying. H. A. Betaque, Ch. Eng., Pacific Southwest R. R.

LOS ANGELES, Cal.—Until 10 a. m., Feb. 9, bids will be received by harbor comm., Byrne Bldg., for 75 lbs. A. S. C. E. rail, in accordance with spec. on file at the office of the harbor eng., Los Angeles harbor. Guy W. Wade, Byrne bldg., secy.

SAN MATEO, San Mateo Co., Cal.—Market Street Railway and Three Cities Chamber of Commerce conferring on proposed extension of Market Street R. R. from its terminal in San Mateo to Beresford station.

FIRE EQUIPMENT

DELANO, Kern Co., Cal.—Election will be held Jan. 23 to vote bonds of $15,000 with which to purchase fire fighting equipment.

SEATTLE, Wash.—Stutz Fire Engine Co., at $155,803 awarded contract by Bd. of Pub. Works for fur. 17 pieces of fire apparatus.

SACRAMENTO, Cal.—Until Feb. 1, 9 p. m., bids will be received by H. G. Denton, city clerk, for fur. hose for use of Fire Dept. Cert. check 5% payable to City Controller required with each bid. Blanks for bidding obtainable from city clerk.

SEWERS, STREET WORK, ROADS & WATER SYSTEMS

REDWOOD CITY, San Mateo Co., Cal.—M. Murphy awarded contract by supervisors to install water supply system at $11,111.50 at county hospital, bid being for steel tank with concrete foundation. For wood tank with wood foundation Murphy bid $8586. Complete list of bids follows:

Engineer Construction Co., (a) steel tank with conc foundation, $12,770; (b) wood tank with wood foundation, $9770.
H. S. Blackin, (a) $12,180; (b) $9180.
W. W. Pringle, (a) $11.696; (b) $9336.

FRESNO, Fresno Co., Cal. — Fresno county supervisors, D. M. Barnwell, clerk, will ask bids immediately for paving Rose Ave., east of Selma; est. cost $120,000. Chris P. Jensen, Cory Bldg., county surv.

PORTLAND, Ore.—Until Feb. 2, 10 a. m., bids will be received by C. H. Purcell, district engineer, U. S. Bureau of Roads, 316 New Postoffice Bldg., Portland, for clearing 24 mi. of Eugene-Florence Natl Forest road located partly in Suislaw Natl. Forest, Lane County, Oregon.

UKIAH, Mendocino Co., Cal. — Until Feb. 14, 10 a. m., bids will be received by W. H. Prather, county clerk, to construct concrete coping around grass plots in Courthouse yard. Cert check 10% required with each bid. Spec on file in office of clerk.

YREKA, Siskiyou Co., Cal.—Until Feb 5, 10 a. m., bids will be received by W. J. Nelton, county clerk, to grade Mt. Hebron to Bray Rd., No. 302 in Klamath Rd. Dist. Cert. check 10% required with each bid. Spec. obtainable from Albert F. Parrott, county surv

Geo. D. Morrison is preparing plans and spec. for 34 sewer jobs, many of which will be under way this spring. Ten sewer contracts are under way and others to be started immediately.

REDWOOD CITY, San Mateo Co., Cal. —City Eng. C. L. Dimmitt has completed spec. for sewers in Jefferson Ave., to the west city limits and in James St., and Central Park. Protests will probably be heard by city trustees Feb. 5.

BERKELEY, Alameda Co., Cal. — Oakland Sewer Const. Co., Oakland, awarded contract by council to const. 6-in. vit. sewer in portions of High Court Tract.

SAN DIEGO, Cal.—V. A. Olson, 4153 Florida St., submitted low bid to council to improve alley in block 205, University Hts., involv. 242 cu. yds. excav. at $1.20 yd.; 12,000 sq. ft. 4-in. cem. conc paving at 29c ft.; four 4-in. cem. sewer laterals at $17.50; two 6-in. cem. sewer laterals at $19.

California Constr. Co., 528 Granger Bldg. submitted low bid to improve 18th St., bet. C St. and Balboa Park, involv. 48,014.1 sq. ft. 1½-in. asph. conc paving on 3-in. asph. conc. base at 18.4c ft. two 4-in. sem. sewer laterals at $42.

OAKLAND, Cal.—Until Feb. 1, 12 m., bids will be received by E. K. Sturgis, city clerk, to const. 6-ft. wide cem. walks in portions of Grove St. 1911 Act. W. W. Harmon, city eng.

REDWOOD CITY, San Mateo Co., Cal.—County Surv. Geo. A. Kneese preparing spec. for oil macadam road in Harrison Ave., leading to the new county hospital.

LONG BEACH, Cal.—Budinich & Nikcevich, Box. 204, Long Beach, submitted low bid to council at $9800 for constr. 22-in. reinf. conc. drainage sewer in Vista St., bet. Quincy and Roycroft Aves., and in portions of other streets.

SANTA ROSA, Sonoma Co., Cal. — Warren Const. Co., Bacon Bldg., Oakland, awarded contract by council to improve Sebastopol Ave., bet. Santa Rosa Ave. and west city limits, grading $.228 sq. ft.; comb. conc. curb and gutter, $.98 lin. ft.; conc. gutter only, $.65 lin. ft.

Warren Const. Co. awarded contract to improve Healdsburg Ave., bet. 10th and Lincoln Sts, grading and paving, $.228 sq. ft.; comb. conc. curb and gutter, $.98 lin. ft.; (pavement for each project to be 2½-in. asph. conc. base with 1½-in. Warrenite surface).

NILAND, Cal. — Chambers of Commerce of Niland and Calipatria are cooperating to form road dist. under 1917 act, to embrace the territory lying north of the third standard parallel to the Riverside county line north and south; the Salton Sea on the west; and as far east as appears practicable. The so will be approx. 43 mi. of roadway the 24 mi. to the Riveraide county line to be conc., and the balance graveled surface.

LOS ANGELES, Cal.—Geo. R. Curtis, 2440 E 26th St., Los Angeles, awarded contract by supervisors at $34,448.88 for improving Washington Blvd., bet. Bridge east of Adams St. and Eastham Rd. (Rd. Dist. No. 4); cash contract No. 198. Work consists of shaping roadbed and shoulders and paving with asph. conc amounting to about 22,546 sq. yds.

VENTURA, Cal.—This city will vote bonds of $250,000 to purchase and improve privately owned water system.

LOS ANGELES, Cal. — Tyron and Bram, 201 Tajo Bldg., awarded contract by board of public works at $5769 to improve 2nd Pl., bet. San Pedro and Main Sts., involv. 32,833 sq. ft. grading, oiling and rolling at 6c ft.; 1229 ft. curb at 65c ft.; 7204 sq. ft. walk at 19c ft.; 5215 sq. ft. conc. gutter at 25c ft.

SANTA MONICA, Cal.—Council declares intention to imp. Arizona Ave., bet Ocean Ave. and 20th St., by grading and paving with 1½-i. Warrenite-Bit wearing surface on 2½-in. asph. conc. base; const. cem. curbs, walks, san. sewer manhole; 1911 Act. John Morton, City Engr.

TURLOCK, Stanislaus Co., Cal.—Until Feb. 6, 7:30 P. M., bids will be rec. by A. P. Ferguson, City Clerk, to imp. Lyons Ave., bet. Arcade and pavement in place in E-Main St., by grading, paving with 3-in. asph. conc. base with 1½-in. Warrenite-Bit. surface; conc. curbs, gutters and walks, corru. iron culverts; and portion of E-Main St., by const. corru. iron culverts, paving with asph. conc. base varying in thickness from 0 to 6-in. with 1½-in. Warrenite-Bit. surface. 1915 Bond Act. Horace Hill, City Eng.

PORTERVILLE, Tulare Co., Cal.—Until Feb. 3, 10 A. M., bids will be rec. by Jay G. Brown, Clerk, Porterville Union High School District to const. conc. walks and curbs and macadam roads fronting school property at Olive and Jay streets. Cert. check 5% req. with each bid. Spec. obtainable from C. O. Premo, Sect'y. of Board, 206 Putnam Ave., Porterville.

LOS BANOS, Merced Co., Cal.—At the Feb. 7 meeting of the city trustees an engineer will be selected for the proposed paving program which includes approx. 30 blocks of streets. Type of pavement is yet to be determined. Among engineers who have filed applications for appointment are: J. F. McSwain, Merced; Geo. H. Freitas, Modesto and A. E. Cowell, Merced.

SANTA ROSA, Sonoma Co., Cal. — City Clerk Vida McL Doggett instructed to advertise for bids for paving So. E St., from Santa Rosa Creek to Bennet Ave., with curbs and gutters where not already. L. L. Mills, city eng.

LODI, San Joaquin Co., Cal.—Sewage disposal bonds of $100,000 carried by a vote of 350 for the issue and 38 against.

OAKLAND, Cal.—Until Feb. 1, 12 m., bids will be received by E. K. Sturgis, city clerk, to improve Roberts Ave., between Birdsall and 55th Aves., grading, conc. curbs, gutters and walks; paving with oil macadam, 1911 Act. Cert. chk 10% payable to city required. W. W. Harmon, city engineer.

PORTERVILLE, Tulare Co., Cal.—City Council, J. L. Hazen, Clerk (protem), adopts res. ordering imp. of alley bet. Main and 2nd, Cleveland and Thurman Sts, and from Thurman to Harrison and from Harrisonn to Morton St., by grading, paving with 5-in. hyd. conc. 1915 Bond Acc. Fred Pease, City Eng.

LOS ANGELES, Cal.—City Engr. John Griffith instructed by council to negotiate with the Pacific Electric Ry. for a right-of-way along the line of the proposed subway to Vineyard, for the new Arroyo de la Sacatella sewer system. This will result in several economies. The railway company is expected to bear the expense of the right-of-way. The engr. will draft new plans for the sewer line as soon as this phase of the work is completed.

SANTA ROSA, Sonoma Co., Cal. — Warren Const. Co., Bacon Bldg., Oakland, awarded contract by council to improve College Ave., bet. Mendocino and west city limits; grading and paving with 2½-in. asph. conc. base with 1½-in. Warrenite-Bit. surface, $.228 sq. ft.; comb. conc. curb and gutter $.98 lin. ft.; comb. conc. curb and gutter (replacement by city) $.98 lin. ft.; excavation, widening, 2-ft. each side, $1.75 cu. yd.

HANFORD, Kings Co., Cal. — Until Feb. 12, 7:30 p. m., bids will be received by G. W. Armstead, clerk, Hanford Joint High School District, to construct conc. walks fronting school property. Cert. check 10% required with each bid. Plans obtainable from Cotton & Co., Inc., landscape architects, 638 New Call Bldg., San Francisco.

KELSO, Wash.—Until Feb. 6, 8 p. m., bids will be received by M. J. Lord, city clerk, for improvements in Dist No. 42, involv. 9200 cu. yds. excav., 1000 lin. ft. guard rail, 1450 lin. ft. conc. curb and gutter, 26,650 sq. ft. conc. walk, 1000 cu. yds. gravel in roadway, 190 lin. ft. conc. steps, 11.3 M. lumber in wood crosswalks, 1230 lin. ft. sewer pipe. Plans obtainable from clerk on deposit of $7.60.

PORTERVILLE, Tulare Co., Cal. — Bids will be received until Feb. 5, 1923 at 7:30 p. m., by Geo. D. Avery, clerk of the city of Porterville, grading and paving with hydraulic cement paving, 5-in. thick, the alley bet. Main and Second, from Cleveland to Thurman and from Thurman to Harrison, from Harrison to Morton.

SANTA ANA, Orange Co., Cal.—Contracts awarded by county supervisors Jan. 23, for improving certain streets and roads were as follows:

B. R. Ford, 407 W 17th St., Santa Ana $29,695 for paving Placentia Ave, Rd. imp. Dist. No. 15, 18 ft wide, 6-in. thick at center and 8-in. at edge, involv. 181,-967 sq. ft. conc. pavement, including gravel sub-base and shoulders, County furnishes materials amounting to $18,-000 additional. Price per sq. ft. complete, 26.2c. Other bids were: Wells & Bressler, $32,000; T. W. Oglesby, $34,-000; Griffith Co., $36,000; H. H. Peterson, $38,377; Independent Paving Co., $44,858; engr'a. est., $30,200.

B. R. Ford, at $5370 for paving S Bristol St., 9 ft. wide from Richmond St., south 2684 ft., involv. 24,000 sq. ft. 6-in. conc. pavement at 22.3c sq. ft. There were no other bids.

S. W. Braggs, Newport Beach, at $22,-658 for grading and graveling Chapman Ave. and other streets, a total length of 4.44 mi. Other bids were: Prendergast Constr. Co., $32,972.60; J. Paul Benson, $28,771.50; Wells & Bressler, $30,585. Engr.'s est., $28,000. County furnishes gravel for sub-base amounting to $8000.

FRESNO, Fresno Co., Cal.—Bids were opened Jan. 22 for the construction of curbs and sidewalks in road imp. dist. No. 3 by the board of supervisors. The contract was let to E. A. McAlpine, who made a unit bid. The work to be done is in Sierra Vista addition No. 4.

EUREKA, Humboldt Co., Cal.—Sealed bids will be received by Fred M. Kay, Clerk of the Board of Supervisors of Humboldt County, Court House, until two o'clock p. m., Tuesday, February 13, 1923, for grading 1300 ft. of new road and re-grading all of the old road from the State Highway near Buhne's Flat to the Golf Club's grounds on Humboldt Hill.

FRESNO, Fresno Co., Cal.—Until 2 p. m., Feb. 6, bids will be received by county clerk, D. M. Barnwell for constructing road project as follows: (1) 3.2 mi. asph. conc. pavement, 16 ft. wide, involv. 6900 cu. yds. earthwork, and 280,300 sq. ft. 5-in. asph. conc. pavement, (2) 6.3 mi. asph. conc. pavement, 16 ft. wide, involv. 7000 cu. yds. earthwork, and 531,900 sq. ft. 5-in. asph. conc. pavement. Cert. check 10%. Plans and spec. may be obtained from county surveyor Chris. P. Jensen, upon payment of cost of blueprints.

SANTA BARBARA, Santa Barbara Co., Cal.—As no bids were received by city council for water mains on Gutierrez St. and Cliff Dr. City Engr. Morrison was instructed to proceed with the work.

SANTA ANA, Orange Co., Cal.—Until 11 A. M., Feb. 6, bids will be rec. by county supervisors for constr. water system in Orange county park, requiring 1413 ft. 6-in., 1530 ft. 4-in., 1000 ft. 2-in., 450 ft. 1-in. pipe, incl. valves and fittings; construction of 12x12 ft. corr. iron pump house; installation of triplex pump, motor, etc.; 2640 ft. 1½-in. conduit. Cert. chk. or bond, 5%. Plans, spec., etc., may be obtained from supt. of highways, or J. M. Backs, county clk. upon deposit of $3.

SAN DIEGO, San Diego Co., Cal.—City council on Jan. 22, adopted res. of inten. No. 28,740, on plans prepared by City Engr. F. A. Rhodes, for the construction of sewer in blocks 7 and 8, Mission Hill, and in Ingleside Ave., involving 1053 ft. of 6-in. concr. pipe; 12 ft. of 4-in. concr. pipe; two 6-in.x4-in. concr. wyes; 3 manholes and 2 dead ends, with necessary trenching from 4 to 16 ft. deep; also No. 28,741 for the construction of sewer in Alabama St., involv. 635 ft. of 6-in. concr. pipe; 8 ft. of 4-in. pipe; one 6 in.x4-in. concr. wye; 2 manholes and 1 dead end, with necessary trenching; 1911 Act. Protests Feb. 19.

LOS ANGELES, Cal.—W. D. McCray, 416 American Nat'l. Bank Bldg., awarded contr. by Board of Public Works at $66,770.89 to imp. Mt. Washington Dr., btew. Marion Way and San Rafael Ave., involv. grading at $14,000 (lump sum); 173,070 sq. ft. concr. paving at 24c ft.; 19,982 sq. ft. finish grading, oiling and rolling at 8c ft.; 246 ft. curb at 70c ft.; storm drain, $1200; three cem. pipe culverts, $150; 636 ft. house sewers; 4566 ft. guard rail at $1.26; concr. walls at $1600 (lump sum). Engr.'s est., $64,053.51.

BAKERSFIELD, Kern Co., Cal.—Until 5 P. M., Feb. 5, bids will be rec. by City Clk. V. Van Riper to imp. portions of East 19th St., Miller, Fremont and Eureka Sts., involv. 23,364 sq. ft. cem. walk, 4124 ft. 16-in. concr. curb, 14,124 sq. ft. cem. walks, 2700 ft. 14-in. curb combination. Est. cost, $10,960. W. D. Clarke, City Eng.

SANTA ANA, Cal.—Until 7.30 P. M., Feb. 12, bids will be rec. by council to const. approx. 2200 ft. 42-in. sewer, 800 ft. of which is to be of cast iron built out into the ocean, for the joint outfall. Plans and spec. on file with city engr., W. G. Knox, and which may be obtained upon payment of $5. E. L. Vegely, City Clerk.

SANTA BARBARA, Cal.—A. J. McGarry, Santa Barbara, at $17,066.54 awarded cont. by council to imp. Curley Ave. bet. Figueroa and Anapamu Sts., grading, paving with 4-in. cem. conc.; 4-in. vit. side sewer connections. Eng. est., $17,400.

SAN FRANCISCO—Following contracts awarded by Bd. of Pub. Works for street and sewer improvements:

Raisch Imp. Co., 46 Kearny St., $5,369; project involves: 320 cu. yds. cut; 355 lin. ft. conc. curb; reset 56 lin. ft. granite curb; 786 sq. ft. art. stone walks; reset 2 br. catchbasins; reconst. 63 lin. ft. 10-in. vit. pipe culvert; const. 120 lin. ft. 9-in. and 60 lin. ft. 10-in. pipe sewer; 2 br. manholes; 9 8-in. wye branches; 8709 sq. ft. asph. conc. pavement.

Municipal Imp. Co., 306 12th St., Oakland, $.167 sq. ft. for 11,940 sq. ft. art. stone walks in Plymouth Ave., bet. Ocean and Lakeview Aves.

C. B. Eaton, 407 11th St., $.20 sq. ft. for 3,183 sq. ft. art. stone walks in Silliman, bet. Goettingen and Somerset Sts.

City Constr. Co., Call Bldg., $6,020, Hearst Ave., bet. Edna and Detroit, involv. 114 cu. yds. cut; 475 cu. yds. fill; 600 lin. ft. conc. curb; 18,000 sq. ft. asph. conc. pavement.

M. J. Lynch, $8,284, Eighth St., bet. Carolina and 16th Sts., involv. 1077 cu. yds. cut; 208 cu. yds. fill; 1091 lin. ft. conc. curbs; 14,778 sq. ft. art. stone walks; 338 lin. ft. 12-in. pipe sewer; 355 lin. ft. 10-in. pipe culvert; 10 br. catchbasins; 2 br. manholes; 8 12-in. wye branches.

NEWPORT BEACH, Cal.—Spec. being prepared for a complete sewer system for Balboa Island, including an Imhoff septic tank disposal system by Paul E. Kressly, consulting engr., H. W. Hellman Bldg., Los Angeles.

OAKDALE, Stanislaus Co., Cal.—City trustees contemplate widening of G street and California Ave., Geo. Macomber, City Engr.

SAN JOSE, Santa Clara Co., Cal.—City Council, J. J. Lynch, Clerk, declares intention to imp. 2nd St., bet. Julian and S. P. right-of-way; grading, paving with 3-in. Durite asph. conc. base with 1½-in. Durite asph. conc. surface. 1911 and 1915 Bond Acts. Protests Feb. 13. Wm. Popp, City Eng.

LOS ANGELES, Cal.—Council declares intention to const. reinf. concr. pipe storm sewer in dia. varying from 45-in. to 48-in., in Country Club Dr., betw. Harcourt Ave. and Rimpau Blvd., and in portions of Rimpau Blvd., and other streets; Vrooman Act.

LONG BEACH, Cal.—Council declares intention to imp. a portion of Lime Ave., bet. Tenth, Anaheim Sts., by grading and paving with 6-in. asph. macad.; constructing Class B concr. curb, concr. gutter; 1911 Act. H. C. Waughop, City Clerk.

OAKLAND, Cal.—Until Feb. 1, 12 m., bids will be received by E. K. Sturgis, city clerk, to improve E-16th St., bet. 37th Ave., and Lot 2, Liese Tract; grading, conc. curbs and gutters; cem walks; oil macadam pavement. 1911 Act. W. W. Harmon, city engineer.

LODI, San Joaquin Co., Cal.—Following contracts awarded by city trustees for equipment for activated sludge disposal plant, the total cost of which is $125,000:

Byron Jackson Iron Works, 55 Montgomery St., S. F., pumps, motors, etc., installed without wiring, $3255.

Halloran & Golcher, Sharon Bldg., S. F., air compressors, $7270.

Fairbanks Morse & Co., 651 Mission St., S. F., three 30 p. m. motors, $1911.

General Electric Co., Rialto Bldg., S. F., two aid flow-meters $699.50 and two water flow-meters $761.10.

General Filtration Co., Rochester, N. Y., 1800 filter plates, $4380.

The Dorr Co. of New York, screens with screenings, dewatering elevator machinery, including motors and transmission, $4537.

No award was made for the 2100-gallon per hour water pressure system, it being thought advisable to award that contract at a later date, and to take it under advisement.

L. F. Barzellotti is city engineer and Clyde F. Smith, 7 Nottingham St., Berkeley, consulting engineer, on the project.

SANTA BARBARA, Cal.—City Eng. Geo. B. Morrison completes spec. to pave Islay St., est. cost, $39,376 and Canal St., est. cost, $33,653. Bids will be asked for shortly.

LOS ANGELES, Cal.—Until Feb. 13, bids will be rec. by county supervisors for improvement work on Anaheim-Telegraph road in road dists. Nos. 1 and 4. Work involves 3535 cu. yds. excav. and borrow; 5070 sq. yds. shaping roadway where sub-base is to be applied; 15,626 sq. yds. shaping shoulders, 3927 tons 2-in. asph. concr. wearing surface; 5889 tons 3-in. asph. concr. base.; 1210 cu. yds. 6-in. disin. granite sub-base; 288 ft. 12-in. corr. iron pipe culvert; 80 ft. 18-in. corr iron pipe culverts; 33 ft. 24-in. reinf. concr. pipe culverts; 10 cu. yds. concr. headwalls; 35,156 sq. yds. flush coat.

EUREKA, Humboldt Co., Cal.—Until Feb. 13, 2 p. m., bids will be received by Fred M. Kay, county clerk, for grade 1300 ft. of new road and regrade all of old road from State Highway near Buhne's Flat to the Golf Club on Humboldt Hill. Cert. check 5% required with each bid. A. J. Logan, county surv.

LOS ANGELES, Cal.—Council declares intention to imp. First St., bet. Second St. and Glendale Blvd., and portions of Westlake Ave., Rampart Blvd., Glendale Blvd., Belmont Ave., Burlington Ave., N. Carondelet St., and other streets and aveenues in the northern section of the city, by changing grades, paving part with 6-in. cem. concr., paint binder, and 2-in. asph. wearing surface; part with 7-in. cem. concr. paving; also paving with asph. wearing surface on bitum. base; also grading and oiling; constructing light curb, cem. walks, concr. gutter, catchbasins, vit. pipe san. sewer; 1913 street imp. act.

LONG BEACH, Cal.—Petitions for paving Broadway bet. Alamitos and Daisy Aves., are in circulation. It is proposed to put in bitu. pavement similar to that being laid on Pine Ave. The main portion of the street will not be paved until the Southern Pacific tracks are removed, so that the entire street can be paved at one time.

NEWPORT BEACH, Cal.—Paul E. Kressly, consulting engr., 732 H. W. Hellman Bldg., Los Angeles, preparing plans for improvements on Balboa Island amounting to several hundred thousand dollars. The proposed work will include the following: Paving of about 1½ miles of 40 ft. roadway on three principal streets; ornamental light system complete for the Island; a complete sewer system including disposal plant consisting of Imhoff septic tank; a bulkhead 250 ft. long, reinf. concr. sheet piling; and a reinf. concr. bridge to connect the island with the main land. This work is separate from the improvements in the city of Newport proper.

SAN JOSE, Santa Clara Co., Cal.—Until Feb. 5, 8 P. M., bids will be rec. by J. J. Lynch, City Clerk, to imp. William St., from 16th St. to pt. 460 ft. east by grading, paving with 1½-in. Warrenite-Bit. surface on 3-in. bit. conc. base.; hyd. conc. curbs, gutters and walks; 2 hyd. conc. inlets with c. i. top gratings; 8-in. vit. pipe drains, const. hyd. conc. header wall 4-in. wide on top and 8-in. wide on bottom and 12-in. deep. 1911 Act and 1915 Bond Act. Cert. check 10% payable to city req. Wm. Popp, City Eng.

SANTA BARBARA, Cal.—A special election will be held in Montecito Valley water dist. Feb. 27, to vote on a $850,000 bond issue for the construction of a water distributing system and a tunnel through the Santa Ynez mountains to develop a water supply.

STOCKTON, San Joaquin Co., Cal.—Until Feb. 6, 11 A. M., bids will be rec. by Eugene D. Graham, County Clerk, to imp. French Camp Rd. in Dist. 3, from Atlanta to Brenham's corner, 5.806 miles and portion of same road at Simm's station to connect with pavement of Yosemite Ave., distance of approx. 250 ft. and portion of Madge Chandler Rd. (Lane road) in Dist. 1 beg. at end of graveled portion west 10,200 ft. to pavement in Borden Rd. at Trapper slough; also on a portion of the Bixler road on Union Island, Dist. 3, beg. at pavement of Howard Rd. approx. 1½-mi. north of Grant Line Canal bridge and thence west 5.97 mi. to Clifton Court ferry. Cert. check 10% payable to Chair. Bd. of Sups. req. Plans obtainable from County Surv. F. E. Quail.

RENO, Nevada—City Council, Harry Chism, City engineer, has outlined its 1923 paving program. Proposed to pave with 3½-in. asph. conc. base with 1½-in. asph. conc. surface and asph. seal coat on all streets except 10th St., this street to be paved with 2-in. asph. conc. and seal coat. Streets to be paved are divided into wards as follows:

FIRST WARD—Ridge St.—Belmont road west to Nixon Ave.; Lander St.—unpaved portion between California and Reno Aves.; Humboldt St.—California to Reno Ave.; Forrest St.—California to Marsh Ave.; South Virginia St.—unpaved portion west side California Ave. to Taylor St.

SECOND WARD. Vine St.—Riverside Ave. to Southern Pacific right of way.; Stevenson St.—Between First and Second Sts.; Bell St.—Riverside Ave. to Second St.

FOURTH WARD. Seventh St.—Sierra to Lake St.; Surprise Valley Rd.—Fourth St. to Fifth St.; N. Virginia St.—Eleventh St. to north city limits; Tenth St.—Sierra to Virginia Sts.

FIFTH WARD. Maple St.—Sierra to Nevada Sts.; Fifth St.—Sierra to Washington Sts.; West Third St.—Sierra to Ralston St.; Vine St.—From West Fourth to a point 350 ft. south, thence west through old brick yard property to west city limits.

SIXTH WARD. South Virginia St.—Unpaved portion east side, bet. California Ave. and Taylor St.; Moran St.—South Virginia St. to Wheeler Ave.; Roberts St.—Holcomb to Wheeler Ave.; Scott St.—Unpaved portion between Scott St. bridge and Park St.; High St.—Unpaved portion bet. Scott and Mill Sts.; Mill St.—Unpaved portion bet. V. & T. R. R. and Truckee St.; Park St.—Scott to Mill St.; Wells Ave.—Roberts to Thoma St.

SAN FRANCISCO — Following bids received by Board of Public Works to const. Army St., sewer extension, involv. 650 lin. ft. 8x10 ft. rein. conc. sewer and 746 lin. ft. 6x10 ft. rein. conc. sewer supported on piles; 830 lin. ft. 8x6 ft. x 10 ft. 6-in. rein. conc. sewer; 5 rein. conc. taper connections; 6 conc. manholes on 8 ft. x 10 ft. rein. conc. sewer and 1 conc. manhole on 8 ft. x 10 ft. 6-in. rein conc. sewer; 10,700 lin. ft. piles; 230 lin. ft. 10-in., 465 lin. ft. 8-in. and 730 lin. ft. 6-in. vit. pipe underdrain; 400 lin. ft. open ditch:

Clinton Const. Co. (low)	$145,609
Tibbitts Pacific Co.	155,683
Eaton & Smith	155,811
L. J. Cohn	163,691
Healy-Tibbitts Constr. Co.	166,558
Schultz Const. Co.	171,215
H. C. Vensano Co.	254,[illegible]

AUBURN, Placer Co., Cal.—City Eng. Jerome Barieau preparing spec. to pave Finley St., bet. High and Orange Sts., Pine St., bet. Lincoln Way and East Placer St., Almond St., bet. Lincoln and East Placer and East Placer bet. Pine and High Sts.

PASCO, Wash.—Until Feb. 6, 2 P. M. bids will be rec. by A. A. Barnes, Clerk, Franklin County Commissioners, for surfacing with crushed rock, approx. 10-mi. of the Pasco-Kahlotus road. Cert. check 5% payable to County Treasurer req. with each bid. Spec. obtainable from County Eng. J. W. Ketner, Pasco, on deposit of $5, returnable.

NAPA, Napa Co., Cal.—Bids to construct the Milliken Canyon water project for the city of Napa will be asked shortly. Plans are being completed by A. Kempkey, consulting engineer, Hobart Bldg., San Francisco. Involves const. of storage reservoir, 9 mi. north of Napa and installation of pipe line at distributing reservoir on Monticello road. Storage reservoir will have capacity of approx. 640,000,000 gals., involv. the clearing and flooding of 45 acres and the construction of a single arch dam having a vertical height of 112 ft. at maximum section. Pipe line will be 25,000 ft. long, from 16-in. to 14-in. in dia.

OAKLAND, Cal.—City Council, E. K. Sturgis, Clerk, declares intention to const. cem. walks in portions of E. 10th St., bet. 50th and 54th Aves. 1911 Act. Protests Feb. 15.

Intention declared to const. cem. walks in portions of 55th Ave., bet. 51st and Bromley Ave. 1911 Act. Protests Feb. 15. W. W. Harmon, City Eng.

SEATTLE, Wash.—Fiorito Bros., 2306 Charles St., at $39,249 submits low bid to Bd. of Pub. Wks. to pave North 77th St.

YUBA CITY, Sutter Co., Cal.—Permanent commission formed to take charge of uncompleted unit of the Garden Highway connecting Sutter and Sacramento counties by way of Nicolaus and the Natomas Blvd., has been completed. James K. O'Brien, Smartsville, chairman; John Russi, Sacramento county supervisor, vice-chairman and John Heiken, Sutter county supervisor, secretary. Meeting will be held shortly to select engineer to prepart spec. for the work.

SAN JOSE, Santa Clara Co., Cal.—County Surv. Irving Ryder preparing spec. to imp. Alamitos road in Supervisor Dist. No. 4. Bids will probably be asked in March.

PORTLAND, Ore.—Public Dock Commission plans installation of auxiliary water system for Municipal Terminal No. 4, est. cost $17,000 which includes 150,000-gal. tank.

FRESNO, Fresno Co., Cal. — City Council, R. R. St. George, clerk, declares intention to construct 24, 22, 20, 18 and 12-in. conc. sewers in portions of 11 and Stanislaus Sts., and 8-in. and 10-in. vit. clay pipe sewers in Blks 345, 66 and 235; 11 conc. manholes; 4-in. wyes, etc. 1911 Act. Protests Feb. 1. Wm. Stranahan, city engr.

LOS ANGELES, Cal.—Griffith Co., L. A. Ry. Bldg., submitted only bid to board of public works to imp. Leeward Ave., bet. Hoover St. and Vermont Ave., involv 107,716 sq. ft. grading to finish subgrade at 5c ft.; 84,591 sq. ft. asph. paving at 23.5c ft.; 24,125 sq. ft. conc. paving at 22c ft.; 555 ft. curb at 65c ft.; 4382 sq. ft. walk at 20c ft.; 4283 sq. ft. gutter at 26c ft.; storm drain, catchbasins, etc., $2750; san. sewer manhole, $200, 882 ft. house sewers at $1.50 ft.; 748 sq. ft. asph. resurfacing at 10c ft.

Baker & Kinsman, 739 H. W. Hellman Bldg., submitted low bid to imp. Kent St. bet. Rosemont Ave. and Waterloo St., involv. 11,931 sq. ft. rough grading to grade at 5.5c ft.; 11,931 sq. ft. finish grading, oiling and rolling at 7c ft.; 568 ft. curb at 65c ft.; 1227 sq. ft. gutter at 34c. Adam Layer bid 6c grading, 7c oiling, 69c curb, 35c gutter.

No bids rec. to imp. Vanowen St., bet. Sherman Way and Balboa Ave., involv. 315,241 sq. ft. Topeka Paving, including 3½-in. base and 1½-in. Topeka top; wooden bridge.

OAKLAND, Cal.—May 8 is date set for special election to vote on formation of East Bay Water Utility District. Nine cities are included in the movement. Alameda, Hayward, Emeryville, Oakland, Piedmont, San Leandro, Albany and Berkeley.

BAKERSFIELD, Kern Co., Cal.—City of Bakersfield requests State Railroad Commission for authority to construct subway under tracks of Santa Fe R. R. at crossing of Union Ave. Will cost $45,000. W. D. Clarke, City Eng.

FRESNO, Fresno Co., Cal.—E. A. McAlpine awarded cont. by county supervisors for imp. in Rd. Dist. Imp. No. 3, involv. 6,900 cu. yds. earth excavation; 60,820 sq. ft. 3½-in. conc. walks, incl. grading; 12,400 lin. ft. 6x8-in.x15-in. conc. curb.

SOUTH PASADENA, Cal.—Until 5 P. M., Feb. 13, bids will be rec. by City Clk. Nettie A. Hewlit, for const. sewer in Camden Ct., involv. 480 ft. 8-in. vit. sewer; one manhole; one flushtank; change one flushtank to one manhole; 95 ft. 6-in. sewer lateral. Cert. chk. or bond, 10%.

SOUTH PASADENA, Cal.—Until 5 P. M., Feb. 13, bids will be rec. by City Clerk Nettie A. Hewitt to imp. following streets:

Monterey Rd., involv. 101,000 sq. ft. 3-in. macadam; 11,000 sq. ft. cem. gutter; 365 ft. 16-in. vit. storm drain; 252 ft. 6-in. sewer.

Marengo Ave., involv. 124,000 sq. ft. 3-in. macadam; 2800 sq. ft. cem. gutter; 1800 sq. ft. walk; 35 ft. curb; 144 ft. 6-in. sewer.

Hope St., involv. 43,000 sq. ft. 3-in. macadam; 3800 sq. ft. cem. gutter; 200 sq. ft. concr. pavement. Cert. chk. or bond, 10% in each case.

SAN BERNARDINO, Cal.—Until 7:30 P. M., Feb. 5, blds will be rec. by City Council to const. 8-in. vit. pipe san. sewer in 8th St., bet. A and B Sts.; also 8-in. pipe in A St., bet. 8th and Barton Sts.; 1911 Act.

SAN DIEGO, San Diego Co., Cal.—Res. of inten. adopted by city council Jan. 22, for improving the following streets:

Paving Pennsylvania Ave. and alley in block 10, Brooks Addition, involv. 196.5 cu. yds. earth excav.; 6000 sq. ft. paving, with 4-in. cem. conc.; 47.5 lin. ft. cem. curb; 51,035 sq. ft. paving with 1½-in. asph. conc. wearinf surface and 2½-in. bitum. base; one 4-in. cem. sewer lateral; 1911 Act. Protests Feb. 19. No. 28,743.

A and C Sts., involv. 145,883.48 cq. ft. paving with 1½-in. asph. conc. wearing surface and 2½-in. bitum. base; 352 sq. ft. surfacing existing gutters; 2223.08 lin. ft. conc. curb.; 925.76 sq. ft. conc. sidewalk; 12 ft. 16-gauge, 15-in. corr. iron pipe; three 4-in. conc. sewer laterals; 2 steel frames and grates; 1911 Act. Protests Feb. 19. No. 28,742.

Glendale, L. A. Co., Cal.—Pasadena Paving Co., 58 S Fair Oaks Ave., Pasadena, sumbitted low bid to city council Jan. 18 at $12,810.85 for improving Carr Dr. and other streets, involv. 1557 ft. grading at 50c ft.; 3210 ft. curb at 49c ft.; 525.23 sq. ft. 3-in. macad. paving at 10c ft.; 16,845 sq. ft. walk at 16.4c ft.; 1062 ft. 4-in. cast iron pipe at $1.40 ft.; 584 ft. 6-in. pipe at $1.59 ft. Other bids were:

Ducey & Breitenstein—70c grading; 50c curb; 10c paving; 15c walk; $1.40 4-in. pipe; $2.20 6-in. pipe; total, $13,285.75.

W. J. Curren—90c grading; 50c curb; 10c paving; 17c walk; pipe complete, $2390; total, $13,552.45.

E. L. Fleming—60c grading; 50c curb; 10.75c paving; 17c walk; pipe complete, $2900; total $13,987.73.

Cornwell & Henderson—$1 grading; 50c curb; 10.5c paving; 17c walk; $1.10 4-in. pipe; $2 6-in. pipe; total, $14,234.58.

Peter L. Ferry—$1.50 grading; 50c curb; 11c paving; 19c walk; pipe complete, $2660; total, $15,616.80.

HUNTINGTON PARK, L. A. Co., Cal.—Until 8 p. m., Feb. 5, bids will be rec. by city trustees for improving east one-half of Santa Fe Ave., bet. Saturn and Florence Aves., by grading and paving with asph. conc., improving the west one-half by grading and oiling; constructing curb, walks and gutters; 1911 Act. H. H. Hunter, city clerk.

SACRAMENTO, Cal.—Until Feb. 1, 9 P. M., blds will be rec. by H. G. Denton, City Clerk, to imp. alley bet. Portola Way and 5th Ave., 26th and 27th Sts., const. conc. catchbasins with 6-in. vit. sewer connections; extend. 6-in. vit. sewer service; reconst. manhole; 1-in. water main connections; grading and paving with 5-in. hyd. conc. with curtain walls. Cert. check 5% payable to City req. Albert Givan, City Eng.

SANTA BARBARA, Santa Barbara Co., Cal.—City council has adopted res. of inten. for paving Islay and Canal Sts. Plans and spec. prepared by City Engr. Geo. B. Morrison. Est. work to cost $39,376 for the former and $33,653 for the latter. A fifty per cent protest has delayed the improvement east of De La Guerra St.

SAN GABRIEL, L. A. Co., Cal.—Res. of inten. No. 69 adopted by city trustees for improving Santa Anita St., bet. Mission and Arroyo Drives, and McGroarty St., bet. Ramona and Santa Anita Sts., by grading and paving under spec. No. 8; constructing cem. curb and walk; Vrooman Act. Ira H. Stouffer city clerk.

LOS ANGELES, Cal.—Until 10 a. m., Feb. 5, bids will be received by board of public works for improving the following streets:

Beverly Blvd., bet. Wilton Pl. and Vine St., involv. 215,318 sq. ft. grading; 2940 sq. ft. asph. paving; 212,408 sq. ft. conc. paving; 2535 ft. curb; 2376 sq. ft. walk; 232 sq. ft. gutter; storm drain; san. sewer; 260 ft. house sewer; Vrooman Act.

Vanowen St., bet. Sherman Way and Balboa Ave., involving 315,241 sq. ft. Topeka paving (1½-in. top on 3½-in. bitum base); wooden bridge. This is a readvertisement as no bids were received Jan. 22.

LOS ANGELES, Cal.—Until 10 a. m., Feb. 5, new bids will be received by board of public works for excavating, removing and disposing of about 700,000 cu. yds. material at site of sewage treatment plant at Hyperion. All Blds received Jan. 15 were rejected as too high. Spec. will be same as those previously. The work consists of leveling sand hills on the ocean front.

BUSINESS OPPORTUNITIES

Further information regarding these opportunities may be had from Foreign and Domestic Trade Department, Chamber of Commerce, Merchants, Exchange Bldg., San Francisco.

6071 — Ashland, Alabama. Firm has large supply of scrap steel suitable for export to Japan, China, etc. Quotations f. o. b. cars, docks, New Orleans, La.

6073—San Francisco, Cal. Gentleman with knowledge of Spanish and who has lived in the South American countries for fourteen years wishes to get in touch with a San Francisco firm desirous of securing representation in South America.

6075—San Francisco—Sales man with ten years' successful selling experience desires to enter a local export house where an opportunity exists for growth in the business.

6076—San Francisco, Calif. Filipino gentleman with good commercial education desires to use his knowledge of the Philippines in a position with San Francisco firm.

D-416—Chicago, Ill. Large machine company desires to appoint agent San Francisco to handle their line of Die Castings.

D-418—Evansville, Ind. Manufacturer of Farm Wagons and other types of wagons desires to appoint agent San Francisco.

6054—Paris, France. Manufacturer of Portable electric drills seeks representation in San Francisco markets.

6056 — Monterey, N. L., Mexico. An American in Mexico will take a limited number of American lines and develop them in his district. Good references are offered.

6062—Milan, Italy. Firm wishes to buy an automatic fruit grader and wrapper.

6065—Papeete, Tahiti. Firm wishes to buy small machinery for manufacturing tin-plate cans with a capacity of 4, 8 and 16 ounces; also a small machine to extract oil from copra

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

$1,000 and Over Reported

The following is an index for the contracts for this issue.

No.	Owner	Contractor	Amt.
201	Roundy	Owner	7000
202	Meyer ..	Munster	1600
203	Janssen	Owner	9500
204	McLaughlin	Owner	8000
205	Castolene	Owner	8000
206	Ryan	Raskins	14000
207	Janssen	Owner	9500
208	Hayman	Meyer	1000
209	Same	Same	1000
210	Cailleaud	Johnson	45000
211	Nelson	Owner	1900
212	Magrand	Owner	3500
213	Urban	Leonard	8000
214	Same	Same	8000
215	Same	Same	8000
216	Same	Same	8000
217	Warden	Owner	6000
218	Tiscornia	Owner	3000
219	Grimm	Merchant	33000
220	Same	Petersen	3500
221	Same	Coleman	8272
222	Same	Hogberg	10226
223	Same	Pacific	3990
224	Same	Knowles	9000
225	Same	Turner	2940
226	Same	Maundrell	3600
227	Braun	Taylor	1500
228	Cavaney	Owner	1800
229	McCarthy	McCarthy	3900
230	Gibson	Owner	3500
231	Same	Same	3000
232	Sachs	Hardy	17000
233	Nicholls	Wiander	6975
234	Giusti	Vukicevich	7985
235	Bonini	Spingola	4450
236	Gaffney	Jensen	145450
237	Green	Mangels	12680
238	Robotti	Owner	2500
239	Johnson	Owner	2200
240	Rege	Owner	40000
241	Deasy	Owner	6000
242	Tyler	Tyler	18000
243	R. C. Archbishop	Bryant	30000
244	McGary	McGary	3300
245	Prost	Christiansen	12600
246	Caselli	Facchio	14000
247	Monson	Owner	3000
248	Klein	Conlan	7000
249	Weidein	Kragen	2000
250	Schwartz	Johnson	41590
251	Terry	Owner	4870
252	Miller	Owner	3000
253	Flannery	Hayes	2000
254	Smith	Owner	20000
256	St. Francis	Mangels	6000
257	Collin	Owner	20000
258	Ng	Monson	10400
259	Roundey	Owner	70000
260	Lieb	Owner	10000
261	St. Francis	Mangels	6000
262	Same	Same	6000
263	Sharman	Owner	2800
264	Brownstone	Brady	56315
265	Same	Western	4880
266	Dressler	Duerner	4008
267	Giorgi	Grant	5300
268	Ehrman	McDonald	10000
269	Lurie	Martinelli	12000
270	Lurie	Vukicevich	70000
271	Regan	Owner	125000
272	Johnson	Owner	6000
273	Schmitz	Hayes	1650
274	Bow	Bayliss	1830
275	Clark	Ellingson	18000
276	Pontacq	Meyer	5513
277	Ng	Monson	10380
278	Lauray	Pene	13985

DWELLINGS
(201) E BRUSSELS 150 N Woolsey. Two one-story and basement frame dwellings.
Owner—Roundy Realty Co., 995 Market St., San Francisco.
Architect—None. $3500 each

GARAGE
(202) W BRODERICK bet. Geary and O'Farrell. One-story frame private garage.
Owner—Mrs. G. Meyer, 1918 Divisadero St., San Francisco.
Architect—None.
Contractor—Munster & Bornholdt, 1530 Broderick St., S. F. $1600

FRAME FLATS
(203) SE EIGHTEENTH AVE AND Cabrillo. Two-story and basement frame (4) flats.
Owner—E. A. Janssen, 402 Hearst Bldg. San Francisco.
Architect—None. $9500

GARAGE
(204) N JESSIE 180 W Seventh. One-story concrete public garage.
Owner—James L. McLaughlin, 251 Kearny St., San Francisco.
Architect—Geo. McKeever, 251 Kearny St., San Francisco. $8000

STORAGE BLDG.
(205) W MINNESOTA 150 N Nineteenth. Two-story reinforced concrete storage building.
Owner — Castolene Oil Co., 1050 Polk St., San Francisco.
Architect—J. J. Irwin, 801 Cabrillo St., San Francisco. $8000

ALTERATIONS
(206) NO. 3470 NINETEENTH. Alterations to present building for (6) apartments.
Owner—Sam Ryan, 48 Second St., San Francisco.
Architect—None.
Contractor—S. Raskins, 731 Baker St., San Francisco. $14,000

FRAME FLATS
(207) SW NINETEENTH AVE AND Cabrillo. Two-story and basement frame (5) flats.
Owner—E. A. Janssen, 402 Hearst Bldg. San Francisco.
Architect—None .. $9500

OFFICE
(208) BLK. BDED by Quint, Rankin, Custer and Davidson. Two-story frame office.
Owner—Hayman Bldg. Supply Co., Quint and Custer Sts., S. F.
Architect—None.
Contractor—Meyer Bros., 5326 Geary St., San Francisco. $1000

SHED
209) BDED BY QUINT, CUSTER, Rankin and Culberson. One-story frame shed.
Owner—Hayman Bldg. Supply Co., Quint and Custer Sts., S. F.
Architect—None.
Contractor—Meyer Bros., 5326 Geary St., San Francisco. $1000

APARTMENTS
(210) S EDDY 87-6 W Leavenworth. Four-story and basement concrete (25) apartments.
Owner—Henry Cailleaud Jr., 1230 Sacramento St., San Francisco.
Architect—None.
Contractor—Louis Johnson, 2260 19th Ave., San Francisco. $45,000

STORE
(211) S GEARY 107 W Cook. One-story frame furniture store.
Owner—Emil Nelson, 4835 Geary St., San Francisco.
Architect—None. $1900

STORES
(212) S GEARY 90 W Sixteenth Ave. One-story frame (2) stores.
Owner—Florence L. Magrand, 601 Buena Vista Ave., San Francisco.
Architect—Theo. W. Lenzen, 706 Humboldt Bank Bldg., San Francisco. $3500

DWELLING
(213) E JUNIPERO SERRA BLVD. 66-3 S Moncada Way. One-story and basement frame dwelling.
Owner—Urban Realty Improvement Co. 39 Montgomery St., S. F.
Architect—S. Heiman, 57 Post St., San Francisco.
Contractor—Leonard & Holt, 39 Montgomery St., S. F. $8000

DWELLING
(214) NE JUNIPERO SERRA BLVD. and Paloma Ave. One and one-half-story and basement frame dwelling.
Owner—Urban Realty Improvement Co. 39 Montgomery St., S. F.
Architect—S. Heiman, 57 Post St., San Francisco.
Contractor—Leonard & Holt, 39 Montgomery St., S. F. $8000

DWELLING
(215) E JUNIPERO SERRA VLVD. 132-6 S Moncada Way. One-story and basement frame dwelling.
Owner—Urban Realty Improvement Co. 39 Montgomery St., S. F.
Architect—S. Heiman, 57 Post St., San Francisco.
Contractor—Leonard & Holt, 39 Montgomery St., S. F. $8000

DWELLING
(216) SE JUNIPERO SERRA BLVD. and Moncada Way. One and one-half-story and basement frame dwelling.
Owner—Urban Realty Improvement Co. 39 Montgomery St., S. F.
Architect—S. Heiman, 57 Post St., San Francisco.
Contractor—Leonard & Holt, 39 Montgomery St., S. F. $8000

DWELLINGS
(217) S KIRKHAM 32-6 and 57-6 W Eleventh Ave. Two two-story and basement frame dwellings.
Owner—Fred Warden, 68 Concord St., San Francisco.
Architect—J. C. Hladik, Monadnock Bldg., San Francisco. $3000 each

DWELLING
(218) E THIRTY-FOURTH AVE 75 S Cabrillo. One-story and basement frame dwelling.
Owner — Domonic Tiscornia, 75 Meda Ave., San Francisco.
Architect—None. $3000

APARTMENTS
(219) NE McALLISTER & LEAVENworth N 87-6xE 62-6. Carpenter work ,etc., for four-story brick apartments.
Owner—Mrs. Anita Grimm, 310 California St., San Francisco.
Architect—T. Paterson Ross, 310 California St., San Francisco.
Contractor—C. T. Merchant, 180 Jessie St., San Francisco.

Filed Jan. 19, '23. Dated Jan. 12, '23.
3rd story joists laid $6200
Roof on 6200
Standing finish on..... 6200
Completed and accepted..... 6150
Usual 35 days..... ——
TOTAL COST, $33,000
Bond, $16,500. Sureties, F. W. Herring and Thos. E. Shumate. Limit, 130 days Forfeit, $20. Plans and specifications filed.

(220) EXCAVATION, GRADING, AND concrete work on above.
Contractor—H. L. Petersen, Lick Bldg., San Francisco.
Filed Jan. 19, '23. Dated Jan. 12, '23.
Ready for pouring concrete....$1000
Concrete poured for walls and piers 1000
Completed and accepted..... 600
Usual 35 days..... 900
TOTAL COST, $3500
Bond, $1750. Sureties, D. J. Sullivan and L. B. Sibley. Limit, 40 days. Forfeit, $20. Plans and specifications filed.

(221) PLUMBING, SEWERING, GAS fitting on above.
Contractor — Alexander Coleman, 706 Ellis St., San Francisco.
Filed Jan. 19, '23. Dated Jan. 12, '23.
Monthly payments of..... 75%
Usual 35 days, 25%.....$2070
TOTAL COST, $8272
Bond, $4300. Sureties, Jno. W. Proctor and Wm. Coleman. Limit, 80 days. Forfeit, $20. Plans and specifications filed.

(222) BRICK WORK AND HOLLOW tile on above.
Contractor—Emil Hogberg, 180 Jessie St., San Francisco.
Filed Jan. 19, '23. Dated Jan. 12, '23.
Brick work up to 2nd story ceiling $2575
Same up to 3rd story ceiling.. 2575
Completed and accepted..... 2475
Usual 35 days..... 2600
TOTAL COST, $10,225
Bond, $5115. Sureties, C. B. Sovig and Jas. H. Pinkerton. Limit, 40 days. Forafeit, $20. Plans and specifications filed.

(223) STRUCTURAL STEEL ANchors and fire escapes on above.
Contractor—Pacific Structural Iron Works, 370 10th St., S. F.
Filed Jan. 19, '23. Dated Jan. 12, '23.
1st columns and 2nd story beams in place $1500
Completed and accepted..... 1490
Usual 35 days..... 1000
TOTAL COST, $3990
Bond, $2000. Sureties, G. Petterson and S. D. Leclair. Limit, 75 days. Forfeit, $20. Plans and specifications filed.

(224) LATHING AND PLASTERING on above.
Contractor—A. Knowles, Call Bldg., San Francisco.
Filed Jan. 19, '23. Dated Jan. 12, '23.
Lathing completed $3350
Completed and accepted..... 3400
Usual 35 days..... 2250
TOTAL COST, $9000
Bond, $4500. Sureties, Wm. F. Cody and J. H. Sampel. Limit, 50 days. Forfeit, $20. Plans and specifications filed

(225) ELECTRIC WIRING, BELLS & telephones on above.
Contractor—The Turner Co., 272 Natoma St., San Francisco.
Filed Jan. 19, '23. Dated Jan. 12, '23.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $2240
Bond, none. Limit, 60 days. Forfeit, $20. Plans and specifications filed.

(226) PAINTING, PAPERING, ETC. on above.
Contractor—Maundrell & Bowen, 320 Hayes St., San Francisco.
Filed Jan. 19 ,1923. Dated Jan. 12, 1923
Pavments same as above.....
TOTAL COST, $3600
Bond, none. Limit, 50 days. Forfeit, $20. Plans and specifications filed.

ALTERATIONS
(227) NW ALICE AND SHIPLEY. Brick-up openings; new foundations; repair T. & G. roof,etc., for machine shop.
Owner—C. F. Braun & Co., 604 Mission St., San Francisco.
Architect—None.
Contractor—Taylor & Goericke, Sharon Bldg., San Francisco. $1500

REPAIRS
(228) NO. 2637 BRODERICK. General repairs and changes for residence.
Owner—A. J. Cavaney, 2306 Vallejo St., San Francisco.
Architect—None. $1800

DWELLING
(229) E FIFTEENTH AVE 25 N Judah. One-story and basement frame dwelling.
Owner—John E. and Ethel M. McCarthy, 1479 12th Ave., S. F.
Architect—None.
Contractor—John E. McCarthy, 1479 12th Ave., San Francisco. $3900

DWELLING
(230) SE THIRTY-FIFTH AVE AND Lincoln Way. One-story and basement frame dwelling.
Owner—J. C. Gibson, 403 Pine St., San Francisco.
Architect — R. Irvine, 507 Call Bldg., San Francisco. $3500

DWELLING
(231) E THIRTY-FIFTH AVE 25 S Lincoln Way. One-story and basementh frame dwelling.
Owner—J. C. Gibson, 403 Pine St., San Francisco.
Architect — R. Irvine, 507 Call Bldg., San Francisco. $3000

APARTMENTS
(232) S GEARY 94 W Nineteenth Ave. Three-story frame stores & (4) apartments.
Owner—C. Y. Sachs, 5505 Geary St., San Francisco.
Architect—M. Morrison, 716 41st St., San Francisco.
Contractor—A. M. Hardy, 518 24th Ave. San Francisco. $17,000

DWELLING
(233) W SEVENTH AVE 200 N Kirkham N 25x120. All work for two-story and basement frame dwlg.
Owner—Mrs. Emma T. Nicholls, 560 29th St., San Francisco.
Architect—None.
Contractor — Emil Wiander, 41 Coleridge St., San Francisco.
Filed Jan. 20, '23. Dated Jan. 19, '23.
Frame up $1743.75
Rough plumbing in and brown coated 1743.75
Completed 1743.75
Usual 35 days..... 1743.75
TOTAL COST, $6975.00
Bond, $1743.75. Sureties, John Devine and J. F. Landini. Limit, 90 days. Forfeit, plans and specifications, none.

CLASS B BLDG.
(234) NW SANSOME AND GREEN 45.10 on Green and 91.8 on Sansome. All work except plumbing, electric, painting, sash, steel, mill and roof for two-story reinforced concrete Class B building.
Owner— S. A. Giusti, 617 Sansome St., San Francisco.
Engineers—Pierre Zucco & Co., 156 Geary St., San Francisco.
Contractor—Vukicevich & Bagge, 180 Jessie St., San Francisco.
Filed Jan. 20, '23. Dated Jan. 16, '23.
2nd floor finished.....$3000
Finished 3000
Usual 35 days..... 1985
TOTAL COST, $7985
Bond, $1000. Sureties J. H. McCallum and H. W. Gaetjen. Limit, 55 days. Forfeit, none. Plans and specifications filed.

DWELLING
(235) LOCATION NOT GIVEN. All work for four-room dwelling and garage.
Owner—Ester Bonini, 1813 Mason St., San Francisco.
Architect—None.
Contractor—A. Spingola & T. Tomassini 211 Moulten Alley, San Francisco.
Filed Jan. 20, '23. Dated Jan. 17, '23
Frame up ..... ——
Rough plastering done..... ——
Usual 35 days..... ——
TOTAL COST, $4450
Bond, none. Limit, Mar. 17, 1923. Forfeit, plans and specifications, none.

BUILDING
(236) N HAIGHT 55 E Gough N 120 E 55 S 86 m orl SW 59-11 W 6-6%. All work for six-story building.
Owner—Jas. B. Gaffney and Raymond A. Luce, 1031 Market St., S. F.
Architect — Walter C. Falch, Hearst Bldg., San Francisco.
Contractor—G. P. W. Jensen, 320 Market St., San Francisco.
Filed Jan. 20, '23. Dated Jan. 19, '23.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $145,450
Bond, $72,725. Sureties, G. P. W. Jensen and Geo. W. Hooper. Limit, 200 days. Forfeit, none. Plans and specifications filed.

DWELLING
(237) LOT 17 BLK 6, St. Francis Wood. All work except sheet metal flues and heating work for frame dwelling and garage.
Owner—Fred H. Green, 671 Ulloa St., San Francisco.
Architect—Earle B. Bertz, 168 Sutter St., San Francisco.
Contractor—Mangels Bros., 4792 Mission St., San Francisco.
Filed Jan. 20, '23. Dated Jan. 12, '23.
Frame up $3170
Brown coated 3170
Completed and accepted..... 3170
Usual 35 days..... 3170
TOTAL COST, $12,680
Bond, $6340. Sureties, Theresa Gamma and John A. F. Steimke. Limit, 100 days. Forfeit, $5. Plans and specifications filed.

FACTORY
(238) SW CHURCHILL PLACE AND Vallejo. One-story concrete mattress factory.
Owner—Simone Robotti, 728 Vallejo St., San Francisco.
Architect—Willis C. Lowe, Monadnock Bldg., San Francisco. $2500

DWELLING
(239) W FOUNTAIN 47 S Twenty-fourth. One-story and basement frame dwelling.
Owner — Gus. Johnson, 3870 22nd St., San Franciscofl.
Architect—None. $2000

APARTMENTS
(240) SW FILBERT AND LARKIN. Four-story and basement reinforced concrete (16) apartments.
Owner—G. Rege, 1609 Powell St., San Francisco.
Architect—C. O. Clausen, Hearst Bldg., San Francisco. $40,000

FRAME FLATS
(241) W FIFTEENTH AVE 250 S Clement. Two-story and basement frame (2) flats.
Owner—Denis Deasy, 3 - 4th Ave., San Francisco.
Architect—None. $6000

BUILDING
(242) N OAK 87-6 W Scott W 50 N 112-6 E 25 S 25 E 25 S 87-6. All work for erection of building.
Owner—Percy D. Tyler, 1438 Cabrillo St., San Francisco.

Architect—None.
Contractor—Percy D. Tyler, 1438 Cabrillo St., San Francisco.
Filed Jan. 22, '23. Dated Dec. 1, '22.
When completed $18,000
TOTAL COST $18,000
Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

CHURCH
(243) SE BALBOA AND FORTIETH Ave. Frame church building.
Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.
Architect — Albert M. Cauldwell, 251 Kearny St., San Francisco.
Contractor—J. A. Bryant, 185 Stevenson St., San Francisco. $30,000

BUTCHER SHOP
(244) N CALIFORNIA 108 W Sixth Ave. One-story and basement frame butcher shop.
Owner—McGary and H. Robson, 1201 Nevada Bank Bldg., San Francisco
Architect—J. Murphy, Burlingame, Cal.
Contractor — McGary & Robson, 1201 Nevada Bank Bldg., S. F. $3300

FLATS
(245) N FULTON 58 E Eighteenth Ave. Two-story and basement frame (2) flats.
Owner — Nicholas Prost, 4136 Fulton St., San Francisco.
Architect—J. P. Christiansen, 518 25th Ave., San Francisco.
Contractor — H. C. Christiansen, 518 25th Ave., S. F. $12,600

FRAME FLATS
(246) NE GREENWICH & POWELL. One-story and basement frame (2) flats.
Owner—J. Caselli and S. Guitini.
Architect—I. Zanolini, 604 Montgomery St., San Francisco.
Contractor—Facchio & Rossina, 36 Cunningham Place, S. F. $14,000

DWELLING
(247) W NINTH AVE 225 N Noriega. One-story and basement frame dwelling.
Owner—F. Monson, 509 Caselli Ave., San Francisco.
Architect—None. $3000

DWELLING
(248) W MONCADA 45 N Urbano Dr. Two-story and basement frame dwelling.
Owner—Catherine J. Klein, 1736 Fell St., San Francisco.
Architect — Walter C. Falch, Hearst Bldg., San Francisco.
Contractor—Conlan & Klein, 1736 Fell St., San Francisco. $7000

ALTERATIONS
(249) SE FILLMORE & HAIGHT STS. Change store fronts, install show windows.
Owner—E. J. Weidein, Haight and Fillmore Streets.
Architect—None.
Contractor—Louis Kragen, 661 Golden Gate Ave., S. F. $2000

APARTMENTS
(250) W SCOTT 55 S Grove W 100xS 52-6. All work for three-story and basement frame apartment house.
Owner—S. A. Schwartz, 430 Funston Ave., San Francisco.
Architect—H. C. Baumann and Edw. Jose, 251 Keaany St., San Francisco
Contractor—Axel A. Johnson, 632 Belvedere St., San Francisco.
Filed Jan. 23, '23. Dated Jan. 16, '23.
Brown coated .....$ 6,750
Completed and accepted..... 10,375
Usual 35 days..... 10,375
90 days after completion 14,000
TOTAL COST, $41,500
Bond, none. Limit, 120 days. Forfeit, none. Plans and specifications filed.

DWELLING
(251) N ALLSTON WAY 100 E Claremont Blvd. One-story and basement frame dwelling.
Owner—W. L. Terry, 1456 Willard St., San Francisco.
Architect—Powers & Ahnden, 460 Montgomery St., S. F. $4870

DWELLING
(252) N ANZA 90 W Thirty-sixth Ave. Two-story and basement frame dwelling.
Owner—John Miller, 3528 Anza St., San Francisco.
Architect—None. $3000

ALTERATIONS
(253) NO. 645 BUSH. Alter for apartments.
Owner—J. W. Flannery, 555 Bush St., San Francisco.
Architect—None.
Contractor—Daniel Hayes, 510 Phelan Bldg., San Francisco. $2000

FLATS
(254) SE GEARY AND TWENTY-third Ave. Two-story and basement frame (3) stores and flats.
Owner—Robt. H. Smith, 180 Jessie St., San Francisco.
Plans by Owner. $20,000

GARAGE, ETC.
(255) S PACIFIC AVE 123 E Van Ness Ave. Two-story concrete garage and paint shop.
Owner—A. A. Tiscornia, Gunst Bldg., San Francisco.
Architect—August G. Headman, New Call Bldg., San Francisco. $25,000

RESIDENCE
(256) W SANTA ANA 62 S Portola Drive. Two-story and basement frame residence.
Owner — St. Francis Home Bldg. Co., 278 Post St., San Francisco.
Architect—Henry Gutterson, 278 Post St., San Francisco.
Contractor—Mangels Bros., 4792 Mission St., San Francisco. $6000

APARTMENTS
(257) N PINE 175 E Jones. Three-story and basement frame (9) apartments.
Owner—J. Collin, 110 Sutter St., San Francisco.
Architect — Fabre & Hildebrand, 110 Sutter St., San Francisco. $20,000

FLATS
(258) N VINTON COURT bet. Pine and California. Two-story reinforced concrete (2) flats.
Owner—Robert Ng, NW Grant Ave. and Vinton Court, San Francisco.
Architect—A. A. Cantin, 68 Post St., San Francisco.
Contractor—Monson Bros., 251 Kearny St., San Francisco. $10,400

DWELLINGS
(259) E BRUSSELS 150 and 175 N Woolsey. Two one-story and basement frame dwellings.
Owner—Roundey Realty Co., 995 Market St., San Francisco.
Architect—None. $3500 each

DWELLINGS
(260) SW DIAMOND AND TWENTY-seventh; W Diamond 25-6 and 51 S 27th; S 27th 49 and 74-6 W Diamond. Five one-story and basement frame dwellings.
Owner—C. E. Lieb, 2872 Folsom St., San Francisco.
Architect—None. $2000 each

RESIDENCE
(261) W SANTA ANA 250 S St. Francis Blvd. Two-story and basement frame residence.
Owner—St Francis Home Bldg., Co., 278 Post St., San Francisco.
Architect—Henry Gutterson, 278 Post St., San Francisco.
Contractor—Mangels Bros., 4792 Mission St., San Francisco. $6000

DWELLING
(262) W SANTA ANA 110 N Monterey. Two-story and basement frame dwelling.
Owner—St. Francis Home Bldg., Co., 278 Post St., San Francisco.
Architect—Henry Gutterson, 278 Post St., San Francisco.
Contractor—Mangels Bros., 4792 Mission St., San Francisco. $6000

DWELLING
(263) W THIRTY-NINTH AVE 50 S Anza. One-story and basement frame dwelling.
Owner—T. L. Sharman & Son, 1440 Shafter Ave., San Francisco.
Architect—None. $2800

APARTMENTS
(264) S JACKSON 124-3 E Franklin E 56-3xS 127-8¼. Concrete, carpenter and mason work for five-story apartment building.
Owner—Edgar H. Brownstone and I. R. Kissel, 1540 Polk St., S. F.
Architect—Bliss & Faville, Balboa Bldg., San Francisco.
Contractor—Matt V. Brady, Monadnock Bldg., San Francisco.
Filed Jan. 24, '23. Dated Jan. 17, '23.
Monthly payments of..... 75%
Usual 35 days..... 25%
TOTAL COST, $56,315
Bond, $38,500. Sureties, M. J. Brady and H. D. Nicol. Limit, Sept. 1, 1923. Forfeit, $10. Plans and specifications filed.

(265) STRUCTURAL STEEL WORK on above.
Contractor—Western Iron Works, 141 Beale St., San Francisco.
Filed Jan. 24, '23. Dated Jan. 20, '23.
Payments same as above.....
TOTAL COST, $4880
Bond, $2440. Sureties, D. J. Sullivan and H. C. Matthies. Limit, Mar. 15, '23. Forfeit, $10. Plans and specifications filed.

COTTAGE
(266) HURON near Sickles. All work for five-room and bath cottage.
Owner—Otto Dressler, 980 Huron St., San Francisco.
Architect—None.
Contractor—James C. Duerner, 188 Sickles St., San Francisco.
Filed Jan. 24, '23. Dated Jan. 20, '23.
Roof on $1336
White coated 1336
Accepted 1336
TOTAL COST, $4008
Bond, none. Limit, 60 days. Forfeit, plans and specifications, none.

COTTAGE
(267) S GREENWICH 162-9¼ E Webster St. N line Pixley E 36 N to S Greenwich W 36. All work for one-story cottage with rough basement.
Owner — Nello Giorgi, 1742 Franklin St., San Francisco.
Architect—None.
Contractor—W. E. Grant, 1032 Geary St., San Francisco.
Filed Jan. 24, '23. Dated Jan. 16, '23.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, $5500
Bond, none. Limit, 95 days after Jan. 20, 1923. Forfeit, none. Plans and specifications filed.

STORES, ETC.
(268) N BRYANT 85 E Third. Three-story and basement concrete stores and offices.
Owner—Ehrman Bros., % Architect.
Architect—S. Heiman, 57 Post St., San Francisco.
Contractor — McDonald & Kahn, 130 Montgomery St., S. F. $10,000

SERVICE BLDG.
(269) N BRANNAN 295 E Fourth. Two-story and basement concrete service building.
Owner—The Lurie Co., Commercial Bldg., San Francisco.
Architect—S. Heiman, 57 Post St., San Francisco.
Contractor—J. Martinelli, 180 Jessie St., San Francisco. $12,000

SERVICE BLDG.
(270) SW FELL AND GOUGH. Two-story and basement frame service building.
Owner—The Lurie Co., 315 Montgomery St., San Francisco.
Architect—O'Brien Bros., 315 Montgomery St., San Francisco.
Contractor—Vukicevich & Bagge, 185 Stevenson St., S. F. $70,000

(271) S E Cor POWELL & O'FARRELL ST. General remodeling of present building.
Owner—Regan Estate Co.
Architect—August Nordin, 717 Mills Bldg. $125,000

FRAME FLATS
(272) W TWENTIETH AVE. 250 N flats. Two-story and basement frame (2) flats.
Owner—Gustaf R. Johnson, 29-A Noe St., San Francisco.
Architect—None. $6000

PLUMBING
(273) E FUNSTON AVE 100 N Geary N 25xE 120. Plumbing for building
Owner—Chas. Schmitz, 301 16th Ave., San Francisco.
Architect—None.
Contractor—Daniel Hayes.
Filed Jan. 25, '23. Dated Jan. 25, '23.
January 25, 1923.....$500
January 30, 1923..... 500
31 days after.....$650
TOTAL COST. $1650
Bond, $825. Sureties, Georgia Hayes and Donald O. Westwater. Limit, Jan. 30, 1923. Forfeits, plans and specifications, none.

EXCAVATION, ETC.
(274) N CLAY 65 W Grant Ave W 20x N 70. Excavation, shoring and underpinning of E wall of building where it adjoins the Soo Yuen property.
Owner—Low On Association.
Architect—J. Eugene Freeman, Kohl Bldg., San Francisco.
Contractor—Bayliss & Sheridan, 351 11th St., Oakland.
Filed Jan. 25, '23. Dated Jan. 24, '23.
Completed and accepted....$1372.50
Usual 35 days..... 457.50
TOTAL COST, $1830.00
Bond none. Limit as fast as possible Forfeit plans and specifications none

FRAME BLDG.
(275) NW NINETEENTH & SANCHEZ All work for two-story frame bldg.
Owner—H. T. Clark.
Architect—None
Contractor—E. Ellingson, 180 Jessie St., San Francisco.
Filed Jan 25, '23. Dated Jan. 23, '23.
Frame up $3375
Brown coated 3375
Finish coat plaster on..... 3375
Completed and accepted..... 3375
Usual 35 days..... 4500
TOTAL COST, $18,000
Bond, $9000. Sureties, H. J. Hansen and G Brenner. Limit, 90 days. Forfeit none Plans and specifications filed

MARKET
(276) NW ASHBURY AND HAYES W 76 3xN 25 Material and labor for one-story frame market building.
Owner—J. Pontacq, 2241 Fillmore St., San Francisco.
Architect—O'Brien Bros., Inc., 315 Montgomery St., San Francisco.
Contractor—Meyer Bros., 5326 Geary St., San Francisco.
Filed Jan. 25, '23. Dated Dec. 28, '22.
Building framed $1378.26
Building plastered 1 coat.... 1378.25
Completed and accepted.... 1378.25
Usual 35 days..... 1378.25
TOTAL COST, $5513.00
Bond, $2756.50. Sureties, Anna Meyer and T. G. Meyer. Limit, 75 days. Forfeit, none. Plans and specifications filed.

CONCRETE BLDG.
(277) N VINTON COURT 77-6 W Grant Ave W 20xN 57-6. All work for two-story reinforced concrete walls building.
Owner—Robert Ng, N W Grant Ave. & Vinton Court, San Francisco.
Architect—A. A. Cantin, 68 Post St., San Francisco.
Contractor—Monson Bros., 251 Kearny St., San Francisco.
Filed Jan. 25, '23. Dated Jan. 24, '23.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $10,380
Bond, $5190. Surety, Globe Indemnity Co. Limit, 75 days. Forfeit, $5. Plans and specifications filed.

FLATS
(278) W TENTH AV 108-3 N Cabrillo N 36xW 120. All work for two-story and basement frame flats.
Owner—L. G. Lauray, 41 Montgomery St., San Francisco.
Architect—Fabre & Hildebrand, 110 Sutter St., San Francisco.
Contractor—Pene & Hodges, 1655 Mason St., San Francisco.
Filed Jan. 25, '23. Dated Jan. 16, '23.
Concrete foundations in $2621
Ready for roofing..... 2621
Rough coat plaster on 2621
Completed and accepted..... 2622
Usual 35 days..... 3500
TOTAL COST, $13,985
Bond, $6995. Surety, L. G. Lauray. Limit, 90 days. Forfeit, $10. Plans and specifications filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted

Jan. 19, 1923—W THIRTY-NINTH Ave 250 S Clement S 30xW 120. Arthur and Barney Quinn to whom it may concern.....Jan. 18, 1923

Jan. 19, 1923—W THIRTY-SECOND Ave 225 S Taraval 25x100. Paul Karib to S Heinauer....Jan. 16, 1923

Jan. 19, 1923—BLK BDED BY Powell Jefferson, Mason and Beach. Pacfice Gas & Electric Co to Judson Mfg Co.....Jan. 18, 1923

Jan. 19, 1923—S MARKET 206 E Fourteenth. James Landers to Herman O Steiner.....Jan. 18, 1923

Jan. 19, 1923—W SANSOME 46-10¾ m or 1 N Sutter N 91-6xW 122-9. Anglo & London Paris Nat'l Bank to Mangrum & Otter Inc..Jan. 9, 1923

Jan. 19, 1923—E BAKER 48 S Greenwich S 24xE 94. D C Vragnisan, acting for Augusta Vragnisan to George M Merritt Bldg Co.....Jan. 11, 1923

Jan. 19, 1923—W TWENTY-FIRST Ave 166-8 N Ulloa N 30xW 120. George C and Margaretha Boeddiker to Ernest Swanson.Jan. 17, 1923

Jan. 19, 1923—S ARMY 60, 75, 100 125 and 150 E York 25x100. Wm H Grahn to whom it may concern...Jan. 18, 1923

Jan. 20, 1923—SE FILBERT AND Divisadero S 55xE 100. Carl Jorgensen to whom it may concern...Jan. 20, 1923

Jan. 20, 1923—E TAYLOR 27-6 S Broadway S 27-6x125. Emma Sautelle to Kincanon & Perego.....Jan. 17, 1923

Jan. 20, 1923—LOT 14 BLK 3173 Westwood Park. Hans and Esther E Nelson to whom it may concern .....Jan. 16, 1923

Jan. 22, 1923—LOT 1 and Ptn. Lot 2 Blk 5, St. Francis Wood. Elsie C and S L Barbour to Clarence M Moore and M P Madsen (as Moore & Madsen).....Jan. 17, 1923

Jan. 22, 1923—LOT 2 BLK 6, St. Francis Wood. J A and Edith B Eason to Mangels Bros..Jan. 20, 1923

Jan. 22, 1923—W BRYANT 213 S 26th. Clarence H Scott to J M Burns...Jan. 20, 1923

Jan. 22, 1923—SW HOWARD AND Hawthorne SE 195xSW 112-6. The San Francisco News Co to Gilley Schmid Co.....Jan. 20, 1923

Jan. 22, 1923—LOT 23 BLK 18, Lakeview. Fred and Elizabeth Scholin to Jas Arnott.....Jan. 20, 1923

Jan. 22, 1923—SW HOWARD AND Hawthorne SE 195xSW 112-6. The S F News Co to Atlas Concrete Co .....Jan. 18, 1923

Jan. 22, 1923—NW FOLSOM 55-6 SW Eleventh SW 27-9 NW to Folsom 110 to center line of alley known as Burn Place NE 28-4½ m or 1 SE 110. Louis Skerl to whom it may concern.....Jan. 20, 1923

Jan. 23, 1923—E FORTY-FOURTH Ave 225 S Clement S 50xE 120. Benjamin Schnier to Meyer Bros...Jan. 19, 1923

Jan. 23, 1923—N CABRILLO 50 E Twenty-first Ave E 44xN 40. Samuel A Wood to whom it may concern .....Jan. 22, 1923

Jan. 23, 1923—LOTS 6, 7, 8, 9 & 10 Block I Mission Terrace. Walter E. Hansen to whom it may concern .....Jan. 23, 1923

Jan. 23, 1923—E 17th AVE 109 S Rivera S 27 x E 100. Claudia Rosemer to J. P. Jessiman.....Dec. 15, 1922

Jan. 23, 1923—E 28th AVE 310 S Geary S 25 x E 90. Eugenia Siebrecht to Burke & Rolff.Dec. 20, 1922

Jan. 24, 1923—W THIRTY-FOURTH Ave 30 S Cabrillo S 30xW 90. Florence Craigmile to David Leigh .....Jan. 22, 9123

Jan. 24, 1923—E FORTY-FOURTH Ave 110 S Cabrillo S 25xE 120. David Leigh to whom it may concern.....Jan. 22, 1923

Jan. 24, 1923—50 FRONTAGE ON E Plato 150 N Clifford with irregular depth of 187-6. Helen and Jos Greenbach.....Jan. 24, 1923

Jan. 24, 1923—E FOLSOM 188-9 N 19th N 30xE 122-6. The I C Moore Estate Co to Samuel Schell.....Jan. 24, 1923

Jan. 24, 1923—E TWENTY-FIRST Ave 300 S Irving. Fred Fiske to whom it may concern..Jan. 24, 1923

Jan. 24, 1923—W LEAVENWORTH 25 N O'Farrell 43x80. Olof Monson to whom it may concern.Jan. 24, 1923

Jan. 24, 1923—E THIRTY-NINTH AV 25 N Anza N 50 —. Meyer Bros to whom it may concern..Jan. 23, 1923

Jan. 24, 1923—E EDINBURGH 225 S Avalon S 25 x E 100. Alma M. Mahan to Martin Smith ...Jan. 19, 1923

Jann. 24, 1923—E PLATO 150 N Clifford. Helen & J. Greenbach to whom it may concern....Jan. 24, 1923

Jan. 25, 1923—LOTS 8, 9, 10 AND 11 Blk "O" Mission Terrace. Amanda A Olsen to Olaf Olsen..Jan. 24, 1923

Jan. 25, 1923—W HEMWAY TERrace 40 and 75 N Fulton; E Hemway Terrace 40 N Fulton. W L Hemminga to whom it may concern.....Jan. 25, 1923

Jan. 25, 1923—SIXTEENTH AND Illinois Sts. Associated Oil Co to Alfred H Vogt.....Jan. 17, 1923

Jan. 26, 1923—SW ELEVENTH AVE and Geary 100 on 11th Ave and 32-6 on Genry. Jeanette Liebman to B Liebman.....Jan. 20, 1923

Jan. 25, 1923—LOT 25x120 Com. 125 S of Geary W line. Jeanette Liebman to B Liebman..Jan. 25, 1923

Jan. 25, 1923—N GEARY 76-4 E Eighth Ave 25x120. F Watson to H L Crouse.....Jan. 20, 1923
Jan. 25, 1923—E TWENTY-EIGHTH Ave 200 S Clement 25x120; No. 436 and 438 28th Ave. Jas E and Nellie R Whitcomb to B W Demaris.....Jan. 24, 1923

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Amount
Jan. 18, 1923—N O'FARRELL 100-5 W Jones N 137-5xW 52. Detroit Graphite Co vs Carl Peterson, Julius H Berghauser and William Schafer $387.50
Jan. 20, 1923—SE SUTTER AND Taylor. B Rosenberg vs Barrett & Hilp, A J Reeder and J S Morgan & Sons.....$271.87
Jan. 23, 1923—LOT 15 BLK 5, St. Francis Wood. Ginsberg Tile Co vs L K and Ragna Siversen and Julius Berge $33.80
Jan. 24, 1923—E FAXON AVE 275 S Holloway Ave S 25xE 112-6. R S Holding vs Margaret Grant.....$15
Jan. 24, 1923—SW TINGLEY 156.48 SE San Jose Ave SE 25xSW 100. The Fay Improvement Co vs Sophie Suter $200.92
Jan. 25, 1923—COMG ON GUERRERO 95 S 18th S 30-6xW 100. Inlaid Floor Co vs Pietro Bianchi and Bert and Mary Senienza $15
Jan. 25, 1923—NO. 288 CLEMENTINA 22-6x80. Electric Equipment & Installation Co vs White Investment Co and Mrs Clayhorn..$218.25
Jan. 25, 1923—E FUNSTON AVE 125 N Geary N 25xE 120. Jas E Baker vs Milton and Bertha Kamler and Ben Liebman.....$125.57

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded Amount
Jan. 23, 1923—S CRESCENT AVE 32-6 E Bache E 50xS 75. H S Thomson to Jno H and Magdalena Mueller $657.48
Jan. 23, 1923—E FORTY-EIGHTH Ave 150 S Cabrillo S 30xE 120. E Dietlin to George F Barnett and John Doe Jackson $1564
Jan. 23, 1923—NO. 66 TWENTY-Seventh Ave, Sea Cliff. Leon Blum Co to Margaret Rosenblatt and H J Hansen.....$326
Jan. 23, 1923—S CARL 29 W Schrader 25x100. Garrett M Goldberg & Co to Al Lawcock and Sarah Banka..
Jan. 24, 1923—W DIVISADERO 25 S Eddy S 25x W100. W J Lovell to Harry J and Annie Lyons.....$313

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

Jan. 23, 1923 — E LEAVENWORTH 137-6 N Turk N 25-4x W87-6. Edw. & Henrietta Lewis as to improvements on property.....
Jan. 23, 1923—SE SACRAMENTO & Fillmore E 104-3xS 82-7½. Frances Brownstein & Estelle Putzel as to improvements on property.....

BUILDING CONTRACTS

ALAMEDA COUNTY

$1,000 and Over Reported

The following is an index for the contracts for this issue:

No.	Owner	Contractor	Amt.
255	Hammarberg	Owner	6500
256	Swalley	Owner	6750
257	Goodmundson	MacGregor	10000
258	Norris	Owner	5500
259	Milliken	MacGregor	6490
260	Drube	Westlund	9000
261	Goodmundson	MacGregor	10000
262	Johnson	Owner	2000
263	Berkeley	Owner	4500
264	Same	Same	3000
265	Chase	Mattison	5500
266	Arena	Field	8500
267	Nell	Omo	8500
268	Sanitary	Owner	8000
269	Kramer	Owner	6000
270	Clark	Owner	2500
271	Birch	Owner	4000
272	S F & O T Ry	Nelson	1150
273	Dorsey	Graham	2500
274	Johnson	Adams	3800
275	Fisher	Owner	3000
276	Sanitary Ice	Owner	2000
277	Borden	Peppen	9600
278	Grimes	Owner	3850
279	Lassen	Lassen	3950
280	Stackter	Moe	1500
281	Frost	Hart	1000
282	Sanazzars	Owner	3600
283	Chase	Van Horn	3000
284	Nichols	Owner	4750
285	Baddeley	Knight	19500
286	Lowe	Flittner	6144
287	Pfang	Owner	4000
288	Harvey	Welling	4500
289	Janeson	Miska	1400
290	Pfang	Owner	12000
291	Wilson	Owner	4000
292	Laidloe	Mason	4000
293	Gallia	Owner	1000
294	Glazier	Owner	1500
295	Young	Owner	4000
296	Weaver	Owner	4900
297	Cheng	McCloy	2500
298	Hammel	Owner	2500
299	Graham	Owner	3000
300	Union	Owner	5000
301	Interlocking	Owner	5000
302	Evans	Gossett	7400
303	Pavert	Owner	11850
304	Pavert	Owner	15800
305	Pugh	Owner	4000
306	Pavert	Owner	11850
307	Whitcomb	Garner	1000
308	Kroman	Jensen	11550
309	Poe	Murry	3500
310	Okd Bank	Muller	16500
311	Mackey	Bergman	1000
312	Atkinson	Owner	2000
313	Philbrick	Owner	3000
314	Dean	Owner	3800
315	Fisher	Owner	9000
316	Chr Brethren	Blickenstaff	1000
317	Mass	Castle	3200
318	Andrews	Owner	15800
319	Holmes	Brasch	30000
320	Fennelly	Owner	3750
321	Lodge	Lodge	3000
322	Kerns	Patrick	6000
323	Kerns	Patrick	4575
324	Peterson	Owner	2500
325	Berkeley	Owner	1000
326	Brown	Owner	3000
327	Brown	Owner	3500
328	Nonemmacker	Owner	16000
329	Hamer	Owner	2200
330	Jones	Owner	1200
331	Pfrang	Owner	4000
332	Hayes	Oakland	2222
333	Borg	Texdahl	21950
334	McGee	Roby	3800
335	Campau	Owner	3000
336	Glenn	Corbett	1000
337	Lange	Owner	5000
338	Barker	Estey	1200
339	Randall	Randall	5000
340	Miller	Wolbold	7500
341	Dolan	Owner	3960
342	Heltman	Owner	1800
343	Watkins	Owner	3000
344	Overton	Stanley	3300
345	Sigwald	Owner	3500
346	McSweyn	Tollefsen	5000
347	United	Murch	15061

DWELLING
(256) NO .341 EL CERRITO AVE., Piedmont. One-story 6-room dwelling and garage.
Owner—Albert Hammarberg.
Architect—None. $6500

DWELLING
(256) NO. 507 MAGNOLIA AVE., Piedmont. One-story 6-room dwelling and garage.
Owner—H. M. Swalley, 766 Walker St., Oakland.
Architect—None. $6750

DWELLINGS
(257) NO. 106 AND 110 MAGNOLIA Ave., Piedmont. Two one-story 6-room dwellings and garages.
Owner—A. R. Goodmundson, 2140 San Pablo Ave., Oakland.
Architect—None.
Contractor—C. M. MacGregor, 370 13th St., Oakland. $5000 each

DWELLING
(258) NO. 1251 OAKLAND AVE., Piedmont. One and one-half-story 6-room dwelling and garage.
Owner—Justus Norris, 423 Hill Lane Ave., Oakland.
Architect—None. $5500

DWELLING
(259) NO. 206 SAN CARLOS AVE., Piedmont. One and one-half-story six-room dwelling and garage.
Owner—Roland Milliken, 3858 Howe St., Oakland.
Contractor—C. M. MacGregor, 370 13th St., Oakland. $6490

DWELLING
(260) NO. 84 WILDWOOD AVE., Piedmont. One and one-half-story 8-room dwelling and garage.
Owner—R. C. Druhe, 1101 Lake Shore Ave., Oakland.
Architect—None.
Contractor—Fred J. Westlund, 351 12th Oakland. $9000

DWELLINGS
(261) NO. 103 AND 107 WILDWOOD Ave., Piedmont. Two one-story 6-room dwellings and garages.
Owner—A. R. Goodmundson, 2140 San Pablo Ave., Oakland.
Architect—None.
Contractor—C. M. MacGregor, 370 13th St., Oakland. $5000 each

DWELLING
(262) NO. 1141 BLAKE ST., Berkeley. One-story 5-room dwelling.
Owner — J. A. Johnson, 1036 Grayson St., Berkeley.
Architect—None. $2000

DWELLING
(263) NO. 1737 CAPISTRANO ST., Berkeley. Two-story 7-room dwlg.
Owner—Berkeley Bldg. Co., Solano and Colusa, Berkeley.
Architect—None. $4500

DWELLING
(264) NO. 914 MODOC ST., Berkeley. One-story 6-room dwelling.
Owner—Berkeley Bldg. Co., Solano and Colusa, Berkeley.
Architect—None. $3000

FLATS
(265) E FIFTIETH AVE 150 S Bond, Oakland. 2-story 8-room flats.
Owner—C. Chase.
Architect—None.
Contractor—E. T. Mattison, 3629 Laguna Ave., Oakland. $5500

FLATS
(266) E LAKESHORE 190 S Walla Vista, Oakland. 2-story 11-rm. flats
Owner—D. Arena, Los Grande Apt., Okd
Architect—None.
Contractor—W. B. Field, 3866 14th Ave. Oakland. $8500

STORE
(267) NW SECOND AVE. & E 16th, Oakland. 1-story frame store.
Owner—S. Nell.
Architect—None.
Contractor—Fred Omo, 2128 11th Ave., Oakland. $8500

ALTERATIONS
(268) SW TWENTY-SIXTH & CHESTnut, Oakland. Alterations.

Owner—Sanitary Ice Co., premises.
Architect—None. $8000

DWELLINGS
(269) NO. 2841-2843-2845 EASTMAN Ave., Oakland. Three one-story 3-room dwellings.
Owner—Harda Kramer, 3906 Allendale Ave., Oakland.
Architect—None. $2000 each

DWELLING
(270) NO. 2001 HARRINGTON AVE., Oakland. One-story 4-room dwlg.
Owner—O. R. Clark, 2009 Harrington Ave., Oakland.
Architect—None. $2500

DWELLING
(271) E HAVENSCOURT BLVD. 400 S Avenal, Oakland. One-story 5-room dwelling.
Owner—C. A. Birch, 300 13th St., Okd.
Architect—None. $4000

SHELTER
(272) S LAKESHORE AVE — W Longridge, Oakland. One-story shelter.
Owner—S. F. & O. T. Railway Co.
Architect—None.
Contractor—H. P. Nelson, 1947 Blake St., Berkeley. $1150

ALTERATIONS
(273) NO. 474 PERKINS ST., Oakland. Alterations.
Owner—E. T. Dorsey, Premises.
Architect—None.
Contractor—E. H. Graham, 152 Grand Ave., Oakland. $2600

DWELLING
(274) NO. 3261 PRENTIS ST., Oakland. One-story 6-room dwelling.
Owner—C. E. Johnson, 526 22nd St., Oakland.
Contractor—E. H. Adams, 2840 23rd Ave., Oakland. $3800
Architect—None.

DWELLING
(275) N SCENIC AVE 125 W Laguna Ave., Oakland. One-story 5-room dwelling.
Owner—A. Fisher, 3338 Arkansas St., Oakland.
Architect—None. $3000

BOILER ROOM
(276) SW TWENTY-SIXTH & CHESTnut, Oakland. One-story boiler room.
Owner—Sanitary Ice Co., Premises.
Architect—None. $2000

DWELLINGS
(277) NO. 1000 AND 1008 UNDERHILL Road, Oakland. Two one-story 6-room dwellings.
Owner—C. W. Borden Co., Syndicate Bldg., Oakland.
Architect—None.
Contractor—J. B. Peppin, 851 Trestle Glen Road, Oakland. $4800 each

DWELLING
(278) NO. 3473 WOODRUFF AVE., Oakland. One-story 5-room dwlg.
Owner—Robert D. Grimes, 355 12th St., Oakland.
Architect—None. $3850

DWELLING
(279) NO. 5348 BROADWAY, Oakland. One-story 5-room dwelling.
Owner—Carl C. Lassen, 5323 College Ave., Oakland.
Architect—None.
Contractor—Lassen & Shields, 5323 College Ave., Oakland. $3950

ALTERATIONS
(280) NO. 1086 GRAND AVE., Oakland. Alterations and additions.
Owner—Mrs. H. Stackler.
Architect—None.
Contractor—H. A. Moe, 4116 Allendale, Oakland. $1600

DWELLING
(281) N FIFTY-NINTH 100 W Idaho, Oakland. One-story 2-room dwlg.
Owner—A. Frost, 1036 59th St., Okd.
Architect—None.
Contractor—D. E. Hart, 1033 60th St., Oakland. $1000

DWELLING
(282) N MARTIN 100 W Claremont, Oakland. One-story 5-room dwlg.
Owner—Louis Sanazzars, 5503 Claremont Ave., Oakland.
Architect—None. $3500

DWELLING
(283) E SIXTY-SIXTH 60 N Arthur, Oakland. One-story 4-room dwlg.
Owner—Clay Chase.
Architect—None.
Contractor—D. W. Van Horn, 6936 Mauritania St., Oakland. $3000

DWELLING
(284) NO. 836 E-TWENTY-FOURTH Oakland. One-story 6-room dwlg.
Owner—Clarence K. Nichols, 356 12th St., Oakland.
Architect—None. $4750

APARTMENTS
(285) E HADDON ROAD 200 S Trestle Glen Road, Oakland. Two-story 16-room apartments.
Owner—Herbert F. Baddeley, 619 18th St., Oakland.
Architect—None.
Contractor—Harry C. Knight, 388 12th St., Oakland. $19,500

DWELLING
(286) NO. 1937-39 THIRTY-EIGHTH Ave., being Lots 45 and 46 Map Redwood Park, Oakland. All work for one-story frame duplex dwlg.
Owner—James Monroe Lowe, W. J. and M. E. De Gloria, 3423 E-10th St., Oakland.
Architect—None.
Contractor — Jos. Flittner, 1700 35th Ave., Oakland.
Filed Jan. 19, '23. Dated Jan. 17, '23.
Frame up ..... ¼
Brown coated ..... ¼
Completed and accepted..... ¼
Usual 35 days..... ¼
TOTAL COST, $6144
Bond, none. Limit, 90 days. Forfeit, $1. Plans and specifications filed.

DWELLING
(287) 2165 ASHBY, Berkeley. 1-story 5-room dwelling.
Owner—C. J. Ptrang.
Architect—None. $4000

DWELLING
(288) 663 COLUSA, Berkeley. 2-story 6-room dwelling.
Owner—Hazel Fay Harvey, 2714 Howard St.
Architect—None.
Contractor—C. C. Welling. $4500

FACTORY
(289) 2418 EIGHTH ST., Berkeley. 1-story factory.
Owner—M. M. Janeson.
Architect—None.
Contractor—Aaro Niska, 1137 Allston Way, Berkeley. $1400

DWELLING
(290) 2930, 2934, 2938 FULTON, Berk. Three 1-story 5-room dwellings.
Owner—C. J. Ptrang, 480 Forest St., Oakland.
Architect—None. $4000 each

DWELLING
(291) 3050 LEE, Berkeley, 1-story 5-room dwelling.
Owner—Henry Wilson, 661 52nd St., Oakland.
Architect—None. $4000

DWELLING
(292) 2225 MARIN, Berkeley. 1-story 6-room dwelling.
Owner—W. H. Laidlee.
Architect—None.

Contractor—Mason MasDuffie Co. Shattuck & Addison, Berkeley. $4000

DWELLING
(293) 1329 STANNAGE, Berkeley. 1-story 3-room dwelling.
Owner—Joe Gallla, 3874 Shafter Ave., Oakland.
Architect—None. $1000

DWELLING
(294) 1695 WARD ST., Berkeley. 1-story 4-room dwelling.
Owner—L. Glazier, 1407 10th St., Berk.
Architect—None. $1500

DWELLING
(295) NO. 810 ARLINGTON ST., Oakland. One-story 6-room dwelling.
Owner—Jas. H. Young, 4174 Emerald St., Oakland.
Architect—None. $4000

DWELLING
(296) NO. 1501 EVERETT AVE., Oakland. One-story 6-room dwelling.
Owner — P. B. Weaver, 2936 Scuyler Ave., Oakland.
Architect—None. $4900

ALTERATIONS
(297) NO. 903 MARKET ST., Oakland. Alterations and additions.
Owner—N. C. Cheng, 8th and Market Sts., Oakland.
Architect—None.
Contractor—C. E. McClay, 426 Laurel St., Oakland. $2500

DWELLING
(298) S PAXTON 474 W Thirty-fifth Ave., Oakland. One-story 4-room dwelling.
Owner—F. Hammel, 2880 E-16th St., Oakland.
Architect—None. $2500

DWELLING
(299) W SIXTY-FOURTH AVE 270 S Beck St., Oakland. One-story five-room dwelling.
Owner—Lewis Graham, 242 23rd Ave., Oakland.
Architect—None. $3000

STATION
(300) GORE SHATTUCK, TELEGRAPH and Forty-fifth St., Oakland. One story brick service station.
Owner—Union Oil Co. of California.
Architect—None. $6000

DWELLING
(301) NO. 1233 E-THIRTY-THIRD ST., Oakland. One-story 6-room dwlg.
Owner—Interlocking Tile Constr. Co., 82 9th St., Oakland.
Architect—None. $5000

DWELLING
(302) LOT 3 BAINE'S ADDITION TO Elmwood Park Blk 1565, Berkeley. Two-story frame dwelling.
Owner—J. M. Evans, 1673 74th Avenue, Oakland.
Architect—Harris Allen, Central Bank Bldg., Oakland.
Contractor—C. A. Gossett, 327 Davis St., Oakland.
Filed Jan. 22, 1923. Dated Jan. 22, 1923.
First floor joists in 20%
Roof on 20%
Plastered 20%
Completed and accepted 20%
Usual 35 days 20%
TATOL COST, $7400
Bond $3700; Surcties, F. L. Parker and C. I. Gilbert; Forfeit, none; Limit, 80 days; Plans and specifications filed.

DWELLINGS
(303) NO. 1828, 1830, 1834 BERRYman, Berkeley. Three one-story 6-room dwellings.
Owner—R. J. Pavert, 1st National Bank Bldg., Berkelty.
Architect—None. $3950 each

DWELLINGS
(304) NO. 1330, 1334, 1336 and 1340 Frove, Berkeley. Four one-story 6-room dwellings.
Owner—R. J. Pavert, 1st National Bank Bldg., Berkelty.
Arcihtect—None. $3950 each

DWELLING
(305) NO. 4 INDIAN ROCK PATH, Berkeley: One-story 6-room dwlg.
Owner—C. E. Paugh, 596 22nd St., Okd.
Architect—None. $4000

DWELLINGS
(306) NO. 1337, 1341 and 1340 JOSEPhine, Berkeley. Three one-story 6 room dwellings.
Owner—R. J. Pavert, 1st National Bank Bldg., Berkelty.
Arcihtect—None. $3950 each

ADDITION
(307) NO. 1009 SHATTUCK AVE., Berkeley. Addition.
Owner—K. Whitcomb, Premises.
Architect—None.
Contractor—E. R. Garner, 1318 University Ave., Berkeley. $1000

DWELLINGS
(308) 3437, 3443, 3449 ADELINE ST., Oakland. Three 1-story dwellings.
Owner — Mrs. Anne S. Kroman, 3417 Adeline, Oakland.
Architect—None.
Contractor—Jensen & Pederson, 3417 Adeline, Oakland. $3850 ea

DWELLING
(309) 1650 AUSEON AVE., Oakland. 1-story 5-room dwelling.
Owner—A. L. Poe, 1465 Auseon Ave., Oakland.
Architect—None.
Contractor—J. Murry, 9233 Birch St., Oakland. $3500

BANK
(310) N E-FOURTEENTH ST. 30 W 34th Ave., Oakland. 1-story brick Bank.
Owner—The Oakland Bank.
Architect — Reed & Corlett, Oakland Bank of Savgs., Oakland.
Contractor — F. A. Muller, Syndicate Bldg., Oakland. $16,500

DWELLING
(311) W EIGHTY-FIRST AVE 120 S Holly St., Oakland. 1-story 3-room dwelling.
Owner—Della Mackey, 2245 39th Ave., Oakland.
Architect—None.
Contractor—E. L. Bergman, 2245 39th Ave., Oakland. $1000

SHED
(312) DERBY & CHAPMAN, Oakland. One-story shed.
Owner—Atkinson Mill Co., premises.
Architect—None. $2000

DWELLING
(313) E EASTMAN 170 S Penniman Av Oakland. 1-story 5-room dwelling.
Owner—O. E. Philbrick, 1401 E-38th St., Oakland.
Architect—None. $3000

DWELLING
(314) 3827 ELSTON, Oakland. 1-story 5-room dwelling.
Owner—C. M. Dean, 3571 Fruitvale Ave Oakland.
Architect—None. $3000

FLATS
(315) N FAIRBANKS 250 E Walker Ave, Oakland. 2-story 10-room flats
Owner—H. P. Fisher, Syndicate Bldg., Oakland.
Architect—None. $9000

ALTERATIONS
(316) NO. 1917 FORTIETH AVE., Oakland. Alterations.
Owner—Church of the Brethern, Prem.
Architect—None.
Contractor—A. Blickenstaff, 3527 Custer St., Oakland. $1000

DYELLING
(317) E SIXTY-FIRST AVE 350 S Brann, Oakland. One-story 5-room dwelling.
Owner—Geo. J. Mass.
Architect—None.
Contractor—C[illegible]tle & Peters, 1710 E-20th St., Oakland. $3200

DWELLINGS
(318) W SHATTUCK AVE 45, 80, 120 and 160 S 53rd St., Oakland. Four one-story 5-room dwellings.
Owner—F. A. Andrews, Federal Bldg., Oakland.
Architect—None. $3950 each

STORES AND LOFTS
(319) NE SEVENTEENTH & FRANKlin, Oakland. Two-story brick and tile stores and lofts.
Owner—Harold C. Holmes, 2734 Elmwood Ave., Oakland.
Architect—None.
Contractor—M. P. Brasch, 506 American Bank Bldg., Oakland. $30,000

DWELLING
(320) W TWENTY-NINTH AVE 75 S E-Seventeenth, Oakland. One-story 5-room dwelling.
Owner—J. D. Fennelly, 2910 E-22nd St., Oakland.
Architect—None. $3750

DWELLING
(321) S WALNUT AVE 120 E Lilac St., Oakland. One-story 5-room dwlg.
Owner—Martha E. Lodge, 5494 Band St., Oakland.
Architect—None.
Contractor—C. F. Lodge. $3000

DWELLINGS
(322) NO. 2217 AND 2223 BLAKE ST., Berkeley. Two one-story 4-room dwellings.
Owner—F. W. Kerns, 2219 Kearns St., Berkeley.
Architect—None.
Contractor — H. G. PATRICK, 2420 Spaulding Ave., Bkly. $2500 each

DWELLING
(323) NO. 2223 A & B BLAKE S., Berkeley. One-story 8-room 2-family dwelling.
Owner—F. W. Kerns, 2219 Kearns St., Berkeley.
Architect—None.
Contractor — H. G. PATRICK, 2420 Spaulding St., Berkeley. $4575

DWELLING
(324) NO. 1700 CARLTON ST., Berkeley. One-story 5-room dwelling.
Owner—A. Peterson, 2635 Mathews St., Berkeley.
Architect—None. $2500

NURSERY
(325) NO. 1310 McGEE, Berkeley. Nursery.
Owner—Berkeley Horticultural Nursery, 2525 Regent St., Berkeley.
Architect—None. $1000

DWELLING
(326) NO. 1381 EXCELSIOR AVE., Oakland. One-story 5-room dwlg.
Owner—Brown & Stenbro, 1707 Broadway, Oakland.
Architect—None. $3000

DWELLING
(327) NO. 1401 EXCELSIOR AVE., Oakland. One-story 6-room dwlg.
Owner—Brown & Stenbro, 1707 Broadway, Oakland.
Architect—None. $3500

APARTMENTS
(328) SE FIFTY-FIFTH AND SHATtuck Ave. Oakland. Two-story 23-room apartments.
Owner—A. H. Nonemmacker, 792 19th St. Oakland.
Architect—None. $16,000

DWELLING
(329) NO. 1016 FORTY-FIFTH AVE., Oakland. One-story 4-room dwlg.
Owner—W. J. Hamer, 1801 102nd Ave., Oakland.
Architect—None. $2200

DWELLING
(330) W MORGAN 125 W Maple Ave., Oakland. One-story 2-room dwlg.
Owner—Albert Jones, 547 E-12th St., Oakland.
Architect—None. $1200

DWELLING
(331) NO. 5 PARK PLACE, Oakland. One-story 5-room dwelling.
Owner—L. G. Pfrang, 5467 Locksley Ave., Oakland.
Architect—None. $4000

DWELLING
(332) NO. 2232 E-TWENTY-FIRST. Oakland. One-story 4-room dwlg.
Owner—Mrs. Mary Hayes, 589 22nd St., Oakland.
Architect—None.
Contractor—Oakland Home Builders Co., 1704 San Pablo Ave., Oakland. $2222

STORE BLDG.
(333) W SAN PABLO AVE 75 N Allston Way, Berkeley. All work for one-story reinforced concrete (8) store building.
Owner—Lawrence Borg, Berkeley.
Architect—Schirmer Bugbee & Co., Thayer Bldg., Oakland.
Contractor—C. Texdahl, 5375 Belgrave Place, Oakland.
Filed Jan. 24, '23. Dated Jan. 17, '23.
Form up to ceiling joists....$4115.75
Poured and joists set..... 4115.75
Plastered 4115.75
Completed and accepted..... 4115.75
Usual 35 days..... 5487.50
TOTAL COST, $21,950.00
Bond, none. Limit, 100 days. Forfeit, none. Plans and specifications filed.

DWELLING
(334) NO. 2424 JEFFERSON, Berkeley Two-story 7-room dwelling.
Owner—Mary Blanch McGee, 1996 University Ave., Berkeley.
Architect—None.
Contractor—D. B. Roby, 2428 Jefferson St., Berkeley. $3800

DWELLING
(235) NO. 2235 JEFFERSON, Berkeley One-story 5-room dwelling.
Owner—Campau-Hall Bldg. Corp., 5723 College Ave., Berkeley.
Architect—None. $3000

ALTERATIONS
(336) 1310 BROADWAY, Oakland. Alterations.
Owner—Glenn Estate, Henshaw Bldg., Oakland.
Architect—None.
Contractor — Corbett & Bagliss, 1110 Franklin St., Oakland. $1000

DWELLING
(337) 841 CALMAR AVE., Oakland. 1-story 7-room dwelling.
Owner—C. E. Lange, 428 Perkins St., Oakland.
Architect—None. $5000

DWELLING
(338) 3872 CERRITO AVE REAR, Oakland. 1-story 2-room dwelling.
Owner—Mrs. J. H. Barker, premises.
Architect—None.
Contractor—G. F. Estey, 1815 Hearst Berkeley. $1200

DWELLING
(339) 1024 EXCELSIOR AVE. Oakland 2-story 6-room dwelling.
Owner—Mabel Randall, 471 Moss Ave., Oakland.
Architect—None.
Contractor—W. W. Randall, 471 Moss Ave., Oakland. $5000

DWELLING
(340) SE COR EDGEWOOD & HOLLYWOOD Ave., Oakland. 2-story 8-room dwelling.
Owner—Lewis B. Miller.
Architect—None.
Contractor — J. Henry Wolbold, 2115 Center St., Berkeley. $7500

DWELLING
(341) S SANTA RAY 200 W PALOMA Oakland. 1-story 5-room dwelling.
Owner—Leo J. Dolan, Syndicate Bldg., Oakland.
Architect—None. $3960

DWELLING
(342) 1326 SIXTIETH AVE., Oakland. 1-story 4-room dwelling.
Owner - W. W. Heltman, 1718 81st Ave Oakland.
Architect—None. $1800

DWELLING
(343) 2722 TWENTY-FIRST AVE., Oakland. 1-story 5-room dwelling.
Owner—C. P. Watkins, 2151 E-24th St., Oakland.
Architect—None $3000

DWELLING
(344) 1553 THIRTY-EIGHTH AVE., Oakland. 1-story 4-room dwelling.
Owner—H. P. Overton, 4176 Howe St., Oakland.
Architect—None.
Contractor—T. E. Stanley, 1748 23rd Av Oakland. $3300

DWELLING
(345) 2427 THIRTY-EIGHTH AVE. 1-story 5-room dwelling.
Owner—J. W. Sigwald, 3927 Augua Vista Ave., Oakland.
Architect—None. $3500

DWELLING
(346) SW 10 LOT 236 & NE 30 LOT 237 Blk 535 4th Ave Terrace, Oakland. 1-story 5-room dwelling and garage.
Owner—John McSweyn.
Architect—None.
Contractor—C. Tollefsen, 836 Mead Ave Oakland.
Filed Jan. 25, 1923. Dated Jan. 23, 1923. Each wk. all labor and materials. Balance 2 weeks after completed.
TOTAL COST, $5000
Bonds none; Sureties, none; Forfeit, none; Limit, 90 days from Jan. 20. Plans and specifications filed.

FACTORY
(347) LOTS 42, 43, 44, 45 SUBDIVISION Surryhne Tract. Concrete factory
Owner—United Autographic Register Co., Chicago, Ill.
Architect—None.
Contractor — Walter Murch, Federal Bldg., Oakland.
Filed Jan 24, 1923. Dated Jan. 24, 1923. Usual 35 days 25%
15 day each month.....75%
TOTAL COST, $15,061
Bonds, $7530.50, $7530.50; Sureties, Maryland Casualty Co.; Forfeit, none; Limit, as soon as possible; Plans and Specifications filed.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Accepted

Jan. 19, 1923—LOT 10 Map Grand Ave Terrace, Oakland. Samuel Dvorin to J B Bishop...Jan. 17, 1923

Jan 19, 1923—SW FOOTHILL BLVD and High 79x36. Martin Eggera to H G Newman.....Jan. 13, 1923

Jan 19, 1923—LOT 24 BLK 17, Lakeshore Highlands, Oakland. Augustus H Kress to Albert A Haakell.....Jan. 6, 1923

Jan. 19, 1923—LOT 15 BLK F, Northbrae Ter, Berkeley. G W Wickland to J W Monroe....Jan. 18, 1923

Jan. 19, 1923—PTN LOTS 4 AND 5 Blk "F" Map Central Piedmont Tract No. 4, Piedmont. William King to Geo W Eliassen.Jan. 10, 1923

Jan. 19, 1923—LOT 9 BLK "U" Map Central Piedmont Tract No. 4, Oakland. F De Benedetti to M E Hopper & Son.....Jan. 11, 1923

Jan. 19, 1923—LOT 40 and N 10 Lot 41 Blk "C" Map Alton Park, Oakland. R and Edith Englander to H M Darnett.....Jan. 19, 1923

Jan. 19, 1923—LOT 4 BLK "F" Lakeshore Terrace, Oakland. Katherine Houck to H L Houck....Jan. 18, 1923

Jan. 19, 1923—LOT 5 BLK "F" Lakeshore Terrace, Oakland. Katherine Houck to H L Houck...Jan. 18, 1923

Jan. 19, 1923—NO. 1511 MOUND ST., Alameda. Julius J Grodem to whom it may concern..Jan. 12, 1923

Jan. 19, 1923—PTN LOTS 46 AND 47 Crocker Highlands, Oakland. C Levensaler to Tranmal & Bradhoff.....Jan. 13, 1923

Jan. 18, 1923—PTN LOT 31, all Lot 34 and Pin Lot 35 Blk 2089 Map Paradise Park, Oakland. Valentine Egenberger to Frank P McDonald .....Jan. 17, 1923

Jan. 22, 1923—HIGH ST. STATION, Alameda. Southern Pacific Co to Hutchinson Co.....Jan. 16, 1923

Jan. 22, 1923—S UNIVERSITY AVE 275 W Sacramento, Berkeley. Ruth B Kidd to J A Pinkerton.... .....Jan. 19, 1923

Jan. 22, 1923—FOURTEENTH AND Franklin Sts. to 21st and Broadway, 20th and Broadway, 20th and Telegraph, 21st & Telegraph, Okd. Southern Pacific Co to Hutchinson & Co.....Jan. 17, 1923

Jan. 22, 1923—LOT 159 Map Nova Piedmont, Piedmont. Alice P Lawrence to F L Burnett..... .....Jan. 20, 1923

Jan. 22, 1923—MARINE WAYS, Oakland. Southern Pacific Co to Alois Neubert.....Jan. 16, 1923

Jan. 22, 1923—LOT 129 Map Fremont Tract, Oakland. B E Sweet to R A Smith.....Jan. 14, 1923

Jan. 22, 1923—NO. 1333 SAN PABLO Ave., Berkeley. C. C. Corkett to Fred Hambleton.....Jan. 18, 1923

Jan. 22, 1923—LOT 176 BLK "F" Bowles & Fitzgerald Tract, Oakland. James H Young to whom it may concern.....Jan. 19, 1923

Jan. 22, 1923—NE TELEGRAPH AVE and Channing Way, Berkeley. Berkeley Leasing & Realty Co, Inc to David Nordstrom.....Jan. 18, 1923

Jan. 22, 1923—LOT 2 BLK "C" Map East Piedmont Heights, Piedmont. Henry W Haler to whom it may concern.....Jan. 18, 1923

Jan. 22, 1923—NE RUSSELL AND Pine Path, Berkeley. Sara Kellar to A J McPhee.....Jan. 22, 1923

Jan. 23, 1923—NO. 3845 DALE PLACE Oakland. L F Stoeltzing to J B Bishop.....Jan. 20, 1923

Jan. 23, 1923—LOT 15 BLK 15 Map Lakeshore Highlands, Oakland. Agnes J Sturges to C A Gossett... .....Dec. 27, 1922

Jan. 23, 1923—U. C. GROUNDS, Berkeley. Regents of U. C. to A Knowles.....Jan. 17, 1923

Jan. 23, 1923—LOT 29 BLK 1, Northbrae, Berkeley. John O Weston to whom it may concern..Jan. 22, 1923

Jan. 23, 1923—S WENTWORTH AV 80 E Fairfax Ave., Oakland. D V Greves to A B Christensen..... .....Jan. 19, 1923

Jan. 24, 1923—LOT 12 Map Reom Tract, Oakland. Catherine O Foulkes to Gede & Randall..... .....Jan. 17, 1923

Jan. 24, 1923—NW NINTH AVE 260 NE E-24th NE 40xNW 130, Oakland. Clarence K Nichols to whom it may concern.....Jan. 23, 1923

Jan. 24, 1923—SE GRAND AND Dayton Ave., Alameda. Robert M Eschen to McIntosh Bros..... .....Dec. 31, 1922

Jan. 24, 1923—NO. 4372 MONTGOMery, Oakland. Anna Seaman to Fred Peters.....Jan. 22, 1923

Jan. 24, 1923—NO. 3018 SEMINARY Ave, Oakland. P Runyon to A E Orton .....Jan. 22, 1923

Jan. 24, 1923—NE MAYBELLE AND Quigley, Oakland. Alfred Sayner to William H King.....Jan. 23, 1923

Jan. 24, 1923—PTN LOTS 4 AND 5 Map Hillside Park, Piedmont. Guy Taylor to whom it may concern.. .....Jan. 23, 1923

Jan. 25, 1923—LOT 2 BLK "B" Rose Knoll, Berkeley. P E Marquis to whom it may concern...Jan. 24, 1923

Jan. 25, 1923—S 50 LOT 13 BLK 1, Highland Sbdvn Adams Point Ppty., Oakland. Eva M Hamilton to Emile Pierson.....Jan. 22, 1923

Jan. 25, 1923—NO. 62 AND 66 PALM Court, San Leandro. A E Pelton to Erle McCord and A B Davis.. .....Jan. 22, 1923

Jan. 25, 1923—LOT 3 BLK "K" Foothill Park Tract, Oakland. Sidney C and Clara Campbell to whom it may concern.....Jan. 14, 1923

Jan. 25, 1923—LOT 5 Map Resbdvn Pin Blk "X" Vernon Park, Oakland. Walter H Burritt to whom it may concern.....Jan. 15, 1923

Jan. 25, 1923—S FORTY-SECOND bet. Webster and Rich. 40x90, Oakland. Lydia Grafe to A C Sharp.....Jan. 20, 1923

Jan. 25, 1923—E SEA VIEW AVE 543.20 N La Salle Ave E 120xN 80, Piedmont. Charles H and Orrie J Bain to Alfred Peterson..... .....Jan. 15, 1923

LIENS FILED

ALAMEDA COUNTY.

Jan. 19, 1923—LOTS 1 AND 2 BLK 20, Map 8, Regents Park, —. Richard Smith vs Etta A and J E Sprague $41.65

Jan. 19, 1923—NW SUNNYSIDE DR. 978 NE E-Fourteenth NE 52.84 NW 181.93 SW 53.10 SE 181.87, San Leandro. Eureka Mill & Lumber Co vs Emma E Starr, O F Darling and The Darling-Harding Co.....$105.68

Jan. 19, 1923—105TH AVE NE Pontiac NW 240 to point beg., NW 200xNE 100, Oakland. V J Antonuctio vs Nannie Catching and Frank Johnson $36.93

Jan. 20, 1923—S THIRTY-SIXTH 116 W Grove W 50xS 120.255, Oakland. P J Pickering vs Laura B Trenschel $430

Jan. 20, 1923—E STANNAGE AVE 100 N Brighton Aves N 25xE 100, Albany. P J Pickering vs H and Carolina B Hanson.....$90

Jan. 20, 1923—N SUNNYSIDE DRIVE 323 E E-Fourtenth E 40 N 181.54 W 40 S 181.52, San Leandro. Powell Bros, Inc vs O F Darling and Darling, Harding & Co and Maria Avellar $204.10

Jan. 20, 1923—S SUNNYSIDE DRIVE 283 E E-Fourteenth E 30xS 180.05 W 40 N 180.09, San Leandro. Powell Bros. Inc. vs O F Darling and Darling, Harding & Co and Maria Avellar $111.90

Jan. 20, 1923—S SUNNYSIDE DRIVE 883 E E-Fourteenth E 40 S 179.54 W 40 N 179.61, San Leandro. Powell Bros. Inc. vs O F Darling and Darling, Harding & Co and Maria Avellar $84.60

Jan. 20, 1923—S SUNNYSIDE DRIVE 725 E E-Fourteenth E 40 S 179.74 W 40 N 179.80, San Leandro. Powell Bros. Inc. vs O F Darling and Darling, Harding & Co and Maria Avellar $93.90

Jan. 20, 1923—S SUNNYSIDE DRIVE 323 E E-Fourteenth E 40 S 180.02 W 40 N 180.05, San Leandro. Powell Bros. Inc. vs O F Darling and Darling, Harding & Co and Maria Avellar $115.60

Jan. 20, 1923—S SUNNYSIDE DRIVE 523 E E-Fourteenth E 40 S 179.86 W 40 N 179.89, San Leandro. Powell Bros. Inc. vs O F Darling and Darling, Harding & Co and Maria Avellar $144.05

Jan. 20, 1923—S SUNNYSIDE DRIVE 683 E E-Fourteenth E 40 S 179.74 W 40 N 179.77, San Leandro. Powell Bros. Inc. vs O F Darling and Darling, Harding & Co and Maria Avellar $134.50

Jan. 20, 1923—S SUNNYSIDE DRIVE 603 E E-Fourteenth E 40 S 179.80 W 40 N 179.83, San Leandro. Powell Bros. Inc. vs O F Darling and Darling, Harding & Co and Maria Avellar $82.85

Jan. 20, 1923—S SUNNYSIDE DRIVE 843 E E-Fourteenth E 40 S 179.61 W 40 N 179.64, San Leandro. Powell Bros. Inc. vs O F Darling and Darling, Harding & Co and Maria Avellar $77.13

Jan. 20, 1923—S SUNNYSIDE DRIVE 763 E E-Fourteenth E 40 S 179.68 W 40 N 179.71, San Leandro. Powell Bros. Inc. vs O F Darling and Darling, Harding & Co and Maria Avellar $42.42

Jan. 22, 1923—LOTS 1 AND 2 and S 4½ Lot 3 and Lots 32, 33 and 34 Map Casserly Tract, Oakland. Emeryville Hardware & Tool Co vs W J Meyers and John G and Nellie Sjoberg $60.62

Jan. 22, 1923—W TALBOT 150 N Darmouth, 75x100, Albany. California Door Co vs Lew and Cora M Smith $55

Jan. 22, 1923—NW SUNNYSIDE DR 978 NE E-Fourteenth NE 52.84 NW 181.93 SW 53.10 SE 181.87, San Leandro. M A Lopes vs Emma Starr and Darling, Harding & Co $140.70

Jan. 23, 1923—LOT 8 BLK "H" Map Fourth Ave Terrace, Oakland. M J Mathias vs R O and Lenore G Miller $110.40

Jan. 23, 1923—LOT 1 BLK "D" Map Plot Waterside Terrace, Alameda. Inlaid Floor Co vs Edward C and Hazel N Nichol and H E Shepard $187.78

Jan. 25, 1923—NW 105TH AVE AND NE Pontiac NW 240 fm pt beg NW 200xNE 100, Oakland. C E Bonnell vs Nannie Catchings and Frank Johnson $80

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded Amount

Jan. 20, 1923—N SANTA CLARA AVE 75 W Benton W 30xN 90, Alameda. Maxwell Hardware Co, $41.12; M F Wise, $366.63 to Marie Redon....

Jan. 20, 1923—LOT 5 BLK 5, Thousand Oaks Station Tract, Berkeley. Strable Hardwood Co to Herbert Hansen Floor Co et al.....$64.64

Jan. 24, 1923—E BROADWAY 100 N Fortieth E 100 N 49.37, Oakland. M Stulsaft Co to F L Warner et al $655.84

Jan. 23, 1923—LOT 92 Map Higgins Tract, Oakland. Strable Hardwood Co to Herbert Hansen Floor Co et al $47.91

Jan. 25, 1923—S SHATTUCK AV 250 S Indian Rock, Berkeley. John German, $16.50 Joseph Schmidt, $20.88; Albert Demen, $16.03 to H L Bennett and C C Williams.....

Notice of Non-Responsibility

ALAMEDA COUNTY

Jan. 19, 1923—NE FOURTEENTH Ave and E-12th th along E-12th 75xN 90, Oakland. E J Saake as to improvements on property...

Jan. 18, 1923—PT. 237.26 SE Twelfth St. and 99.61 SW at right angles to 12th St. SW 88.61 SE 112.27 NE 51.97 N W111.5, Oakland. Western Pacific Railway Co as to improvements on property.....

Jan. 22, 1923—PORTION BLK 1, Map Key Route Heights, Oakland. Alameda Investment Co as to improvements on property.....

Jan. 22, 1923—LOT 27 BLK 3, Map Key Route Heights, Oakland. Alameda Investment Co as to improvements on property.....

Jan. 22, 1923—PTN LOT 174 Resubdivision Blk "D" Meek Estate Orchards, Eden Tp. H W Meek Est Inc as to improvements on property

Jan. 22, 1923—LOT 98 Resbdvn Blk "C" Meek Estate Orchards, Eden Tp. H W Meek Estate, Inc as to improvements on property.....

Jan. 22, 1923—LOT 139 Resbdvn Blk "D" Meek Estate Orchards, Eden Tp. H W Meek Estate Inc as to improvements on property.....

CANCELLATION OF BUILDING CONTRACT

ALAMEDA COUNTY

Jan. 24, 1923—Nellie and C. Foster, owner with Alfred Johnson and V. Winther, contractor. Contract made Jan. 12, 1923.

BUILDING CONTRACTS

FRESNO COUNTY

$5,000 and Over Reported

HOTEL

LOTS 12 & 13, 16 2/3 ft. of lot 11 block —, Fresno. Hotel building.

Owner—Damir Bros. & Darburian Bros. 1137 J St., Fresno.

Architect — Coats & Traver, Rowell Bldg., Fresno.

Contractor — Frederickson & Shannon, Cory Bldg., Fresno.

Filed Jan. 18, 1923. Dated Jan. 12, 1923.

As work progresses.....75%

Usual 35 days 25%

TOTAL COST, $66,443

Bond, $33,500; Sureties, Nation Surety Co.; Forfeit, $20 per day; Limit, 100 working days; Plans and specifications filed.

DWELLING, $6500; No. 835 Peralta Way, Fresno; owner, Berton & Wolf, Bank of Italy Bldg., Fresno.

GARAGE, $14,000; No. 1422 Van Nesa Ave., Fresno; owner, U. G. Hayden, Rowell Bldg., Fresno; contractor, Miller & Wyatt.

ALTERATION & addition, $7400; 1035 Broadway; owner, Maurice Rosenthal, premises; contractor, Louis Kragen.

DWELLING, $18,000; 3647 Huntington Blvd., Fresno; owner, Rennie; contractor, R. Pedersen, 446 Clark St., Fresno.

DWELLING, $5500; 1522 Webster St., Fresno; owner, C. E. Butner, 106 N 5th St., Fresno; contractor, R. Pederson, 446 Clark St., Fresno.

ALTERATION & addition, $5500; 4168 Huntington Blvd., Fresno; owner, J. B. Guinn, 1415 O St., Fresno; contractor, Chas. E. Baker, Fresno.

COMPLETION NOTICES

FRESNO COUNTY

Recorded Accepted

Jan. 16, 1923—E 50 FEET LOT 3 BLK 2, Hazelwood. J W Bandy to whom it may concern...Jan. 15, 1923

Jan. 17, 1923—S ½ LOTS 1 AND 2 St. Clair, Fresno. J E York to whom it may concern . . . Jan. 17, 1923

Jan. 17, 1923—LOT 2 Sierra Vista Tract, Fresno. John Maneely et ux to whom it may concern..Jan. 13, 1923

Jan. 18, 1923—LOTS 11 AND 12 BLK 6, Roeding Addition, Fresno. E G Cooper to whom it may concern... .....Jan. 16, 1923

Jan. 18, 1923—LOT 4, North Hill Addition, Fresno. Paul A Christenson to whom it may concern..... .....Jan. 17, 1923

Jan. 22, 1923—LOTS 23 & 24 BLOCK 54 East Fresno. Geo. Van Buskirk .....Jan. 22, 1923

Jan. 23, 1923—LOT 2 BLK 12, Alta Vista Tract, Fresno. Emma Barsotti to whom it may concern. . .....Jan. 23, 1923

Jan. 23, 1923—LOT 3 BLK 27, Hazelwood. J F Pimentel to whom it may concern..... .....Jan. 19, 1923

LIENS FILED

FRESNO COUNTY

Recorded Amount

Jan. 16, 1923—LOT 1 Olive Sub., Fresno. Western Lumber Co vs Minnie M Bainbridge..... $261

Jan. 17, 1923—LOT 11 BLK 17 Alta Vista Tract, Fresno. L Rosenberg, vs Valley Constr Co.....$173

Jan. 17, 1923—LOT 11 BLK 17 Alta Vista Tract, Fresno. Jack Shelton vs Ralph Watson and Valley Construction Co $180

Jan. 17, 1923—LOT 10 BLK 14, Wilson N. F. Tract, Fresno. Valley Hardware Co vs Valley Constr Co $53

Jan. 17, 1923—LOT 16 BLK 24, Alta Vista Tract, Fresno. L Rosenberg vs Valley Constr Co.....$189

Jan. 17, 1923—LOT 3 BLK 16, Wilson N. F. Tract, Fresno. Valley Hardware Co. $33; L Rosenberg, $196 vs Valley Constr Co.....

Jan. 17, 1923—E ½ OF W ½ OF NE ¼ of NE ¼ of Sec. 11, 14-20, Fresno. L Rosenberg vs Valley Constr Co $68

Jan. 17, 1923—LOT "E" BLK 20, Alta Vista Tct, Fresno. Barrett-Hicks Co, $1168; Valley Hardware Co, $150 vs Valley Constr Co.....

Jan. 17, 1923—LOT 1 BLK 17, Alta Vista Tract, Fresno. Valley Hardware Co vs Valley Constr Co....$60

Jan. 17, 1923—LOTS 21 AND 22 BLK 71, Fresno. L Rosenberg vs Valley Constr Co.....$192

Jan. 18, 1923—LOTS 28 TO 32 BLK 37, Fresno. Gordon Roof & Material Co vs H H Hopkins.....$223

Jan. 23, 1923PTN LOTS 26, 27 and 28 Blk 84, Fresno. Kutner Goldstein Co, $16; Fresno Marble & Tile Co, $325 vs S J Abstract Co and Valley Constr Co .....

Jan. 18, 1923—LOT "B" BLK 20, Alta Vista Tract, Fresno. Electric Constr Co vs Valley Constr Co..$195

Jan. 18, 1923—LOTS 17 TO 20 (except S 100 ft.) Blk 48, East Fresno. M Kellner & Son Lumber Co vs Wm Canan $416

Jan. 18, 1923—N 50 FT. OF S 100 FT. Lots 17 to 20 Blk 48, East Fresno. M Kellner & Son Lumber Co vs Wm Canan $318

Jan. 18, 1923—LOTS 31 TO 38 BLK 3 Sparkman Ventura Tract Addition, Fresno. L Rosenberg vs A D Ward et al $612

Jan. 18, 1923—LOTS 11 AND 12 BLK 17, Alta Vista Tract, Fresno. Gordon Roof & Material Co va R W and J Watson.....$56

Jan. 19, 1923—LOTS 35 AND 36 BLK 2, Oakwood. Sunset Lumber Co vs A H Robinson $221

Jan. 19, 1923—LOTS 45 AND 46 BLK 7, Recreation Park Tract, Fresno. Sunset Lumber Co vs Jas A Wisenor and F B Billings.....$91

Jan. 19, 1923—W ½ OF SE ¼ OF NW ¼ of Sec 12, 14-19, Fresno. Mid-State Pipe & Supply Co vs B Harry Barsam et al $134

Jan 19, 1923—LOT 12 W ½ Lot 11 Blk 17, Alta Vista Tract, Fresno. Bingham-Wenks Planing Mill, $56; Swastika Lumber Co, $319 vs R W and Jennie Watson & Valley Construction Co .....

Jan 19, 1923—LOT "B" BLK 20, Alta Vista Addition, Fresno. C E McMullen, $61; Bingham Wenks Planing Mill, $1215, Swastika Lumber Co, $792; Morius Madsen, $412, Kutner-Goldstein, $33; Craycroft Brick Co, $284 vs W G McCuller and Valley Constr Co.....

Jan. 19, 1923—LOT 16 BLK 24, Alta Vista Tract, Fresno. Craycroft Brick Co, $222; Bingham-Wenks Planing Mill, $2063, C E McMullin, $79, Swastika Lumber Co, $937; Valley Lumber Co, $57; Kutner-Goldstein, $34 vs Jacob Clark and Valley Constr Co .....

Jan 19, 1923—LOTS 17 TO 22 BLK 71 Fresno. Sunset Lumber Co vs Valley Constr Co and Bank of Italy $42

Jan. 19, 1923—LOT 12 W ½ Lot 11 Blk 17, Alta Vista Tract, Fresno. Bingham-Wenks Planing Mill vs R W and Jennie Watson.....$2863

Jan 20, 1923—LOTS 43 & 42 BLK 2 Claremont Park Barrett & Hicks Co $170; M Kellner & Son Lumber Co $46; vs J. E. Hubbard.....

Jan 20, 1923—LOTS 29 & 30 NW 11½ ft of Lot 28 Blk 81, Fresno. Tyre Bros Glass Co vs Adolph Kutner Co & Valley Constr. Co.....$264

Jan 20 1923—LOT 15 BLK 82, Fresno Tyre Bros. Glass Co. vs Jas. T. Tupper et al & Valley Constr. Co.....$68

Jan. 20, 1923—LOT 10 BLK 14 WILson Tract, Fresno. Tyre Bros. Glass Co vs Ben Levy & Valley Constr. Co $75

Jan. 20 1923—LOTS 21 & 22 BLK 71 Fresno. Tyre Bros Glass Co. vs Bank of Italy & Valley Const Co...$538

Jan 20, 1923—W½ OF LOT 11 ALL Lot 12 Blk 17 Alta Vista Tract, Fresno. A. C. Woodstock vs Ralph W & Jennie Watson & J. H. Woodstock $144

Jan 20, 1923—W ½ OF LOT 11 ALL Lot 12 Blk 17 Alta Vista Tract, Fresno Valley Lumber Co, $409; Valley Tile & Mantel Co., $521; vs. Ralph W & Jennie Watson & J. H Woodstock .....

Jan 22, 1923—LOTS 23 TO 26 BLK 314, Fresno. Boulevard Lumber Co. vs. N Brock & Bernadie Fermisen...$64

Jan 22 1923 LOT 11 BLK 17, Alta Vista Tract Fresno. Harris & Pendergrass vs Valley Constr Co. and Ralph and Jennie Watson..$525

Jan 23, 1923—LOTS 42 AND 43 BLK 2 Claremont Park Addn. Fresno. Bingham-Wenks Planing Mill vs J E Hubbard $250

Jan 23 1923—LOT 2, Fresno Heights Tract Sub 1 Fresno L Rosenberg vs C I Leninger $706

Jan 23, 1923 LOT 5 Fresno Heights Tract Sub. 1 Fresno. L Rosenberg vs C I Leninger $691

Jan 23, 1923—LOT 3 Fresno Heights Tract Sub. 1, Fresno L Rosenberg vs C I Leninger $533

Jan. 23, 1923—LOT 4 Fresno Heights Tract Sub. 1, Fresno. L Rosenberg vs C I Leninger $666

Jan 23, 1923—LOT 16 BLK 24, Alta Vista Tract Fresno. Crayecroft-McKinnon Brick Co vs Valley Constr Co and Jacob Clark ..$252

Jan 23 1923—LOT 7 BLK 24, Alta Vista Tract Fresno H M Smith $41; Craycroft-McKinnon Brick Co $241, Harris & Pendergrass $150 vs Valley Constr Co & W McGurie.....

Jan 24 1923—LOT 11 AND 12 BLK 17 Alta Vista Tract Fresno Geo Clemens vs Valley Lumber Co and Ralph and Jennie Watson $453

BUILDING CONTRACTS

SANTA CLARA COUNTY

$1,000 and Over Reported

WAREHOUSE
W McAVOY ST. near San Carlos St., near San Jose. All work for one-story corrugated iron and frame warehouse building.
Owner—Sam Martin, 180 S-Market St., San Jose.
Architect—Chas. S. McKenzie, Bank of San Jose Bldg., San Jose.
Contractor—R. Jorgenson and C. W. Cook, 826 S-Third St., San Jose.
Filed Jan. 19, '23. Dated Jan. 18, '23.
As work progresser..... 75%
Usual 35 days..... 25%
TOTAL COST, $7800
Bond, $4500. Sureties, Anthony Schutte and Garden City Glass Co. by Sylvain Le Deit. Limit, 60 working days. Forfeit, none. Plans and specifications filed.

STORE BLDG.
LOT ON W MURPHY AVE., between Washington and McKinley Aves., Sunnyvale. All work for one-story frame store building.
Owner—M. J. Wright, Wright Bldg., Sunnyvale.
Architect—Chas. S. McKenzie, Bank of San Jose Bldg., San Jose.
Contractor—Geo. D. Huston, 422 Arques St., Sunnyvale.
Filed Jan. 19, '23. Dated Jan. 18, '23.
Frame up $786.25
1st coat inside plaster on.... 786.25
Completed 786.25
Usual 35 days..... 786.25
TOTAL COST, $3145.00
Bond, $1600. Sureties, P. R. Wightman and C. W. Shephard. Limit, 60 working days. Forfeit, none. Plans and specifications filed.

BUNGALOW
LOT 3 F. C. BETHELL SUB. OF BLK. 5 R. 10 S. City of San Jose. All work for one-story duplex bungalow.
Owner—Clara H. McAllister, San Jose.
Architect—William J. Wythe, Central Bank Bldg., Oakland.
Contractor—S. W. Talbot, 108 Broee St., San Jose.
Filed Jan. 17, '23. Dated Jan. 10, '23.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, $7767
Bond, none. Limit, 100 working days. Forfeit, plans and specifications, none.

BUNGALOW
LOT 5 BLK 24, Chapman and Davis Tract, San Jose. All work for four-room frame bungalow.
Owner—Byron F. and Dorethy J. Wrisley, San Jose.
Architect—None.
Contractor—C. V. Brown, 521 N-16th St., San Jose.
Filed Jan. 19, '23. Dated Jan. 5, '23.
Roughly enclosed $500
Brown coat plaster on..... 500
Completed 500
Usual 35 days..... 500
TOTAL COST, $2000
Bond, limit, forfeit, plans and specifications, none.

MFG. BLDG.
LOT 3 BLK 31, University Grounds, near San Jose. All work for one-story frame manufacturing bldg.
Owner—Axford & De Shields Brass Works, San Jose.
Architect—A. J. Nielsen, 156 S-20th St., San Jose.
Contractor—A. J. Nielsen, 156 S-20th St., San Jose.
Filed Jan. 20, '23. Dated Jan. 15, '23.
Foundation completed $675
Roof ready for paper and sidea ready for stucco..... 675
Completed 675
Usual 35 days..... 675
TOTAL COST, $2700
Bond, none. Limit, 30 working days. Forfeit none. Plans and specifications filed.

SCHOOL
PART QUITO RANCH, Saratoga. All work for plumbing in school building.
Owner—Saratoga School District, Saratoga.
Architect—Wyckoff & White, Growers Bank Bldg., San Jose.
Contractor—Wm. F. Serpa, San Jose.
Filed Jan. 15, '23. Dated Oct. 30, '22.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, $3950
Bond, $990. Sureties, J. S. Williams and M. F. Serpa. Limit, 120 working days. Forfeit, none. Plans and specifications filtd.

STEAM HEATING ON ABOVE.
Contractor—E. D. Hooker, San Jose.
Filed Jan. 15, '23. Dated Dec. 5, '22.
Payments same as above.....
TOTAL COST, $1900
Bond, $820. Sureties, Neil Carmichael and D. Carmichael. Limit, 70 working days. Forfeit, none. Plans and specifications filed.

RESIDENCE
HAWKINS RANCH, 9 miles NE of Hollister, Santa Clara County. All brick, carpenter, wiring, plastering and materials for one and one-half story frame residence.
Owner—Herbert A. Schulze, Hollister.
Architect—Wolfe & Higgins, Auzerais Bldg., San Jose.
Contractor—C. B. Younger, Hollister.
Filed Jan. 16, '23. Dated Dec. 27, '22.
Frame up $2068.75
1st coat plaster on..... 2068.75
Completed 2068.75
Usual 35 days..... 2068.75
TOTAL COST, $8275.00
Bond, $4137. Sureties, W. B. Wilde and E. C. Gilbert. Limit, 120 working days. Forfeit, none. Plans and specifications filed.

DWELLING
LOT 16 BLK 10, South Palo Alto. All work except heating and painting for two-story frame dwelling with basement and separate garage.
Owner—Mabelle O. Johnson, Palo Alto
Architect—John K. Branner, 251 Kearny St., San Francisco.
Contractor—Phillip Darr, Mayfield.
Filed Jan. 16, '23. Dated Dec. 1, '22.
Frame up and roof rafters in..$2591
Rough plastering completed and building watertight..... 2591
Completed 2591
Usual 35 days..... 2591
TOTAL COST, $10,365
Bond, none. Limit, 90 working days. Forfeit, none. Plans and specifications filed.

APARTMENT house, two-story, $12,000 Eighth St. near San Carlos St., San Jose; owner, C. H. Bramkamp, 281 S-11th St., San Jose.
ADDITION, $1000; No. 724 Orchard St., San Jose; owner, Troy Laundry, Premises.
COTTAGE, five-room, $4400; 16th St. near Santa Clara, San Jose; owner, T. R. Daugherty, 410 S-14th St., San Jose; contractor, E. A. Roberts.
COMBINATION shop and living rooms, $1500; First St. opp. Edwards St., San Jose; owner, Bruce Barton.
TWO-FAMILY house, one-story, $7545; 10th St. near William St., San Jose; owner, Clara McAllister; architect, Wilson J. Wythe, Central Bank Bldg., Oakland; contracter, S. W. Talbot, 108 Brace St., San Jose.
BUSINESS building, $21,500; San Carlos near First St., San Jose; owner, Wm. Binder, 255½ S-1st St., San Jose; architect, Binder & Curtis, 255½ S-First St., San Jose; contractor, Jorgensen & Thomey, 160 Irving St., San Jose.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Accepted

Jan. 12, 1923—LOT 27 COLE REALTY Co Sub, San Jose. Wm. Regel to whom it may concern....Jan. 10, 1923

Jan. 12, 1923—LOT 25 COLE REALTY Co Sub, San Jose. Wm. Regel to whom it may concern....Jan. 10, 1923

Jan. 12, 1923—PART OF LOTS S & R Grafton Sub of Blk 39 Palo Alto. Edward F. Burkhart to Wells P. Goodenough .....Jan. 8, 1923

Jan. 19, 1923—BLK 56 UNIVERSITY Grounds SW Cor Spring & McKendrie Sts., San Jose. W. A. Gardner to Coast Constr Co.....Jan. 11, 1923

Jan. 12, 1923—PART LOT 62 BLK 4 Palo Alto. Paula Lattimore to Chas. E Morris .....Jan. 10, 1923

Jan. 12, 1923—LOT 23 COLE REALTY Co Sub, San Jose. Wm. Regel to whom it may concern ..Jan. 10, 1923

Jan. 12, 1923—1160 7th St. San Jose. Joseph A. Geraci to whom it may concern .....Jan. 2, 1923

Jan. 13, 1923—PART BLK 83 CITY of P. A. Leslie S. Edwards to Santa Clara Valley Bldg Co....Jan. 12, 1923

Jan. 15, 1923—PART LOT 1 BLK 65 Palo Alto. Soren J. Pors to whom it may concern .....Jan. 11, 1923

Jan. 15, 1923—LOT 3 McCOY ADDition to Naglee Park San Jose, Cal. S. C. Carter vs. F. Neves..Jan. 6, 1923

Jan. 15, 1923—PART LOTS 3 & 18 Block 100 Palo Alto. Gladys Gardner Peterson and Anson S. Peterson to H. A. Spreen.....Dec. 27, 1922

Jan. 16, 1923—LOT 6, BLOCK 9, HANchett Rec. Park, San Jose. Hortance E. Wood to whom it may concern .....Jan. 16, 1923

Jan. 17, 1923—LOT 4 BLOCK 6, HANchett Residence Park, San Jose, Cal. Phillip Blum & Mary J. Blum to Ed Delmaestro.....Jan. 12, 1923

Jan. 17, 1923—SE COR HAMILTON Ave & Bryant St., Palo Alto. Library Board, City of Palo Alto to Barrett & Hilp .....Jan. 3, 1923

Jan. 17, 1923—PART LOTS 15 & 16 Schaad Sub of Blk 33 Reed Addition, City of San Jose. Percy H. Thompson to whom it may concern .....Jan. 15, 1923

Jan. 17, 1923—275 LOCUST ST SAN Jose, Cal. Carl C. Maurer to C. C. Maurer .....Jan. 16, 1923

Jan. 20, 1923—REDDING ST BOUNDed N by A. B. Post & East by J. B. Zellar. Chas. F. Wright to J. E. Perkins .....Jan. 11, 1923

Jan. 18, 1923—LOT 2 BLK 12 HANchett Residence Park, San Jose, Cal. Adolph G. Goldstein to whom it may concern .....Jan. 15, 1923

Jan. 19, 1923—CITY HALL SITE IN Blk 13 (Ramona St) Palo Alto, Cal. Board of Pub. Works, Palo Aalto to Palo Alto Engr. & Construction Co. (note—this notice was filed by contractor).....Jan. 10, 1923

Jan. 19, 1923—N COR FOREST AVE & Middlefield Rd, Palo Alto. May E Tamplin and J. W. Tamplin to J. B. Balcomb (note—this notice filed by contractor) .....Jan. 10, 1923

Jan. 20, 1923—NE COR COWPER ST & Addison Ave, Palo Alto. Janet C. Cobbe to The Minton Company .....Jan. 5, 1923

Jan. 20, 1923—PART LOT 3 BLK 4 N city of San Jose. J. C. Bondi to Hastings Bros. .....Jan. 20, 1923

Jan. 20, 1923—COR RIVER & SAN Fernando Sts., San Jose. Roman Catholic Archbishop of San Francisco to Felix Savio .....Jan. 15, 1923

Jan. 22, 1923—LOT 17 OF SAN JUAN Sub of Leland Stanford Junior University. Joseph S. Davis and Florence D. Davis to Walters & Grove .....Jan. 15, 1923

LIENS FILED

SANTA CLARA COUNTY

Recorded Amount

Jan. 18, 1923—2¼ ACRES OFF S side Lot 4 Albright's Sub of part of Lt 5 Parr Tract in Rcho Rinconada de Las Gatos. J. Lee, $88; George A. Mahoney, $423 vs. L. C. De Bussy and C. E. Bacon .....

Jan. 19, 1923—LOT 23 & 24 BLOCK 16, Hanchett Res. Park, Santa Clara C. F. Keesling vs. Stanley Hiller.. .....$3427.50

Jan. 20, 1923—LOT 1 BLK 1 NO. 2 Burlingame Terrace, Burlingame. R. A. Miller vs Floyd M. Neleer..$770

RELEASE OF LIENS

SANTA CLARA COUNTY

Recorded Amount

Jan. 23, 1923—NW EIGHTH AND Jackson Sts., San Jose. M W Mattos to California Packing Cptn..$160

BUILDING CONTRACTS

SACRAMENTO COUNTY

$2500 and Over Reported

DWELLING, one-story 5-room and garage, $4250; No. 872 41st St., Sacramento; owner, D. Ceppa, 2914 J St., contractor, W. P. Cippa, 2560 27th St., Sacramento.

DWELLING, one-story 5-room and garage, $4500; No. 1308 W St., Sacramento; owner, F. Marino, 900 W St., Sacramento; contractor, C. W. Palmer, 2422 F St., Sacramento.

DWELLING, one-story 4-room and garage, $3000; No. 2488 41st St., Sacramento; owner, W. Pasker, 814½ E St., Sacramento; contractor, E. D. Brier, 813 J St., Sacramento.

BRICK building, one-story, $7500; No. 1309 J St., Sacramento; owner, Wright & Kimbrough, 817 J St., Sacramento.

FLATS, two-story frame and garage, $11,000; No. 2830 F St., Sacramento Owner, J. A. Lardlan, 1833½ K St., Sacramento.

MARKET BLDG., two-story reinforced concrete, $97,600; Ptn Blk J, K, 12, 13, beg at pt intersection of S line of J St. with W line of 13th app. 161.08 ft. to N line of alley, th W along said line of alley 170.90 ft., th N 161 ft. to S line of J St., th E 170.90 ft. to beg., Sacramento; owner, Mrs. L. H. Glide, 160 Ppplands St., Berkeley; architect, Julia Morgan, Merchants' Exchange Bld., San Francisco; contractor, K. E. Parker, 519 California St., San Francisco; recorded Jan. 16, 1923.

DWELLING, one-story 5-room and garage, $3000; No. 3948 4th St., Sacramento; owner, D. E. Vextor, 3960 4th St., Sacramento.

PIERCE-BOSQUIT
Abstract & Title Co.
Capital Stock $100,000
Sacramento, Placerville, Nevada City, Reno
SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

DWELLING, two-story 5-room and garage, $6500; No. 2640 Montgomery St., Sacramento; owner, J. C. Carly Co., 823 J St., Sacramento; contractor, Curtis Oates Co., 1749 Stockton Blvd., Sacramento.

DWELLING, two-story frame, $5000; 1114 24th St., Sacramento; owner, Henry Rubenstein, 1210 16th St., Sacramento; contractor, E. W. Book, 2912 G St., Sacramento.

DWELLING, one-story 5-room and garage, $4500; No. 2000 E St., Sacramento; owner, R. C. Coleman, 2624 35th St., Sacramento; contractor, Coleman & Holmes, 2624 35th St., Sacramento.

DWELLING, two-story 6-room and garage, $7250; No. 2672 Montgomery Way, Sacramento; owner, J. C. Carly Co., 823 J St., Sacramento; contractor, South Curtis Oaks Co., 1749 Stockton Blvd., Sacramento.

DWELLING, two-story 6-room and garage, $6800; No. 2649 Montgomery Way, Sacramento; owner, J. C. Carly Co., 823 J St., Sacramento; contractor, South Curtis Oaks Co., 1749 Stockton Bldd., Sacramento.

FLATS, two-story, $17,287; No. 1045 38th St., Sacramento; owner, S. W. Cross, Forum Bldg., Sacramento; contractor, R. M. Smith, 2633 30th St., Sacramento.

DWELLING, one-story 5-room and garage, $3000; No. 2500 N St., Sacramento; owner, Geo. Atkinson, 615 26th St., Sacramento; contractor, H. M. Earle, 1036 Dolores Way, Sacramento.

DWELLING, 1-story 5-room, and garage, $3950; 3164 T St., Sacramento; owner, F. Maloney, 1801 U St., Sacramento.

DWELLING, 1-story 5-room, and garage, $3200; owner, J. S. Black, 1330 P St., Sacramento; contractor, Thos. B. Hunt, 2926 S St., Sacramento.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Amount

Jan. 20, 1923—ORANGEVALE AVE. Sacramento. Roberts School Dist. .....Jan. 17, 1923

LIENS FILED

SACRAMENTO COUNTY

Recorded Amount

Jan. 19, 1923—W ½ LOT 3, 1, J, 28, 29, Sacramento. L. F. Gould vs Geo. M. & M. C. Crocker.....$3537

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

$2,500 and Over Reported

RESIDENCE, $4700; No. 649 S-Central St., Stockton; owner, Sterling Bldg., Co.; 21 S-San Joaquin St., Stockton.

RESIDENCE, $4700; No. 626 N-Central St., Stockton; owner, Sterling Bldg Co., 21 S-San Jaoquin St., Stockton

RESIDENCE, $5000; No. 421 N-Regent St., Stockton; owner, Sterling Bldg. Co., 21 S-San Joaquin St., Stockton.

THREE residences, $3000 each; No. 601 607 and 611 N-Stockton St., Stockton; owner, Murphy-Hefferhan.

RESIDENCE, $7200; No. 822 W-Willow St., Stockton; owner, F. Paul Dobson, 1045 Vernal Way, Stockton.

RESIDENCE, $4000; 905 West Magnolia, Stockton; owner, J. W. Beandare, Stockton.

REMODEL, $4380; 11 East Main St., Stockton; owner, F. Cochella, 135 S Center St., Stockton.

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded Accepted

Jan. 16, 1923—MANTECA UNION High School Dist. School Home Economics Bldg. Manteca Union High School Dist. to Brown & Stafford .....Jan. 12, 1923

Jan. 16, 1923—MANTECA UNION High School Dist. School Home Economics Bldg. Manteca Union High School Dist. to Brown & Stafford .....April 29, 1922

LIENS FILED

SAN JOAQUIN COUNTY

Recorded Amount

Jan 20, 1923—LOT 11 BLK 107 E OF Center St., Stockton. San Joaquin Brick Co. Inc. vs J. M. Meeker..$34.37

BUILDING CONTRACTS

SAN MATEO COUNTY

BUNGALOW and garage, $5000; Lot 12 Block 35, Easton 2 Drake Ave, Burlingame; owner, W. O. Nicholadies, 218 Peninsula, Burlingame.

BUNGALOW, $4000; Lot 24, Block 36, Easton Vancouver Ave., Burlingame; owner, John F. and Gertrude Meyers; contractor, H. J. Hughes.

BUNGALOW and garage, $4500; Lot 10 Block 59, Easton No. 7 De Soto Ave. Burlingame; owner, E. A. Crawford.

BUNGALOW and 2 garages, $3900; Ptn. Lot 4, Block 26, Easton, Cortez Ave Burlingame; owner, John F. Less.

DWELLING, two-story frame, $13,000; Clark Drive & Costa Rici, San Mateo Park, San Mateo; owner, Ansel Robinson; architect and contractor, H Duserbury

DWELLING, frame, $4500; Lot 13 & 14, Blk 1 San Mateo Park, San Mateo; owner, Charlotte M. Wieland; contractor, H. C. Finnell & Son.

BUNGALOW, $4000; Lot 3 Blk 18, Western Addition, San Mateo; owner, Leadley & Wiseman, 207 2nd St., San Mateo.

BUNGALOW, $4300; Lot 18 BLK 2, San Mateo Heights, San Mateo; owner, Manuel O. Leale, 69 North D St., San Mateo; contractor, Leadley & Wiseman, 207 2nd St., San Mateo.

BUNGALOW, $4500; Lot 3 Blk —, Hay Park, San Mateo; owner, Flora Asworth, contractor, Leadley & Wiseman, 207 2nd St., San Mateo.

BUNGALOW, $4000; Western Addition Ellsworth Ave., San Mateo; owner, Leadley & Wiseman, 207 2nd St., San Mateo.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded Accepted

Jan. 17, 1923—LOT 7 BLK 15 Burlingame Greve, Burlingame. M B Sonè to Oscar L. Cavanaugh....Jan. 1, 1923

Jan. 22, 1923—PTN LOT 22 RESUB of 167 & 168 Sub No. 2 & Lots 86 to 92 Inc. San Mateo Park No. 1. C. Hennick Randall to James Keegan .....Jan. 2, 1923

Jan. 22, 1923—LOT 17 BLK 4 EASTON, Burlingame. F Strasser to whom it may concern.....Jan. 10, 1923

Jan. 22, 1923—NO ADDRESS GIVEN. Moody J. Henry to whom it may concern .....Jan. 22, 1923

Jan. 18, 1923—LOT 225, San Mateo Park No. 3, San Mateo. California Pacific Title Insurance Co to A Mitchel Jackson.....Dec. 30, 1923

Jan. 18, 1923—LOT 10 BLK 38, Lyon & Hoag Sub, Beurliingame. Frences P O'Toole to whom it may concern .....Jan. 13, 1923

Jan. 18, 1923—PTN LOT 155, San Mateo Park No. 2, San Mateo. G S Perham to C H Bessett Bldg Co., Jan. 12, 1923; Joseph Grimes..... .....Jan. 12, 1923

Jan. 23, 1923—LOT 12 & PART 13 Blk T Mission St. South Co. Hemestead Realty Co. to whom it may concern .....Jan. 19, 1923

RELEASE OF LIENS

SAN MATEO COUNTY

Recorded Amount

Jan. 20, 1923—E SIDE ELM ST 137 FT Southerly from SE Cor Elm St & Santa Inez Ave. 50x100, San Mateo. San Mateo Planing Mill Company to George Hording & Chas. G. Adams $552.83

OFFICIAL PROPOSALS

(Continued from Page 17)

NOTICE TO CONTRACTORS

(Butler Section — Salmon River Road)

Sealed proposals for constructing the above named National Forest Development Road, located within the Klamath National Forest, County of Siskiyou, State of California, will be received by the District Engineer, Bureau of Public Roads, U. S. Department of Agriculture, at 881 Mills Building, San Francisco, California, until 2 o'clock p. m., on the 14th day of February, 1923, at which time and place they will be publicly opened and read. The right is reserved to reject any and all bids and none will be considered except from those contractors ascertained to be experienced and responsible.

The project to be constructed is part of the Salmon River Road, located about six miles north of Forks of Salmon along the Salmon River. The length of the project is approximately 4.1 miles and the principal items of work are as follows:

Excavation 103,581 cu. yds.
Class A concrete, 40 cu. yds.
Corrugated metal pipe, 1088 lin. ft.
Log trestle bridge 50 lin. ft.
Log cribbing 75 sq. ft.
Right of way fencing 420 lin. ft.
Hand placed embankment 44 cu. yds.
Cement rubble masonry 320 cu. yds.
Boulder concrete 275 cu. yds.

The work of clearing the right of way has been finished. Construction shall be started within fifteen days after notice so to start has been given the contractor by the District Engineer, which notice will not be given until weather conditions render it practicable to prosecute the work to advantage in the spring of 1923, and shall be completed within 175 weather working days after said notice to start construction has been given. The slides on the present road between Nordheimer and the beginning of this contract will be removed by the Government before the contractor commences work and will not be a portion of this contract.

The contract form, maps, plans and specifications may be examined by responsible contractors at the following addresses:

881 Mills Building, San Francisco, California

Forest Supervisor, Yreka, California.

The Bureau of Public Roads will furnish corrugated metal culvert pipe and Portland cement f. o. b. cars. The Bureau also has available for loan to contractors on a rental basis equipment both on the Salmon River and at Government Island, Oakland, California, as listed in the specifications. Bidder will state in his bid the government equipment that he will use during construction and the minimum time required. The estimated rentals will be deducted from the total of the construction items and award will be made on the bid to the best advantage of the Government.

Plans and specifications will be furnished contracters who contemplate bidding, upon deposit of a check for $10.00 payable to the Secretary of Agriculture of the United States. Check will be held pending return of plans and specifications.

All proposals must be made on forms furnished by the District Engineer, Bureau of Public Roads, and in accordance with the instructions forming a part of the specifications above referred to.

C. H. SWEETSER District Engineer.
January 17, 1923.

BIDS WANTED FOR FLATS

NOTICE TO CONTRACTORS

Sealed bids will be received until **Feb. 15th,** at the office of O. E. Evans, 359 Pacific Bldg., for the general contract according to plans and specifications for a 2-story and basement frame flats, to be erected on the northwest corner of Jersey and Chattanooga Sts. It will be required from the contractor a $10 deposit for plans, returnable when the plans are returned in good condition.

Larsen Construction Reports

Issued every business day of the year. Furnishes advance information on work projected and contracts awarded for all classes of building, street, sewer and highway projects, bridges, dams and harbor works, machinery, etc. Send for rates in your territory, advising class of work in which you are intereated.

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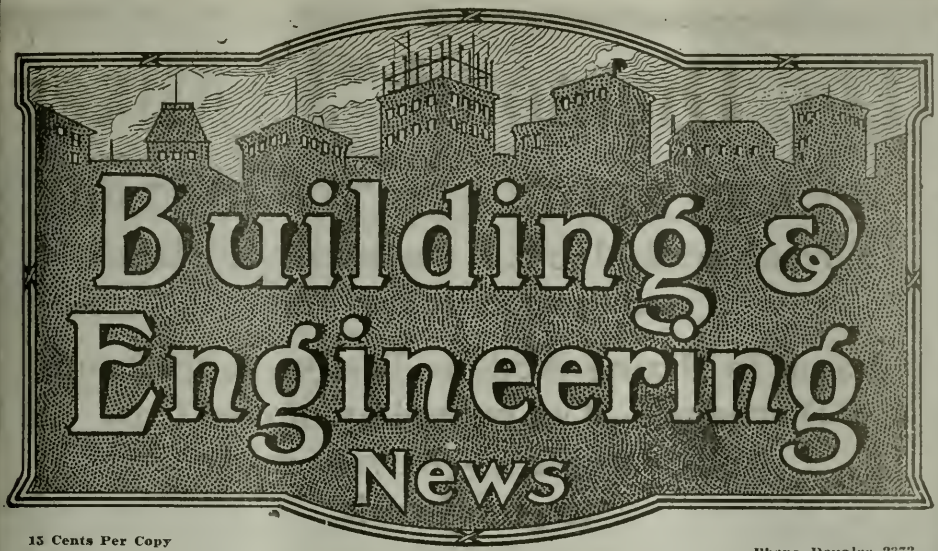

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Published Every Saturday
Twenty-third Year No. 5

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Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday — SAN FRANCISCO, CALIF., FEBRUARY 3, 1923 — Twenty-third Year No. 5

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FIREPROOF SCHOOLS IS AIM OF PROPOSED BILL

Assemblyman John B. Badaracco of San Francisco, is the author of a measure designed to modernize the construction of school houses in California with a view to insuring the safety of children in the event of fire.

Badaracco would have all school buildings three stories or more constructed so as to be strictly fireproof. Those of two stories would be of semi-fireproof construction, while the only wooden structures permitted would be one-story buildings.

Circular or winding stairways would be banned, and a stairway provided for the use of every fifty or fractional number would be required. Other provisions governing the type of boiler and mechanical devices to be permitted are included in the measure.

A penalty of $500 or six months' imprisonment would be fixed for violation of the act.

ENGINEER SUES FOR FEES ON PAVING PROJECT

Suit for $2174.65 against the city of Oustine has been filed in the superior court at Merced by C. C. Kennedy, San Francisco engineer, claimed to be damages alleged due Kennedy as reasonable services performed in street improvements in Gustine.

Kennedy in his complaint alleges that in August, 1920, he was appointed to perform the engineering work in connection with street paving work which the trustees of Gustine had planned and that he performed and was paid for some of the work, and that some of the work was abandoned in August, 1921, after the receipt of bids, and that he performed work in connection with the abandoned paving, and that reasonable value for his work was $1824.65 for one portion of it and $350 for a second portion.

KLAMATH FALLS LUMBER VALUE IS FIVE MILLION DOLLARS

The total lumber production in Klamath County, Ore., in 1922, despite a late start in the industry due to the strike of last Spring and an unfavorable market earlier in the season, was 167,000,000 feet. This is according to estimates filed with the Klamath Falls Chamber of Commerce.

Of this amount, 100,000,000 feet was shipped in the form of box shook and 67,000,000 feet as sawed lumber. The total valuation of the shipments were estimated at approximately $5,000,000.

The sawmill production of the various companies was estimated as follows:

Pelican Bay Lumber Company, 42,000,000; Algoma Lumber Company, 24,000,000; Klamath Lumber and Box Company, 18,000,000; Modoc Lumber Company, 18,000,000; Ewauna Box Company, 18,000,000; Lamm Lumber Company, 10,000,000; Chiloquin Lumber Company, 8,000,000; Sprague River Lumber Company, 4,000,000; Ackley Brothers, 3,000,000; A. E. Kruse, 3,000,000; Nine Lumber Company, 3,000,000; White Pine Lumber Company, 3,000,000; Swan Lake Lumber Company, 3,000,000; George McCollum, 3,000,000; J. J. Steiger, 2,000,000; Parker & Hamaker, 2,000,000; Kirk Lumber Company, 2,000,000; Kitts Lumber Company, 1,000,000.

This represents sawmill production only, and since two-thirds of the shipments were in form of box shook, manufactured in the county, the importance of this branch of the industry becomes apparent. One large sawmill, that of the Big Lakes Box Company, did not operate in 1922.

Approximately 3140 men were employed by the lumber concerns, it was estimated, the Pelican Bay Company leading with 650 men. The Modoc Lumber Company employed 400, Algoma Lumber Company, Ewauna Box Company and Big Lakes Box Company, 350 each; Klamath Lumber and Box Company, 200, and Lamm Lumber Company and Chiloquin Lumber Company, 100 each. The remainder employed less than 100 each.

CONGRESS ASSURES FEDERAL AID FOR TWO MORE YEARS

The appropriation of $50,000,000 authorized by Congress in November for the fiscal year of 1923 has been included in the deficiency appropriation bill recently reported to the House of Representatives. The Federal Highway Act of 1922 carried an authorization of $66,000,000 for Federal Aid highways for the fiscal year ending June 30, 1924. A clause in the Agricultural Appropriation Bill recently passed by the House of Representatives carries a cash appropriation of $29,300,000 for 1924 and obligates the Government to provide an additional $35,700,000 which may be placed under contract before the end of the fiscal year 1924 and which may be paid out of the Treasury in the three years following. Thus $50,000,000 is provided for the current fiscal year and $65,000,000 for the fiscal year 1924.

Those sums have been recommended by the Budget Commissioner and consequently have the approval of the President and the Administration.

In November 1922, Congress authorized an appropriation of $75,000,000 for the fiscal year 1925. This amount will not be appropriated until next year.

ALAMEDA COUNTY WILL BOND FOR OAKLAND TUBE

The Alameda County Supervisors will call an election in April or May to vote bonds of approximately $3,500,000 to finance construction of a tube under the Oakland Estuary at Webster street, Governor Richardson having signed an emergency measure correcting the tube act making it constitutional and giving the Alameda County supervisors exclusive power to act. Doubt is expressed, however, regarding the market for the bonds if voted. District Attorney Decoto of Alameda county is doubtful of the validity of the emergency tube legislation declaring he is not sure that such a measure could rightly be called emergency legislation, as the law declares emergency measures must be in the interests of public health or safety.

Wm. J. Hamilton, chairman of the Alameda County Supervisors, expresses the opinion that since the War Department had declared the present Webster St. bridge a menace to navigation that legislation designed to allow replacement of this bridge could rightly be termed an emergency measure. The views of attorneys of bonding companies will be obtained in an effort to make a salable market for the bonds.

REDDING LIGHT SYSTEM PAYS $29,966 PROFIT

Ernest A. Rolison, city manager of Redding, Calif., in a report to the city council shows that during the year of 1922 and the preceding twenty-five days of 1921, the gross revenue from the municipally owned electric lighting system was $65,785 and the net profits $29,966 or $2300 a month.

The purchase of power from the Pacific Gas and Electric Company cost $22,093. The sum of $4823 was set aside to pay interest on bonds and to allow for depreciation. The cost of operation, material, labor and supplies was $8591, and miscellaneous expenses $458.

The net profits were spent in part as follows: Repaid the amount borrowed from the general fund when the system was purchased, $10,000; returned to purchasers who paid in advance for power $3801; bonds redeemed, $1000; applied on payment for paving lower end of Market Street to a connection with the state highway, $7500; additions and betterments to the city's electrical distributing system, $6699; balance in the profits, $819.

PIER ENLARGEMENTS URGED

Tremendous increases in the business of the port of San Francisco soon will necessitate additional piers. Such was the expression by members of the Maritime and Harbors Committee of the San Francisco Chamber of Commerce at a meeting held to discuss the crowded conditions of piers along the waterfront.

A plan of double decking some of the piers, as a means of relieving the congestion was presented for consideration by the committee of which Captain C. W. Saunders is chairman. The opinion prevailed at the informal discussion that double decking or extensions of present piers would merely be a temporary solution of the problem and that continued growth of traffic will necessitate the construction of several more modern docks.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

Four former officials of the State Highway Commission, N. D. Darlington, Charles A. Whitmore and George C. Mansfield, commissioners, and A. B. Fletcher, chief engineer, were adjudged guilty of contempt of court by the Los Angeles District Court of Appeal and fined $10 each. The imposing of the fines followed conviction on the charge of proceeding with the construction of a proposed new State highway through the Malibu ranch, north of Santa Monica, before the final decree of condemnation had been entered. The action came as the result of the hearing of the suit of Marblehead Land Co., a corporation owning the Malibu ranch, against the Highway Commission and Judge Frank R. Willis of the Los Angeles Superior Court.

James K. O'Brien of Smartsville has been elected permanent chairman of the commission which will have charge of the construction of the uncompleted part of the Garden Highway, connecting Sutter and Sacramento counties by way of Nicolaus and the Natomas Boulevard. John Russi, Sacramento county supervisor, is permanent vice-chairman and John Heiken, Sutter county supervisor, permanent secretary. These three will compose the commission.

Senator Chas. W. Godsil, of San Francisco and M. B. Johnson, of Montara, have introduced a bill to enable formation of a county industrial district, irrespective of county lines, with a view to reclaiming approximately 30,000 acres of tide lands, and at the same time to permit widening and deepening of San Francisco Bay. The measure would give the San Francisco-San Mateo County district the power to levy assessments to finance carrying out of the project for which the district would be created.

Directors of the United States Steel Corporation on January 30 declared their regular quarterly dividends of 1¾ per cent on the preferred stock. The report of the corporation for the quarter showed total earnings of $27,552,-[illegible] and net income of $15,369,829. The balance provided from undivided surplus to pay the dividends was $1,275,-[illegible]

The San Mateo-Hayward Belt Railroad is being organized in San Mateo for the purpose of operating railroad lines across the Little Coyote Point bridge to be constructed by Frank Elbridge Webb and Eastern associates. The railroad company will maintain yards in San Mateo and Hayward and will handle all railroad freight transported over the bridge.

Construction of an apartment building on the State Capitol grounds to house attaches of the Legislature and State employes is proposed in a bill introduced by Senator C. H. Lewis of Los Angeles. An appropriation of $90,-[illegible] is sought to enable the State Department of Engineering to erect the structure.

The activities of the American Trading Company's hardwood department have been taken over by the Caldwallader-Gibson Co., the largest dealers in hardwood on the Pacific Coast, according to word from Seattle.

Fruit Growers Supply Co. of Susanville is planning to build an electric railroad from its plant at Susanville to its timber holdings in the Eagle Lake section. The road would shorten the log hauling from the woods to the plant by six and three-quarter miles. It is proposed to have construction commenced during the Summer and completed by the end of the year.

Vol. 1, No. 3, "The American Plan," a publication issued by the Industrial Association of San Francisco, is off the press. The issue contains articles dealing with Trade Schools and furnishes information as to the latest developments in the furtherance of the American Plan employment system.

In behalf of San Francisco jobbing interests, the traffic bureau of the Chamber of Commerce has asked the Interstate Commerce Commission to suspend a proposed rate consolidating fifty items affecting hardware shipments from Chicago and St. Louis territory. Action followed publication of the consolidated list by the Transcontinental Freight Bureau.

The Contra Costa County Supervisors on February 19 will consider bids for the purchase of the $240,000 bond issue of the Carquinez School District. Proceeds of the sale of the bonds will finance construction of a new school building.

C. W. Farrington, general manager of the Union Construction Co., of Reno, Nevada, has filed application in the district court at Reno for dissolution of the corporation. The petition sets forth that the company has done practically no business since 1910, has never paid a dividend, that all its debts are paid and there is no reason for the company continuing to exist as a corporation.

The Homer T. Hayward Lumber Co., of Salinas has purchased the Central Lumber and Fuel Co., of Santa Cruz. C. H. Griffen, of Paso Robles, will be manager, while Lloyd Hebbron, Salinas, who was in charge of the Hayward Co., will go to Paso Robles, succeeding Griffen.

Active operation in California's newest lumber mill will begin March 1, on the Los Angeles Drydock and Steamship Company's property at San Pedro. When completed the mill will have a capacity of 1,000,000 feet a day. In conjunction will be a box factory, owned by the Los Angeles Products Company. Fred L. Baker is president of the company, a $10,000,000 concern.

The will of Henry H. Lynch, builder of San Francisco street railway systems, has been admitted to probate. His widow, Mrs. Persia Lynch, who is chief beneficiary to the $70,000 estate, is given a family allowance of $500 a month.

The San Francisco Board of Supervisors has authorized the extension of the Municipal Railway system from Sloat Boulevard along Junipero Serra Boulevard into the Ocean View District. An appropriation of $265,000 to finance construction accompanied the authorization.

ALONG THE LINE

Monarch Tractor Co., Watertown, Wis., has issued Bulletin No. 12 containing specifications of the Model Six-Sixty tractor and Bulletin No. 13 featuring the Model C tractor that crawled from Watertown, Wis., to New Orleans, La., a distance of 1,513.3 miles, in 399.5 hours.

M. V. Ayres, statistician and analyist of index, an economic publication of the Associated General Contractors, has resigned to organize a statistical division for the Armstrong Bureau of Related Industries with headquarters at Chicago.

San Rafael will shortly vote on the question of issuing bonds of $500,000 for school improvements; $210,000 for elementary schools and $290,000 for a union high school.

Chico plans a municipal water system. An election will be held March 3 to vote bonds to finance the purchase and improvement of three privately owned systems.

Geo. J. Adams, assistant chief of the State Department of Architecture, has submitted his resignation, effective immediately. Adams intends to go into private business in Los Angeles.

Fletcher Hamilton, state mineralogist and for the past ten years head of the State Mining Bureau, has submitted his resignation, effective February 15.

Diamond Match Co., of Chico, has established a lumber yard at Meridian with Harry Hope as manager.

The Marysville Builders' Exchange has petitioned the city council to appoint a city building inspector.

The 1924 convention of the American Society of Civil Engineers will be held in Pasadena, Calif.

S. F. FIRM AWARDED CONTRACT FOR MANCHURIA WATER AND STREET CAR SYSTEMS

A contract has been signed by the Beckman & Linden Engineering Corporation, Santa Fe Bldg., San Francisco, and representatives of the municipality of Harbin, Manchuria, for the construction of a water works and street car system for 6,000,000 mexican, or approximately $3,000,000 gold, it was announced recently. The work will be completed within two years.

The contract came at the end of three years of negotiation. It calls for 20 miles of street car tracks and 30 cars to connect the three separated units of Harbin. The city itself is a junction point of the Trans-Siberian and East China railroads and has been dubbed the "Chicago of China" because of its strategic trade position.

SMALL HOUSES CAN USE EIGHT-INCH BRICK WALLS

That eight-inch brick walls can be used in one and two family houses having walls under thirty feet high was one of the conclusions reached in a recent extensive investigation of building codes by the Building Code Committee of the Department of Commerce. This conclusion was reached as a result of careful analysis of building codes, of a series of fire tests conducted at the Bureau of Standards, and of a series of strength tests conducted at the same institution. It is expected that this recommendation will result in a substantial saving in construction cost, as the present building codes usually require thicker walls than this. Exception must, of course, be made in regions liable to earthquake shock.

Beginning in July, 1921, the Building Code Committee of the Department of Commerce has been studying and comparing building codes from all over the country as applied to small houses. The Bureau of Standards has been cooperating closely with them and has furnished much of the experimental work on which the findings of the committee are based.

Its work is now completed and is embodied in a publication entitled "Recommended Minimum Requirements for Small Dwelling Construction." This publication has now gone to press and will be ready about February 1. It can then be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C., at 15 cents a copy.

The book begins with a discussion of the origin of the committee and its methods of working. Then some of the more important of its findings are discussed. This is followed by a standard building code which covers the minimum requirements. It is written in such form that it may be adopted without change in wording either as a building code or as an amendment to existing codes. It is intended to serve as a guide and a standard in the formation of local building codes.

The latter part of the book is taken up with an extensive detailed discussion of the recommendations made and the data on which they are based. It is freely illustrated and contains much information of value to architects and builders.

LUMBER SITUATION BRIGHT

The year opened auspiciously for the lumber industry, says the American Lumberman of Chicago. Building outlook is excellent and general situation warrants great expectations. There is a steady stream of inquiries, especially from retail yards, and speedy development of trade on a bread basis is indicated. Industrial requirements are huge and pressing.

Growing scarcity of stock is apt to develop same keen competition among buyers. Market is firm and tends strongly upward. Mills are heavily overbooked, with little to sell. Operations are resumed following customary holiday shutdown for repairs, and capacity production is planned. This, however, will give no relief to the immediate stock situation, as new lumber will not be marketed until some months after its cutting.

The International Association of Master House Painters and Decorators of the United States and Canada has issued two publications, one of which contains studies in their trades for journeymen and apprentices, and the other gives good reasons why young men should learn these trades. These are being widely distributed by that organization.

Pacific Coast Building Totals

Official returns from 194 cities which have submitted building permit figures to the American Contractor during 1922 give a total valuation of $2,549,181,530 for a total of 662,418 building permits issued. This means a 53 per cent increase over statistics for the identical cities during 1921, which in its turn, one year ago, was heralded as breaking all records. The exact figures from these same cities for 1921 are 538,674 permits whose total valuation is $1,663,060,984.

In considering any comparison of the two years, it is necessary to keep in mind the fact that the average of construction costs for this year has been slightly less than that of last year. This year, construction costs have been roughly speaking, 80 per cent above 1913 costs. Last year they were about 90 per cent above. Consequently the actual gain in figures this year means a still larger gain in actual volume.

	Dec. 1922	Dec. 1921	Year 1922	Year 1921
Seattle	$1,792,685	$ 494,835	$ 19,783,835	$12,862,425
Tacoma	114,253	542,297	4,239,028	3,669,082
Portland	808,725	854,055	22,734,600	17,225,576
San Francisco	2,439,658	2,007,705	45,327,206	20,100,066
Oakland	2,070,582	2,149,756	24,468,223	15,791,616
Los Angeles	8,955,597	9,168,851	121,206,787	82,713,386
San Diego	563,276	1,775,711	12,004,036	20,100,066

New York city and Chicago show tremendous gains over 1921. In no city is a recession of activity shown.

Los Angeles, with its total of $121,206,787, has had a remarkable year of construction and ranks third in volume among all the cities of the country, having successfully held its lead over Philadelphia, which had hoped to nose into third position, but which fell a little short with its total of $114,878,540. Detroit took fifth place with $84,615,093 as compared with $58,086,081 in 1921. Boston, with $57,496,972, and Cleveland, with $55,147,972 took sixth and seventh places respectively, while to San Francisco, Baltimore and Pittsburgh, in the order named, go eighth, ninth and tenth places.

December building permit totals of the various cities of the Pacific coast are shown herewith as well as the totals for the year 1922 of the same cities:

COBBLEDICK-KIBBE GLASS COMPANY IN LARGER QUARTERS

The Cobbledick-Kibbe Glass Company wholesale and retail dealers in glass of all kinds and manufacturers of mirrors and art glass, is moving into its new quarters at 666-668 Howard Street. The greatly increased facilities and conveniences available in the new location will enable this firm to carry a much larger stock than was possible under former conditions.

The Cobbledick-Kibbe Glass Company is the distributor for Northern California of the Zouri Safety Store Front Construction for the installation of plate glass, the only copper construction that has ever been approved by the Underwriters Laboratories and which is being used quite extensively throughout the country, officials of the company declare.

Among the recent contracts awarded the Cobbledick-Kibbe Co., is that for the glass work in the Federal Reserve Bank Building now under construction in San Francisco.

The Oakland office of the company has recently completed its new warehouse adjacent to the present buildings at Third and Washington streets.

LUMBER SITUATION

According to "American Lumberman," Chicago lumber trade experienced its usual holiday dullness, although demand remained remarkably strong up to Christmas Eve and is expected to reassert itself even more strongly soon. Business prospects were never better.

City and county retailers expect a large building movement in 1923, and are preparing buying schedules accordingly. Railroads have enormous requirements, while general industrial situation appears favorable. Questions of lumber stocks is becoming problematic. Stocks everywhere are badly depleted and mills are heavily overbooked. By the time they have cleared their files of present orders they will be in the midst of the buying season. A shortage of all popular construction and fabricating items appears likely in the near future.

U. S. CIVIL SERVICE EXAMINATIONS ARE ANNOUNCED

U. S. Civil Service Commission, Main Postoffice Bldg., San Francisco, will hold examinations in the immediate future for the following positions, blanks and further information for which will be furnished on application:

Marble polisher, $840 and bonus per annum; vacancy in the Custodian Service, San Francisco.

Mechanical engineer, $3000 to $5000 a year.

Electrical engineer, $3000 to $5000 a year.

Mechanical and electrical engineer, $3000 to $5000 a year.

Associate mechanical engineer, $2500 to $3000 a year.

Associate electrical engineer, $2500 to $3000 a year.

Associate mechanical engineer, $2000 to $2500 a year.

Assistant electrical engineer, $2000 to $2500 a year.

Vacancies in the Chemical Welfare Service Edgewood Arsenal, Maryland.

Junior aid, grade 1, $540 a year.

Junior aid, grade 2, $720 to $840 a year.

Vacancies in the Scientific Staff of the Bureau of Standards, Department of Commerce, Washington, D. C.

Junior chemist, $1200 to $1800 a year and bonus. Vacancies in the Departmental Service Washington, D. C.

Junior engineer, junior pyrselest and junior technologist, $1200 to $1500 a year plus bonus. Vacancies in the Bureau of Standards, Department of Commerce, Washington, D. C.

FRESNO OFFICIALS HOLD UP FINAL PAYMENT ON SEWER PROJECT

Final payment on the $500,000 sewer project in the southwest section of the city has been withheld by the Fresno City Commissioners, pending legal advice from City Attorney H. M. Johnston as to whether or not a verbal agreement between S. M. Clark, contractor in charge of the work, now said to be bankrupt, could be held binding on Clark.

It is pointed out that at the time of the work in California street, ditching machines owned by Clark, destroyed water drains, and that Clark, through a verbal agreement with the commission, guaranteed to replace the drains. Since Clark is said to have gone into bankruptcy and the drains were put in by the city at an approximate cost of $3000.

ORGANIZATION NEWS

BUILDING TRADES CLASSES PROPOSED BY FRESNO SCHOOL HEADS

Plans for the organization of classes in building trades are being considered by the heads of the Fresno Technical School, according to Principal F. H. Sutton.

The classes, which would be similar to those already inaugurated by the Valley Industrial Association, would include plastering, brick laying, plumbing and house wiring, according to present plans.

The matter is merely under consideration, but a preliminary industrial survey of Fresno will probably be made this Spring in order to ascertain before the Fall term commences what the demands for such classes are.

The matter was discussed by a committee of educators and business men at a recent meeting and this committee is to prepare more definite details.

Among the members of the committee are H. H. Holland, J. W. Hunt, manager of the Valley Industrial Association; A. E. Sunderland, Wheaton Brewer Treffle La Senay, W. J. Cooper, city superintendent of schools; Walter C. Adkins, secretary of the Building Trades Council, and Sutton, principal of the school.

Word has been received from the state department of education, Sutton declares, that half of the salaries of the instructors will be paid by the state.

The reason for the branching out, according to Sutton, is that the mechanical trades already taught at the high school are overcrowded and the students desire to learn trades in which the wages are good.

The plans possibly would call for the student to spend half his school hours in classes, and the rest of the time in his academic or other technical studies, so that the classes would be part of a general technical curriculum.

CONTRACTORS PREPARE FOR ANNUAL MEET AT SEATTLE

Convention of Northwest A. G. C. Members Will Be Held Feb. 9-10

Following the national convention of the Associated General Contractors of America, to be held in Los Angeles Jan. 30-Feb. 2, Eastern contractors will meet with those of the Northwest and journey to Seattle for the Pacific Northwest convention scheduled for Feb. 9 and 10.

All sessions of the Pacific Northwest convention will be held at the New Washington, and aside from the visiting delegations from the East and South, member delegates are expected from Idaho, Oregon, British Columbia and from all sections of the state of Washington.

The program, which is yet in the formative stage, will include many interesting papers and addresses and will afford plenty of time for discussion of problems that concern contractors. Also, plenty of time will be given over the social diversion, permitting the renewal of old acquaintances and forming of new friendships.

On Friday night, Feb. 9, according to present plans, a dinner-dance will be given, at which all delegates and their ladies will be present. On the following night the convention will be concluded with a banquet at the Arctic club, this affair being for men only. The association, on this night, will act as host to all who contributed funds and all visiting contractors who may be in the city at the time.

The committee having full charge of the convention, including the business and social sessions, follow:

General Convention Committee — W. L. Cliat, chairman; Arthur Gerbel, Peder P. Gjarde, H. C. Bromley, William Kelton, Mark Odell, G. J. Kieburtz, A. W. Quist, J. B. Warrack, J. R. Wood, Herman Goetz, J. L. Smith, Clark Nettleton, C. C. Cawsey, S. T. Culliton, Samuel Hedgea, Hans Pederson, Geo. E. Teufel, S. C. Erickson, Tacoma, D. G. Munro, Spokane; H. W. Morrison, Boise G. W. Gauntlett, Hoquiam; J. M. Dougan, Portland.

Finance Committee—G. J. Kieburtz, chairman; Mark Odell, J. L. Smith, H. C. Bromley, Samuel Hedges, Arthur Gerbel, Hans Pederson, C. C. Cawsey, J. B. Warrack.

Program Commitee—J. B. Warrack, chairman; Clark Nettleton, J. R. Wood, G. W. Gauntlett, H. W. Morrison, D. G. Munro, J. M. Dougan.

Entertainment and publicity—Arthur Gerbel, chairman; G. J. Kieburtz, J. L. Smith, A. W. Quist, J. B. Warrack, H. C. Bromley, C. C. Cawsey.

In connection with the national convention at Los Angeles, H. V. Bogert, executive secretary of the Seattle branch, announced Saturday that special railroad rates have been secured from Seattle to Los Angeles. The fare will be: Round trip, $87; lower berths, $14.25; upper berths, $11.40; compartment, $40.50; drawing room, $51, each way; stopovers anywhere, going or coming. Reservations should be made at the Hotel Clark, Los Angeles, where accommodations may be secured at $5 per day for individual rooms. The Clark is the national convention headquarters in Los Angeles.

GET-TOGETHER BANQUET HELD BY BARRETT & HILP

On Wednesday evening, January 10th, the firm of Barrett & Hilp, general contractors, 918 Harrison St., San Francisco, who at present have contracts for numerous buildings under construction in San Francisco, held a "get-together" banquet at the States Restaurant for their superintendents of construction and heads of various departments, to commemorate the first ten years of successful operation in San Francisco. Improved methods of building construction and ideas for promoting harmony between contractors, architects and owners were discussed at length. J. F. Barrett and H. H. Hilp outlined some of their interesting experiences in building construction in the era immediately following the great fire. A spirit of harmony and encouragement for prospects for the coming year characterized the meeting.

SACRAMENTO BUILDERS USE PRINTERS' INK

Sacramento builders believe in printers' ink and plenty of it, according to L. S. Patterson, secretary of the Master Builders' Association of that city. In addition to the individual members of the organization using the newspaper columns the association has a special fund to finance the publication of advertisements in the two leading newspapers. Subjects of three advertisements published to this date are: Building With Confidence; Why A Master Builders' Association; Save Your Dollars or Contracts vs. Day Labor.

"The association has planned a definite campaign covering twelve months" says Patterson, "and during this time will use twelve different advertisements in the two leading newspapers. We propose to remain out of the papers for about two months except for special advertisements and after that time will again use considerable space, one a week for four weeks. Another two month period will elapse and will be followed again by four weeks of advertising."

Secretary Patterson declares the association has heard much favorable comment with respect to the advertising campaign and believes that it assists in commanding respect and in inspiring confidence in the public mind.

CONFERENCE CALLED FOR STANDARDIZATION OF ABBREVIATIONS AND SYMBOLS

The American Engineering Standards Committee, whose machinery during the last four years has been the accepted medium for national standardization of raw materials, industrial processes and manufactured products in the engineering field, has been requested to call a conference to consider the standardization of abbreviations and of the symbols used in engineering equations and formulas.

The conference which will determine whether unification of engineering abbreviations and symbols should be undertaken, and if so, what the scope of such work should be, has been called by the A E S C in response to requests received from the American Institute of Electrical Engineers, the American Society of Mechanical Engineers, and the Association of Edison Illuminating Companies. The conference will meet in the Board Room of the American Society of Mechanical Engineers, Engineering Societies Building, New York City, at 10 a. m., Tuesday, February 13.

U. OF C. ENGINEERS PUBLISH MAGAZINE

The University of California claims the distinction of being the first and only institution west of the Rocky Mountains to publish an engineering magazine financed by students.

The first issue of the "California Engineer," just off the press, was made possible by the efforts of Prof. Sibley of the College of Civil Engineering.

Two seniors in the college of engineering are its editor and managerial editor respectively. Larry Bushmer in the former capacity and Richard Cox in the latter.

Articles of note in this issue are the Pit River Project, the University Memorial Stadium and President David Barrow's appreciation of the students in their co-operation with him as president of the University. It is issued under the jurisdiction of the Associated Students U. of C.

ASSOCIATED CONTRACTORS URGE FRAUD PROSECUTION

Government war fraud indictments and existing immigration laws drew sharp criticism in the opening session in Los Angeles of the fourth annual convention of the Associated General Contractors of America.

Adoption of a committee report condemning "the utter recklessness" of recent Department of Justice action against contractors and others accused of frauds in connection with the con-

struction of army cantonments during the war was accompanied by a demand for the early prosecution of those indicted.

"It would be an outrageous thing for the Government to delay one unnecessary hour," declared Arthur S. Bent, president of the contractors' organization. "If politics or any other sinister motive lies back of the matter we shall see delay after delay in the prosecution. The surest way to uncover the truth is to push hard for immediate action."

GOVERNMENT AGENTS COMPLETE RENO INVESTIGATION

Findings of government agents in regard to the operation of the Reno (Nevada) Builders' Exchange are in the hands of Attorney General Daugherty, United States Attorney George Springmeyer for Nevada announces.

If the attorney general finds, after investigating the report, that the exchange has violated any federal law the case will be presented to the federal grand jury at its next session, Springmeyer says.

A probe of the activities of the exchange was made by the federal prosecutor and special agents of the department of justice, following written charges made by J. H. Cahill in which he declared that he was being hindered in the construction of a hotel building through differences he had had with exchange members.

The placing of the matter before the attorney general came at the request of the builders' exchange, which asked that the case be submitted to the higher authority before any action was taken in Nevada, according to Springmeyer.

McGRUER & SIMPSON OPEN SHOP AND DISPLAY QUARTERS

McGruer and Simpson announce the opening of new offices, display and sample rooms, modeling and casting shop at 266 Tehama street, San Francisco, and extend an invitation to architects, general contractors and prospective builders to inspect the quarters. The company, in the new location, is now equipped to handle any size contract and to execute Scagliola and all artificial marble in plaster effects including Caen Stone and artificial stone.

On a recent visit to San Francisco, Robt. Simpson, a member of the firm, now in Los Angeles handling contracts awarded his company in the southern section, reported an active building program will continue in the south and he expects the activities in Central and Northern California to greatly exceed those of the past year if not to double them.

McGruer and Simpson report rapid progress is being made on the Biltmore Hotel in Los Angeles and expect to complete their portion of the contract ahead of schedule. At the present time the company haa a force of 161 men at work on the project. These include plasterers, hodcarriers, model workers, casters, etc.

McGruer & Simpson are also active in the San Joaquin Valley. At present they are completing the plastering contracts at the Porterville union high school, the Conley school at Taft and the Patterson Block in Fresno in addition to the plastering on the Sparkman Building, the Y. W. C. A. and the million dollar office building in Fresno for the San Joaquin Light and Power Company. The plastering contract for the Bakersfield Masonic Temple is also held by this firm. Another contract being completed by McGruer and Simpson is that for the main banking room of the Bank of Italy Building in Los Angeles. The company reports the completion of the plastering in the Caterers Building in Los Angeles. Both these latter jobs are rich in ornamental plaster.

Code Of Ethics Adopted By Am. Soc. M. E.

Adoption of a code of ethics governing its membership of approximately 20,000 is announced by the American Society of Mechanical Engineers. The code commands loyalty to country, personal honor, fairness to contractors and workers, and interest in the public welfare. Betrayal of professional confidences, undignified or misleading advertising, and questionable professional associations and practices are prohibited.

The text of the code, as given out in New York City by John L. Harrington of Kansas City, now president of the American Society of Mechanical Engineers, follows:

"Engineering work has become an increasingly important factor in the progress of civilization and in the welfare of the community. The engineering profession is held responsible for the planning, construction and operation of such work and is entitled to the position and authority which will enable it to discharge this responsibility and to render effective service to humanity.

"That the dignity of their chosen profession may be maintained, it is the duty of all engineers to conduct themselves according to the principles of the following code of ethics:

"1. The engineer will carry on his professional work in a spirit of fairness to employes and contractors, fidelity to clients and employers, loyalty to his country and devotion to high ideals of courtesy and personal honor.

"2. He will refrain from associating himself with or allowing the use of his name by an enterprise of questionable character.

"3. He will advertise only in a dignified manner, being careful to avoid misleading statements.

"4. He will regard as confidential any information obtained by him as to the business affairs and technical methods or processes of a client or employer.

"5. He will inform a client or employer of any business connections, interest or affiliations which might influence his judgment or impair the disinterested quality of his services.

"6. He will refrain from using any improper or questionable methods of soliciting professional work and will decline to pay or to accept commissions for securing such work.

"7. He will accept compensation, financial or otherwise, for a particular advice, from one source only, except with the full knowledge and consent of all interested parties.

"8. He will not use unfair means to win professional advancement or to injure the chances of another engineer to secure and hold employment.

"9. He will cooperate in upbuilding the engineering profession by exchanging general information and experience with his fellow engineers and students of engineering and also by contributing to work of engineering societies, schools of applied science and the technical press.

"10. He will interest himself in the public welfare in behalf of which he will be ready to apply his special knowledge, skill and training for the use and benefit of mankind."

The joint committee which drew up the code was composed as follows:

American Society of Civil Engineers —C. C. Elwell, New Haven, Conn.; A. M. Hunt, New York.

American Institute of Mining and Metallurgical Engineers — J. Parke Channing and Philip W. Henry, New York.

American Society of Mechanical Engineers—Prof. A. G. Christie, Johns Hopkins University, Baltimore; H. J. Hinchey, Chicago; Charles T. Main, Boston; J. V. Martenis, Minneapolis; Robert Sibley, San Francisco.

American Institute of Electrical Engineers—Prof. Comfort A. Adams, Harvard University; C. Paccioli, Pittsfield, Mass.; George F. Sever, Toronto, Ont.; L. B. Stillwell, New York.

American Society of Heating and Ventilating Engineers—Frank T. Chapman and Perry West, New York; S. A. Jellett, Philadelphia.

S. F. ARCHITECT GUEST AT SEATTLE CONVENTION

An exceptionally interesting session was held in Seattle January 27 and 28, by the Washington State Chapter of the American Institute of Architects.

Approximately 100 architects attended the meet. The business sessions held on Saturday, the 27th, at the College club were enlivened with addresses by men ranking high in the architectural profession. The guest of honor during the convention was Architect W. B. Faville, of San Francisco, national president of the American Institute of Architects. Mr. Faville delivered an instructive talk, touching on many of the problems faced by the architect of today.

Saturday evening theatricals were staged by the students of the architecture of the University of Washington, after which the evening was given over to dancing. Sunday out-of-town chapter members and guests were taken by automobile to visit many of the best examples of architecture in Seattle.

During the business sessions Saturday, reports were read by chairman of the following committees:

Secretary's report; ways and means committee; public information committee; civic design committee; competition committee; exhibition committee; legislative committee; small house committee; membership comittee, educational committee; building industries committee; ordinance committee.

MANTECA ROAD CONTRACTOR TO FACE CHARGES

Formal notification that Spencer D. Miller, Manteca contractor, is in the Yuba County jail, awaiting trial on a charge of obtaining money under false pretenses will be given the National Surety Company of New York, bonding company which is acting as surety for Miller on a contract he has with Yuba county to build a road from Ostrom station to the Arboga section. This is according to a decision arrived at by the board of supervisors at a special session of that body held for the purpose of determining Miller's status under the contract.

The amount of the bond assumed by the company is $19,800, being $9900 for faithful performance of the work by Miller, and $9900 to cover material and labor. In the event of Miller's conviction the bonding company will be called upon to complete the contract, which Miller took, after he had performed work in the Dobbins section.

Miller, it is alleged, turned Yuba County warrants into a Stockton bank, and then, under false misrepresentation, secured money from a Marysville bank on the same paper.

PILING WANTED

Lynn S. Atkinson, Jr., P. O. Box 118, Phoenix, Arizona, is in the market for 10,000 sq. ft. of interlocking sheet piling, long lengths and heavy section preferred. Quote immediately, giving full information as to condition, length, size, previous use, price, etc.

Building News Section

APARTMENT HOUSES

To Be Done By Day's Work.
APARTMENTS Cost, $20,000
SAN FRANCISCO, SW Clement St. & 27th Ave.
Two-story and basement frame (6) apartments.
Owner—Thos. Hamill, 6140 Geary St., San Francisco.

To Be Done By Day's Work.
APARTMENTS Cost, $20,000
SAN FRANCISCO, S Union St., 187-6 W Larkin
Three-story and basement frame (12) apartments.
Owner—Axel A. Johnson, 632 Belvedere St., San Francisco.

Bids In.
APARTMENTS Cost, $25,000
SAN FRANCISCO, N Geary 177-6 W Fillmore.
Three-story and basement frame (7) apartments.
Owner — Milford & Margerie Schord, 2901 Buchanan.
Architect—E. H. Denke, 1307 Hyde St.

Owner Taking Segregated Figures.
APARTMENTS Cost, $18,000
SAN FRANCISCO, E Buena Vista 78 S Waller.
Three-story and basement frame (6) apartments.
Owner—A. Katz, 261 Valencia St., S. F.
Architect—G. A. Berger, 261 Valencia St., San Francisco.

Plans Being Prepared.
APT. HOUSE Cost, $250,000
SAN FRANCISCO, NW Geary & Leavenworth.
Six-story and basement reinforced concrete apt. house (150 rooms).
Owner—A. P. Rousseau, 110 Sutter St., San Francisco.
Architect—D. C. Coleman, 110 Sutter St. Plans will be ready for segregated bids in about two weeks.

Contract Awarded.
APARTMENTS Cost, $35,000
OAKLAND, Alameda Co., Cal. W Terrace St. 85 S Mather.
Three-story frame apts. (except wall beds, stoves, carpets, linoleum, chimney and tile work)
Owner—Myron M. Routt, 1565 Oak St., Oakland.
Architect — Guy Lynn Rosenbrook, Edith near Moraga Road, Oakland.
Contractor — Alex. F. Marshall, 1136 10th Ave., Oakland.

Contractor Taking Sub-Figures.
APARTMENTS Cost, $100,000
SAN FRANCISCO, SE STOCKTON & Pine Streets.
Four-story and basement reinforced concrete apartments.
Owner—S. T. Meyer.
Architect—Herman Barth, Phelan Bldg. San Francisco.
Contractor—John Spargo, Russ Bldg., San Francisco.
Plumbing to Frank J. Klimm.
Electrical work to Atlas Elec. Co.
Mill work to Acme Mill & Lumber Co.
Plastering—Bids in.
Bids are now being taken on glass roofing, painting, finish hardware, hardwood floors, etc.

Bids In.
APT. FLATS Cost, $20,000
SAN FRANCISCO, SE Geary & 27th Ave
Two-story and basement frame store & apt. flats (3 stores & 4 apts).
Owner—K. Kippel, San Leandro.
Architect—G. A. Berger, 261 Valencia San Francisco.

To Be Done By Day's Work.
APARTMENTS Cost, $18,000
OAKLAND, Alameda Co., Cal., N College Ave., 120 S Alcatraz.
Two-story frame (22) apartments.
Owner—M. D. Nichols, 338 63rd St., Oakland

Plans Being Figured.
STORE & APTS. Cost, $80,000
OAKLAND, Alameda Co., Cal., SE Telegraph Ave and 23rd St.
Six-story brick and steel store and apartment house (15 2 & 3-room apartments).
Owner—R. E. McMahon.
Architect—Clay N. Burrell, First Trust Bldg., Oakland.

Contract Awarded.
STORE & APTS. Cost, $18,000
SAN FRANCISCO, Geary bet. 17th and 18th aves.
Two-story frame store and apts. (brick veneer) 2 apts. and 2 stores.
Owner—Jacob Weissbein.
Architect—H. C. Baumann & Ed Jose, 251 Kearny St., S. F.
Contractor—Meyer Bros., 5326 Geary St., San Francisco.

Plans Being Prepared—Figures To Be Taken In Two Weeks.
APT. HOUSE Cost, $42,000
OAKLAND, Alameda Co., Cal., near Lake Merritt.
Three--story frame and stucco apartment house (12 2 & 3-room apts.).
Owner—Withheld.
Architect—Guy Lynn Rosebrook, 1424 Franklin St., Oakland.

Plans Being Prepared—Figures To Be Taken In Two Weeks.
APT. HOUSE ... ...Cost, $36,000
OAKLAND, Alameda Co., Cal., Lake District.
Three-story frame and stucco apartment house (8 2 & 3-room apts.).
Owner—Withheld.
Architect—Guy Lynn Rosebrook, 1424 Franklin St., Oakland.

Contract Awarded.
APARTMENTS Cost, $43,000
SAN FRANCISCO, SW 3rd & Perry Sts.
Three-story & basement brick (14) apts
Owner—E. Lobree, Rm 711, 110 Sutter St., San Francisco.
Architect — Albert W. Anderson, 110 Sutter St., S. F.
Contractor—Finn Anderson, 180 Jessie St., San Francisco.

Contract Awarded.
APT. BLDGS. Cost, $1200 each
OAKLAND, Alameda Co., Cal., S Bay View 300 & 389 W Elliott.
Two 2-story 16-room frame apartment buildings.
Owner—David Barnes, 1534 Franklin Oakland.
Contractor — California Building Co., 1534 Franklin St., Oakland.

Contract Awarded.
APT HOUSES Cost, $15,000 each
Garages $1000 each
ALAMEDA, Alameda Co., Cal. Park Ave
Three 2-story 16-room frame apartment houses and 3 garages.
Owner—Max Claussenius, 1813 Alameda Ave., Alameda.
Contractor Harry C. Knight, 2265 Powell Blvd., Alameda.

Plans Being Figured.
APT. HOUSE Cost, $50,000
SAN FRANCISCO, S Jackson E Broderick.
Four-story reinf. conc. apt. house (6 7-room apartments).
Owner—Dr. John J. Kingwell.
Architect—H. C. Baumann & Edw. W. Jose, 251 Kearny St., S. F.
Figures are being taken for a general contract.

Plans Being Prepared—To Be Done By Day's Work.
APTS & STORES Cost, $17,000
SAN FRANCISCO, Anza and 4th Ave.
Three-story frame and stucco apts & stores (6 apts.)
Owner—E. J. Wade.
Architect—H. C. Baumann & Edw. W. Jose, 261 Kearny St., S. F.

Owner Taking Sub-Figures
APT. HOUSE Cost, $50,000
SAN FRANCISCO, SW Filbert & Polk Streets.
Three-story frame and brick veneer apt. house.
Owner—M. Vukicevich, 180 Jessie St., San Francisco.
Architect—H. C. Baumann & Edw. W. Jose, 251 Kearny St., S. F.
Contractor—Vukicevich & Bagge, 180 Jessie St., S. F.

Plans Being Prepared—To Be Done By Day's Work.
APARTMENTS Cost, $35,000
SAN FRANCISCO, Steiner St., bet. Golden Gate Ave. & McAllister St.
Three-story and basement frame and stucco apartments.
Owner—D. J. Clancy, 2884 Folsom St., San Francisco.
Architect—H. C. Baumann & Edw. W. Jose, 251 Kearny St., S. F.

Plans Being Prepared.
APTS & STORE Cost, $30,000
SAN FRANCISCO, W Valencia bet. 16th and 17th Sts.
Two-story frame and stucco apt. and store building (8 2-room apts.).
Owner—Jacob Weissbein.
Architect—H. C. Baumann & Edw. W. Jose, 251 Kearny St., S. F.

Plans Being Prepared.
STORE & APTS. Cost, $30,000
SAN FRANCISCO, 10th Ave & Geary St.
Three-story frame and stucco store and apt bldg. (8 3-room apts).
Owner—Jacob Weissbein.
Contractor—H. C. Baumann & Edw. W. Jose, 251 Kearny St., S. F.

SEATTLE, Wash.—Architect John A. Creutzer, Leary Bldg., Seattle, taking bids for six-story and basement steel frame, brick and terra cotta apartment house to be erected at 5th Ave., and Cherry St., for Collins Estate; will contain 107 apartments, eight three-room and balance 2-room. Separate bids are desired for heating, plumbing and electric work.

PASADENA, L. A. Co., Cal.—Postle Co., archts., 633 Can Nuys Bldg., L. A., is preparing plans for a 10-story class A, own-your-own-apt. house to be erected on Colorado St., Pasadena. It will be class A constr. and will cost $1,250,000. The project is being promoted by Ellis Bishop & Co., of Pasadena.

SAN FRANCISCO—Architect Milton Latham, 454 Montgomery Street, has awarded a contract to J-- Greenback, 371 Waller St., at $13,530 for the plastering for a 6-story and basement apt. now under construction on SW Geary and Jones Sts. S. & G. Gump Realty Co. is the owner.

MARTINEZ, Contra Costa Co., Cal.—Fred Martens, care Martinez Market plans the erection of a $30,000 apartment house at Main and Talbart Sts. Site is 100 by 100 ft. Type of construction not yet determined.

PORTLAND, Ore.—Architect John H. Grant, Henry Bldg., shortly takes bids for 155-room reinforced concrete apartment house to be erected for Jason Moore at E-20th and Madison Sts. Will contain 66 apartments of 2, 3 and 4 rooms; est. cost, $200,000.

Same archt. preparing preliminary plans for 216-room apartment house to be erected in Irving St., near Sandy Blvd. Will have 200-ft. frontage with two wings each 157 ft. long; est. cost $300,000.

Same archt. preparing plans for 3-story and basement reinforced concrete 18-apartment building for S. K. Brown, at 21st and Marshall Sts., est. cost $40,000. Will be 60 by 90 ft. containing 3 and 3-room apartments.

BANKS

Contract Awarded.
BANK BLDG. Cost, $19,213
PARKSPUR or San Anselmo.
One-story brick branch bank.
Owner—Bank of San Anselmo.
Architect—S. Heiman, 57 Post St., San Francisco.
Contractors—Cochrane, Grant & Boehm Call Bldg., San Francisco.

OAKLAND, Alameda Co., Cal.—The F. J. Walker Company has awarded contract to the California Artistic Metal and Wire Co., 351 7th St., S. F., for the ornamental iron and bronze work in connection with the construction of a 17-story class A bank and office building on the east side of Broadway 55 N 12th St., Oakland. The Oakland Bank is the owner. Contract price $44,694. Plans were prepared by Archts. Reed and Corlett, Oakland Bk. of Svgs., Oakland.

BONDS

REDONDO, L. A. Co., Cal.—An election will be held Feb. 16 in Redondo Union high school dist. to vote on a $195,000 bond issue for additional high school facilities. Trustees, O. N. Tomlinson, G. S. Thatcher, R. E. Matteson, Mrs. Emily Duffy and George H. Anderson.

SAN RAFAEL, Marin Co., Cal.—Election will be called to vote bonds of $500,000 to finance school improvements; $210,000 for elementary schools and $290,000 for a union high school.

ESCONDIDO, San Diego Co., Cal.—Escondido Mutual Water Co., has voted to issue 200,000 additional shares to raise $150,000 for improvements to the company's irrigating system.

SANGER, Fresno Co., Cal.—Bond election for $95,000 for municipal improvements including storm and sanitary sewer system failed to carry on January 23.

SANGER, Fresno Co., Cal.—Voters of Sanger have rejected the proposed $95,000 municipal bond issue to build a city hall and fire house, to purchase a modern fire-fighting equipment and to extend the storm and sanitary sewer system.

SAN DIEGO, San Diego Co., Cal.—Library trustees have asked city council for a bond issue of $250,000 to build additions to the main bldg. and numerous branch structures.

VENICE, L. A. Co., Cal.—City trustees have aproved a bond proposition of $1,600,000 for municipal improvements to be submitted at charter election, February 20. Included in the issue are the following items: $300,000 for a new outfall sewer system, $350,000 for harbor development, $250,000 for a civic center, $350,000 for a municipal water system, $200,000 for extension of Winward Av. along the lagoon, $100,000 for fire system improvement and $100,000 for an electrical distributing system.

LOVELOCK, Nevada.—Proposition to vote bonds of $40,000 in Lovelock Drainage District No. 1 fails to carry by one vote. Another election will probably be called. Bonds were to finance lowering of outlet of lake to prevent overflow of the old lake bottom when excess waters of the Humboldt river flow into the old lake bed.

SAN DIEGO, San Diego Co., Cal. — City Engr. H. N. Savage presented a request to the council to have a $400,000 bond issue on the ballot at the coming primary election, to provide funds for the construction of a new pipe line into the city from Lower Otay dam and the filtration plant. The council approved the plan.

VENTURA, Ventura Co., Cal.—Chamber of Commerce has approved the plan to issue $250,000 bonds for a municipal water system. Members of the committee in charge are: J. S. Blackstock, George Power asd Charles Petit.

DELANO, Kern Co., Cal.—Bonds of $45,000 voted to finance extensions to municipal water works.

CARSON CITY, Nevada.—Recommendation is made proposing a bond issue for $100,000 to finance completion of the state prison buildings. Funds would be expended as followa: $12,132 to complete the first floor cell house, dining hall, trustees quarters, prisoners kitchen, refrigerator room and commissary, together with storage space without equipment. To complete the second and third floors of the cell house with locking devices, $27,478. The fourth floor of the cell house, including new locking devices, $13,294.07. Equipment estmiates are listed as followa: Prisoners' dining hall, $425.50; prisoners' kitchen, $3220; refrigerator room, $2367.50; commissary store room, $1983.75, (including some construction work); prisoners' locker room, $833.75; new bakery with old ovens, $546.25; prisoners' outside lavatory, $649.76. An estimate of $32,265 has been placed on completion of the yard walls, making a complete enclosure, and on a building to house the heating and water plant. The new heating plant with radiation for four floors of the cell house will cost $15,339. A proposed water system with pump and tank will cost $4000.

MARTINEZ, Contra Costa Co., Cal.—Until Feb. 19, bids will be received by county supervisors for the purchase of the $240,000 bond issue of the Carquinez School District; proceeds of sale to finance construction of a new school, plans for which are being completed by A. A. Brown, 120 Market St., San Francisco.

WOODLAND, Yolo Co., Cal.—County supervisors sell $95,000 bond issue of Esparto High School District for premium of $3725; proceeds of sale to finance new high school. W. H. Weeks, architect, 369 Pine St., San Francisco. Bids will be advertised for shortly.

PLACERVILLE, El Dorado Co., Cal.—Feb. 3 is date set to vote bonds of $160,000 to finance construction of new high school. Preliminary plans for the structure have been prepared. Frederick Harrison, Peoples Bank Bldg., Sacramento, is the architect.

CHICO, Butte Co., Cal.—Election will be held March 3 to vote bonds to finance purchase of three privately owned water systems, $275,000 for Chico Water Supply Co., $43,000 for Chico Vecino Water Co., and $6000 for White Water Co. Funds will also be provided for extensions and improvements to all three systems. F. S. Robinson, city eng.

SACRAMENTO, Cal.—City Commission will call election to vote bonds of $2,000,000 a portion of which will be used to finance construction of municipal auditorium. H. G. Denton, city clerk.

MODESTO, Stanislau Co., Cal.—Until Feb. 14, bids will be rec. by supervisors for the purchase of the $175,000 bond issue of the Modesto City School District; proceeds of sale to finance school improvements, plans for which are being prepared by Archt. W. H. Weeks, 369 Pine St., San Francisco.

JOOST BROTHERS
Builders' Hardware
Tools, Etc.
(Members Builders' Exchange)
1053 MARKET ST.
Phone Market 891 San Francisco

SAN BERNARDINO, Cal.—Bonds of $140,000 voted to finance construction of additions to standing school buildings.

OROVILLE, Butte Co., Cal.—Election will be held Feb. 23 in Thermalito Irrigation District to vote bonds of $270,000 to finance construction of works.

DELANO, Kern Co., Cal.—Voters ratified the municipal bond issue of $60,000 of which $45,000 will be used for additions to the municipal water systef and $15,000 for the purchase of modern fire-fighting equipment. The new fire equipment to be purchased by the city will include a combination pumping, hose and chemical engine, which will be motor propelled. W. E Reid is City Clerk.

SANGER, Fresno Co., Cal.—Bonds for the amount of $95,000 for municipal improvements including fire fighting equipment failed to carry on Jan. 23.

SAN RAFAEL, Marin Co., Cal.—Bids will be received by the Board of Directors of the Marin Municipal Water District on Feb. 20, 1923, 7 p. m., for the purchase of water works improvement bonds to the amount of $150,000.

SUSANVILLE, Lassen Co., Cal.—Election will be held Feb. 6 to vote bonds of $40,000 to finance construction of sewer system and disposal plant. Previoua bond issue carried but was ruled invalid.

SACRAMENTO, Cal. — Bond election will be called to vote $2,000,000, portion of which will finance the removal of the Y St. levee bet. 10th and 21st Stt., construct subway at 16th St., (½ to be paid by S. P. R.R.); improving streets fronting city property; paving and extending main routes of travel leading into city; extending water mains to annexed territories; reconstructing sewers. Albert Givan, city eng.

SACRAMENTO, Cal. — Election will be called to purchase lands for park improvements. H. G. Denton, city clerk.

CHURCHES

Plans Being Prepared.
CHURCH Cost, $16,000
HAYWARD, Alameda Co., Cal. B St. near First.
One-story frame and stucco church.
Owner — First Church of Christ Scientist, Calvin P. Hinds, First Reader, Hayward.
Architect—Ellery, Frost & Lewis, Merchants Nat'l. Bank Bldg., S. F.

PASADENA, Los Angeles Co., Cal.—Architect Cyril Bennett, 313 Kendall Bldg., Pasadena, has been commissioned to prepare plans for remodeling a church building and erecting a 2-unit Sunday school section for the Lake Avenue Methodist Church, Pasadena. The present First Methodist Church, a gift, will be moved to the Lake Ave. church property at Holliston and Colorado Sts., the present Sunday school quarters will be separated, and the auditorium windows will be remodeled. A 2-unit Sunday school section of artificial stone construction connected with a cloistered areaway will be added. Total cost of operations, $130,000.

FACTORIES & WAREHOUSES

Contract Awarded.
FACTORY Cost, $15,061
OAKLAND, Alameda Co., Cal., NE 19th and Union Streets.
One-story concrete and steel factory.
Owner—United Autograph Register Co Chicago
Contractor — Walter Murch, Federal Bldg., Oakland.

Contract Awarded.
FACTORY BLDG. Cost, $19,750
SAN FRANCISCO, S Brannan W 3rd St
Two-story and basement class C factory building.
Owner—Lurie Co., Mills Bldg., S. F.
Architect—S. Heiman, 57 Post St., San Francisco.
Contractor—J. Martinelli, 180 Jessie St., San Francisco.

Excavating Contract Awarded.
FACTORY Cost, $80,000
SAN FRANCISCO, NE Second and Brannan Streets.
Two-story and basement Class C factory building.
Owner—Los Angeles Soap Co.
Architect—W. H. Crim Jr., 425 Kearny St., San Francisco.
The excavating contract has been awarded to H. N. McClure at $2555. Contracts on the balance of the work will be awarded shortly.

Plans Being Figured.
PAINT SHOP Cast, $——
SAN FRANCISCO. S Grove 105 E Van Ness Avenue.
One-story brick paint shop building.
Owner—D. Zelinsky & Sons, 420 Turk St., San Francisco.
Architect—S. Helman, 57 Post St., San Francisco.

Contractors To Take Sub-Figures.
WAREHOUSE Cost, $60,000
SAN FRANCISCO, 17th & Arkansas Sts.
One-story reinforced concrete warehouse 100x200.
Owner—Real Estate Development Co.
Lessee — Marshall & Stearns, Phelan Bldg., S. F.
Designer—Marshall & Stearns.
Contractor—Geo. Wagner, 251 Kearny St., San Francisco.
The electrical work will be done by H. S. Tittle and the plumbing and heating by Jas. Pinkerton.
Sub-bids will be taken for the roofing sheet metal work, steel sash, etc.

Plans Being Prepared.
WAREHOUSES Cost, $60,000 ea.
SAN FRANCISCO, Vicinity of 17th and Arkansas.
Two 1-story reinforced concrete warehouse buildings.
Owner—Real Estate Development Co.
Contractor—Geo. Wagner, 251 Kearny St., San Francisco.

Contract Awarded.
ADDITION Cost, $40,700
SACRAMENTO, Sacramento Co., Cal., adjoining present plant of owner.
Reinforced concrete addition to ice plant.
Owner—Consumers Ice & Cold Storage Company.
Engineer—Gay Engineering Co., S. F.
Contractor — Daniel R. Wagner, Call Bldg., San Francisco.

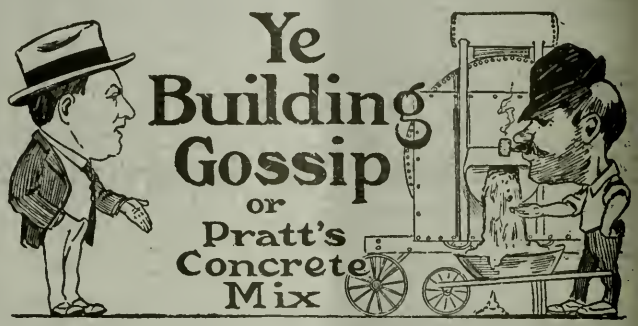
Sub-Contracts Awarded.
FACTORY Cost, approx. $170,000
EMERYVILLE, Alameda Co., Cal., 12 acres bet. Powell and 62nd Sts.
One and two-story fireproof insulator factory (first unit).
Owner—Westinghouse Elec. & Mfg. Co., First Natl. Bank Bldg., S. F.
Architect — Bernard H. Prack, Pittsburgh, Penn.
Contractor—R. McLeran & Co., Hearst Bldg., San Francisco.
Steel to Judson Iron Works.
Reinforcing steel to Truscon Steel Co.
Electric work to Advance Elec. Co.
Painting to R. Zelinsky.
Plumbing, heating and sheet metal wk. to Latourrette-Fical Co., of Sacramento.
Glass to W. P. Fuller Co.

Low Bidder
ADDITION Cost, $12,920
SAN FRANCISCO, 187 Shipley St., adjoining.
Two-story reinforced concrete addition to candy factory.
Owner—Withheld.
Architect—O'Brien Bros., 315 Montgomery St., San Francisco.
Lessee — Townsend's Glace Fruit Co.,
Low Bidder—O. C. Holt, 180 Jessie St., San Francisco.
The Mission Concrete Co. submitted the next lowest bid at $12,990. Bids ran up to $14,500.

Work Started.
PLANT BLDGS Cost—
PITTSBURG, Contra Costa Co., Cal.
Group of five steel and corrugated iron steel plant bldgs.
Owner—Columbia Steel Cptn, Balboa Bldg, San Francisco.
Engineer—Eng. Dept. of owners.
Contractor — Union Construction Co., Key Route Fill, Oakland.
This contract is for the erection of the frame and walls. Other work will be done by the owner.

SANTA BARBARA, Santa Barbara Co., Cal.—City council has issued a permit to Shell Co. of Calif. for a filling station to be erected on the water front and said to be one of the largest ever built in the state. The bldg., which will be of mission style, will cost $30,000 and about $70,000 in other improvements and equipment.

YUBA CITY, Sutter Co., Cal.—King Food Products Co., Salem, Ore., acting through the National Commercial Co., has abandoned its plan to erect a dehydrating plant in Sutter county and has withdrawn all stock sold in Yuba and Sutter counties. Company engineers will seek a new location.



CALIFORNIA STATE LIBRARY
Milton J. Ferguson, State Librarian Mabel R. Gillis, Assistant Librarian
Sacramento

January 20th, 1923.

Clarence Sandy Pratt,
Dispensor of Enthusiasm
and Good Cheer.
Dear Sandy:

I haven't met you, but I certainly want to, when you come up Wednesday, for I want to express in person just how much I appreciated that copy of the Daily Pacific Builder.

In the endeavor to pull a summer parade in winter, we have been going it night and day, and the particular day your "Concrete Mix" arrived I had reached that point where you would be willing to be hit by a Ford if it would only hit hard enough to knock you out completely.

When I came to my desk about ten-thirty that night I saw the paper lying there. I listlessly opened it, and read your KCB-like article.

Candidly, I doubt if you can realize just how it affected me. I cannot analyze it, other than to say that it seemed just as though somebody else was just as intensely interested in this work of keeping alive the old traditions of the Days of Forty-nine as were the others here. And when you mentioned Forest Hill, and your old coat, and the 65-year-old hat from Shasta, and parading up and down Market St. and into the Palace Hotel in them, well, I knew you were one of us, body and soul, and it is going to be a real pleasure to meet you Wednesday.

I can't make any definite appointment for that day as I shall probably try being in four places at once, so try the State Library if you have time, if not, you will have no difficulty in finding me at the Plaza between one and two. Just come right up and make yourself known, and join right in with the rest of the whiskerinos.

Most cordially Yours,
HARRY C. PETERSON.

HARRY PETERSON'S letter is worth.
• • •
ITS WEIGHT in gold ('49).
• • •
IT IS the nicest letter.
• • •
EVER WRITTEN.
• • •
TO CLARENCE Sand Pratt, President.
• • •
OF THE Pratt Building Material Co.
• • •
DOUGLAS 300—"easy to remember."
• • •
K. C. B. receives thousands.
• • •
OF LETTERS of all kinds.
• • •
BUT HE is a paid writer.
• • •
WHILE SANDY Pratt.
• • •
IS ONLY a producer.
• • •
OF SHARP, clean sand.
• • •
AND HAS to buy this space.
• • •
OR NO one.
• • •
WOULD EVER see his stuff.
• • •
BUT SPEAKING of the '49 days.
• • •
AND "DISCOVERY Day."
• • •
THERE IS something exciting.
• • •
ABOUT "THE days of old."
• • •
THE DAYS of gold.
• • •
THE DAYS of '49."

THAT SANDY Pratt.
• • •
CAN'T KEEP away from it.
• • •
AND SANDY'S 50-year-old coat.
• • •
AND SANDY'S 65-year-old hat.
• • •
COULDN'T BE bought.
• • •
FOR A million carloads.
• • •
OF PRATT'S sharp, clean sand.
• • •
"I THANK you."

A photograph of Sheriff Sharp of Sand County on the American River, taken on January 24, 1848, or 75 years before Clarence Sand Pratt, of the Pratt Building Material Co., appeared in Sacramento in his '49 suit or uniform or whatever you might call Sandy's garb or makeup.

Plans Being Prepared—Figures To Be Taken in a Few Days.
WAREHOUSE Cost—
SAN FRANCISCO, Capp St. near 16th St
One-story brick warehouse.
Owner:—Lachman Bros.
Architect—S. Helman, 57 Post St., S. F.

MONTEREY, Monterey Co., Cal. — Fitch Tractor Co., Big Rapids, Mich., plans to establish a tractor plant in this city. Local interests have subscribed $12,000 to bind proposal of the company to locate.

ASTORIA, Ore.—Crystal Ice and Cold Storage Co., Portland, has purchased site at 21st and Commercial Sts., and will erect $40,000 ice cream plant. Will be 1½-story high, 50 by 100 ft.

EXETER, Tulare Co., Cal.—J. W. C. Pogue, local packer and grower, is promoting a pre-cooling plant for Exeter, and is signing up growers so that work can start at once and complete by middle of April. Est. cost, $100,000.

NEEDLES, San Bernardino Co., Cal. C. A. Fellows, Central Bldg., Los Angeles, has been awarded a contr. to erect an ice plant at Needles for the Santa Fe Railway Co. Reinf. concr. constr., struc. steel, cork insulation; $200,000.

LOS ANGELES, L. A. Co., Cal.—Union Pac. Railroad, 643 Pac. Elec. Bldg., L. A., have prepared plans, and are taking general bids to close Feb. 13, for the erection of a group of railroad shop bldgs., at Camfield Ave. and Telegraph Rd. To consist of power house, 2-story, 40x114 ft., oil house, 1-story with pump pits, 36x112 ft., steel roof trusses, frame constr., galv. iron walls and roof; store house, 2-story, 42x252 ft., frame constr., galv. iron exter., comp. rf.; car repair shop, 1-story, 80x281 ft., wood roof trusses, corru. iron exter. and rf.; blacksmith shop, 2-story, 155x342 ft., corru. iron walls and rf., steel frame; boiler shop, frame constr., 195x254 ft., 61 ft. high, concr., and mastic fl., comp. rf., corru. iron exter., toilet and locker rm., 20x80 ft., rustic exter., metal shingle rf., 200 lockers, shower baths, conc. fl., round house, brick, 50 stalls, conc. and gravel fls., tar and gravel rf., 105 ft., with 100 ft. conc. turntable; all bldgs. throughout to have steel sash, wire glass and conc. found., elec. traveling cranes; $500,000.

SPOKANE, Wash.—Hedlund Box & Lumber Co. will erect $100,000 mill plant for which plans have been completed. D. C. Hedlund, president of company.

ASTORIA, Ore.—Union Oil Co. will erect a $500,000 plant in this city. The announcement was made following visit of group of company officials.

HANFORD, Kings Co., Cal.—Southern California Edison Co. will expend $60,000 for improvements in this city, $31,500 of which will finance a substation, storehouse and garage. F. S. Hamilton is manager of the company in Hanford.

FRESNO, Fresno Co., Cal.—Sunshine Bakeries Co., Ed. Morris, president and general manager, has purchased site 160 by 100 ft. at southeast corner of Van Ness and California and will erect a $75,000 baking plant. Structure will be two stories in height, 150 by 80 ft., of reinforced concrete and steel construction. Equipment to be installed will bring the cost of the structure to $125,000.

DAVIS, Yolo Co., Cal.—Construction of a new engineering building at the University Farm will be recommended by a committee appointed by the United Chambers of Commerce of the Sacramento Valley. V. W. Cooley, of Yuba City, is a member of the committee.

ORLAND, Glenn Co., Cal.—H. Sans of Orland, has purchased a lot on Walker street and will erect a one-story reinforced concrete building for a dying and cleaning establishment.

TURLOCK, Stanislaus Co., Cal.—The Central California Ice Co., Fresno, will erect a $45,000 ice plant at South First and D Streets. Will have daily capacity of 30 tons.

EUGENE, Ore.—H. E. Poe, Eugene timber operator, plans early construction of a new sawmill with 40,000 ft. daily capacity at Nekoma on Coos Bay branch of the Southern Pacific R.R. San Francisco capital is interested.

ORLAND, Glenn Co., Cal. — Stockholders of Orland Cheese and Butter Co., have voted to complete ice plant to 5-ton per day capacity with additional quarters for cold storage. Directors of company are: W. G. Gurnett, president; L. W. Wigmore, vice president and J. N. Cook, secretary.

DALLAS, Ore.—Oscar Holmas, Dallas, Ore., has contract to erect 45-ft. addition to machine shop of Dallas Machine and Locomotive Works. Additional contracts awarded company requires larger quarters.

NORTH SACRAMENTO, Cal.—North Sacramento Chamber of Commerce, recently organized, backs movement to locate almond plant in this city. H. A. Brown, vice president of Chamber, is prime mover in movement.

FLATS

To Be Done By Day's Work
FLATS Cost, $12,000
SACRAMENTO, Sacramento Co., Cal.
Two-story frame 4 flats and garage (5 rooms).
Owner—A. E. & J. A. Saunders, 2810 I St., Sacramento.

To Be Done By Day's Work.
FLAT BLDGS. Cost, $10,000
SAN FRANCISCO, NW Church and 26th Street & SW Church & Army St.
Two 2-story and basement frame flat bldgs. (4 flats each)
Owner—Ward C. Brown, 2945 Harrisoon Street, S. F.

To Be Done By Day's Work.
FLATS Cost, $12,500
SACRAMENTO, Scto. Co., Cal., 2518 N Street.
Two-story frame & stucco flat bldg. (4 4-room flats).
Owner — J. P. Perfenrath, 2516 "N" St., Sacramento.

Contract Awarded.
FLATS Cost, $12,000
SAN FRANCISCO, SE Anza and 24th Avenue.
Two-story & basement frame (4) flats.
Owner—Wm. McDonald, 6140 Geary St. San Francisco.
Contractor—Thos. Hamill, 6140 Geary St., San Francisco.

Contract Awarded.
FLATS Cost, $12,500
SAN FRANCISCO, E 27th Ave 100 S Clement.
Two-story & basement frame (2) flats.
Owner—Wm. Spreen, Jr., 2nd Ave. & Clement St., S. F.
Contractor—W. C. Boswall, 2764 McAllister St., San Francisco.

Plans Being Figured.
FLAT BLDG. Cost, $10,000
SAN FRANCISCO, S Geary nr. 2nd Ave.
Two-story frame store and flat bldg. (1 6-room flat.)
Owner—C. W. Hayward.
Architect—H. C. Baumann & Edw. W. Jose, 251 Kearny St., S. F.

A. E. Leitch Fred Clark
CLARK & LEITCH ROOFING CO.
Successors to E. S. Warner
Office and Warehouse:
1116 SECOND ST., SACRAMENTO
Phone Main 726

Contract Awarded.
FLATS Cost, $10,750
SAN FRANCISCO, S Union 162 W Baker
Two-story & basement frame (2) flats.
Owner—Anna Bussenius.
Contractor—W. W. Rednall, 2500 Filbert St., S. F.

To Be Done By Day's Work.
STORE & FLATS Cost, $20,000
SAN FRANCISCO, SE Geary St. & 23rd Avenue.
Two-story and basement frame store and 3 flats.
Owner—Robt. H. Smith, 180 Jessie St., San Francisco.

GARAGES

Contract Awarded.
GARAGE Cost—
BERKELEY, Alameda Co., Cal., Shattuck Ave. from Parker to Carlton streets.
One-story reinforced concrete commercial garage and auto sales bldg.
Owner—John Havens, Berkeley.
Architect—Jas. W. Plachek, 2014 Shattuck Ave., Berkeley.
Concrete work and reinforcing steel to F. E. Nelson, 3090 King St., Berkeley, $22,850.
Structural steel to Janson Iron Works, 6408 San Pablo Ave., Oakland, $23,100.
Lathing & plastering to Wm. Makin, 1048 Excelsior St., Oakland, $5582
Four steel rolling doors to H. W. Cookson, S. F., $1326.
Carpentry & Mill Work to Barrett & Hilp, 918 Harrison St., S. F., $9440
Brick and tile work to Herbert Beckwith, 351 12th St., Oakland, $1225
Roofing to National Roofing Co., 4057 San Pablo Ave., Oakland, $2100.
Plumbing to Chas. W. Knights, 1919 University Ave., Berkeley, $1720.
Sheet metal work to Pacific Metal Products Co., 2nd & Madison Sts., Oakland, $834.
Painting to Steven Philip, 1215 Peralta Ave., Berkeley, $1170.
Glass & glazing to W. P. Fuller & Co., 10th and Alice Sts., Oakland, $4700.
Electrical work to F. E. Newbery Elec. Co., 417 Webster St., Oakland, $1973
Steel sash to Truscon Steel Co., 527 10th St., San Francisco, $363.
Bars to Kawneer Mfg. Co., $1973.

Contractors Want Sub-Bids.
GARAGE Cost, $125,000
SAN FRANCISCO, SW Fell and Gough Streets.
Two-story reinforced concrete Class B garage, 192x120.
Owner—Louis R. Lurie Co.
Lessee—Pacific Telephone & Telegraph Company.
Architect—O'Brien Bros., 240 Montgomery St., San Francisco.
Contractor—Vukievich & Bagge, Room 212-14 185 Stevenson St., S. F.
Elevator awarded to Van Emon Elev. Co., Inc., at approx. $5000.

Contract Awarded.
GARAGE Cost, $10,000
SACRAMENTO, Sacramento Co., Cal. No. 1114 Twenty-first St.
One-story brick garage.
Owner—Thos. McConnell, 817 4th St., Sacramento.
Architect—None.
Contractor—W. C. Keating, Capitol National Bank Bldg., Sacramento.

Plans Being Prepared.
GARAGE, ETC. Cost, $15,000
MARTINEZ, Contra Costa Co., Cal. Sixth and Ward Sts.
Two-story brick, hollow tile or frame and stucco auto sales and garage building.
Owner—D. Mendel.
Architect—W. A. Doctor, 417 15th St., Oakland.
Plans will be ready for figures in about ten days.

Plans Being Figured.
AUTO SERVICE STATION Cost, $10,000
OAKLAND, Alameda Co., Cal. Diamond Ave. and Hopkins St.
One-story reinforced concrete auto service station, 60x95.
Owner—Dades & Aymar.
Architect—Geo. O'Brian, Bacon Bldg., Oakland.
Figures are being taken for a general contract and will be opened in about ten days.

Plans Being Figured—Bids Close Jan. 30, 1923.
GARAGE Cost, $——
ORLAND, Glenn Co., Cal. Fifth and Swift Streets.
Reinforced concrete garage, 80x100.
Owner — Grant & Goldstein (Ford Agents), Orland.
Architect—Not Given.

Plans Will Be Ready For Figures In Two Weeks.
GARAGE Cost, $50,000
STOCKTON, San Joaquin Co., Cal. Hunter and Channel Streets.
One or 2-story reinforced concrete garage 100x80x150.
Owner—Henry Cowell Estate, W. H. George, mgr., 2 Market St., S. F.
Architect — Henry H. Meyers, Kohl Bldg., San Francisco.

GOVERNMENT WORK AND SUPPLIES

WASHINGTON, D. C.—Following is a complete list of bids received by Quartermaster General, U. S. Army, Munitions Bldg., Washington, D. C., for the construction of buildings and utilities for the U. S. Veterans' hospital at American Lake, Wash. The contract was awarded to Hurley-Mason Co. Gasco Bldg., Portland, Ore., at $1,397,000.

Bid 1. Sound Construction and Engineering co., 1009 Lowman Bldg, Seattle, Wash.

2. Grant, Smith & Co., 944 Henry Bldg., Seattle, Wash.

3. W. F. Kuchara & Co., 625 Hubbell Bldg., Des Moines, Iowa.

4. Dougan & Chrisman, 301 Hinckley Bldg., Seattle, Wash.

5. Hurley-Mason Co., Gasco Bldg., Portland Ore.

6. A. W. Quist Co., Seattle, Wash.

7. Guy F. Atkinson, 308 Chamber of Commerce, Portland, Ore.

8. W. D. Lovell, 1415 St. S. E., Minneapolis, Minn.

9. Campbell Building Co., Salt Lake City, Utah.

Item 1. To complete all buildings and utilities, excepting railroad spur—Bid 1 $1,376,261; 2, $1,740,550; 3, $1,543,000; 4, $1,444,512 deduct $16,000 for using standard Dennison terra-cotta tile; 5, $1,397,000; 6, $1,386,104; 7, $1,684,000; 8, $1,535,400; 9, $1,677,899.

2. Administration building No. 1—Bid 1, $21,000; 2, $26,791; 3, $21,685; 4, $21,011; 5, $21,100; 6, $22,000; 7, $20,000; 8, $26,000; 9, $25,000.

3. Mess hall building No. 2—Bid 1, $225,700; 2, $278,214; 3, $219,415; 4, $224,949; 5, $220,000; 6, $235,571; 7, $250,000; 8, $258,000; 9, $270,000.

4. Mess and kitchen building No. 3—Bid 1, $83,900; 2, $104,806; 3, $89,493; 4, $90,335; 5, $88,500; 6, $91,560; 7, $95,000; 8, $94,000; 9, $96,000.

5. Disturbed patients' building No. 4—Bid 1, $81,300; 2, $96,051; 3, $80,832; 4, $78,034; 5, $83,600; 6, $76,731; 7, $94,000; 8, $94,000; 9, $98,000.

6. Tuberculosis cottage No. 5—Bid 1, $52,600; 2, $64,062; 3, $57,547; 4, $52,928; 5, $53,000; 6, $54,364; 7, $56,000; 8, $59,700; 9, $63,000.

7. One continued treatment building No. 6 or 7—Bid 1, $78,000; 2, $92,366; 3, $77,261; 4, $76,433; 5, $74,900; 6, $79,998; 7, $87,000, 8, $83,000; 9, $90,000.

8. Nurses' quarters No. 8 — Bid 1, $75,800; 2, $92,296; 3, $80,913; 4, $76,000; 5, $77,700, 6, $84,693; 7, $85,000; 8, $90,000; 9, $94,000.

9. Recreation building No. 9—Bid 1, $47,500; 2, $50,467; 3, $38,905; 4, $46,707; 5, $45,800; 6, $46,927; 7, $50,000; 8, $51,000; 9, $57,000.

10. Commanding officers' quarters No. 10—Bid 1, $17,300; 2, $17,343; 3, $14,400; 4, $17,585; 5, $14,600; 6, $15,335; 7, $15,500 8, $17,700; 9, $19,000.

11. One double staff quarters No. 11—Bid 1, $23,200; 2, $28,044; 3, $22,069; 4, $23,527, 5, $22,300; 6, $24,560; 7, $25,000; 8 $27,000, 9, $28,000.

12. One double assistant staff quarters, Nos. 12, 13, 14 or 15—Bid 1, $27,600, 2, $23,720; 3, $18,972; 4, $20,000; 5, $20,300; 6, $21,663; 7, $21,000; 8, $19,500; 9, $23,000.

13. Female attendants' quarters No. 16—Bid 1, $30,900; 2, $36,226; 3, $29,200; 4, $29,957, 5, $29,500, 6, $30,946; 7, $35,600, 8, $36,000; 9, $37,000.

14. Male attendants' quarters No. 17—Bid 1, $35,100, 2, $44,965; 3, $32,973; 4, $35,218, 5, $36,400; 6, $39,183; 7, $39,000; 8, $42,000, 9, $42,000.

15. Vocational shops, building No. 18—Bid 1, $14,000; 2, $16,492; 3, $16,302; 4, $12,007; 5, $14,100; 6, $13,600; 7, $14,000; 8, $17,000; 9, $17,000.

16. Laundry, garage and shops, buildings Nos. 19 and 20—Bid 1, $33,900; 2, $40,810; 3, $34,733; 4, $32,667; 5, $36,600; 6, $34,390; 7, $39,000; 8, $15,000; 9, $40,000.

17. Storehouse and refrigeration buildings, Nos. 21 and 22—Bid 1 $36,100; 2, $59,800; 3, $58,200; 4, $49,358; 5, $57,500; 6, $57,780; 7, $55,000; 8, $43,000; 9, $90,000.

18. If galvanized iron and tin are used in place of copper deduct—Bid 1, $6000; 2, $9000; 3, $7200; 4, $7000; 5, $5000; 6, $6000; 7, $7000; 8, $4500; 9, $6500.

19. If metal base is used in place of cement base add to Item 1—Bid 1, $13,500; 2, $16,000; 4, $13,500; 5, $3000; 6, $14,947; 7, $4000; 8, $5000; 9, $40,000.

20. If fly screens are installed add to Item 1—Bid 1, $8000; 2, $16,084; 3, $15,000; 4, $12,250; 5, $10,700; 6, $12,176; 7, $15,000; 8, $15,000; 9, $17,000.

21. If wood stave pipe are substituted for iron pipe deduct—Bid 1, $6000; 2, $15,000; 3, $10,500; 4, $10000; 5, $9000; 6, $9500; 7, $9000; 8, $10,000; 9, $9000.

22. If concrete roads are substituted for bituminous macadam roads add—Bid 1, $1000; 2, $9000; 3, $8000; 4, $6000; 5, $10,000; 6, $7000; 7, $15,000; 8, $2000; 9, $7000.

23. If the railroad spur, including electrification and the extension of ties and rails and wiring inside of the boiler house is constructed add—Bid 1 $21,600; 2, $13,656; 3, $22,000; 4, $21,000; 5, $24,000; 6, $14,000; 7, $25,000; 8, $20,000; 9, $40,000.

24. If the light colored local granite is used in lieu of stone add to or deduct from—Bid 1, $4500; 4, no change; 5, no change; 6, deduct $500; 7, deduct $300; 8, $1000.

25. If hard mastic flooring is used in lieu of linoleum flooring add—Bid 1, $1400; 4, no change; 5, $1500; 6, no change; 7, add $1800 for linoleum, 3-16-in.; 8, $2500; 9, add $2240.

26. If concrete stack is used in lieu of brick stack add to or deduct—Bid 1, no change; 3, $2000; 5, $600; 6, add $500; 8, deduct $350; 9, add $1000.

27. If a recording punch register is installed in office of medical officer in charge instead of a visual indicator deduct—Bid 1, $150; 2, $140; 4, $140; 5, $140; 6, $140; 9, deduct $100.

28. Unit Prices—

Linoleum—Bid 1, $2.50; 2, $1.13; 3, $2; 4, $1.75; 5, $2.30; 6, $1.90; 7, $2.25; 8, $-.50; 9, $2.

Hard mastic flooring—Bid 1, $2.16; 3, $2.30; 4, $1.75; 5, $2; 6, $1.90; 7, $3.15; coleum, 3-16-in.; 8, $2.50; 9, $1.80.

Excavation—Bid 1, 75c; 3, $1; 4, 60c; footings $1, pipe trench, $1.50; 5, $1; 6, $1; 7, $1.50; 8, $1.50; 9, $1.35.

Grading—Bid 1, 75c; 2, 75c; 4, 60c; 5, 70c; 6, 60c; 7, 75c; 8, $1; 9, $1.15.

Concrete roads—Bid 1, $2.80; 2, $2.25; 4, $2.25; 5, $2.50; 6, $2.25; 7, $3.50, 8-in. 8, $3; 9, $3.

Bituminous macadam roads—Bid 1, $3; 3, $1.70; 4, $1.73; 5, $1.90; 6, $1.65 7, $2.10, 5½-in gravel, 2½-in asphalt and concrete; 8, $2.60; 9, $2.63.

Concrete sidewalks—Bid 1, $2; 2, $1.80; 3, $2; 4, $1.80; 5, $1.80; 6, $1.80; 7, $2.25; 8, $3; 9, $2.80.

Concrete (mass)—Bid 1, 10; 2, $10; 3, $10; 4, $7.75, no forms; 5, $12; 6, $10.35; 7, $14; 8, $14; 9, $9.40.

Reinforced concrete—Bid 1, 11; 2, $11; 3, $18; 4, $8.50, no forms; 5, $20; 6, $20; 7, $22.50; 8, $35; 9, $10.32.

Lewis Roofing and Asbestos Works

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Phone Sutter 6700

Branch—2022 University Ave.,
Berkeley—Phone Berk. 4360

Roof Paints—Roofing Repairs
Shingle Metal Gravel

Asbestos and Magnesia Steam Pipe and Boiler Covering

Reinforcing steel—Bid 1, $66; 2, $67; 3, $70; 4, $64; 5, $61; 6, $60; 7, $75; 8, $135; 9, $70.

Structural steel—Bid 2, $100; 3, $125; 5, $110; 6, $120; 7, 110; 8, $180; 9, 110.

Brick—Bid 1, $36; 2, $42; 3, $17; 4, $42; 5, $52; 6, $38; 7, $55; 8 ,$50; 9, $21.

8-in T. C. wall tile—Bid 1, 45c; 2, 48c; 3, 50c; 4 51c; 5 ,60c; 6, 45c; 7, 65c; 8 75c; 9, 40c. 12-in. do—Bid 1, 65c; 2, 72.5c; 3, 60c; 4, 77c; 5, 90c; 6, 70c; 7, 95c; 8, $1.20; 9, 57.5c. 4-in. T. C. partition tile—Bid 1, 20c; 2, 22c; 3, 20c; 4, 20c; 5, 25c; 6, 20c; 7, 25c; 8, 35c; 9, 21.5c.

Time—Bid 1, begin 30 days, complete 365 days; 2, begin 30 days, complete 645 days; 3, begin 15 days, complete 400 days; 4, begin 10 days, complete 450 days; 5 ,begin 10 days, complete 260 days; 6, begin 10 days, complete 300 days; 7, begin 15 days, complete 540 days; 8, begin 15 days, complete 450 days; 9, begin 30 days, complete 340 days.

Plans Being Figured—Bids Close Feb. 28, 1923, 11 a. m.
EXTENSION Cost—
MARE ISLAND, Cal.
One-story extension to shell house and magazine (hollow tile and concrete pile foundation, etc.) Spec. 4742.
Owner — U. S. Bureau of Yards and Docks, Navy Dept.
Architect—Owner.
Plans may be obtained from Mare Island on a deposit of $10.

WASHINGTON, D. C.—Vilter Mfg. Co., 935 Clinton St., Milwaukee, Wis., at $17,670 submits low bid to Bureau of Yards and Docks, Navy Department, under Spec. 4735, for refrigerating and ice-making plant at Pearl Harbor, T. H. Other bids: Walker Oliund, 820 Pukoi St., Honolulu, T. H., $18,796, 150 days; Shipley Constr. & Supply Co., 42d and 2d Ave., Brooklyn, $35,125, 150 days.

WASHINGTON, D. C.—Bids are being received by Bureau of Supplies and Accounts, Navy Department, for fur. and del, supplies to Navy Yard, as follows (dat for opening bids as noted at end of each paragraph):

Schedule 450, for various navy yards, 221,000 lbs. white lead in oil; for Mare Island and Puget Soundfi 129,000 lbs. white lead in oil; for Puget Sound, 16,000 lbs. red lead in oil; for Mare Island, 56,000 lbs. dry red lead; opening Feb. 13.

Schedule 451, for Puget Sound, 6,000 sq. yds. medium linoleum, Feb. 20.

Schedule 452, for Mare Island, 800 bleached cotton spreads.

Schedule 459, for Mare Island, 7,000 yds. furniture covering, Feb. 20.

Schedule 461, for Mare Island, 200 cylinders C. O. 2, Feb. 13.

SAN PEDRO, L. A. Co., Cal.—Harbor Engr. J. W. Ludlow has been instructed to prepare plans and estimates for a marine quarantine station to be erected on the southeast end of Dead Man's Island. Authorization by War Dept. is expected any day. The cost will be about $30,000. The construction of this bldg. will make Los Angeles a port of entry.

YOSEMITE VALLEY, Cal.—In the appropriation for the Yosemite National Park for the fiscal year beginning July 1, 1923, $70,000 will be spent for improvements including the following work. Further information may be obtained from Edwin J. Symmes, Architect, Yosemite Park.

New administration building...	$35,000
Installation of additional comfort stations and sewer connections at public camping grounds	25,000
Erection of women's dormitory unit	4,500
Rewiring two miles of transmission line	3,000
Beginning of erection of ranger station and administrative units in Tuolumne Meadows..	2,500

WASHINGTON, D. C. — Bureau of Yards and Docks, Navy Department, is preparing Specification No. 4755 for 3-phase, 60-cycle, 220-volt electrical equipment for an existing 20-ton direct current electric traveling bridge crane or, as an alternative, a new 15-ton crane, with 3-ton auxiliary. Prospective bidders may file applications for plans for which $10 deposit is required.

FORT MASON, Cal. — Bids were opened on Jan. 26 by the U. S. Constructing Quartermaster office for plastering the non-commissioned officers' quarters at Letterman General Hospital, San Francisco.

I. L. Todd	27c sq. yd.
A. Knowles	30c sq. yd.
Fletcher (labor & plaster)	70c sq. yd.

WASHINGTON, D. C.—Cornell & Rauch, National City, Calif., awarded contract at $13,925 (time, 110 days) by Bureau of Yards and Docks, Navy Department, under Specification No. 4741, to erect garage, construct sewer and pavement and fence at San Diego Naval Base.

OGDEN, Utah.—Until Feb. 28, 2 p. m., bids will be received by Purchasing Agent, U S. Forest Service, for fur. and del. No. 9 and No. 12 galv. iron telephone wire. Further information and blanks for bidding will be furnished on request to above.

WASHINGTON, D. C.—Bids will be asked in the immediate future by the Bureau of Yards and Docks, Navy Dept. under apec. No. 4770, to construct storehouse for paints and oils at (destroyer base) San Diego, Calif. Structure will be one story high, having concrete spread footings, concrete ground floor, steel frame, wood roof deck with built up roof covering, corru. galv. sheet steel siding, steel sliding doors, wood aash, electric lighting and fire protection systems. The major portion of the steel frame and all the corru. sheet steel siding will be furnished by the Government; considerable refabrication work by the contractor will be required on structural steel furnished by the Government. Prospective bidders may file applications for plans for which $10 deposit is required.

DENVER, Colo.—Joshua Hendy Iron Works, Sunnyvale, Calif., at $4,800 submits low bid to U. S. Reclamation Service for fur. geared gate hoists and operating machinery. Othe bids were: The Denver Engineering Works Co., Denver, Colo., $8,000; The Vulcan Iron Works Co., Denver, $10,047; The Stearns-Rogers Mfg. Co., Denver, $7,200; Ogden Iron Works, Ogden, Utah, $7,640; McGann Mfg. Co., Inc., York, Pa., $6875; Steacy-Schmidt Mfg. Co., York, Pa., $8,500.

WASHINGTON, D. C.—Following is a list of prospective bidders for work under the jurisdiction of the Bureau of Yards and Docks, Navy Department:

Crane Equipment: Puget Sound, Wash., Navy Yard, date for opening bids not set, Specification No. 4755: Cutler-Hammer Mfg. Co., 50 Church St., New York City; Shepard Electric Crane & Hoist Co., Lexington Bldg., Baltimore; Manning, Maxwell & Moore, Inc., 119 W. 40th St., New York City.

Water Supply System, Tiburon, Calif., bids open Feb. 7, Specification No. 4716: De Ward & Cobham, Granger Bldg., San Diego.

Shell House and Magazine Extension, Mare Island Navy Yard, bids open Feb. 28, Specification No. 4742: Johns-Manville, Inc., 500 Post St., San Francisco, Calif.; Circle Constr. Co., 59 Pearl St., New York City.

Paint Storehouse, San Diego, Calif., date to open bids not set, Specification No. 4770: W. B. Kyle & Co., 648 Call Bldg., San Francisco; Circle Construction Co., 50 Pearl St., New York City.

For work under jurisdiction of Supervising Architect's Office, Treasury Department, following is a list of prospective bidders:

Post Office, Nogales, Arizona, bids open Feb. 19: Charles Weitz Sons, Des Moines, Iowa; Devault & Deitrick, Canton, Ohio; Wm. MacDonald Constr. Co., 428 Odd Fellows Bldg., St. Louis; Tuscon Builders Exchange, Tucson, Arlz.; Algernon Blair, Montgomery, Ala.; Circle Constr. Co., 24 Stone St., New York City; W. D. Lovell, 1415 8th St. S. E., Minneapolis, Minn.; English Constr. Co., 15 W. 91st St., New York City; H. S. Corbett, Tucson, Arlz.; Pearce Bros., Inc., 220 W. 42d St., New York City.

Post Office, Cordova, Alaska, bids open May 10: Devault & Deitrick, Canton, Ohio.

CALIFORNIA—The sum of $334,000 will be available in the next two years for construction in the Sequoia and General Grant National parks, according to an announcement of the Kings River Parks Co. It is expected that the Federal Government will meet this expenditure with funds to finance roads, etc. Preliminary plans provide for an expenditure of $125,000 to enlarge the Giant Forest lodge in Sequoia Park; $15,000 for housekeeping camps; $7000 for warehouse; $8000 for garage and service station; $5000 for baking plant; $4000 for laundry and $11,000 for temporary lighting system. In General Grant Park funds will be used as follows: $45,000 to enlarge camp, $7000 for restaurant enlargement and $6000 for store enlargement and $5000 for warehouse enlargement with $5000 for garage and service station. All estimates include equipment.

HALLS AND SOCIETY BUILDINGS

Plans to be Prepared.
CLUB BLDG. Cost, $175,000
SANTA BARBARA, Santa Barbara Co., Cal. Figueroa and Chapala Sts.
Two-story Class C club building.
Owner—B. P. O. Elks (E. G. Dodge, Secretary).
Architect—Not Selected.

Sub-Figures Being Taken By Contractors.
CLUB BLDG. Cost; $—
TANFORAN RACE TRACK, San Mateo Co., Cal.
Two-story frame and plaster club bldg.
Owner — Pacific Coast Jockey Club, Howard Spreckels, Secretary, 913 First National Bank Bldg., San Francisco.
Architect — G. A. Applegarth, Claus Spreckels Bldg., San Francisco.
Contractor — Grace & Bernieri, Claus Spreckels Bldg., San Francisco.
Sub-figures are being taken on the following work: heating, electrical, plumbing, lumber and painting. The mill work has been awarded to the Pacific Mfg. Co. Plastering.

Contract Awarded.
COMMUNITY BLDG. Cost, $25,000
SAN FRANCISCO, 1746-48 Post St.
Two-story and basement community house building.
Owner—Japanese First Reformed Ch.
Architect & Contractor — Walters & Grove, Monadnock Bldg. S. F.

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M
PLASTIC WATERPROOF
PORTLAND CEMENT
A Standard Portland Cement
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Segregated Figures Being Taken.
CLUB BLDG. Cost, $500,000
LOS ANGELES, Los Angeles Co., Cal. Figueroa St. bet. 9th and 10th Sts.
Six-story reinforced concrete Class A club building.
Owner—Friday Morning Club.
Architect—Allison & Allison, Hibernian Bldg., Los Angeles.

Contracts Awarded.
EXCHANGE BLDG. Cost, $10,000
RICHMOND, Contra Costa Co., Cal. E 14th St., 175 S Macdonald Ave.
One-story hollow tile and brick exchange bldg., 42x89 (designed for additional stories).
Owner — Builders Exchange of Contra Costa County.
Architect—Jas. T. Narbett, 910 Macdonald Ave., Richmond.
P. M. Sanford, carpenter and general contract work; Frank Ausez, concrete and cement work; J. I. Collins, plumbing; Spiersch Brothers, sheet metal work; R. D. Nobble, electrical work; Richmond Roofing Company, roofing; Charles H. Brown, plastering; E. A. Marshall & Son, painting; Jas. Walker, brick & steel work. The heating bids are still under advisement.

HOSPITALS

Plans Being Prepared.
NURSES' HOME Cost, $125,000
SAN FRANCISCO, Anza St. & 6th Ave.
Four-story and basement brick nurses home and 2-story brick maternity pavilion.
Owner—French hospital, premises.
Architect — Fabre & Hildebrand, 110 Sutter St., San Francisco.

EVERETT, Wash.—John Arrington, 2451 Federal Ave., Seattle, at $215,297 awarded contract by Architects Stevens and Lee, of Boston, with Bebb and Gould, Hoge Bldg., Seattle, associated, to erect 3-story and basement fireproof hospital for Everett General Hospital. Will be erected in Colby Ave., near 14th St., and will contain 72 beds.

SEATTLE, Wash.—A. W. Quist, Hoge Bldg., Seattle, at approx. $1,000,000 awarded contract to erect St. Vincent's Home for Aged and House of Providence, from plans of Architect John Graham, L. C. Smith Bldg., Seattle. Will be of brick and reinforced concrete construction, five stories high, having extreme and dimension 276 ft. north and 294 ft. south.

OAKLAND, Alameda Co., Cal.—Archt. Henry H. Meyers, Kohl Bldg., San Francisco, is making copies of drawings and spec. for the Alameda County four-story class A ward building at the Highland Hospital on 14th and Vallecito Place in Oakland, for which M. C. Vaughn had the contract & abandoned The concrete frame is up with the exception of the floors. Bids will be called for shortly by the county as the result of the decision of the District Attorney. The Globe Indemnity Company was the hondsman for Mr. Vaughn. Bids will be advertised for commencing February 5th.

PORTLAND, Ore.—Until Feb. 12, 10 a. m., bids will be received by Multnomah County Commissioners, Chas. S Rudeen, chairman, for fur. kitchen equipment for county hospital. Cert. check 5% payable to Board of County Comm. required. Plans obtainable from Sutton & Whitney, archts., Lewis Bldg. Portland.

PORTLAND, Ore.—Until Feb. 12, 10 a. m., bids will be received by Multnomah County Commissioners, Chas. S. Rudeen, chairman, for fur. and del. laundry equipment for Multnomah county hospital. Sutton and Whitney, architects, Lewis Bldg., Portland. Cert. check 5% payable to Board of County Commissioners required with each bid. Spec. obtainable from architects.

EUGENE, Ore.—Bids to erect the Eugene Bible University hospital have been rejected and work will be done by day labor under the supervision of J. R. Ford, of Eugene. Will be erected at 12th Ave. and Hillyard St., 5 stories high, of fireproof construction. About 100 beds. Est. cost $150,000.

PORTLAND, Ore.—Until Feb. 12, bids will be received by Architects Sutton and Whitney, Lewis Bldg., Portland, to erect first unit of Shrine Hospital for crippled children at E-82nd and Sandy Boulevard. Mayor Baker of Portland, is chairman of the Shrine Hospital Committee.

HOTELS

Plans to be Prepared.
HOTEL Cost, $500,000
SONOMA CITY, Sonoma Co., Cal.
Bigelow Ranch in the Valley of the Moon.
Two-story reinforced concrete Mission style hotel, natatorium and mineral bats.
Owner—Mission Inn Cptn.
Architect—To be Selected Shortly.
Contractor — Langge & Bergstrom, Sharon Bldg., San Francisco.

The directors of Mission Inn, Inc., are: Harry E. Speas, Aven J. Hanford, R. G. Lichtenberg, Oscar H. Klatt, W. I. Fitzgerald, Arvid H. Bergstrom and Dudley D. Sales. Harry E. Speas, R. C. Lichtenberg, Oscar H. Klatt and Aven J. Hanford are directors of Golden Gate Ferry Co. and other corporations of California. A. H. Bergstrom is a member of the famous builders, Lang & Bergstrom; W. I. Fitzgerald is a prominent citizen of Sonoma County and Dudley D. Sales is a corporation lawyer of San Francisco and is also attorney for the Sonoma Mission Inn, Incorporated.

The officers of the new corporation are to be Harry E. Speara, president; R. G. Lichtenberg, vice president, and Oscar H. Klatt, secretary.

It is planned to begin construction on the hotel this year.

Low Bidder.
REMODELING Cost—
STOCKTON, San Joaquin Co., Cal. Weber Ave., bet. Hunter and San Joaquin Sts. (Tretheway Bldg).
Complete remodeling of 3-story brick hotel building.
Owner — Henry Cowell Estate, W. H. George, mgr., 2 Market St., S. F.
Architect — Henry H. Meyers, Kohl Bldg., S. F.
Contractor—Mr. Gehrle, Stockton.

Plans Being Prepared—To be Done by Day's Work.
LODGING HOUSE Cost, $55,000
STOCKTON, San Joaquin Co., Cal. NW Market and Commerce Sts.
Two-story pressed brick store and lodging house (9 stores and 51 rooms).
Owner—Max Cohen and Abe M. Corren
Architect—Ralph P. Morrell, I. O. O. F. Bldg., Stockton.
Supt.—L. S. Peletz, 428 E-Fremont St., Stockton.

Plans To Be Prepared.
HOTEL Cost, Approx $150,000
HAYWARD, 3 miles from Hayward on Dublin Canyon Road.
Hotel, type of construction not decided.
Owner—Z. W. White & Fred Hamontree

LOS ANGELES, Cal.—Archt. W. J. Saunders, 227 Laughlin Bldg., L. A., has prepared plans and is taking bids for erecting a 6-story class A store and hotel bldg., at nw cor. of 9th and Beacon Sts. for J. L. Murphy. It will contain 5 stores, lobby, dining rm. and kitchen in the first story and 165 guest rms. with 100 per cent baths in the upper stories. Reinf. conc. constr., 55x155 ft., cem. plas. exter., comp. rfg., plate glass windows, pine trim, 2 elevators, steam htg., vacuum cleaning, Terrazzo fls. in bathroom, tile and Terrazzo floors in lobby.

LOS ANGELES, L. A. Co., Cal.—J. C. Anderson, 910 Haas Bldg., L. A., has prepared plans for a 4-story and basement class C brick hotel bldg. to be erected on w side of Whittier St., bet. 7th and 8th Sts., for Alfred R. Hindman and Hiram U. Helm, 910 Haas Bldg., L. A. It will be 60x137 ft., and will contain 112 rooms; brick walls, press. brick facing, comp. rfg., pine trim, tiled baths, steam heating.

SANTA BARBARA, Cal.—Alexander L. Richmond, prop. of the Arlington hotel, announces plans for additions and alterations to the hotel, to cost bet. $150,000 and $300,000. The entire basement or "Garden Floor" will be converted into shops, an additional store will be built on each of the main wings and there will be additions to the main portions of the hotel to add about 60 rooms.

POWER PLANTS

FRESNO, Fresno Co., Cal.—The San Joaquin Light & Power Corp. will expend about $4,500,000 in extensions and betterments to its various units during 1923. A large portion of this will be spent in Fresno. Included in the proposed expenditures is an item of $800,000 for the Fresno bldg. of the company; $350,000 for additions and improvements to the Fresno water system; and $300,000 for the development of an industrial yard and plant on the company's property at the intersection of California and Orange Aves.

TACOMA, Wash.—J. L. Stannard, San Francisco engineer, retained by Tacoma city council as engineer in chief for the construction of the Lake Cushman power project to cost $6,000,000 and intend to add about 90,000 h. p. to present facilities of the municipal light and power department.

IGO, Shasta Co., Cal.—California Bimetallic Co., operating the Chicago Silver Mine, is preparing to supplant gasoline power with electrical power. A pole line six miles long will be constructed and this together with electrical equipment will cost $25,000.

SACRAMENTO, Cal. — City council votes to finance Silver Creek project calling for the establishment of a hydro-electric plant to furnish electrical power to Sacramento, under the 1921 Act which provides for the creation of a utility district. The project will be independent of the bond issue to be voted upon in the near future for various improvements. Plant will be located about 60 miles from Sacramento. It is expected that specifications for the project will be completed the latter part of March, Albert Givan, city eng.

HANFORD, Kings Co., Cal.—Southern California Edison Co., will spend $60,000 for improvements of which $28,500 is to finance improvements to the present distributing system within the Hanford city limits in addition to $78,000 for improving system just outside the city.

PUBLIC BUILDINGS

Contract Awarded.
POSTOFFICE Cost, $12,000
TRACY, San Joaquin Co., Calif.
One-story brick postoffice.
Owner—Company composed of Chas. Fraley, J. J. and Thos. Kelly, et al, Tracy, Calif.
Contractor—William Cohrs, Tracy, Cal.
Other bidders: Shepherd & Riley, $12,648; Bay Constr. Co., $12,850; Weiland Bros., $13,685; Stephen & Co., $15,709.

Phone Mission 2607
Res. Phone Mission 5228

Fire Protection Products Co.

FIRE DOOR EXPERTS

Kalamein, Copper and Bronze Doors and Trim

Ornamental Entrances

Sheet Metal Work of Every Description

CHAS. SCHULTHEIS, Mgr.

3117-3119 TWENTIETH STREET near Harrison St.

SAN FRANCISCO, CALIF.

SAN FRANCISCO—Board of Supervisors has commenced condemnation proceedings against two blocks of land within the area bounded by Van Ness Ave., McAllister, Franklin and Grove Sts., upon which it is proposed to erect three class A war memorials, comprising an opera house; a conservatory of music; dramatic club, club house for the American Legion and an art museum, the total cost of construction being $2,500,000. Considerable ground will be available for additional structures which the city may desire to erect at a later date. War memorial trustees are: Walter S. Martin, Charles Templeton Crocker, John D. McKee, E. S. Heller, Charles H. Kendrick, Frank F. Kilsby, Milton H. Esberg, Herbert Fleishhacker, William H. Crocker and John S. Drum, chairman. The war memorial, when completed, will be turned over to the regents of the University of California to be administered virtually a part of the state university.

WENATCHEE, Wash.—Jarl and Lasker submit low bid to Chelan County Court to erect four-story and basement steel and concrete 78x138 ft. county courthouse. Alloway and George, second low at $306,812. First story will be faced with granite, the remainder with brick and terra cotta. Morrison-Stimson Co., architects, Spokane and Wenatchee, Wash.

SAN FRANCISCO—Until Feb. 19, 3 p. m., bids will be received by J. S. Dunnigan, clerk, Board of Supervisors, Room 235 City Hall, for fur. 5 metal book racks for office of county clerk. Spec. will be furnished on request.

RESIDENCES

Contract Awarded.
RESIDENCE Cost, $10,000
BERKELEY, Alameda Co., Cal. No. 5725 Claremont Blvd.
Two-story 9-room frame and plaster residence.
Owner—Lillian M. Gester.
Architect—Ashley & Evers, 58 Sutter St., San Francisco.
Contractor—E. F. Henderson, 5744 Keith Ave., Oakland.

Contract Awarded.
RESIDENCE Cost, $13,000
STOCKTON, San Joaquin Co., Cal. Yosemite and Rose Sts.
One and one-half-story frame residence.
Owner—Abe M. Corren.
Architect—Ralph P. Morrell, I. O. O. F. Bldg., Stockton.
Contractor—L. Peletz, 428 E-Fremont St., Stockton.

Plans to be Prepared.
BUNGALOWS Cost, $—
STOCKTON, San Joaquin Co., Cal. Location, not selected.
TEN one-story frame bungalows (Bungalow Court).
Owner—Dr. E. H. Lower, Stockton.
Architect—Not Given.

Contract Awarded.
STORE BLDG. Cost, $13,000
STOCKTON, San Joaquin Co., Cal. SE Fremont and Monroe Sts.
One-story brick store building, 100x100 (3 stores).
Owner—A. Truscott & Son, Merchant and Cross Sts., Stockton.
Architect—None.
Contractor—T. E. Williamson, 1229 N-Pilgrim St., Stockton.

Low Bidder Cost, $—
RES. & GAR.
BERKELEY, Alameda Co., Cal., Claremont district.
Two-story and basement frame stucco residence and garage.
Owner—A. H. Babcock.
Architect—Meyer & Johnson, Bankers Inv. Bldg., S. F.
Low Bidder—Bay Construction Co., Bacon Bldg., Oakland.

Plans Complete.
RESIDENCE Cost—
PIEDMONT, Alameda Co., Cal.
Two-story and basement frame and stucco residence.
Owner—Mrs. King.
Architect — Mathews & Simpson, Call Bldg., San Francisco.

Plans Being Prepared—To be Done by Day's Work.
BUNGALOWS Cost, $4000 each
SAN FRANCISCO. Fulton St. bet. 32nd and 33rd Aves.
Four frame bungalows.
Owner—Oscar Heyman & Bro., 742 Market St., San Francisco.
Architect—Alvin J. Stern, 742 Market St., San Francisco.

Grading Contract Awarded.
RESIDENCES Cost $150,000
SAN FRANCISCO, West side Lyon St. at foot of Green.
Six 2-story and basement & attic frame duplex residences with terraced gardens and other formal effects.
Owner—Carlo Matraia.
Architect — August G. Headman, Call Bldg., San Francisco.
The grading has been awarded to Owen McHugh, Russ Bldg. Bids for the remaining of the work will be segregated.

Segregated Figures To Be Taken Next Week.
RESIDENCE Cost, $15,000
OAKLAND, Lakeknoll Tract.
Two-story and basement frame and plaster residence and garage (10 rooms).
Owner—H. M. Gardner.
Architect — McWethy & Greenleaf, Dickelman Bldg., Oakland.

Low Bidder.
RESIDENCE Cost, $8900
SACRAMENTO, Scto. Co., Cal., East Sacramento.
Two-story frame residence.
Owner—Edw. P. Huston, of Elliott & Huston, 1010 8th St., Sacramento.
Low Bidder—Barton & Kopp, 619 J St., Sacramento.

Plans Being Prepared.
RESIDENCE Cost, $10,000
PIEDMONT, Alameda Co., Cal. Wildwood Gardens.
Two-story frame and plaster residence
Owner—J. B. Havre Jr.
Architect — Benj. G. McDougall, 381 Bush St., San Francisco.

Plans Being Prepared—To Be Done By Day's Work.
DWELLINGS Cost, $5000 ea.
SAN FRANCISCO, Post and Baker Sts.
Three 2-story frame dwellings.
Owner—Chas. Clinch Co.
Architect—H. C. Baumann & Edw. W. Jose, 251 Kearny St., S. F.

To Be Done By Day's Work.
DWELLINGS Cost, $4000 ea.
BERKELEY, Alameda Co., Cal., 1428, and 1424 Hopkins St. & 1920-24-28-30-34 & 38 Ward St.
Eight 1-story 6-room frame dwellings.
Owner—R. J. Pavert, 1st Natl. Bank Bldg., Berkeley.

SCHOOLS

All Bids Rejected—Plans To Be Revised.
SCHOOL BLDGS. Cost, $540,000
SACRAMENTO, Sacramento Co., Cal., 34th, 35th, U and V Streets.
Eight one and two-story brick, steel, concrete and terra cotta high school buildings (classrooms, gymnasium, etc.)
Owner—City of Sacramento.
Architect—E. A. Mathews and H. Simpson, Call Bldg., San Francisco.
All bids received on January 29th were rejected on account of being $60,000 over the estimate. Plans will be revised using less steel and making some of the detached bldgs. class C construction instead of class A. The plans will be ready for new bids in about a month.
The K. E. Parker Co., Clunie Bldg., S. F., submitted the lowest bid on the general contract at $421,000. Palm Iron & Bridge Co., on the steel, at $58,470; Hateley & Hateley, of Sacramento, on the plumbing and sewer connection, at $27,398; Latourrette-Fical Co., at $49,950 and Latourrette-Fical Co., on the electrical work at $35,582.

Bids To Be Advertised for in a Few Days.
GYMNASIUM Cost, $60,000
GILROY, Santa Clara Co., Cal.
One-story hollow tile and concrete gymnasium.
Owner—Gilroy High School District.
Architect—Wyckoff & White, Growers Bank Bldg., San Jose.
Bids were opened in December for this building, but were rejected on account of being over the amount available. Additional bonds have been voted. (classroom).
Owner — Sultana Elementary School District.
Architect — Ernest J. Kump, Rowell Bldg., Fresno.

Commissioned To Prepare Plans.
SCHOOL Cost, $150,000
CENTERVILLE, Alameda Co., Cal.
Class C high school bldg.
Owner — Washington Union High School District.
Architect—Henry H. Meyers, Kohl Bldg San Francisco.
Bonds have been voted.

Bids To Be Called For About Feb. 10.
SCHOOL Cost, $235,000
CROCKETT, Contra Costa Co., Cal.
Two-story brick and concrete elementary school (24 classrooms, auditorium, kindergarten, domestic science and manual training department, etc.)
Owner—Carquinez School District.
Engineer—A. A. Brown, % Matson Navigation Co., 120 Market St., San Francisco.
Bonds were voted on December 19th for the sum of $240,000.

SANTA BARBARA, Santa Barbara Co., Cal.—B. D. Kronnick, 312 W. 39th St., Los Angeles, has been awarded a contract to erect two three-story new brick buildings at St. Anthony's College, Santa Barbara, for the Franciscian Order. Cosct, $170,000. Ross Montgomery, Story Bldg., Los Angeles, is the architect. One building will contain an auditorium with stage, classrooms, and dormitory; the other will contain a print shop, storage rooms, chapel, refectory, kitchen, infirmary and guest rooms.

GLENDALE, Los Angeles Co., Cal.—North Pacific Constr. Co., Baker-Detwiler Bldg., Los Angeles, was low bidder at $429,000 on the gen. contr. for erecting new high school buildings at Glendale for Glendale Union High School District. Low bidders on the other contracts were: Munger & Munger, Pasadena, on the heating and ventilating at $35,862; Newbery Elec. Corp. on program clocks at $10,670; Geo. L. Patterson on wiring at $28,653; R. Zelinsky on painting at $13,964; and Munger & Munger on plumbing at $30,465. Bids taken under advisement. John C. Austin, 1125 Baker-Detwiler Bldg., and Geo. M. Lindsey, Laughlin Bldg., Associate Architects. The bids received were: **General Contract**—North Pacific Constr. Co., $429,000; J. C. Bannister, $433,255; C. G. Wopschall, $459,900; Edwards, Wildey & Dixon, $465,000; Wm. Stacko, $476,313; L. A. Planing Mill Co., $477,646; C. J. Kubach Co., $494,500; Lawrence Burck Constr. Co., $500,000; Larson-Siegrist Co., San Francisco, $563,920. **Heating and Ventilating**—Munger & Munger, $35,862; F. J. Donnelly, $36 216; Frank Davidson, $36,845; J. Hokom, $36,897; Franklin & Boyce, $38,660; F. D. Reed Plumbing Co., $38,757; L. Z. Brown, $39,051; Thos. Haverty Co., $39,530; Arthur Hess, $40,361. **Program Clocks**—Newbery Elec. Corp., $10,670; International Time Recording Co., $11,112; Standard Electric Time Co., $11,684. **Electric Work**—Geo. L. Patterson, $28,653; Hall & Son, $29,857; Newbery Elec. Corp., $33,332; H. H. Walker, $36,145; Woodill-Patterson Co., $36,700. **Painting**—R. Zelinsky, $13,964; Morgan McCarthy Paint Co., $17,695; Alhambra Wall Paper & Paint Co., $18,957; E. Drawbaugh, $22,784; Heinzbergen Decorating Co., $25,893; Wickins & Empey, $27,525; Arnez-Warren Co., $29,736. **Plumbing**—Munger & Munger, $30,465; Davidson & Cameron, $31,804; F. D. Reed Plumbing Co., $31,500; Coker & Taylor, $34,700; So. Pasadena Plumbing Co., $38,347; Thos. Haverty Co., $39,275; Arthur Hess, $40,312.

ALHAMBRA, Los Angeles Co., Cal.—Architects Allison & Allison, 1405 Hibernian Bldg., has been commissioned to prepare plans for a new grammar school building to be erected at Alhambra. It will contain 8 rooms and auditorium. Constr. will be of brick. Cost, $76,000.

ALHAMBRA, L. A. Co., Cal.—North Pacific Constr. Co., Baker-Detwiler Bldg., L. A., was apparently low bidder on general contract at $240,654 for erecting the new high school bldg. in Alhambra. Hunt & Burns, 701 Laughlin Bldg., L. A., archts. Bids were received on gen. contr., segregated contracts, combinations of segregated contracts, and for the entire work complete. In addition alternate figures were received separately on a large number of items in each contract. Low bids on segregated contracts were: **Cast Stone**—Farris Bros., $11,260. **Sheet Metal**—Munger & Munger, $2742. **Roofing**—Atlas Roof Company $3200. **Plastering**: Joseph V. Rickert, $24,052. **Painting**—W. R. Gorrell, $8600. **Plumbing**—So. Pasadena Plbg. Co., $12,530. **Program Clocks**—Standard Elec. Time Co., $2492. **Hardware**—Frank Graves Sash, Door & Mill Co., $6500. **Wiring**—American Elec. Constr. Co., $19,437. **Heating and Ventilating**—F. J. Donnelly, $29,524. **Blackboards**—T. N. Fierce, $3060.35. Bids were taken as follows: (1) gen. contr.; (2) cast stone; (3) sheet metal; (4) roofing; (5) plastering; (6) painting; (7) plumbing; (8) program clocks; (9) hardware; (10) electric work; (11) heating and ventilating; (12) blackboards. Complete list of bids: **Entire work** — Davies Constr. Co., $399,000. **Combination of Segregates** — Darrell Condley Co., (1-2-3-4-5-9-12), $303,250; No. Pac. Co. (1-2-3-4-5-6-9-12) $315,700; J. C. Banister, (1-2-3-4-5-9-12), $316,540 Mebius-Jones Co. (1-2-5), $312,765. **General Contract**—North Pacific Constr Co., $240,654; Larsen-Siegrist Co., $247,812; Darrell Condley Co., $248,440; M. H. Walters, $250,742; Davies Constr. Co. $251,000; E. F. Wopschall, $253,596; Lawrence B. Burck Co., $257,500; Frank R. Hudson, $267,800; J. F. Kobler, $272,981; B. D. Kronnick, $227,000; John Simpson Co., $294,000 (2); Farris Bros. $11,260; Spanish-American Fine Arts Studio, $13,050; James P. Walsh, $18,158; (3) Munger & Munger $2742, $4111; (4) Atlas Roof Co., $3200; Warren & Bailey, $3910; (5) Joseph V. Rickert, $24,052; James P. Walsh, $30,575; E. V. Fallgren, $30,942; C. H. Anderson, $31,912.80; (6) W. R. Gorrell, $8600; R. E. Swan, $10,640; Alhambra W. P. & P. Co. $4250; E. Drawbaugh, $11,388; Wickens & Empie, $12,567; Heinzbergen, $12,675; R. Zelinsky, $16,880; (7) South Pasadena Plbg. Co., $12,530; O. K. Plbg. Co., (Ora King), $12,770; Munger & Munger, $12,929 (7-11-3), $46,465; Lohman Bros., $12,979; Davidson & Cameron, $13,345; Arthur Hess, $15,322; (8) Standard Elec Time Co., $2492; (9) Frank Graves Sash Door & Mill Co., $6500; Bennett-Montgomery Co., $6898; (10) Amer. Elec. Constr. Co., $19,437; Graham Elec. Co., $22,768; S. & H. Service Elec. Co., $22,410; H. H. Walker, $25,973; Woodill-Patterson Co., $26,869; Golden State Elec. Co., $27,321; (11) F. J. Donnelly, $29,524; Hoagland-Lakin Elec. & Mfg. Co., $29,738; Franklin & Boyce, $30,184; L. Z. Brown, 30,641; Munger & Munger, $31,394; Arthur Hess, $32,737; (12) T. N. Fierce, $3060.35; Rucker-Fuller Desk Co., $3257.80; Jones Book Store, $3275; C. F. Weber & Co., $3675. For wrecking and removing the present bldg. the Crown City Wrecking Co. offered $1600; Whiting-Mead Co., $1200 and Mox Lumber & Wrecking Co., $500.

LOS ANGELES, L. A. Co., Cal.—H. J. Kemper, Lankershim Bldg., L. A., was the low bidder at $72,000 on the general contract for erecting a new school bldg. on West Athens school site. Edelman & Zimmerman, archts. Low bidders on other contracts were: W. W. Brooks on plumbing at $5800; Franklin & Boyce on heating at $5400; R. E. Swan on painting at $2985, and American Electric Constr. Co. on wiring at $2,923.30. Bids received were as follows: **General Contract**—H. J. Kemper, $72,000; Willard-Brent Co., $72,560; Ralph E. Homann Co., $72,804; J. B. Harris, $72,667; H. H. Hinds, $74,490; J. D. Kneen Construction Co., $75,864; H. M. Baruch, $78,469; Pozzo Construction Co. $79,000. **Plumbing**—W. W. Brooks, $5800 E. W. Crowell, $6148; Harry W. Dressler Co., $6500. **Heating**—Franklin & Boyce, $6400; Geo. A. Posthumus, $5182; W. W. Brooks, $5650; F. J. Donnelly,

$5380 Munger & Munger $5947. **Painting**—R. E. Swan, $2985; Alhambra Wall Paper & Paint Co., $3090; D. Zelinsky, $3132; Arenz-Warren Co., $3216; Brown & Brown, $3349. **Wiring** — American Elec. Constr. Co., $2923.30; F. B. Potter Elec. Co., $2960; Carlson Elec. Co. $3184.

LIVERMORE, Ala. Co., Cal.—C. F. Webber & Co., 985 Market St., San Francisco, at $4.53 each, awarded contract by Livermore Grammar School District for fur. and install. 602 chairs in new school auditorium.

OROVILLE, Butte Co., Cal.—Trustees of Oroville Union High School District planning athletic field which will include laying out of tennis courts, erection of grand stand seating 1000 persons and a ¼-mile race track. James Williams is chairman of board of trustees of district.

BAKERSFIELD, Kern Co., Cal.—Until Feb. 15, 5 p. m., bids will be rec. by E. R. Long, clerk Board of Education to construct pump house at Roosevelt school. Eugene K. Martin, archt., Arlington Bldg., Bakersfield. Cert. chk. 10% payable to Board of Education required with each bid. Spec. obtainable from clerk.

SACRAMENTO, Cal. — Bids were opened on January 29th by the Board of Trustees of the Sacramento High School District for the construction of eight, one and two-story brick, steel, concrete and terra cotta high school buildings from plans prepared by architects E. A. Mathews and H. Simpson, Call Bldg., San Francisco. All bids were taken under advisement.

General Contract

K. E. Parker Co., Clunie Bldg.
San Francisco 421,600
Mathews' Constr. Co., Scto..... 423,000
Wm. Murcell, Sacramento..... 426,720
M. E. Hopper & Sons, Oakland.. 435,000
Robert Trost, San Francisco... 435,000
McGillivray Conatr. Co., Scto... 443,500
Herndon & Finnigan, Scto..... 456,000
Reilly & Nemetz, S. F..... 473,000

Steel

Palm Iron & Bridge Works, 1814 15th St., Sacramento $58,470
Herrick Iron Works, Oakland... 64,844
Pacific Rolling Mills, S. F. 61,530
Union Constr. Co., Oakland..... 65,790

Electrical Work

Latourrette-Fical Co., 907 Front St., Sacramento.....$35,582
Newbery Elec. Co. 36,000
Butte Electrical Mfg. Co., S. F... 36,200

Plumbing & Sewer Connections

Hateley & Hateley, Mitau Bldg., Sacramento $27,398
Latourrette-Fical Co., 907 Front St., Sacramento 29,860
Luppen-Hawley & Thing, Scto... 29,982

Heating & Ventilating

Latourrette-Fical Co., Sacto.....$49,950
Hateley & Hateley, Sacramento 50,668
Luppin, Hawley & Thing..... 53,900

Work Not Stated

Scott, Lyman & Stack, Scto..... 33,477

TUSCON, Ariz.—Until 10 a. m., Mar. 5, bids will be received by clerk of the board of education, Tucson high school dist., Pima county, care Lyman & Place, Tucson, archts., for constructing high school bldg. on blk. 65, city of Tucson. The general contract will embrace all excavation; plain and reinf. conc., struc steel and iron work; brick work; hollow tile work; cut stone; carpentry and millwork, tile rfg.; ornam. met. work; steel sash, metal covered doors; marble and tile; steel partitions; glazing; painting, electric elevator. Cert. check, 5% must accompany each bid. Plans and spec. prepared by Lyman & Place, archts., H. O. Jaasted, assoc., may be obtained from Lyman & Place, together with full information as to the proposed work on or after Tuesday, January 30, 1923, and same will be on file for inspection at their office, room 6, 79 North Stone Avenue, Tucson, on or after that date. Deposit of $75 is required. The bldg. will have a seating capacity of 1500 and will be 226x195 ft., 3-story, with basement to be used for manual training, military drill, printing plant, and mechanical depts. There will be an auditorium and laboratory rooms in the main portion with gymnasium, storage space, domestic science and cafeteria provided on the third floor, which will be lighted by skylights. Bldg. will have conc. found., brick and terra cotta exter., tile and comp. rf., birch inter. trim, linoleum floors, mantels, furnace, hot air heating, water heater, fireproof doors and windows, metal skylights, struc. steel, rein. steel, metal lath, refrigerators, marble work, oil burners, fireproof vaults, elevators, plate glass, ornam. iron staff work, motors.

GLENDALE, L. A. Co., Cal.—North Pacific Construction Co., Baker-Detwiler Bldg., L. A., was awarded the general contract at $457,865 for erecting new high school bldgs. at Glendale. The contract was awarded on the bid of $429,000 for both bldgs. with additional rooms and $16,400 for connecting corridors, and deductions of $4250 for omitting r. w. roof sheathing and $3830 for pine doors instead of oak. The plumbing contract was awarded to Munger & Munger of Pasadena on their bid of $30,465 with an addition of $100 for additional rooms and a deduction of $799 for Nelson fixtures; total, $29,766. The painting contract was let to Alhambra Wall Paper & Paint Co. at $13,476, being let on the original bid of $18,957 with additions of $250 and $285 for additional rooms and $300 for certain painting in the auditorium, and deductions of $2485 for omitting exter. painting, $2131 for omitting tinting above wainscoting, and $700 for alternative varnish. The heating and ventilating contract was awarded to Munger & Munger at $36,746, being let on their bid of $35,862 with additions of $613 and $271 for additional rooms. Bids for program clocks and electric work were rejected and the work will be readvertised under revised spec. John C. Austin, 1125 Baker-Detwiler Bldg., and Geo. M. Lindsey, 331 Laughlin Bldg., assoc. archts.

OAKLAND, Alameda Co., Cal.—The following bids were received on January 29th by the Oakland Board of Education, for the construction of a three-story steel and brick school building at the Lakeview School site on Perry and Grand Avenue, and for the plastering on the University High School. All bids were taken under advisement. Plans were prepared by Architects C. W. Dickey and John J. Donovan, associated, 2149 Broadway, Oakland.

Plastering for University High School

T. D. Sexton, 864 Mandana St., Oakland $12,562
Wm. Maklin 12,990
M. Edinger 15,695
A. Knowles 23,680

General Contract—Lakeview School

F. W. Maurice, 1362 E-25th St. Oakland $51,800
(1) $—, (2) $—
Alfred Vlsen 52,472
(1) $4560, (2) $742
M. E. Hopper & Son Oakland.... 62,965
(1) $4100, (2) $380
Walter Murch 53,788
(1) $3632, (2) $461
Monson Bros., S. F. 44,413
(1) $2300, (2) $395
Cress & Trobock, S. F. 55,473
(1) $3000, (2) $300
Schuler & McDonald, Oakland.. 58,975
(1) $3800, (2) $500
Chas. Crow 59,000
(1) $3768, (2) $372
R. W. Littlefield, Oakland..... 60,600
(1) $4000, (2) $650

Brick Work

M. B. McGowan, 180 Jessie St., San Francisco $16,287
(1) $217, (2)$—
Monson Bros., S. F. 16,925
(1) $600, (2) $100
White & Gloor, S. F. 17,600
(1) $420, (2) $—
Mealey & Collins, S. F. 17,600
(1) $150, (2) $300
H. N. Larsen 18,200
(1) $750, (2) $400
F. W. Maurice, Oakland..... 20,400
(1) $—, (2) $—

Combination Bid of Plastering and Brick Work

Edw. G. Peters, Atlas Bldg., San Francisco $11,500
(1) $4000, (2) $1200

Plastering

M. Ebinger, 1063 Alcatraz Ave., Oakland $6463
(1) $934, (2) $299
A. J. Hillam 7530
(1) $—, (2) $—
Geo. Dixon 7983
(1) $700, (2) $50
Wm. Makin 8200
(1) $—, (2) $—
T. D. Sexton 8601
(1) $930, (2) $50
F. J. Judge 8914
(1) $323, (2) $75
A. Knowles 10,840
(1) $900, (2) $100

Electrical Work

Standard Elec. Constr. Co., 60 Natoma St., San Francisco....$4331
(1) $1314
Kenyon Elec. Co. 6261
(1) $1474
King Elec. Co..... 6711
(1) $1567
Roberts Mfg. 6761
(1) $2326
Spencer Elec. Co..... 6294
(1) $1902
Newbery Elec. Co. 7175
(1) $1450
M. E. Ryan 5800
(1) $1350
E. A. McGinty 6190
(1) $1565

Plumbing

A. Feldhammer, 104 Park, Alameda $4355
(1) $180
Scott Co. 6066
(1) $87
J. K. Cruz 5536
(1) $483
T. R. Catton 6599
(1) $650
W. H. Picard 7790
(1) $500
Carl T. Doell 8997
(1) $566

Heating

W. H. Picard, 5656 College Ave. Oakland $11,000
(1) $1439
W. K. Nottingham 11,826
(1) $1828
Scott Co. 11,496
(1) $1984
Carl T. Doell 11,976
(1) $1804
John I. Collins 14,910
(1) $2191

STORES AND OFFICES

Plans Being Figured—Bids Close Mar. 1, 1923.
OFFICE BLDG. Cost, $175,000
CHICO, Butte Co., Cal. SW Third and Main Streets.
Four-story Class C bank and office building (60 offices).
Owner—First National Bank of Chico.
Architect—Chester Cole, Chico, Cal.
The excavating is now under way.

Plans Being Prepared.
STORES, ETC. Cost, $—
SAN FRANCISCO, SE Mission 133 NE Fifth Street.
Two-story and basement reinforced concrete store and loft building.
Owner—Selby and Henry R. Mohr.
Architect—W. H. Crim Jr., 425 Kearny St., San Francisco.
The excavating, etc., has been awarded to the S. F. Motor Drayage Co., 3417 16th St., San Francisco.

Plans Being Figured—Bids Close Mar. 1, 1923.
OFFICE BLDG. Cost, $175,000
CHICO, Butte Co., Cal. SW Third and Main streets.
Four-story Class C bank and office building (60 offices).
Owner—First National Bank of Chico.
Architect—Chester Cole, Chico, Cal.
The excavating is now under way.
See call for bids under official proposals.

Figures To Be Taken Next Week.
OFFICE BLDG. Cost, $30,000
OAKLAND, Alameda Co., Cal. E Franklin St. north of the Fulton Theatre.
Two-story reinforced concrete office bldg. 25x150 (cement front)
Owner—Rupert Whitehead.
Lessee—Wickham-Havens Co., Inc.
Architect—Chas. W. McCall, Central Bank Bldg., Oakland.

Plans To Be Ready For Figures February 5th—Bids Close Feb. 20, 1923.
OFFICE BLDG. Cost, $70,000
SAN RAFAEL, Marin Co., Cal. Fourth St. east of Masonic Hall.
Two-story reinforced concrete and terra cotta office building with tile roof.
Owner—Marin Municipal Water Dist.
Architect—J. W. Dolliver, Monadnock Bldg., San Francisco.

Plans Being Figured—Bids Close Feb. 9, 1923, 4 P. M.
OFFICE BLDG. Cost, $165,000
OAKLAND, Alameda Co., Cal., N 17th between Broadway and Franklin.
Seven-story and basement reinforced concrete store and office building (terra cotta or press. brick facing)
Owner—Ambassador Realty Co. (a corporation in which Geo. Ebe, of the Fulton Playhouse, J. R. Ryan and Granville Abbott et al are interested).
Architect — Chas. W. McCall, Central Bank Bldg., Oakland.
Figures are being taken for a general contract.

Contract Awarded.
ADDITION Cost, $50,000
SAN FRANCISCO. S Sacramento St. 45 W Front St.
Add three stories to three-story Class B office and store building now under construction.
Owner—H. & W. Pierce Co., 728 Montgomery St., San Francisco.
Architect—Benj. G. McDougall, 381 Bush St., San Francisco.
Contractor—Lindgren Co., Monadnock Bldg., San Francisco.
The steel contract has been awarded to the Ralston Iron Works. Bids on the other sub-contracts are under advisement.

Bids To Be Taken Shortly For Mechanical Equipment.
STORES & OFFICES Cost—
SACRAMENTO, Sacramento Co., Cal., SW 10th and J Sts.
Thirteen-story class A reinforced concrete store & office building.
Owner—California State Life Insurance Company.
Engineer—H. J. Brunnier, Sharon Bldg. San Francisco.
Architect—Geo. C. Sellon & Co., Mitan Bldg., Sacramento.
Contractor — Lindgren Co., Monadnock Bldg., San Francisco.
Mechanical Engineers—Leland & Haley Holbrook Bldg., S. F.
In about ten days bids will be taken for the heating, plumbing and electrical work as slight changes are being prepared.
The terra cotta has been awarded to Gladding-McBean Co., Crocker Bldg., San Francisco.

Plans Ready for Figures.
ALTERATIONS Cost—
SAN FRANCISCO, N Market bet. Stockton and Powell (Selbys & Peters Bros. present stores).
Extensive alterations for shoe store.
Owner—Walk-Over Shoe Co.
Architect—Wm. T. Toepke, 942 Market St., San Francisco.

Contract Awarded.
ALTERATIONS Cost, $27,000
SACRAMENTO, 1212 K St.
Alterations and repairs.
Owner—Mrs. Mary Bowden and G. W. Spilman, 4225 T St., Sacramento.
Contractor—Jos. T. Ransdahl, 1015 43rd St., Sacramento.

Contract Awarded.
ALTERATIONS Cost, $20,000
SAN FRANCISCO, 15 Second St.
Change store front, install elevator, rearrange stairs, erect partitions for lofts and stores.
Owner—S. C. Smith, 20 2nd St., S. F.
Architect—Reid Bros., 105 Montgomery St., San Francisco.
Contractor — H. P. Hoyt, Monadnock Bldg., San Francisco.

Contract Awarded.
STORE BLDG. Cost, $55,200
BERKELEY, Alameda Co., Cal., Center Street.
Two-story store, restaurant and hall building, 51x127 (ornamental terra cotta front. All work except electric fixtures, htg. system, shades, counters, equipment and sidewalk elevator).
Owner—Harry Ennors, 2148 Center St., Berkeley.
Architect— Jas. W. Plachek, 2014 Shattuck Ave., Berkeley.
Contractor—J. P. Brennan, 1519 Hearst St. Berkeley.

Concrete and Steel Bids Being Taken.
STORE & LOFT BLDG. Cost, $125,000
SAN FRANCISCO. SE Powell and O'Farrell Streets.
Remodel four-story brick store and loft building.
Owner—Regan Estate Co.
Architect — August Nordin, 717 Mills Bldg., San Francisco.
Segregated bids will be taken on the balance of the work shortly. Mr. Nordin wants catalogs or information on Novelty store fronts, store equipment and lighting equipment.

Contract Awarded.
STORE BLDG. Cost, $15,250
SELMA, Fresno Co., Cal., Arrants Add. No. 3 ½ of lot 4 Blk J.
One-story and basement brick store building.
Owner—Earl N. Otis, 1905 High St., Selma.
Architect — Chas. K. Kirby, Jr., 525 Forthcamp St., Fresno.
Contractor—G. C. Sinclair, 2759 A St., Selma.

OAKLAND, Alameda Co., Cal.—Carl & E. J. Burg, 2235 Macdonald Ave., Richmond have purchased the property on the southwest corner of 12th and Franklin streets in Oakland. In about a year a class "A" office building will be erected on the property. The architect has not been selected.

SAN FRANCISCO — Lawson & Drucker, 450 Hayes St., at $2200 have been awarded a contract by Architect W. H. Crim Jr., 425 Kearny St., for the plumbing in connection with the alterations to the restaurant at No. 441-443 Pine street for Camille Mailhebuan.

MADERA Madera Co., Cal. — W. C. Tighe, Madera, has purchased site at northeast corner of Yosemite avenue and C Streets and will erect 2-story brick office and store building

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OAKLAND Alameda Co., Cal.—The P. J. Walker Company have awarded a contract to Carl T. Doell, 467 21st St., Oakland, for the plumbing in connection with the construction of a three-story class A office and factory bldg for the Hebern Electric Code Inc. It is being erected on the west side of Harrison Street bet. 8th and 9th Sts., in Oakland, from plans prepared by architects Reid and Corlett, Oakland Bank of Savings Bldg., Oakland Contract price $15,842

SAN FRANCISCO—The Lindgren Co., Monadnock Bldg., has awarded the following additional contracts in connection with the construction of the Matson Building on the corner of Market and Main streets. Plans were prepared by Architects Bliss & Faville, Balboa Bldg.
Marble Work to J. E. Back Co., 180 Jessie St., $26,812.
Tile Work to Mangrum & Otter, Mission St., $11,995.
Lathing and Furring to National Lathing & Furring Co., Monadnock Bldg., $12,000
The plastering bids are still under advisement, for which Peter Bradley was lowest bidder.

SEATTLE, Wash. — Architect Jas. Blackwell, Hoge Bldg., preparing plans for 10-story and basement steel, concrete and terra cotta office and store building to be erected for Shafer Bros., Mutual Life Bldg., Seattle; est. cost $300,000. Will be erected at 6th and Pine Sts., 63 by 120 ft. Exterior will be faced with terra cotta.

THEATRES

Contract Awarded.
THEATRE Cost, $45,000
OAKLAND, Alameda Co., Cal. SW 23rd Ave and E-15th St.
One and 2-story concrete theatre and office building.
Owner—Allen King, E-15th St. & 23rd Ave., Oakland
Contractor—F. T. Kennedy, 134 9th St., Oakland.

HERMOSA BEACH, Cal. — Architect Richard D. King, 518 Van Nuys Bldg., is preparing plans for a 2-story brick theatre, bank, store and office building to be erected at 13th St. and Hermosa Ave., Hermosa Beach, for First Bank of Hermosa Beach. It will contain a theatre auditorium, 3 stores, banking room and 10 offices; 95x130 ft., brick constr., terra cotta facing, plate glass, steel beams, comp. rfg, marble and tile work, gas htg.

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Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

NOTICE TO CONTRACTORS

CITY OF NAPA MILLIKEN CREEK PROJECT

Sealed proposals will be received at the office of the City Clerk of Napa at Napa, California, **until 7:30 o'clock P. M., February 26th, 1923,** for construction of Milliken Creek Dam and appurtenances and the furnishing of certain supplies and materials for use in connection therewith.

The work involves:

(a) The making of 11,000 square feet of channeler cut;

(b) The excavation of approximately 2,600 cubic yards of rock and earth in stripping the foundation for the dam;

(c) The placing of approximately 16,800 cubic yards of concrete in the dam;

(d) The sinking of 930 lineal feet of grouting holes;

(e) The placing of 37,000 square feet of "Gunite" on the upstream face of the dam;

(f) The construction of a concrete control and outlet tower;

(g) The supplying of approximately 25,000 bbls. of Portland cement;

(h) The supplying of approximately 18,000 lbs. of reinforcing steel;

(i) The supplying of cast iron body, brass mounted, gate valves;

(j) The supplying of castings, standard pipe and fittings, metal fixtures, anchor bolts, etc.

The work will be subdivided and proposals will be received for separate portions thereof under five schedules as follows:

Schedule No. 1, includes items (a), (b), (c), (d), (e) and (f) as above noted. A certified check in the amount of $10,000 must accompany the bid upon this schedule;

Schedule No. 2, include item (g) as above noted. A certified check for $1,000 must accompany the bid upon this schedule;

Schedule No. 3, includes item (h) as above noted. No certified check will be required with this bid;

Schedule No. 4, includes item (i) as above noted. No certified check will be required with this bid;

Schedule No. 5, includes item (j) as above noted. No certified check will be required with this bid.

Plans, specifications and forms of proposals may be secured from the City Clerk of Napa, California, or from the office of A. Kempkey, Consulting Engineer, 416 Hobart Bldg., San Francisco, California.

The right is reserved to reject any or all bids or to accept other than the lowest as may appear to the best interest of the City of Napa.

Dated: Jan. 31, 1923.

H. H. THOMPSON,
City Clerk.

NOTICE TO CONTRACTORS

(Plumbing & Heating Reno High School and Gymnasium)

The Board of Trustees of Reno High School District No. 10, Washoe county, Nevada, will receive sealed bids until **5 p. m., February 14, 1923,** at the office of R. M. Price, room 19, Washoe County Bank Building, Reno, Nev., for the heating and plumbing of the Junior High School building and gymnasium on the site located west of Lake street, south of Fourth street and east of Center street in the city of Reno, Nev. Two bids for this work must be submitted, as follows: (1) A bid for the heating and plumbing of both the junior high school building and gymnasium, and (2) a bid for the heating and plumbing of the junior high school only. All bidders are referred to George A. Ferris & Son, architects, room 18 Heidtman building, 150 South Virginia street, Reno, for plans, specifications and instructions. Certified checks to the amount of 5 per cent of the aggregate bid for both buildings must accompany same. Said board of trustees reserves the right to accept or reject any or all bids.

Dated at Reno, Nev., January 18, 1923.

BOARD OF TRUSTEES,
Reno School District No. 10.
By R. M. Price, President.
Theo. W. Clark, Clerk.

BIDS WANTED FOR BANK AND OFFICE BUILDING

(Four-Story Class "C", Estimated Cost $175,000)

NOTICE TO CONTRACTORS

NOTICE is hereby given that the undersigned will receive, up to the hour of 2 o'clock p. m., **Thursday, March 1 1923,** sealed bids for the construction of the First National Bank and Office Building, Chico, California. Bids shall be accompanied by certified check or cash to the amount of 5 per cent of bid, as provided for in specifications. Plans, specifications and bid forms may be seen at the architect's office.

(signed) CHESTER COLE,
Architect.

Room 214, Waterland-Breslauer Building, Chico, Calif.

BIDS WANTED FOR HOME ECONMICS BUILDING AND MANUAL ARTS BUILDING

NOTICE TO CONTRACTORS

Sealed bids will be received by Geo. B. McDougall, State Architect, Chief, Division of Architecture, Forum Building, Sacramento, California, **up to and including 12 o'clock noon, Tuesday, February 20th, 1923,** said bids then and there to be publicly opened and read, for furnishing all plant, materials and doing the work required for the erection and completion of Home Economics Building, and Manual Arts Building, San Jose State Teachers College, San Jose, California, in accordance with plans and specifications therefor, copies of which may be obtained on application to the Division of Architecture, State Department of Public Works, Forum Building, Sacramento, California.

Such bids will be received for all work complete and must be submitted on forms prepared and furnished by said Division of Architecture.

Cash, a bidder's bond, made payable to the State of California, or a certified check made payable to the "State Engineer, Department of Public Works," in the sum of at least ten per centum (10%) of the amount of the bid, must be enclosed with each bid.

A deposit of Twenty-five ($25.00) Dollars will be required on plans and specifications, the deposit to be remitted on the return of plans and specifications to the said Division of Architecture, at Sacramento, California, in good condition.

The Division of Architecture, State Department of Public Works reserves the right to reject any or all bids and waive any informality in any bid received.

The construction work of said Buildings has been placed on a days labor basis and on said basis, the work herein referred to, as a sub-division of said construction, is to be let by contract.

All bids must be addressed to Geo. B. McDougall, State Architect, Chief, Division of Architecture, Forum Building, Sacramento, California, and plainly marked on the envelope: "Proposal for HOME ECONOMICS BUILDING AND MANUAL ARTS BUILDING, SAN JOSE STATE TEACHERS COLLEGE, SAN JOSE, California."

STATE DEPARTMENT OF PUBLIC WORKS, DIVISION OF ARCHITECTURE,

GEO. B. McDOUGALL,
State Architect.
R. M. MORTON,
Director of Public Works.

BIDS WANTED FOR GATEWAY

NOTICE TO CONTRACTORS

TREASURY DEPARTMENT, Office of the Supervising Architect, Washington, D. C., Jan. 23, 1923—SEALED PROPOSALS will be opened in this office at 2 P. M., Feb. 20, 1923, for the construction of a gateway at the United States Veterans Hospital No. 24 at Palo Alto, Cal. Drawings and specifications may be obtained from the Superintendent of Construction at the building or at this office, in the discretion of the Supervising Architect. JAS. A. WETMORE, Acting Supervising Architect.

NOTICE CALLING FOR BIDS FOR COMPLETION OF BANDSTAND

The Board of Park Directors of the City of Oakland will receive sealed bids for the completion of bandstand in Lakeside Park, at Room No. 407, City Hall, on **Tuesday, February 6th, 1923, between the hours of 1 and 2 o'clock p. m.** Specifications therefor and form of proposal will be furnished by the Secretary on application. A bond of $4500 for faithful performance of contract to be given by the successful bidder. Contract to be entered into within ten (10) days after award thereof and completed within sixty (60) days. Certified check for 10% of amount of bid to accompany each proposal.

BOARD OF DIRECTORS,
By Henry F. Vogt, Secretary.

NOTICE TO BIDDERS

(Steel Lockers)

The Board of Trustees of the Madera Union High School will accept bids up to **7:30 p. m., Monday, February 12, 1923** for the following equipment:

No. 1—Steel lockers; 10 12x12x36-in. Berloy Steel lockers, with No. 51 lock, color 1300, single faced and 50 12x12x36 in. Berloy Steel lockers with No. 51 locks, color 1300, double faced.

No. 2—Chairs; 6 dozen Vienna chairs, Weber No. 807 16-in.

Bids for No. 1 and No. 2 must be separate.

GEO. MARCHBANK,
President.
(Signed)
G. M. SHEDD,
Secretary.

Board of Trustees of Madera Union High School.

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Engineering News Section

BRIDGES, DAMS & HARBOR WORK

VALLEJO, Solano Co., Cal.—The Rodeo-Vallejo Ferry Company has awarded a contract to repair the slip at the foot of Georgia street in Vallejo to the Bay Construction Co., Bacon Bldg., Oakland. Coat approx. $10,000.

SALEM, Ore.—Oregon State Highway Commission with file application with Federal Government for permit to erect single leaf bascule type bridge over Lewis and Clark river near Astoria, est. cost, $200,000; clearance to be 100-ft. at lift span and approx 600 ft. in length.

PHOENIX, Ariz.—Lynn S. Atkinson, Jr., P. O. Box 118, Phoenix, Ariz., is in the market for 10,000 sq. ft. of interlocking sheet piling, long lengths and heavy section preferred. Quote immediately, giving full information as to condition, length, size, previous use, price, etc.

OAKLAND, Cal. — Alameda County supervisors will call election in April or May to vote bonds to finance construction of a tube under the estuary at Webster street, the Governor having signed an emergency measure correcting the tube act making it constitutional and giving the supervisors exclusive power to construct. County Surveyor Geo. A. Posey will be instructed to prepare plans and specifications at the next meeting of the supervisors. The project will cost in the neighborhood of $3,500,000.

SAN MATEO, San Mateo Co., Cal.—John Lyle Harrington, a member of the firm of Harrington, Howard and Ash, engineering contracting firm of Kansas City, will ask the San Mateo county supervisors for a franchise to construct a second toll bridge across the southern end of San Francisco Bay at Dumbarton Point. Will be approx. 5500 ft. long, terminating near the mouth of Beard Creek in Alameda, beginning at Dumbarton Point, San Mateo county and will run parallel to the S. P. Bridge across Dumbarton straits Est. cost $2,000,000, which amount is available.

NAPA, Napa Co., Cal.—Until Feb. 26, 7:30 P. M., bids will be rec. by H. H. Thompson, City Clerk, to const. Milliken Creek Dam and appurtenances. A. Kempkey, consulting engineer, Hobart Bldg., San Francisco. **For further particulars see call for bids under official proposal section in this issue.**

PORTLAND, Ore.—Until Feb. 26, 10 A. M., bids will be rec. by Multnomah County Commissioners, Chas. S. Rudeen, chairman, to repair Morrison bridge drawspan over Willamette river, involv. approx. 202,000 lbs. structural steel. Est. cost, $50,000. Cert. check 5% payable to Bd. of County Comm. req. with each bid. Plans obtainable from County Roadmaster's Office, Court House, deposit of $10.

IRRIGATION PROJECTS

CALIFORNIA.—Federal Power Commission has granted preliminary permits to Starr, Thebo & Anderton, engineers, Sharon Bldg., San Francisco, for a period of two years covering projects in Superior California.

On covera a proposed project on the South Fork of American River near Placerville, consisting of a dam about 290 feet high creating a reservoir with a capacity of a half million acre feet. A short-conduit will lead from the dam to a power house on the river with an estimated installed capacity of 25,000 horsepower.

The other permit covers a project on McCloud River, consisting of two dams located respectively six and nineteen miles above its mouth with power houses built below each dam, in which an installation of approximately 200,000 horsepower is contemplated.

DIXON, Solano Co., Cal.—J. H. Petersen, of Dixon, heads movement to establish irrigation district and has available reports of Eng. F. C. Herrmann on so-called East Dixon Irrigation District and Putah Creek District. Former district comprises 60,000 acres, running west from Sacramento river by-pass to 2-mi. west of Dixon; irigation and drainage district to cost $2,500,000 or $37.40 per acre. Plan of supplying to highest contour of 70 ft. includes five pumping lifts. Reservoirs would be built at Monticello and Gwenoc to impound water for irrigating 70,000 acres bet. Dixon and Winters at a cost of $86 an acre, with maintenance and operation at $6.90 an acre. It would require five years for building.

PLACERVILLE, El Dorado Co., Cal.—El Dorado County Irrigation Committee will hold meeting Feb. 10 at Diamond Springs to consider plans for an irrigation project. El Dorado Water Corp., has option on Diamond Ridge Water Co. properties at purchase price of $50,000. Committee, as trustee for the people, has agreement with Water Corp., a farmer's cooperative organization, whereby the corp. will develop rights for benefit of county. Engineer R. W. Hawley recommends expenditure of $166,000 for purchase of Hazel Valley, repair and construction of canals and ditches and the purchase of the Diamond Ridge holdings, providing water for an immediate minimum of 6000 acres of land. County Irrigation Committee has filings with State Division of Water Rights on 330 second feet of stream flow on the Cosumnes River, Park Creek and Clear Creek and sufficient run off and storage to irrigate 40,000 acres of land.

CHICO, Butte Co., Cal.—Work will be started shortly by crews of the Pacific Gas and Electric Co., I. B. Adams, local representative, on nine miles of flume and ditch between De Sabla and Centerville whereby a considerable portion of box flumes will be replaced with new units; est. cost $7165.

LIGHTING SYSTEMS

ANAHEIM, Orange Co., Cal.—Until 8 p. m., Feb. 8, bids will be received by City Clerk Edw. B. Merritt for 20 40-ft. red cedar poles with 8-in. tops and 65 35-ft. poles with 7-in. tops. The poles shall be subjected to a treatment known as class B butt treatment. Spec. on file at office of the city clerk. Cert. check or bond 10%.

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BERKELEY, Alameda Co., Cal.—Until Feb. 16, 10 a. m., bids will be rec. by E. M. Hann, city clerk, to install 151 electroliers, transformers, globes, lamps and tops with complete underground cable and conduits in University Ave., bet. Grove and 2nd Sts. and in San Pablo Ave., from south boundary to north city limits. Work under 1911 Act. Cert. check 10% payable to city required. C. L. Huggins, city eng.

REDLANDS, San Bernardino Co., Cal.—Rec. of inten. adopted by city trustees to construct lighting systems in the following streets:

Cajon St., betw. Olive and Franklin Aves., involv. 84 ornamental posts; No. 345.

Eureka St., betw. Brookside and Cypress Aves., involv. 52 posts; Brookside Ave., betw. Center and Third Sts., involv. 32 posts and Grant St., betw. West Fern Ave. and Home Pl., involv. 8 posts; No. 343.

Work will be done under 1911 street lighting act. C. P. Hook, City Clerk.

PASADENA, L. A. Co., Cal.—W. A. McNally Co. was awarded the contract at $11,536 for constructing lighting systems on Madison Ave. from Colorado to Fillmore Sts. and at $2675 for similar work on E Colorado St., from Marengo to Los Robles Ave. Other Madison Ave. bids were: Paulson Co., $13,481; C. W. Sparke, $13,852.48; So. Cal. Elec. Co., $13,333; H. H. Walker, $12,869; D. S. McEwan, $14,339. Colorado St. bids Paulson Co., $1183; So. Cal. Elec. Co., $1411; C. W. Sparke, $3997.75; H. H. Walker, $3942; D. S. McEwan, $4625.

MACHINERY

EL MONTE, L. A. Co., Cal.—Until Feb. 15, new bids will be received by city trusteea for pump and motor for the city water department in accordance with plans and specifications previously advertised. The bids received were rejected.

HANFORD, Kings Co., Cal.—Horlick-Clow Co., Hanford, at $1400 awarded contract by city trustees for fur. 2 No. 7 Single Stage, two passage enclosed raw sewer runner pumps, each mounted on extended cast iron base not wider than 36 in. and fitted with flexible couplings for motor connection, each pump being directly connected to a 10 h. p. 900 r. p. m., three phase, 220 volt 40 degree motor not re-rated accompanied with hand compensator.

PASADENA, L. A. Co., Cal.—The following bids were received by the Pasadena city clerk: U. S. Cast Iron Pipe & Foundry Co., item (1) (Class B, 12-ft. lengths) 1476 ft. 16-in., $56.14 ton; 4680 ft. 12-in., $55.64 ton; 10,260 ft. 8-in. $55.64 ton; 11,400 ft. 6-in., $55.64 ton; 2.5 tons 16-in. Class B ftgs., 5½c lb.; 13.5 tons 6 to 12-in. Class D ftgs. 5½c lb. Item 2, 2052 ft. 20-in. Class B pipe, $56.14 ton; 4104 ft. 16-in. $56.14 ton; 12,000 ft. 12-in., $55.64 ton; 12,000 ft. 8-in., $55.64 ton; 16,000 ft. 6-in., $55.64 ton; 900 ft. 4-in., $59.64 ton; 10 tons 16 and 20-in. Class B ftgs., 5½c ton; 11.5 tons 6 to 12-in. Class Dd ftgs., 5½c lb.; 1 ton Class B ftgs., 6c lb. R. D. Wood & Co., 4-in., $60 ton; 6, 8, 10, 12, 16, 20-in., $56 ton; B. & S. ftgs., $120.

INGLEWOOD, L. A. Co., Cal.—Until 8 p. m., Feb. 13, bids will be received by city trustees for the following equipment: (1) one deep well turbine centrifugal pump with 900 gal. per min. capacity, (2) one 440-volt 40 h. p. electric motor; bids may be submitted on either or both above items. Cert. check or bond. Otto H. Duelke, city clerk.

SANTA ANA, Orange Co., Cal.—City Clerk, E. L. Vegeley has been instructed to advertise for bids for a 1500-gal. a minute booster pump to be installed at the 6th and Olive St. pumping station. Est. cost $1500.
R & E

SAN FRANCISCO—Board of Public Works will shortly ask bids to reconst. a Lund street sweeping machine. Authorization of the Supervisors is awaited. M. M. O'Shaughnessy, city eng.

ABERDEEN, Wash.—Central Foundry Co., Rialto Bldg., San Francisco, at approx. $40,000 awarded contract for furn. city with pipe for auxillary water main in residential district. Rennsaler Co. awarded contract for valves over 8-in., and the exclusive contract for hydrants Crane Co. awarded contract for valves under 8-in.

ALHAMBRA, Cal. — Chapman Valve Mfg. Co., awarded contract by city commission for gate valves as follows: (1) 64 4-in. at $8.50 each, (2) 54 6-in. at $14.60 each, (3) 12 8-in. at $24.25 each, (4) 5 12-in. at $56.20 each, (5) 2 14-in. at $81.40 each, (6) 4 16-in. at $105.30 each, (7) 3 18-in. at $157.50 each. Other bids were:

Shinn-Holtz-Lyon Co. (1) $8.19, (2) $14, (3) $25, (4) $53.75, (5) $74.23, (6) $1[illegible].

Water Works Supply Co. (1) $10.65, (2) $19.45, (3) $28.75, (4) $52.60, (5) $88.60, (6) $107.05, (7) $134.70.

Smith-Booth-Usher Co. (1) $7.31, (2) $12.50, (3) $20.77, (4) $48.09, (5) $66.56, (6) $96.18, (7) $130.81.

Crane Co., (1) $8.96, (2) $15.81, (3) $25.31, (4) $58.50, (5) $81.15, (6) $116.83, (7) $158.76.

Mark-Lally Co., (1) $8.18, (2) $14.97, (3) $24.56, (4) $57.64, (5) $76.64, (6) $105.21, (7) $137.21.

VANCOUVER, B. C.—Of the $140,000 to rebuild the plant and mill of the False Creek Lumber Co., Ltd., 963 Sixth Ave., Vancouver, $125,000 will be expended for machinery and equipment; all will be steam driven. A Corliss compound engine of 400 H. P. has been purchased from the Vancouver Engineering Works and the contract for boilers awarded to the Ross and Howard Iron Works. The False Creek Co. is now in the market for a rotary headsaw, 10 by 60-in. edges, a roller reband saw, a 24 by 30-in. timber planer, turners and other minor pieces. John Menzies is president of the company.

PASADENA, Cal.—Until 11:30 a. m., Feb. 13, bids will be received by city directors for (1) 30 4-in., 60 6-in., 50 8-in., 14 12-in., and 4 16-in. hub end gate valves; (2) 100 6-in. hub screw end gate valves; (3) 3 24-in. and 1 20-in. spur geared gate valves. Cert. check 10%. Bessie Chamberlain, city clerk.

FRESNO, Fresno Co., Cal.—Board of Park Commissioners contemplate purchase of pipe in unimproved forty acre section of Roeding Park. Members of the board are: Geo. C. Roeding, Chas. Harkness and Mrs. Frank Short

MODESTO, Stanislaus Co., Cal.—Until Feb. 14, 7:30 p. m., bids will be rec. by L. A. Love, city clerk, for fur. and del. one transit and tripod for Dept. of Public Works. Tripod to be hardwood with split leg and screw coupling; transit of "U" shape standard type without compass needle. Telescope of transit shall be not less than 9½-in. or more than 11½-in. in length, with a magnifying power, 20 to 24 dia. Cert. check 10% payable to Mayor required with each bid.

EL MONTE, Cal—Until 8 p. m., Feb 15, bids will be received by city trustees for one centrifugal booster pump to furnish 900 gal. per min. with a total lift of 160 ft.; one 50 h. p. 220 volt horizontal direct connected 40 degree motor and starter. Plans and spec. may be obtained at office of City Engr. O. A. Gierlich, 209 National Bank Bld., Monrovia.

LOS ANGELES, Cal.—Edw. R. Bacon Co., 165 E Jefferson St., awarded contract by public service commission at $1956 for six Troy Ajax dump wagons; delivery: 2 immediately, balance in 21 days. The same company awarded contract at $1945 for one concrete mixer.

SAN FRANCISCO — The Aluminum Company of America was awarded the contract to supply approximately 530 miles of aluminum reinforced cable wire for the hydraulic electric power transmission line from Moccasin creek, of the Hetch Hetchy project, to San Francisco. The Aluminum Company was the sole bidder, offering the wire for $350,000 (530 miles of wire at .215c per pound).

SACRAMENTO, Cal. — City Commissioners will call election to vote bonds of $2,000,000 a portion of which will finance the purchase of a garbage incinerator of modern type. H. G. Denton, city clerk and Albert Givan, city engineer.

GERLACH, Nevada—Pacific Portland Cement Co., Pacific Bldg., San Francisco, will generate power for its new plant here with Diesel engines. The company plans extensive improvements. A townsite comprising a hotel, auditorium, cottages, etc. is proposed.

LOS ANGELES, Cal.—Edward R. Bacon Co., 165 E Jefferson St., submitted low bid to public service commission, at $1945 for furnishing conc. mixer of non-tilting or drum type of 14 cu. ft. capacity. Other bids were: W. A. Bremer, $1950; Essick & Co., $2080; California Equipment & Supply Co., $2040; Concrete Machinery & Supply Co., $2389; Brown-Bevis Co., $2425; Harron, Rickard & McCone, $2750.

VANCOUVER, B. C.—City Eng. F. L. Fellowes will ask bids shortly for fur. 3100 ft. 16-in. riveted steel water pipe; est. cost, $36,000.

ALHAMBRA, Cal. — Water Works Supply Co., Wright & Callender Bldg., Los Angeles, awarded contract by city commission at $68 each for 60 4-in. fire hydrants. Bids were taken on both 4-in. and 6-in. and in this case both bids were the same. Other bids were: Crane Co., 4-in. $60, 6-in. $66; Keystone Iron & Steel Co., 4-in. $66.50; 6-in. $66.50.

RAILROADS

LOS ANGELES, L. A. Co., Cal.—Until 10 a. m., Feb. 16, bids will be received by harbor comm., 312 Byrne Bldg., L. A., 3rd and Broadway for track material under spec. No. 445. Guy W. Wade, Secretary.

SAN FRANCISCO—Board of Supervisors has appropriated $266,000 and authorized Board of Public Works to ask bids to const. extension of Municipal Rlwy. system from Sloat Blvd., to Farallones St., and Plymouth Ave. M. M. O'Shaughnessy, city eng.

SAN MATEO, San Mateo Co., Cal.—San Mateo-Hayward Belt R. R. Co. is being organized in this city, according to Daniel C. Imboden, manager of the Three Cities Chamber of Commerce. Company will operate railroad lines across the Little Coyot Point bridge to be constructed by Frank Elbridge Webb and Eastern associates. Railroad company will maintain yards in San Mateo and Hayward and will handle all railroad freight transported over the bridge.

BATTLE MOUNTAIN, Nev. — Stockholders of the Betty O'Neal Mines, operating immediately south of Battle Mountain, have voted to construct a branch railroad from Lewis Junction on the Nevada Central, extending from Battle Mountain to Austin, a distance of 9 miles over flat country. Noble H. Getchell is general manager of the company.

FIRE EQUIPMENT

SACRAMENTO, Cal. — Bond election will be called to vote bonds to finance extension of police and fire alarm systems throughout city and for purchase of additional fire equipment. Albert Givan, city eng.

WOODLAND, Yolo Co., Cal.—On recommendation of Volunteer Fire Dept., city trustees will call election to vote bonds of $22,000 to purchase motorized fire department.

DELANO, Kern Co., Cal.—Bonds of $15,000 voted at recent election to finance purchase of fire equipment.

SEWERS, STREET WORK, ROADS & WATER SYSTEMS

CALIFORNIA — State highway contracts totaling $1,722,000 have been cancelled by the State Highway Commission. The cancellations are said to be in line with the policy of the commission pending a thorough investigation of the financial conditions of road funds. The contracts cancelled include the following: For grading 7.44 miles at a point between Mogu and Hindge Ranch road on the coast of Ventura County. This contract aggregated $622,000 and was awarded by the old commission on December 19th, 1922. No work on this contract has thus far been undertaken. The R. T. Shea contract for 14.15 miles of asphalt macadam in Madera County, between the westerly boundary and Califa. This contract, which aggregated $300,000, was awarded by the old commission December 19th, 1922.

Contract awarded to George D. Pollock of Sacramento, for work in Monterey County from Anderson Canyon to Sur River. The reason for this, according to the commission, is the depleted condition of the funds and the fact that the large amount involved and the purposes served do not justify the expenditure. The Pollock contract was awarded August 1st inst and approximates $800,000, with a clause covering additional yardage costs, which may easily double the cost of the road, according to the announcement of the commission.

SANTA ANA, Orange Co., Cal.—Griffith Co., L. A. Ry. Bldg., Los Angeles, submitted low bid to county supervisors Jan. 23, at $77,400 for improving certain roads in Rd. Imp. Dist. No. 17, involv. 312,614 sq. ft. 5-in. asph. conc. pavement with Willite surface. Unit price complete was 2.04c sq. ft. County furnishes sub-base gravel amounting to $4000. Other bids were: Geo. R. Curtis, $80,000; Steele Finley, $87,000; Braun, Bryant and Austin, $82,100. Engr's. est., $78,800. All bids were rejected except that of Griffith Co., which was taken under advisement until January 30.

SAN DIEGO, San Diego Co., Cal.—City council awarded contracts January 22 for street improvements as follows:

V. A. Olson, 4135 Florida St., at $2798.40 for paving alley in block 205, University Hts.

G. R. Daley, 4430 Boundary St., at $10,530.49 for paving Hawk St., Douglas St., Ibis St. and Ibis Ct.

Calif. Constr. Co., 628 Granger Bldg., at $8990.59 for paving 18th St., betw. C St. and Balboa Park.

Warren Constr. Co., P. O. Box 1082, San Diego, at $22,153.75 for paving Chatsworth Blvd., Curtis and Lytton Streets.

Bids for these contracts were issued January 19.

OROVILLE, Butte Co., Cal. — Bids will be received until Feb. 6, 1923 at 1:45 p. m., by C. F. Belding, clerk of Butte County, for the construction of certain road work on the Nelson-Biavo county bond road, near the town of Nelson. Plans and spec may be obtained from the Co. road engineer.

SAN FRANCISCO—Until Feb. 14, bids will be received by Board of Public Works to construct boulevard connecting Lincoln Park and Sutro Heights; est. cost $60,000, involv. 55,966 cu. yds. 1:3:6 conc. retaining walls, culvert walls and gutters; 3110 cu. yds. crushed rock or gravel surface; 150 lin. ft. 15-in. Armco iron culvert encased in conc.; 230 lin. ft. 15-in. iron stone pipe; 2250 lin. ft. wood guard fence. Spec. obtainable from City Eng. M. M. O'Shaughnessy, 3rd floor, city hall.

SANTA CRUZ, Santa Cruz Co., Cal.—Until Feb. 6, 9 p. m., bids will be rec. by S. A. Evans, city clerk, to imp portions Woodrow Ave., grading and paving with 6-in. conc.; conct. storm water culverts of corru. metal pipe, vit. clay pipe and comb catchbasins and manholes. Cert. check 10% payable to city required. James K. James, city eng.

RIO VISTA, Solano Co., Cal.—Municipal Improvement Co., 306 12th St., Oakland, at approx. $115,000 awarded contract by city trustees to pave several streets. C. E. Sloan, engineer, Santa Fe Bldg., San Francisco.

LOS ANGELES, Los Angeles Co., Cal.—Ord. of Inten. No. 45,459 adopted by city council, Jan. 17, to improve Van Ness Ave., betw. Sunset Blvd. and La Mirada St., involv. 48,616 sq. ft. 6-in. concr. paving; 62,072 sq. ft. Warrenite-bitul. paving; 47,680 sq. ft. Warrenite paving with concr. base; 2798 ft. curb, 4622 sq. ft. walk; 5104 sq. ft. gutter; 390 sq. ft. Warrenite-bitul. surface; 6470 cu. yds. excav.; san. sewer; reinf. concr. culvert; Vrooman Act.

TULARE, Tulare Co., Cal.—City trustees plan to pave Pine street with concrete for a distance of approximately 8 blocks.

SAN JOSE, Santa Clara Co., Cal.—City Council, J. J. Lynch, clerk, declares intention to improve Autumn St. bet. Santa Clara and Julian Sts., by grading; paving with 1½-in. Durite asph. conc. wearing surface on 3-in. Durite asph. conc. base; hyd. conc. curbs and gutters; also San Augustine St. by paving with Durite asph. conc. base of various thicknesses; 2 br catchbasins; 8-in. vit. pipe drains. 1911 Act. Protests Feb. 26. Wm. Popp, city eng.

WATTS, L. A. Co., Cal.—J. G. Beckjord, 718 San Fernando Bldg., Los Angeles, who was awarded the contract at $445,000 for constructing city sewer system, has signed the contract.

SACRAMENTO, Cal.—Bids will be received until February 8, 1923, 9 P. M., by H. G. Denton, City Clerk of Sacramento, for imp. the Alley bet. K and L streets from 4th to 5th streets with 10-in. vit. ironstone pipe sewer with 6" wye branches and services, concrete manhole with c. l. cover, grading, paving with 7" hydraulic conc. pavement, etc.

WATTS, L. A. Co., Cal.—Geo. R. Curtis, 2440 E 26th St., was awarded contracts by city trustees at 24.9c sq. ft. paving; $1.50 lin. ft. grading; 75c ft. curb; 35c sq. ft. gutter and 25c sq. ft. walk, for improving the following streets:

Fountain and Ransfaur Sts., involv. 170,627 sq. ft. 4-in. Willite paving; 5402 lin. ft. grading; 9300 lin. ft. Class A curb; 10,804 lin. ft. conc. gutter.

Arland Ave., involv. 111,980 sq. ft. 4-in. Willite paving; 700 sq. ft. conc. walk; 200 lin. ft. class A curb; 2765 lin. ft. grading; 5530 lin. ft. concrete gutter.

Braun, Bryant & Austin, bid 26.25c paving, $1.50 grading, 75c curb, 37c gutter, 25c walk.

MADERA, Madera Co., Cal. — City trustees plan early paving of Yosemite Ave., bet. 6th and B Sts.

FRESNO, Fresno Co., Cal.—Until Feb. 8, 2:30 p. m., bids will be received by R. Y. St. George, city clerk, to improve, under 1911 Act: Pine St., bet. Moroa and Lucerne and Floradora bet. Lucerne and Van Ness by grading, conc. curos, gutters and walks; corru. culverts with culv. manholes; paving with 3½-in. asph. conc. base with 1½-in. Warrenite-Bit. surface; 4-in. vit. clay pipe sewer connections.

Separate bids, same date, to improve Belmont Ave., bet. Fresno and First St., by grading, conc. curbs, gutters and walks; corru. culverts with culv. manholes; paving with 3½-in. asph. conc. base with 1½-in. Warrenite-Bit. surface. Cert. check 10% payable to City required. Wm. Stranahan, city eng.

CRESCENT CITY, Del Norte Co., Cal. J. A. Dowling, Call Bldg., San Francisco, at approx. $171,000 awarded contract by city trustees to pave several streets with asphalt macadam. C. C. Kennedy, engineer, Call Bldg., San Francisco.

VENICE, L. A. Co., Cal.—Res. of Intention No. 929, adopted by City trustees to construct 12-in. vit. pipe outfall sewer in Speyway, between Horizon Ave. and Zephyr Ct.; also 14-in. vit. pipe outfall sewer in Horizon Ave., betw. Coral Canal Walk and Coral Canal; 6-in. vit. house sewers; 1911 Act. T. H. Hanna, city clerk.

SAN DIEGO, L. A. Co., Cal. — City council has voted to employ A. P. Davis, director of U. S. Reclamation service, to solve San Diego's water problems. He will be asked to make a comprehensive survey and report of the city's available supply and best means for utilizing it.

INGLEWOOD, L. A. Co., Cal.—Until 8 p. m., Feb. 19, bids will be received by city trustees for constructing portions of a water system as follows: (1) steel stand pipe, 84 ft. high, 25 ft. dia.; (2) 150,000 gal. elevated hemispherical bottom steel water tank and tower; proposals (1) and (2) must be entirely separate bids. Cert. check or bond 10%. Arthur Cory, city engr.

LYNWOOD, L. A. Co., Cal. — Until 8 p. m., Feb. 14, bids will be received by city clerk, J. H. Murray, for improving the following streets:

Beachwood, Mulford, Sanborn, Platt, Fern, a portion of Long Beach Blvd., involving 61,850 sq. ft. concrete walk; 15,870 cu. cement curb; 17,700 sq. ft. cem. gutter; 170,370 sq. ft. oiled roadway; 36,200 sq. ft. 4-in. oiled macadam; cem. gutter; 53,900 sq. ft. 4-in. oiled macadam; 12,800 sq. ft. walk; 2770 ft. cem. curb; 3230 sq. ft. cem. gutter; 53,900 sq. ft. 4-in. oiled macadam; one corru. iron and conc. culvert.

Work will be done under 1911 Act and 1915 Bond Imp. Act. Plans and spec. may be obtained from Edw. M. Lynch, engr., 1102 Central Bldg., Los Angeles, upon deposit of $2.

PASADENA, L. A. Co., Cal.—Clarence P. Day, Boston Bldg., Pasadena, has contracts and work has been started on subdivision projects as follows: $60,000, street, water and sewer work on a 100-acre site, to include bungalow courts and dwellings, in Santa Paula, for the McKevitt Corp.; a $30,000 street work, cover paving and gutters e. of the high school in Burbank, for private owners, and the first division of an eventual $200,000 grading and concr. project in the Silver Lake Terrace subdivision in Los Angeles.

LOS ANGELES, Cal.—Griffith Co., I. A. Ry. Bldg., L. A., submitted only bid to board of public works Jan. 22, and was awarded contract Jan. 24 at $37,320.70 for improving Leeward Ave., bet. Hoover St. and Vermont Ave., involv. 107,716 sq. ft. grading to finish subgrade at 5c ft.; 84,591 sq. ft. asph. paving at 23.5c ft.; 24,125 sq. ft. conc. paving at 22c ft.; 553 ft. curb at 65c ft.; 4382 sq. ft. walk at 20c ft.; 4283 sq. ft. gutter at 26c ft.; storm drain, catch basins, etc., $2750; san. sewer manhole $200; 582 ft. house sewers at $1.50 ft.; 748 sq. ft. asph. resurfacing at 10c ft. Engr's est., $38,298.53.

SAN FRANCISCO—Clinton Constr. Co 136 Townsend St., at $115,784 (revised bid) awarded contract by Board of Public Works to constrnct Army St sewer extension.

LOS ANGELES, Cal.—Until 11 a. m., Feb. 13, bids will be received by county supervisors for improving Belvedere, Budlong and other avenues and streets, 2412 ft. or .46 mi. (R. D. I. No. 229), involving 4560 cu. yds. excav., 72,360 sq. ft. shaping roadway, 8040 yds screenings; 4992 ft. curb, 20,172 sq. ft. walk, 4.15 yds. conc. in catch basins, 57 ft. 15-in. conc. pipe. Materials required are: 631 bbls cem., 263 tons sand, 395 tons gravel, 10 bbls. oil, 148 lbs. lamp black, 113 tons screenings, 115 lbs. steel reinf., 3 std. conc. covers, 48 rolls roofing felt, 165 curb expan. points, 165 walk expan. points. Est. contract price, $11,483. Average haul to job 1½ mi. from Delta on P. E. Ry.

SAN FRANCISCO — Supervisors requested by Board of Public Works to authorize construction of high pressure system in Jones St., bet. Beach and Jefferson and in Jefferson St., bet. Jones and Leavenworth; est. cost $18,000, exclusive of pipe and fittings to be furnished by Board of Public Works. M. M O'Shaughnessy, city engineer.

SAN JOSE, Santa Clara Co., Cal.—City Council, J. J. Lynch, Clerk, declares intention to imp. 11th St., bet. Virginia and Martha; grading, paving with 1½-in. Warrenite-Bit. surface on 3-in. bt. conc. base; conc. curbs and gutters; br. catchbasins; 8-in vit. pipe drains. 1911 Act and Bond Act 1915. Protests Feb. 26. Wm. Popp, City Eng.

LOS ANGELES, Cal.—Until 11 a. m., Feb. 13, bids will be received by county supervisors for grading and oiling 2.15 mi. highways and streets, including Normandie and Russell Aves. and Juliet St. and portions of other streets, 11,359 lin. ft. (R. D. I. No. 226), involv. 7711 cu. yds. excav., 44,390 sq. yds. placing and rolling screenings, 44,390 sq. yds. placing and rolling screenings, 44,390 sq. yds. shaping and rolling roadway. Materials required are: 444 tons screenings and 523 bbls. oil. Average haul, 6 mi. from Delta on P. E. Ry. Est. contr. price, $14,670.

LINDSAY, Tulare Co., Cal.—Gundlach Plumbing Co., Taft, awarded cont. by City Trustees to const. 5,000 ft. sewers. H. D. Watts, City Eng.

BRAWLEY, Imperial Co., Cal.—Until 7:30 p. m., Feb. 8, bids will be received by Brawley union high school district for paving and curbing the east half of Imperial Ave. adjacent to union high school property. Spec. from A. L. Seble, clerk. Cert. check or bond 5%.

SACRAMENTO, Cal. — City Council H. G. Denton, clerk, declares intention to improve alley bet. O and P, 28th and 29th Sts., by const. conc. catchbasin with c. l. curbs and covers and 6-in. vit. sewer connections; extend 6-in. vit. sewers to property line; reconst. manhole; paving with 5-in. hyd. conc. 1911 Act. Protests Feb. 15. Albert Givan city engineer.

OAKLAND, Cal.—City council, E. K Sturgis, clerk, declares intention (No. 25738) to improve portions of 89th Ave., and D St., by grading; const. conc. curbs and gutters; paving with oil macadam; 10-ft. wide wood culvert; 4 wooden wing walls, 3 wood culverts, ea. 6x20-in.; 3 corru. iron and conc. culverts. 1911 Act. Protests Feb. 15.

Intention declared to improve Walnut Ave., bet. 55th and Seminary Ave., by grading; const. conc. curbs, gutters and walks; 3 conc. arch culverts; 3 conc. end walls; c. l. hand hole and 2 c. l. inlets. 1911 Act. Protests Feb. 16. W. W. Harmon, city eng.

YUBA CITY, Sutter Co., Cal.—Petitions are being circulated seeking the paving of Third St., bet. E and I Sts. W. M. Meek, city eng.

SAN FRANCISCO—Until Feb. 14, 3 p m. bids will be received by Board of Public Works for following street improvements:

Vicente St., bet. Forestside and 19th Aves., est. cost, $60,000, involv. 19,692 cu. yds. cut; 8225 cu. yds. fill; 500 lin. ft. 8-in., 680 lin. ft. 12-in., 410 lin. ft. 15-in., and 275 lin. ft. 18-in. ironstone pipe sewer; 19 8-in., 35 15-in., and 10 18-in. wye branches; 7 brick manholes; 610 ft. 10-in. culvert; 17 brick catchbasins; 3240 lin. ft. conc. curb; 93,155 sq. ft. asph. conc. pavement and 3100 sq. ft. art. stone walks.

Bonview ave., from Eugenia Ave., northwesterly involv. 1192 cu. yds. cut; 185 cu. yds. fill; 11,700 sq. ft. concrete pavement; 1908 sq. ft. asph. conc. pavement; 1003 lin. ft. conc. curb; 3 catchbasins; 45 lin. ft. 10-in. sewer; 20 lin. ft. 8-in. ironstone pipe sewer; 380 sq. ft. art. stone walks.

Crossing Munich and Persia, involv. 80 cu. yds cut; 88 lin. ft. conc. curbs; 3604 sq. ft. asph. conc. pavement; 30 lin. ft. 12-in. pipe sewer; 124 lin. ft. 10-in. pipe culvert; 4 brick catchbasins; 554 sq. ft. art. stone walks.

Ocean Ave., bet. Delano and Mission Involv. 33,723 sq. ft. art. stone walks. field, involv. 1330 lin. ft. conc. curb; 9000 sq. ft. conc. pavement and 10,950 sq. ft. asph. conc. pavement.

Green St., from Kearny easterly, involving 551 sq. ft. art. stone walks.

Spec. obtainable from city engineer's office. M. M. O'Shaughnessy, 3rd floor, city hall.

SAN JOSE, Santa Clara Co., Cal.—City council orders paving of 2 blocks of N 5th St., and one block in Balbach St. Wm. Popp, city eng.

GLENDALE, Cal.—Petitions for the imp. of Glendale Ave. bet. San Fernando Rd. and Lexington Dr. are in circulation.

RENO, Nevada. A tentative sidewalk, curb and gutter program has been outlined by the city council covering the First, Second, Fourth, Fifth and Sixth Wards. Harry Chism, city engineer.

MADERA, Madera Co., Cal. — City trustees order paving of four blocks of West Yosemite St., three and one-half blocks of Sixth St., and half block in B St. Sewer extensions have also been ordered in the northern section of the city.

SPOKANE, Wash.—City Eng. A. D. Butler preparing spec. extend Northwest Blvd., arterial highway from Kiernan Ave. to connect with the macadamized Nine Mile road, est. cost $50,000; to be paid from county road fund.

LOS ANGELES, Cal.—Geo. H. Oswald, 366 E. 58th St., submitted low bid to board of public works to improve Vermont Ave., bet. Fountain and Fourth St., involv. 885 sq. ft. conc. paving incl. grading at 35c ft. 20 ft. curb at 90c ft.; 28,279 sq. ft. walk at 25c ft.

YUBA CITY, Sutter Co., Cal.—Chas. W. Deterding, Sacramento county engineer, has been commissioned by the Sutter county supervisors to prepare spec. to grade and pave the proposed Sacramento-to-Sutter highway to connect with the already established portions of the boulevard in Sacramento and Sutter county.

LOS ANGELES, Cal.—M. P. Rudinica, 427½ W. Temple St., and Chas. T. Sabin, submitted identical bids to board of public works at $2700 to const. storm sewer in first alley n. or Bellevue Ave. bet. Andrews and Occidental Blvds. M. Simunovich bid $3450.

C. E. Green low bidder at $7790 to sewer Mercury Ave., bet. Beryl St. and Rowan. Other bids were: Mike Radich, $8563; Nick Chutuk, $8700; Nick Hebek, $9100; JoJhn Artukovich, $9380.

LOS ANGELES, Cal.—Warren Constr. Co., 629 Citz. Nat. Bank Bldg., L. A. submitted low bid to board of public works to improve Ridgewood Pl., bet. Elwood and Beverly Blvd., involv. grading at $658 (lump sum); 18,802 sq. ft. Warrenite-Bit. paving at 25.5c ft. Other bids were: Geo. R. Curtis, $1000 grading; 25c paving; Geo. H. Oswald, $700 grading, 26.5c paving.

LOS ANGELES, Cal.—George R. Curtis, 2440 E. 26th St., submitted low bid to board of public works, to imp. 1st St., bet. Rampart Blvd. and Vermont Ave., involving grading to finish subgrade at 9c ft.; 271,465 sq. ft. asph. pav. at 24c ft.; 25,405 sq. ft. concr. pav. at 27c ft.; 1057 sq. ft. asph. remodeling at 29c sq. ft.; 3306 sq. ft. Warrenite-bitul. paving at 29c ft.; 8187 ft. curb at 70c ft.; 47,507 sq. ft. walk at 22c ft.; 8789 sq. ft. gutter at 27c ft.; storm drain, etc., $17,000; san. sewer, complete, $1200; 2222 ft. 6-in. house sewers at $1.75 ft.

SAN DIEGO, San Diego Co., Cal.—Until 10:30 a. m., Feb. 13, bids will be received by city council for improving under 1911 Act, the following streets: Fort Stockton Dr. and Ampudia St., involv. 1037.3 cu. yds. earth excav.; 176.7 cu. yds. earth embank., 22,308.7 sq. ft. paving with 1½-in. asph. conc. wearing surface on 2½-in. bitum. base; 4490.5 sq. ft. cem. sidewalk; 903.7 lin. ft. cem. curb.

Eighth St., bet. N St. and Imperial Ave., involving 11,659.7 sq. ft. pavement with 2-in. asph. wearing surface, 1-in. bind. course and 5-in. cem. conc. base; 108.5 lin. ft. cem. curb; 83.3 lin. ft. 9-in. x24-in. (inside dimension) reinf. conc. culvert; 2 clean outs to be raised; 1 steel grate for catch basin.

El Cerrado St., Ivanhoe Ave., Ivanhoe Ave., east and Torrey Rd., involving 192,016.62 sq. ft. paving with 6-in. cem. conc.; 1140.6 lin. ft. cem. curb; 5748.18 sq. ft. cem. walk; 590 lin. ft. 6-in. cem. sewer pipe; 1 drop manhole, 1 manhole, dead end; 11 6-in. cem. sewer laterals; two 4-in. cem. sewer laterals. F. A. Rhodes, city engr.

SAN FRANCISCO—The Beckman and Linden Engineering Corporation, Santa Fe Bldg., is taking bids for rails, rail equipment, trolley poles, copper wire, electrical and steel equipment for a water works and street car system for the municipality of Harbin, Manchuria. The cost of the work is estimated at $3,000,000 to be completed within two years. Twenty miles of street car tracks will be laid over which thirty cars will operate.

ORANGE, Cal.—Edw. R. Garretson, Long Beach, awarded contr. by city trustees to imp. N. Pine St., bet. Chapman and Palm Aves., by grading and paving with 6-in. cem. concr. and belt finish wearing surface at 21.5c sq. ft.; constructing 4-in. vit. pipe culvert, 13 ft. long, at $15 complete.

SAN FERNANDO, Cal.—City engr. preparing spec. to pave Porter Ave., bet. Brand Ave. and Wolfskill St., with 4-in. concr. and 2-in. Willite top; gutters, curbs, walks, lights, also from Wolfskill St. to city limits; this latter pavement will be 40 ft. in width instead of full 80 ft. as the former section. The cost will be $28,000 of former section and $7000 of latter.

INGLEWOOD, Cal.—Until 8 p. m. Feb. 13, new bids will be received by city trustees for improving following sts.:

Manor Dr. and a portion of Beach Ave., involving approx. 4400 cu. yds. grading, 93,149 sq. ft. willite pavement, 3 corru. metal pipe culverts.

A portion of Manor Dr. (separate from above) involv. approx. 33,885 sq. ft. graded roadway and 33,885 sq. ft. Willite pavement.

Damask Ave., involving approx. 20,431 sq. ft. graded roadway and 15,152 sq. ft. Willite pavement.

Plans and spec. may be obtained from Arthur W. Cory, city engr. Geo. R. Curtis, Los Angeles, submitted low bids Jan. 29 for this work at $29,651.08, $7655.06 and $4609.51 respectively. All bids were rejected.

SANTA MONICA, Cal.—J. S. Miller & Sons awarded contract by city council at $7000 for improving Wilshire Blvd., bet. 11th and 14th Sts., involv. 4650.09 ft. curb at 64c ft.; 19,948.16 sq. ft. walk at 20⅝c ft.

BERKELEY, Alameda Co., Cal.—Until Feb. 13, 10 a. m., bids will be rec. by E. M. Hann, city clerk, to construct conc. curbs and reset granite curbs in portions of Shattuck Ave., and grading and paving portions with conc. base surfaced with asph. and screenings; const. catchbasins, storm water inlets and resetting iron culverts. 1911 Act. Cert. check 10% payable to city required. C. L. Huggins, city clerk.

LOS ANGELES, Cal.—Geo. R. Curtis, 2440 E 26th St., awarded contract by board of public works at $93,221 for improving Crenshaw Blvd. bet. Washington and Adams Sts., and in portions of other streets, involving 262,466 sq. ft. grading to subgrade at 6c ft.; 103,360 sq. ft. conc. paving at 26c ft.; 107,717 sq. ft. Warrenite-Bit. paving at 30.9c sq. ft.; 1384 sq. ft. grading and oiling at 10c ft.; 2359 ft. curb at 75c ft.; 417 sq. ft. walk at 25c ft.; 6737 sq. ft. conc. gutter at 33c ft.; reinf. conc. pipe culverts at $1200; san. sewer at $5200; 51,389 sq. ft. bit. macadam wearing surface at 13c ft. Engrs. est., $85,990.02. Other bids were: Warren Constr. Co., $97,551; Geo. H. Oswald, $97,917.06; Mike Radich bid $2975 on sewer only.

REDWOOD CITY, San Mateo Co., Cal.—City Trustees, W. A. Price, Clerk, declare intention to const. 8 and 10-in. vit. tile pipe sewers in portions of James St., 8-in. in Jefferson and 6-in. in portions of Hudson, Irle, King, Lowell and Myrtle Sts., incl. const. of br. manholes with c. ii frames and covers; vit. tile sewer laterals, wyes, lampholes, etc. 1911 Act. Protests Feb. 13. C. L. Dimmitt, City Eng.

GLENDALE, Cal.—Pasadena Paving Co., 58 S Fair Oaks Ave., awarded contract by council at $12,810.85 for paving Carr Dr. and portions of other streets.

MODESTO, Stanislaus Co., Cal.—Standard Paving Co., 9th and N Sts., Modesto, awarded cont. by supervisors to resurface I street, bet. 11th and 12th Sts., and 12th St., bet. H and I with 1½-in. Warrenite-Bit. pavement.

STOCKTON, San Joaquin Co., Cal.—Until Feb. 20, 10:30 A. M., bids will be rec. by A. L. Banke, City Clerk, to const. stormwater sewers on East St., French Camp, Turnpike, Orange, Oak St. and Court Alley. Cert. check 10% payable to City Clerk req. W. B. Hogan, City Eng.

INGLEWOOD, Cal. — C. E. Green awarded contract by city trustees at $20,050 to improve portion of Manor Dr. involv. construction of storm drain, calling for 3357 cu. yds. excav., 800 ft. 60-in reinf. conc. pipe (pre-cast or monolithic) 552 ft. conc. flume or ditch, 2861 sq. ft. 6-in. conc. apron, 44 cu. yds. conc. inlet and outlet structures, 145 lbs. reinf. conc. steel, 4 steel inlet gradings, 2 wooden driveway bridges 552 ft. iron pipe and wood guard rail, and culvert cross Plymouth St., involv. approx. 206.3 ft. 4-in. 1-gauge corru. metal pipe, 12.5 cu. yds. conc. headwalls, 280 cu. yds. excav. and 64 ft. wooden guard fence. Other bids were: W. E. Hall, $22,000; Cox & Tcget, $23,112; Pendergast Constr. Co., $26,357; Croatian-American Constr. Co., $28,031.

Geo. H. Oswald, 366 E. 58th St., awarded contract at $17,816 for improv. Centinela Ave., involv. 1200 cu. yds. grading at 2.5c yd.; 60,073 sq. ft. 6-in. conc. pavement at 25c ft.; corru. metal pipe culvert and 43 ft. wooden guard fence at $750. Other bids were: W. J. Curren, $18,940; W. E. Hall, $19,595; C. W. Sparks, $20,821; C. E. Green, $22,705; Croatian-American Constr. Co., $23,588.

Croatian-American Constr. Co., Los Angeles, awarded contract at $14,042 for improving a portion of Lime St., involv. grading at 50c lin. ft.; 70,005 sq. ft. 5-in. oiled macadam at 15c ft.; 377 ft. curb at 65c ft.; 593 sq. ft. walk at 22c ft. Other bids were: W. J. Curren, $14,291; C. W. Sparks, $14,892; W. E. Hall, $15,427.

FRESNO, Fresno Co., Cal. — City Council, R. Y. St. George, clerk, declares intention to improve following streets, under 1911 Act, protests to be heard Feb. 8.

Lucerne Lane bet. University and McKinley Aves; by grading bet. University and Peralta; const. conc. curbs, gutters and walks; corru. culverts; paving 3½-in. asph. conc. base with 1½ in. Warrenite-Bit. surface, also Peralta Way bet. Lucerne Lane and Wilson Ave.; grading, conc. curbs, gutters and walks; paving with 3½-in. asph. conc. base with 1½-in. Warrenite-Bit surface.

Amador St., bet. H and Van Ness; by grading, conc. curbs and gutters; paving with 3½-in. asph. conc. base with 1½-in. Warrenite-Bit. surface, with conc. paved alley approaches.

Howard St., bet. Illinois and Washington by const. cem. walks, excepting where already.

Mono ave., bet. 4th and 6th Sts., and 5th St., bet. Ventura and Batch Aves., by const. conc. curbs and cem. walks.

Wm. Stranahan, city eng.

GRASS VALLEY, Nevada Co., Cal.—City trustees have tentatively agreed to pave following streets, type of pavement yet to be determined: Bennett bet. Main and Norrow Gauge Station, 18-ft. strip; Neal from School to Auburn and continuing on Colfax Ave., to Memorial Park, 18-ft. strip; Church, Main to its south end, 18-ft. strip; Mill, Main to Walsh, full width; Walsh to city limits, 18-ft. strip; Auburn, Main to Highway at south city limits, 18-ft. strip. Type of pavement will be determined in immediate future.

SAN JOSE, Santa Clara Co., Cal.—Until Feb. 13, 5 p. m., bids will be rec. by J. J. Lynch, city clerk, to imp. Auzerais Ave., bet. Market and Vine Sts., by regrading; paving with 1½-in. asph. conc. wearing surface on 4-in. asph. conc. base, except where already improved under private contract.

Separate bids, same date, to imp. 5th St., bet. Santa Clara and Reed Sts., by regrading and paving with 3-in. "Durite" asph. conc. base with 1½-in. "Durite" asph. surface. 1915 Bond Act. Wm. Popp, city eng.

MATERIAL BIDS WANTED

The Beckman and Linden Engineering Corp., Santa Fe Bldg., San Francisco, is in the market for bids on rails, rail equipment, trolley poles, copper wire, electrical and steel equipment for a water works and street car system for the municipality of Harbin, Manchuria. The cost of the work is estimated at $3,000,000 and is to be completed within two years. Twenty miles of street car tracks will be laid over which thirty cars will operate.

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

$1,000 and Over Reported

The following is an index for the contracts for this issue.

No.	Owner	Contractor	Amt.
279	Marian	Owner	150000
280	Same	Same	150000
281	Schord	Owner	26000
282	Hamill	Owner	6000
283	Lewis	Owner	6000
284	Johnson	Owner	2000
285	Asaro	Owner	8000
286	Sheridan	Owner	18000
287	Katz	Owner	18000
288	Mohr	S F Motor	3500
289	Walker	York	982
290	Reese	Walters	20525
291	Prost	Christiansen	12600
292	Diestel	Diestel	8000
293	McCarthy	Arnott	3000
294	Marlin	Owner	4000
295	Dutsen	Mitchell	3500
296	Hamill	Owner	20000
297	Walsh	Diestel	1600
298	Leigh	Owner	12000
299	Strand	Fisher	3000
300	Figone	Cuneo	4400
301	Sullivan	Neish	1250
302	Mullins	Owner	3000
303	Brennan	Owner	6000
304	Reith	Mohler	3900
305	Johnson	Owner	3000
306	Brown	Owner	10000
307	Same	Owner	10000
308	Anderson	Owner	8000
309	Association	Owner	1000
310	Brown	Owner	3000
311	Parkside	Owner	16000
312	Los Angeles	McClure	2555
313	Mailhebuau	Lawson	2250
314	Torelli	Fracchia	14000
315	Same	Unger	900
316	Same	Sasso	1600
317	Same	Demarta	900
318	Herlihy	Mooney	3000
319	McDonald	Hamill	12000
320	Hamill	Owner	18000
321	Heyman	Owner	4000
322	Same	Same	3500
323	Weissbein	Meyer	12000
324	Stanley	Owner	3000
325	Berg	Owner	1500
326	McDonald	Hamill	6000
327	Olsen	Olsen	5000
328	Norris	Owner	7000
329	Spreen	Boswall	12500
330	Los Angeles	Owner	100000
331	Kippel	Owner	20000
332	Boars	Kragen	1900
333	Gump	Greenbach	13530
334	Hamburger	Sangiacomo	9500
335	Erickson	Owner	2500
336	Smith	Owner	20000
337	Nelson	Owner	4000
338	Same	Same	3600
339	Morris	Owner	8000
340	United	Martin	1000
341	Jensen	Owner	4500
342	Blahink	Owner	3000
343	Morbio	Owner	2000
344	Feerick	Feerick	3000
345	Bussenius	Rednall	10750
346	Lewis	Owner	6000
347	Pfeifer	Bjorkman	3000
348	Same	Same	3000
349	Seldken	Lyon	1800
350	Tadwick	Owner	3500
351	Kelleher	Mullen	1000
352	Monihan	Taylor	6900
353	Lobree	Anderson	43000
354	Matrala	McHugh	1950
355	Lewis	Schwarz	16900
356	Hargrave	Owner	2000
357	Dunn	Owner	1000
358	Japanese	Walters	25000
359	Mangels	Mangels	6000
360	Parkside	Owner	160000
361	Associated Oil	Owner	3000
362	Croker	Owner	5000
363	Smith	Hoyt	20000
364	Salvation	Vukicevich	221700

(Correction—Name of street omitted).

FRAME FLATS
(272) W TWENTIETH AVE. 250 N Fulton. Two-story and basement frame (2) flats.
Owner—Gustaf R. Johnson, 29-A Noe St., San Francisco.
Architect—None. $6000

STORES, ETC.
(279) S MARKET 374 W Seventh. Three-story and mezzanine concrete stores and offices.
Owner—Marian Realty Co., 110 Sutter St., San Francisco.
Architect—D. Coleman, 110 Sutter St., San Francisco. $150,000

STORES, ETC.
(280) S MARKET 319 E Eighth. Three story and mezzanine concrete stores and offices.
Owner—Marian Realty Co., 110 Sutter St., San Francisco.
Architect—D. Coleman, 110 Sutter St., San Francisco. $150,000

APARTMENTS
(281) N GREEN 177-6 W Fillmore. Three-story and basement frame (7) apartments.
Owner—Milford and Margerie Schord, 2901 Buchanan St., San Francisco.
Architect—E. H. Denke, 1307 Hyde St., San Francisco. $25,000

RESIDENCE
(282) S WEST CLAY 107-6 W Twenty-fifth Ave. Two-story and basem ment residence.
Owner—Thas. Hamill, 6140 Geary St., San Francisco.
Architect—None. $6000

STORES
(283) E STOCKTON 59 N Sacramento One-story and basement concrete stores.
Owner—E. and H. Lewis, 334 6th St., San Francisco.
Architect—None. $6000

APARTMENTS
(284) S UNION 187-N W Larkin. Three-story and basement frame (12) apartments.
Owner—Axel A. Johnson, 632 Belvedere St., San Francisco.
Architect—None. $20,000

FRAME FLATS
(286) W ELEVENTH AVE 200 N Clement. Two-story and basement frame (2) flats.
Owner—B. Asaro, % Architect.
Architect—C. O. Clausen, Hearst Bldg., San Francisco. $8000

ALTERATIONS
(286) NE JONES AND O'FARRELL. Alter 1st floor to obtain three new stores on Jones St. side and change 3 existing stories on O'Farrell St. side.
Owner—Sheridan, Proctor Co., Mills Bldg., San Francisco.
Constr. Mgr. — Fredrick Whitton, 369 Pine St., San Francisco. $18,000

APARTMENTS
(287) E BUENA VISTA AVE 78 S Waller. Three-story and basement frame (6) apartments.
Owner—A. Katz, 261 Valencia St., San Francisco.
Architect—G. A. Berger, 261 Valencia St., San Francisco. $18,000

EXCAVATING, ETC.
(288) SE MISSION 133-3¾ NE Fifth NE 50x2E 160. Excavating, grading, bulkheading for two-story and basement reinforced concrete bldg.
Owner—Selby and Henry R. Mohr, 1900 Lake St., San Francisco.
Architect—W. H. Crim Jr., 425 Kearny St., San Francisco.
Contractor—San Francisco Motor Drayage Co., 3417 16th St., S. F.
Filed Jan. 26, '23. Dated Jan. 26, '23.
Completed and accepted.....$2475
Usual 35 days..... 825
Back filling 200
TOTAL COST, $3500
Bond, $1750. Sureties, P. W. Meherin and M. H. Granfield. Limit, 15 days. Forfeit, $30. Plans and specifications filed.

REFRIGERATING MACHINE
(289) NO. 3029 SACRAMENTO. All work for refrigerating machine.
Owner—Charles C. Walker, Premises.
Architect—None.
Contractor — York California Constr. Co., 832 Folsom St., San Francisco.
Filed Jan. 26, '23. Dated June 7, '22.
Monthly payments of $63.71
TOTAL COST, $892.00
Bond, limit, forfeit, none. Specifications only filed.

BRICK BLDG.
(290) SW MISSION AND TENTH STS. All work for one-story brick building.
Owner—E. L. Reese, 741 Fulton St., San Francisco.
Architect—None.
Contractor—Walters & Grove, 921 Monadnock Bldg., San Francisco.
Filed Jan. 26, '23. Dated Jan. 19, '23.
Excavating and foundation work done $4105
Brick walls completed..... 4105
Roof on and completed..... 4105
Building completed 4105
Usual 35 days..... 4105
TOTAL COST, $20,525
Bond, limit, forfeit, none. Plans and specifications filed.

FLATS
(291) N FULTON 57 E Eighteenth Ave. All work for two-story frame building (flats).
Owner—Nichols Prost, 4136 Fulton St., San Francisco.
Architect—J. P. Christiansen, 518 25th Ave., San Francisco.
Contractor—H. C. Christiansen, 518 25th Ave., San Francisco.
Filed Jan. 26, '23. Dated Jan. 25, '23.
Frame up $3150
Brown coated 3150
Completed and accepted..... 3150
Usual 35 days..... 3150
TOTAL COST, $12,600
Bond, none. Limit, 100 days. Forfeit, $10. Plans and specifications filed.

FLATS
(292) S JACKSON 79-6 E Hyde. Two-story and basement frame (2) flats
Owner — Mrs. John Diestel, 248 Russ Bldg., San Francisco.

Architect—H. C. Baumann, 251 Montgomery St., San Francisco.
Contractor—John Diestel, 248 Russ Bldg., San Francisco. $8000

BUNGALOW
(293) S HOLLOWAY AVE 25 E Plymouth Ave E 25xS 100 Lot 27 Blk 5, Lakeview. All work for four-room bungalow.
Owner—The McCarthy Co., 316 Bush St., San Francisco.
Plans by Contractor.
Contractor—James Arnott & Son, 235 Granville Way, San Francisco.
Filed Jan. 27, '23. Dated Jan. 2, '23.
30 days after frame up..... 25%
30 days after brown coated... 25%
30 days after completed and accepted 25%
Usual 35 days..... 25%
TOTAL COST, $3000
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

DWELLING
(294) E ASHTON AVE 175 N Holloway. One-story and basement frame dwelling.
Owner—A. Marlin, 254 Lee Ave., San Francisco.
Architect—None. $4000

STORAGE ROOMS
(295) S BRYANT 50 W Langton. Two-story frame storage rooms.
Owner—Dutsen Bros., Bryant & Langton Sts., San Francisco.
Architect—None.
Contractor—Thos. F. Mitchell & Son, 1370 Utah St., San Francisco. $3500

APARTMENTS
(296) SW CLEMENT AND TWENTY-seventh Ave. Two-story and basement frame (6) apartments.
Owner—Thos. Hamill, 6140 eGary St., San Francsico.
Architect—None. $20,000

REPAIRS
(297) NO. 5 and 7 DECATUR. Repair fire damage to (2) flats.
Owner—Patrick Walsh, 248 Russ Bldg. San Francisco.
Architect—None.
Contractor—John Diestel, 248 Russ Bldg., San Francisco. $1500

DWELLINGS
(298) E FORTY-FOURTH AVE 32, 58 and 84 S Cabrillo. Three one-story and basement frame dwellings.
Owner—David Leigh, 840 44th St., S. F.
Architect—None. $4000 each

ALTERATIONS
(299) S MARKET bet. 5th and 6th. Erect two steel balconies and glass floors for same.
Owner—Strand Theatre, Premises.
Architect—None.
Contractor—M. Fisher Co., 711 Mission St., San Francisco. $3000

DWELLING
(300) W MISSION 100 S Foote Ave. One-story and basement frame dwelling.
Owner—Joseph Figone, 240 Guttenberg St., San Francisco.
Architect—John P. Cuneo, 5079 Mission St., San Francisco.
Contractor—John P. Cuneo, 5079 Mission St., S. F. $4400

ALTERATIONS
(301) NO. 4134 NINETEENTH. Raise make alterations & repair cottage.
Owner—C. L. and G. L. Sullivan, 76 Kissling St., San Francisco.
Architect—None.
Contractor—James G. Neish, 627 Sunnyside Ave., S. F. $1250

STORES
(302) S OCEAN AVE 52 W Granada. One-story frame stores.
Owner—J. T. Mullins, 3210 22nd St., San Francisco.
Architect—None. $3000

FRAME FLATS
(303) E SAN JOSE AVE 507 N Twenty-ninth. Two-story and basement frame (2) flats.
Owner—Mrs. Hanora Brennan, 343-B San Jose Ave., San Francisco.
Architect—G. A. Berger, 261 Valencia St., San Francisco. $6000

DWELLING
(304) W TWENTY-NINTH AVE 75 S Balboa. One-story and basement frame dwelling.
Owner—A. H. Relth, 4121 18th St., San Francisco.
Architect—None.
Contractor—T. E. Mohler, 458 23rd Ave San Francisco. $3900

DWELLING
(305) W THIRTY-THIRD AVE 221 N Fulton. One-story and basement frame dwelling.
Owner — S. F. Johnson, 532 Funston Ave., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. $3000

FLATS
(306) SW CHURCH AND ARMY STS. Two-story and basement frame (4) flats.
Owner—Ward C. Brown, 2945 Harrison St., San Francsico.
Architect—None. $10,000

FLATS
(307) NW CHURCH AND TWENTY-sixth. Two-story and basement frame (4) flats.
Owner—Ward C. Brown, 2945 Harrison St., San Francsico.
Architect—None. $10,000

DWELLINGS
(308) S LAIDLEY 112, 137, 152 and 187 W Mateo. Four one-story and basement frame dwellings.
Owner—K. Anderson, 133 Bertita St., San Francisco.
Architect—None. $2000 each

ALTERATIONS
(309) NO. 1975 MISSION. Alterations for boxing quarters in dance hall.
Owner—Association Club, Premises.
Architect—None. $1000

DWELLING
(310) W TWENTY-SIXTH 26 S Army One-story and basement frame dwelling.
Owner—Ward C. Brown, 2945 Harrison St., San Francsico.
Architect—None. $3000

DWELLINGS
(311) E TWENTY-FIFTH AVE 25 & 75 N Ulloa. Two one-story and basement frame dwellings.
Owner — Parkside Realty Co., 517 Crocker Bldg., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. $8000 each

EXCAVATING, ETC.
(312) N BRANNAN & SECOND NW 160xNE 100. Excavating and grading and back filling for two-story and basement reinforced concrete building.
Owner — Los Angeles Soap Co., 250 Front St., San Francisco.
Architect—W. H. Crim Jr., 425 Kearny St., San Francisco.
Contractor—H. N. McClure, 508 Octavia St., San Francisco.
Filed Jan. 29, '23. Dated Jan. 26, '23.
Completed and accepted.....$1766.25
Usual 35 days..... 588.75
Back filling 200.00
TOTAL COST, $2555.00
Bond, $1280. Sureties, P. L. McClure and G. L. Chamberlin. Limit, 10 days after recording. Forfeit, $40. Plans and specifications filed.

PLUMBING
(313) S PINE bet. Montgomery and Kearny No. 441 Pine. All work for plumbing for two-story and basement Class C building.
Owner — Camille Maillebuau, 425 Kearny St., San Francisco.
Architect—W. H. Crim Jr., 425 Kearny St., San Francisco.
Contractor—Lawson & Drucker, 450 Hayes St., San Francisco.
Filed Jan. 29, '23. Dated Jan. 29, '23.
All work roughed in.....$843.75
Completed and accepted..... 843.75
Usual 35 days..... 565.50
TOTAL COST, $2250.00
Bond, $1125. Sureties, E. Ginley and A. D. Collman. Limit, 7 days after 2nd coat paint on. Forfeit, $15. Plans and specifications filed.

FRAME BLDG.
(314) NW POWELL AND GREENwich 49-6x72-6. All work except plumbing, electric work, painting, finish hardware, wall paper, light fixtures and shades for one-story and basement frame building.
Owner—C. Torelli and J Giuntini, 2011 Powell St., San Francisco.
Architect — Italo Zanolini, 604 Montgomery St., San Francisco.
Contractor — Fracchia & Rosina, 36 Cunningham Place, S. F.
Filed Jan. 29, '23. Dated Jan. 19, '23.
Framing and rustic completed.$3525
Brown coated 3525
Completed and accepted..... 3525
Usual 35 days..... 3525
TOTAL COST, $14,000
Bond, $7050. Surety, Hartford Accident & Indemnity Co. Limit, 90 days. Forfeit, $10. Plans and specifications filed.

(315) ELECTRIC WORK ON ABOVE.
Contractor—Unger Electric Co.
Filed Jan. 29, '23. Dated Jan. 19, '23.
Wiring completed $425
Completed and accepted..... 250
Usual 35 days..... 225
TOTAL COST, $900
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed:

(316) PLUMBING ON ABOVE.
Contractor—Frank Sasso, 558 Vallejo St., San Francisco.
Filed Jan. 29, '23. Dated Jan. 19, '23.
Piping and sewer main in.....$700
Completed and accepted..... 500
Usual 35 days..... 400
TOTAL COST, $1600
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(317) PAINTING ON ABOVE.
Contractor — Demarta Marino & Co., 2136 Union St., San Francisco.
Filed Jan. 29, '23. Dated Jan. 19, '23.
2nd coated $425
Completed and accepted..... 250
Usual 35 days..... 225
TOTAL COST, $900
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

STORE
NW HAYES AND ASHBURY. One-story frame store.
Owner—L. Pontacq, % Architect.
Architect—O'Brien Bros., Inc., 316 Montgomery St., San Francisco.
Contractor — Meyer Bros., Inc., 5324 Geary St., San Francisco. $5000

DWELLING
(318) E ALABAMA 205 S Twenty-sixth. Two-story and basement frame dwelling.
Owner—James Herlihy, 3136 Army St., San Francisco.

Architect—G. A. Berger, 261 Valencia St., San Francisco.
Architect—E. Mooney, 12 Valencia St., San Francisco. $3000

FRAME FLATS
(319) SE ANZA & TWENTY-FOURTH Ave. Two-story and basement frame (4) flats.
Owner—Wm. McDonald, 6140 Geary St. San Francisco.
AArchitect—None.
Contractor—Thos. Hamill, 6140 Geary St., San Francisco. $12,000

FRAME FLATS
(320) N CARL 100, 125 and 150 W Willard. Three two-story and basement frame (2) flats.
Owner—Thos. Hamill, 6140 Geary St., San Francisco.
Architect—None. $6000 each

DWELLING
(321) E EIGHTEENTH AVE 310-6 N Cabrillo. Two-story and basement frame dwelling.
Owner — Oscar Heyman & Bro., 742 Market St., San Francisco.
Architect—Alvin J. Stern, 742 Market St., San Francisco. $4000

DWELLING
(322) W FORTY-FOURTH AVE 260 N Balboa. One-story and basement frame dwelling.
Owner — Oscar Heyman & Bro., 742 Market St., San Francisco.
Architect—Alvin J. Stern, 742 Market St., San Francisco. $3500

FLATS, ETC.
(323) N GEARY 80 E Eighteenth Ave. Two-story and basement frame stores and (2) flats.
Owner—Jacob Weissbein, 582 Market St., San Francisco.
Architect—H. C. Baumann and Ed. Jose, 251 Kearny St., S. F.
Contractor—Meyer Bros., 5326 Geary St., San Francisco. $12,000

DWELLING
(324) E GIRARD 125 S Bacon. One-story and basement frame dwlg.
Owner—J. Stanley, 153 Brussels St., San Francisco.
Plans by Owner. $3000

DWELLING
(325) N JUDAH 574 W Twenty-fourth Ave. One-story and basement frame dwelling.
Owner—Wm. D. Berg, 1649 11th Ave., San Francisco.
Architect—None. $1500

FRAME FLATS
(326) E TWENTY-NINTH AVE 125 S Geary. Two-story and basement frame (2) flats.
Owner — Wm. McDonald, 6140 Geary St., San Francisco.
Architect—None.
Contractor—Thos. Hamill, 6140 Geary St., San Francisco. $6000

DWELLING
(327) E TWENTY-FIRST AVE 175 N Judah. One-story and basement frame dwelling.
Owner — Amanda Olsen, 360 Granada Ave., San Francisco.
Architect—H. C. Baumann and Edw. Jose, 251 Kearny St., S. F.
Contractor — O. Olsen, 360 Granada Ave., San Francisco. $5000

FRAME FLATS
(328) W TENTH AVE 225 S Balboa. Two-story and basement frame (2) flats.
Owner—A. T. Morris, 602 9th Ave., San Francisco.
Architect—None . $7000

FRAME FLATS
(329) E TWENTY-SEVENTH AVE 100 S Clement. Two-story and basement frame (2) flats.
Owner—Wm. Spreen Jr., 2nd Ave. and Clement St., San Francisco.
Plans by Owner.
Contractor—W. C. Boswall, 2764 McAllister St., S. F. $12,500

WAREHOUSE
(330) NE BRANNAN AND SECOND. Two-story and basement reinforced concrete warehouse.
Owner—Los Angeles Soap Co., 425 Kearny St., San Francisco.
Architect—W. H. Crim Jr., 425 Kearny St., San Francisco. $100,000

FRAME FLATS
(331) SE GEARY AND TWENTY-seventh Ave. Two-story and basement frame (3) stores and (4) apartment flats.
Owner—K. Kippel, San Leandro.
Architect—G. A. Berger, 261 Valencia St., San Francisco. $20,000

ALTERATIONS
(332) NO. 2054 MISSION. Construct show windows.
Owner—R. H. O. Bohrs, Premises.
Architect—None.
Contractor—Louis Kragen, 661 Golden Gate Ave., San Francisco. $1900

APARTMENTS
(333) SW GEARY AND JONES STS. Scaffolding, lathing, interior and exterior plastering for six-story and basement building, apartments and stores.
Owner—S. & G. Gump Realty Co.
Architect—Milton Latham, 454 Montgomery St., San Francisco.
Contractor—Jos. Greenback, 371 Waller St., San Francisco.
Filed Jan. 30, '23. Dated Jan. 26, '23.
Interior columns fireproofed and living room ceilings deafen coated and entire building lathed $3200
Entire building brown coated.. 3200
Completed and accepted..... 3200
Usual 35 days..... 3930
TOTAL COST, $13,530
Bond, $6785. Surety, The Fidelity & Casualty Co. Limit, 45 days. Forfeit, none. Plans and specifications filed.

STORE AND FLATS
(334) S CLEMENT 110 W Fifteenth Ave. Two-story and basement frame store and (2) flats.
Owner—D. Hamburger, 2920 Jackson St., San Francisco.
Architect—None.
Contractor—G. Sanglacomo, 458 9th Ave., San Francisco. $9500

DWELLING
(335) S CHURCH 200 E Thirtieth. One-story and basement frame dwelling.
Owner — Henry Erickson, 105 Miguel St., San Francisco.
Plans by Owner. $2500

FLATS
(336) SE GEARY AND TWENTY-third Ave. Two-story and basement frame store and (3) flats.
Owner—Robt. H. Smith, 180 Jessie St., San Francisco.
Plans by Owner. $20,000

DWELLING
(337) W MADRONE AVE 114 S Ulloa. Two-story and basement frame dwelling.
Owner—Fernando Nelson & Sons, Inc., 2 West Portal Park, S. F.
Architect—None. $4000

DWELLING
(338) E MADRONE AVE 174 N Ulloa. One-story and basement frame dwelling.
Owner—Fernando Nelson & Sons, Inc., 2 West Portal Park, S. F.
Architect—None. $3500

DWELLINGS
(339) N MONTECITO 70 and 140 W Hamburg. Two one-story and basement frame dwellings.
Owner—G. W. Morris, 152 Judson Ave., San Francisco.
Plans by Owner. $4000 each

ALTERATIONS
(340) NO. 36 MONTGOMERY. New store front; construct entrance to 2nd floor.
Owner—United Cigar Stores Co., 555 Howard St., San Francisco.
Architect—Earle B. Bertz, 113 Sutter St., San Francisco.
Contractor—Wm. Martin, 180 Jessie St., San Francisco. $1000

DWELLING
(341) E NINETEENTH AVE 125 N Kirkham. One-story and basement frame dwelling.
Owner—Alma Louise Jensen Jr., 1179 Dolores St., San Francisco.
Architect—None. $4500

DWELLING
(342) S NEWTON 250 E Rolph. Two-story and basement frame dwlg.
Owner—Joseph Blahink, 119 Madrid St., San Francisco.
Architect—None. $3000

STORES
(343) N SACRAMENTO 112-6 W Lyon One-story frame stores.
Owner—Adolph Morbio, 74 New Montgomery St., San Francisco.
Plans by Owner. $2000

RESIDENCE
(344) W TWENTY-THIRD AVE 200 S Cabrillo. One-story and basement frame residence.
Owner—P. J. Feerick, 520 6th Ave., San Francisco.
Architect—Andrew H. Knoll, Hearst Bldg., San Francisco.
Contractor—P. J. Feerick, 520 6th Ave., San Francisco. $3000

FRAME FLATS
(345) S UNION 162 W Baker. Two-story and basement frame (2) flats.
Owner—Anna Bussenius, 3038 Pierce St., San Francisco.
Plans by Contractor.
Contractor—W. W. Rednall, 2500 Filbert St., San Francisco. $10,750

FRAME FLATS
(346) W ALBION AVE 27 N 17th St. Two-story and basement frame (2) flats.
Owner—Margaret Lewis, 23 Lexington Ave., San Francisco.
Architect—None. $6000

DWELLING
(347) E CASTRO 125 N Alvarado. One-story and basement frame dwelling.
Owner—F. G. Pfeifer, 2539 Mission St., San Francisco.
Architect—None.
Contractor—V. Bjorkman, 4476 Mission St., San Francisco. $3000

DWELLING
(348) E CASTRO 150 N Alvarado. One-story and basement frame dwelling.
Owner—F. G. Pfeifer, 2539 Mission St., San Francisco.
Architect—None.
Contractor — V. Bjorkman, 4476 Mission St., San Francisco. $3000

ALTERATIONS
(349) NO. 3917 CALIFORNIA. Alter two-story frame dwelling into (2) flats.
Owner—Mrs. Julia Seidken, Premises.
Architect—Henry Lyon, 2273 Sutter St., San Francisco.
Contractor—Henry Lyon, 2273 Sutter St., San Francisco. $1800

DWELLING
(350) N MORSE 134 E Lowell. One-story and basement frame dwlg.
Owner—A. M. Tadwick, 530 6th Ave., San Francisco.
Architect—None. $3500

ALTERATIONS
(351) NO. 716 MARKET. Change store front.
Owner—Kelleher & Browne, Prem.
Architect—None.
Contractor—Mullen Mfg. Co., 64 Rausch St., San Francisco. $1000

PLUMBING SHOP
(352) S NATOMA 350 W Third. One-story and mezzanine floor brick plumbing shop.
Owner—Monihan & Slavin, 155A Fulton St., San Francisco.
Architect—None.
Contractor—Taylor & Jackson, 290 Tehama St., San Francisco. $5900

APARTMENTS
(353) SW THIRD AND PERRY STS. Three-story and basement brick (14) apartments.
Owner—E. Lobres, Rm. 711, 110 Sutter St., San Francisco.
Architect—Albert W. Burgren, 110 Sutter St., San Francisco.
Contractor—Finn Anderson, 180 Jessie St., San Francisco. $43,000

EXCAVATING, ETC.
(354) INT. S BDY ORIGINAL MIranda Grant known as Ojo Figueroa and W Lyon W 92.07 N 277.87 E 57-9 S 279.84. Grading and excavating of lot.
Owner—Carlo Matrala.
Architect—August G. Headman, Call Bldg., San Francisco.
Contractor—Owen I. McHugh, Russ Bldg., San Francisco.
Filed Jan. 31, '23. Dated Jan. 24, '23.
50% completed $625
Completed and accepted..... 825
Usual 35 days..... 500
TOTAL COST, $1950
Bond, $975. Sureties, Felix McHugh and Owen McHugh. Limit, 30 days. Forfeit, $20. Plans and specifications filed.

R C BLDG.
(355) COMG. 59 N fm NE STOCKTON and Sacramento N 67-2xE 68-9. All work for one-story and basement reinforced concrete building.
Owner—Edw. and Henrietta Lewis, 952 Sutter St., San Francisco.
Architect—Chas. Schwarz.
Contractor—Chas. Schwarz.
Filed Jan. 31, '23. Dated Jan. 29, '23.
Concrete poured to level of 1st Floor joists $4225
Concrete walls poured..... 4225
Completed and accepted..... 4225
Usual 35 days..... 4225
TOTAL COST, $16,900
Bond, $8450. Sureties, Joa. S. Fennall and E. L. Reinhart. Limit, 90 days. Forfeit, none. Plans and specifications filed.

DWELLING
(356) W CORDOVA 100 S Seville. One-story and basement frame dwelling.
Owner—E. J. Hargrave, 360 London St., San Francisco.
Architect—None. $2000

ALTERATIONS
(357) SW CALIFORNIA & KEARNY. Re-arrange stores; painting, etc.
Owner—Dunn-Williams Co., 26 Montgomery St., San Francisco.
Architect—Sam Helman, 57 Post St., San Francisco. $1000

CHURCH
(358) NO. 1748-48 POST. Two-story and basement frame community hourse.
Owner—Japanese First Reformed Church.
Architect—Walter & Grove, Monadnock Bldg., San Francisco.
Contractor—Waltera & Grove, Monadnock Bldg., S. F. $25,000

RESIDENCE
(359) N SANTA MONICA AVE 190 E Santa Clara. Two-story and basement frame residence.
Owner—H. C. and W. J. Mangels, 4792 Mission St., San Francisco.
Architect—None.
Contractor—Mangels Bros., 4792 Mission St., San Francisco. $6000

DWELLINGS
(360) E TWENTY-FIFTH AVE 25, 50, 75 and 100 N Ulloa. Four one-story and basement frame dwllgs.
Owner — Parkside Realty Co., 617 Crocker Bldg., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. $4000 each

ALTERATIONS
(361) NO. 476 GOLDEN GATE AVE. Cut openings in wall for service station.
Owner—Associated Oil Co., 79 New Montgomery St., S. F.
Architect—Owner. $3000

ALTERATIONS
(362) NO. 559 SIXTH. Enlarge main entrance; concrete floor; erect loading platform.
Owner—Fred Croker, 8th and Brannan Sts., San Francisco.
Architect—O. R. Thayer, 110 Sutter St., San Francisco. $5000

ALTERATIONS
(363) NO. 45 SECOND. Change store front; install elevator; re-arrange stairs; erect partitions for lofts and stores.
Owner—S. C. Smith, 20 Second St., San Francisco.
Architect—Reid Bros., 105 Montgomery St., San Francisco.
Contractor—H. P. Hoyt, Monadnock Bldg., S. F. $20,000

HOTEL
(364) N McALLISTER 137-6 W Jones 68-9x137-6. All work for eight-story and basement reinforced concrete hotel building.
Owner—The Salvation Army, McCoppin and Valencia Sts., S. F.
Architect — Norman R. Coulter, 46 Kearny St., San Francisco.
Contractor—Vukicevich & Bagge, 180 Jessie St., San Francsico.
Filed Feb. 1, '23. Dated May 9, '22.
Bet. 1, and 5th and 15th and 20th of each month 75%
Usual 35 days, 25%.....$55,425
TOTAL COST, $221,700
Bond, $168,200. Surety, United States Fidelity & Guaranty Co. Limit, 150 days. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Amount

Jan. 26, 1923—E EDINBURGH 225 S Avalon S 25xE 100. Alma M Mahan to Martin Smith.Jan. 19, 1923

Jan. 28, 1923—SW THERESA 205-6 NW Mission NW 25xSW 100. A C Newsom and G M Battersby to whom it may concern...Jan. 18, 1923

Jan. 26, 1923—SE HAIGHT & SCOTT A Stoff to Otto Carson..Jan. 26, 1923

Jan. 26, 1923—NE TWELFTH AVE and Cabrillo 25x95. Minnie I Worth to Alfred J Morris.Jan. 24, '23

Jan. 28, 1923—LOT 18 BLK 6409, Crocker Amazon Tct. C Morabito to C Lindberg.....Jan. 25, 1923

Jan. 26, 1923—S FIFTEENTH 150 E Church E 25xS 100. Ambrose Furer to R J H Forbes....Jan. 26, 1923

Jan. 26, 1923—N CLAY 106-3 E Baker E 25xN 127-8¾. Alice K Rosa to Daniel L Bienfield.....Jan. 23, 1923

Jan. 26, 1923—SW MASON & EDDY S 137-6xW 137-6. Jas K Prior Jr et al to Percy Sheet Metal Works, Jan. 22, 1923; MacGruer & Simpson .....Jan. 20, 1923

Jan. 27, 1923—SE MARKET 275 NE Eighth SE 200 NE 25 SE 75 NE 25 SE 75 SW 50 SE 10 SW 275 NW 160-2 NE 180 NW 25 NE 25 NW 175-1 NE 70. A F Rousseau and Marian Realty Co to whom it may concern.....Jan. 27, 1923

Jan. 27, 1923—NW UNION AND BAY View Place W 17xN 60. D Cerelli to S Montani.....Jan. 23, 1923

Jan. 27, 1923—NE GEARY & HYDE 37-6 on Geary and 87-6 on Hyde. M A Hunt to whom it may concern .....Jan. 25, 1923

Jan. 29, 1923—W SHOTWELL about 150-8 S 22nd 25x142-6. J H Minedew to J M Hooper.Jan. 29, 1923

Jan. 29, 1923—W FAXON AVE 376 S De Montford Ave 25x112-8 No. 435 Faxon Ave. Wm H Depew to whom it may concern..Jan. 20, 1923

Jan. 29, 1923—E NINETEENTH AVE 175 N Cabrillo E 100xN 125. Dave Jacob to John Harder..Jan. 29, 1923

Jan. 29, 1923—N GEARY 64 W Fourth Ave E 28xN 100. E E Gilion to Adam Arras Co.....Jan. 29, 1923

Jan. 27, 1923—S NEY 375 E Congdon E P Burman to whom it may concern.....Jan. 25, 1923

Jan. 30, 1923—LOT 17 BLK 13, St. Francis Wood. Homes Loan Corp to Ahlbach & Mayer...Jan. 30, 1923

Jan. 30, 1923—N UNION 247-6 W Steiner 27-6x137-6. Jos G Arata to G Ferroni & Sons.....Jan. 29, 1923

Jan. 30, 1923—W SIXTH AVE 175 N Kirkham, 25x120. Valentine and Ruth Clementz to A E Diaston.... .....Jan. 29, 1923

Jan. 31, 1923—S SUTTER bet. Grant Ave and Stockton No. 353 Sutter. Helen E Friedman and Milton D and Lena Eisner to J Horald Johnson.....Jan. 29, 1923

Jan. 31, 1923—E TWENTIETH AVE 150 N Balboa N 25xE 120. Ella N Wright to David Leigh..Jan. 27, 1923

Feb. 1, 1923—LOTS 1 AND 4 BLK 3199; Lot 10 Blk 3173, Westwood Park. Hans and Esther E Nelson to whom it may concern.Jan. 30, 1923

Feb. 1, 1923—SW MASON & EDDY S 137-6xW 137-6. James K Prior Jr et al to Cobbledick Kibbe Glass Co.....Jan. 25, 1923

Feb. 1, 1923—E FIFTH AVE 133 N Kirkham N 29xE 120. Ernest Johnson to whom it may concern .....Feb. 1, 1923

Feb. 1, 1923—N OAK 87-6 W Scott W 50 N 112-6 E 25 S 25 E 25 S 87-6. Percy D Tyler to whom it may concern.....

Feb. 1, 1923—N JUDSON AVE dist N 89° 36' W 31.65 N 0° 24' W 90 N 89° 36' E 31.56 S 0° 24' E 90 Ptn Lots 6 and 7 Blk 3160, Westwood Park. Hans and wife Ester E Nelson to whom it may concern..... .....Jan. 29, 1923

Feb. 1, 1923—N JUDSON AVE N 89° 36' E 2.30 from E line Lot 8 Blk 3160, Westwood Park S 89° 36' W 31.55 N 0° 24' W 90 N 89° 36' E 31.55 S 0° 24' E 90 Ptn Lots 7 and 8 Blk 3160, Westwood Park. Hans and Esther Nelson to whom it may Concern .....Jan. 29, 1923

Feb. 1, 1923—N JUDSON AVE and E line Lot 6 Blk 3160 Westwood Park S 89° 36' W 31.59 N 0° 24' W 90 N 89° 36' E 31.36 S 0° 33' E 90 Ptn Lot 6 Blk 3160, Westwood Park. Hans and Esther Nelson to whom it may concern.....Jan. 29, 1923

Feb. 1, 1923—NW THIRTY-SECOND Ave and Ulloa; W Thirty-second 25, 50 and 75 N Ulloa N 25xW 107-2. Parkside Realty Co of San Francisco to whom it may concern... .....Jan. 31, 1923
Feb. 1, 1923—W MASON 141 N Green A Barbagelata to G Chioppa and L Copelotti .....Jan. 23, 1923
Feb. 1, 1923—W NINETEENTH AV 125 S Cabrillo S 25xW 120. Chas O Clausen to whom it may concern.....Feb. 1, 1923
Feb. 1, 1923—W NINTH AVE 250 S Irving S 75xW 120. A B Harrison and H F Romacciotti to E K Nelson.....Feb. 1, 1923
Feb. 1, 1923—S MISSION 97-6 W Mary W 20xS 160. Louis R Lurie to John Morton and Van Emon Elevator Co.....Jan. 31, 1923
Jan. 31, 1923—W EIGHTH AVE 50 N Judah N 25xW 70. Frank and Cora Doelger to whom it may concern. .....Jan. 25, 1923

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Amount
Jan. 28, 1923—W TWENTY-FIFTH Ave 225 N Cabrillo N 25xW 120. Amsler Sheet Metal Works vs Knabenschuh & Morrison and Ferdinand and Bertha Van Heekeren $101.25
Jan. 26, 1923—W TWENTY-FIFTH Ave 200 N Cabrillo N 25xW 120. J Banks vs Knabenschuh & Morrison and Jas C Maxon $94.85
Jan. 26, 1923—W TWENTY-FIFTH 225 N Cabrillo N 25x120. J Banks vs Knabenschuh & Morrison and Ferdinand and Berth Van Heekeer $101.25
Jan. 26, 1923—W TWENTY-FIFTH Ave 200 N Cabrillo N 25xW 120. Amsler Sheet Metal Works vs Knabenschuh & Morrison and Jas O Maxon $62
Jan. 25, 1923—W TWENTY-FIFTH Ave 200 N Cabrillo N 25xW 120. Jas W Maitland vs Knabenschuh & Morrison & Jas O Maxon..$111.50
Jan. 29, 1923—N CALIFORNIA 100 E Polk E 100xN 137-6. M E Vukicevich and Spencer B Bagge vs Mel G Franklin $7102.81
Jan. 29, 1923—E TWENTY-FIFTH Ave 114-6 S Balboa S 25xE120. Cox Bros vs E A Janssen.....$121.25
Jan. 29, 1923—E TWENTY-EIGHTH Ave 170 S Geary S 24-6xE 120. Cox Bros vs E A Janssen.....$108.50
Jan. 29, 1923—S ANZA 50 E 25th Ave E 50xS 100. Cox Bros vs E A Janssen $217
Jan. 31, 1923—S BUSH bet. Steiner and Pierce No. 2345 Bush. P E O'Hair & Co vs Gus and Jane Doe Brendt $153.67

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

Jan. 26, 1923—W KEARNY 36-6 N Sutter N 25xW 57-6. Mrs. F H Bresal et al as to improvements on property.....
Jan. 29, 1923—SW EDDY AND BUchanan W 230xN 120. The California Baking Co as to improvements on property.....
Jan. 29, 1923—NW EDDY AND BUchanan W 230xN 120. E B De Golla as to improvements on property .....
Jan. 31, 1923—S MARKET & THIRD SW 75xSE 70. City Imp. Co as to improvements on property.....
Feb. 1, 1923—ON WASHINGTON 60 and frontage on Stockton 137-6. Jos H Poett Howard and Stephen D Hayne as to improvements on property .....

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded Amount
Feb. 1, 1923—LOT 1 BLK 983 fmly W A Blk 625 37-6x100. The Greater City Lumber Co to Alice L and L S Bradshaw $191

JANUARY BUILDING SUMMARY

Following is a report of San Francisco building operations for the month of January, 1923, as shown by the records of the Bureau of Building Inspection of the Department of Public Works

Class	Number	Est. Cost
B	1	$ 150,000
C	34	1,174,450
Frames	266	1,670,723
Alterations	417	210,638
Total	718	$3,205,811

BUILDING CONTRACTS

ALAMEDA COUNTY

$1,000 and Over Reported

The following is an index for the contracts for this issue:

No.	Owner	Contractor	Amt.
348	Peterson	Peterson	4400
349	Wilson	Owner	2000
350	Lunt	Fish	7000
351	Peterson	Sircy	3157
352	Mead	Sommarstrom	7000
353	Haefler	Corbett	1500
354	Realty	Campbell	5000
355	Great Western	Owner	4000
356	Vlerich	Owner	3000
357	General	Foundation	8000
358	Hartley	Ortzow	1600
359	Foster	Johnson	3000
360	Anderson	Oakley	4200
361	Scarborough	Bardwell	4000
362	Congden	Owens	3000
363	Marquis	Owner	2500
364	Same	Owner	2500
365	Same	Owner	5000
366	Foster	Johnson	3000
367	Havens	Makin	5582
368	Same	Cookson	1326
369	Same	Barrett	9440
370	Same	Nelson	25850
371	Same	Johnson	23100
372	Same	Beckwith	1225
373	Same	National	2100
374	Same	Knights	1720
375	Same	Pacific	834
376	Same	Philip	1170
377	Sam	Fuller	4700
378	Same	Newbery	1973
379	Routt	Marshall	35000
380	Bowen	Lucas	5600
381	Gester	Henderson	10000
382	Knapp	Hamilton	3000
383	Price	Owner	4000
384	Johnson	Owner	5500
385	Price	Owner	4500
386	Flick	Owner	3500
387	Henmany	Norgrove	4950
388	Souba	Foyliatti	3200
389	Pfrang	Owner	20000
390	Lassen	Lassen	4500
391	Boisvert	Sharp	4200
392	Perkins	Hartley	2400
393	Hamilton	Higgins	2000
394	Parker	Owner	2500
395	United	Murch	15061
296	Silvera	Owner	2500
397	McSwayne	Tollefsen	5000
398	Healy	Owner	3000
399	Grimmius	Owner	3500
400	Cecchini	Owner	2000
401	Madge	Buckley	4450
402	Sail	Owner	3500
403	Tammi	Owner	2500
404	Campbell	Owner	3700
405	Schroer	Owner	2000
406	Tammi	Owner	3000
407	Graham	Owner	3800
408	Nichols	Owner	18000
409	Leonardo	Owner	2000
410	Orton	Owner	3500
411	Mentch	Stanley	4000
412	Sykes	Bruner	3300
413	Lundquist	Owner	2500
414	Fleming	Owner	3000
415	Close	Orton	2150
416	Patterson	Owner	3000
417	Healy	Owner	3000
418	Roberts	Gastman	6000
419	Meader	Owner	2500
420	Nichols	Owner	4750
421	Gardner	Glaser	3650
422	Hughes	Owner	4000
423	Roberts	Flittner	3225
424	Graves	Norgrove	5500
425	Pavert	Owner	31600
426	Moffett	Butzke	4600
427	Woodworth	Johanson	5000
428	Claussenius	Knight	3000
429	Same	Same	45000
430	Porter	Thiele	3800
431	Sweet	Neikert	2000
432	Barnes	Calif	24000
433	MacDonald	Barnes	2500
434	Clark	Alder	4000
435	Roberts	Flittner	3225
436	Baddely	Knight	1000
437	Standard	Owner	4000
438	Grimes	Owner	4500
439	Barkmeyer	Ferguson	3800
440	Nedson	Frazier	3000
441	King	Kennedy	45000
442	Grimes	Owner	3850
443	Oakland Bk	California	44694
444	Hebern	Doell	15892
445	Leonard	Peterson	——
446	Ennor	Brennan	55200
447	Williams	Owner	2500
448	Hamola	Hamola	2500
449	Felt	Owner	2400
450	Salverezzo	Schmidt	1700
451	McKillop	Atkinson	3140
452	Nickell	Owner	1000
453	Crichton	Scott	7100
454	Knezevick	Barr	2476
455	Dahl	Owner	2500
456	De Bo	Owner	1500
457	Meyers	Hudson	3000
458	St. Stephens	Brikham	3000
459	Beldon	Owner	7950
460	Pfrang	Owner	4000
461	Hart	Gonsalves	3300
462	Wilson	Hemenway	4000
463	Hudson	Owner	3000
464	Helmore	Feneud	2930
465	Jacckel	Hansen	4000
466	Cruz	Rutherford	3300
467	Mattson	Frostholm	4720

DWELLINGS
(348) NO. 1232 AND 1236 BLAKE ST., Berkeley. Two one-story 4-room dwellings.
Owner—Annie C. Peterson, 1200 E-24th St., Oakland.
Architect—None.
Contractor — Chas. Peterson, 1200 E-24th St., Oakland. $2200 each

ALTERATIONS
(349) NO. 2210 BANCROFT WAY, Berkeley. Alterations and additions.
Owner—Effie M. Wilson, 823 Franklin St., Berkeley.
Architect—None. $2000

DWELLINGS
(350) NO. 1732 & 1724 BROADWAY, Alameda. Two one-story 5-room dwellings.
Owner—Geo. A. Lunt, 1105 Park St., Alameda.
Architect—None.
Contractor—M. H. Fish, 1333 Fountain St., Alameda. $3500 each

DWELLING
(351) NO. 2507 CHESTER ST., Alameda. One-story 4-room dwelling.
Owner—Carl Peterson, 1203 Walnut St., Alameda.
Architect—None.
Contractor—J. B. Sircy, 2315 Alameda Ave., Alameda. $3157

ALTERATIONS
(352) SE PARK & CENTRAL AVE., Alameda. Alterations.
Owner—O. Mead, 1710 Everett St., Alameda.

Architect—None.
Contractor—Sommarstrom Bros., 306 14th St., Oakland. $7000

ALTERATIONS
(353) NO. 2812 BROADWAY, Oakland. Alterations.
Owner—Haefer Inc., Premises.
Architect—None.
Contractor—Corbett & Bayliss, 1110 Franklin St., Oakland. $1500

DWELLING
(354) NE EVANS AND EVERETT, Oakland. One-story 6-room dwlg.
Owner—Realty Service Co., 3628 Park Blvd., Oakland.
Architect—None.
Contractor—H. D. Campbell, 3628 Park Blvd., Oakland. $5000

REGULATOR HOUSE
(355) FOOT FIFTH AVE., Oakland. One-story concrete regulator house
Owner—Great Western Power Co., 1700 Broadway, Oakland.
Architect—None. $4000

DWELLING
(356) E FRUITVALE 195 S School, Oakland. One-story 5-room dwlg.
Owner—August Vlerich, 2918 Fruitvale Ave., Oakland.
Architect—None. $3000

ADDITION
(357) S E-FOURTEENTH 100 E 54th Ave., Oakland. Addition.
Owner—General Electric Co., Prem.
Architect—None.
Contractor — The Foundation Co., 58 Sutter St., San Francisco. $8000

ALTERATIONS
(358) NO. 3280 HYDE, Oakland. Alterations and additions.
Owner—R. J. Hartley, Premises.
Architect—None.
Contractor—A. Ortzow, 3929 West St., Oakland. $1500

DWELLING
(359) NE SEVENTY-THIRD AVE & Lockwood, Oakland. One-story store and dwelling.
Owner — Nellie C. Foster, 1610 40th Ave., Oakland.
Architect—None.
Contractor—Johnson & Winther, 1802 55th Ave., Oakland $3000

DWELLING
(360) E SIXTY-SECOND 300 N Fortune Way, Oakland. One-story 6-room dwelling.
Owner—H. Anderson.
Architect—None.
Contractor—Oakley & Kolmodin, 1911 65th Ave., Oakland. $4200

DWELLING
(361) NE WELLINGTON & TOWNsend, Oakland One-story 5-room dwelling.
Owner—B. Scarborough, 1133 Wellington St., Oakland.
Architect—None.
Contractor—C. E. Bardwell, 927 E-24th St., Oakland. $4000

DWELLING
(362) S FULLERTON 350 E Thirty-ninth Ave., Oakland. One-story 5-room dwelling.
Owner—M. S. Congden, 2527 Piedmont Ave., Oakland.
Architect—None.
Contractor —Owens, 38th Ave. & Sutter St., Oakland. $3000

DWELLING
(363) NO. 2246 RAWSON AVE., Oakland. One-story 5-room dwelling.
Owner — E. M. Marquis, 2827 Russell St., Oakland.
Architect—None. $2500

DWELLING
(364) NO. 2264 SANTA RITA AVE., Oakland. One-story 6-room dwlg.
Owner—E. M. Marquis, 2827 Russell St., Oakland.
Architect—None. $2500

DWELLINGS
(365) NO. 2284 AND 2288 THIRTY-ninth Ave., Oakland. Two one-story 5-room dwellings.
Owner — E. M. Marquis, 2827 Russell St., Oakland.
Architect—None. $2500 each

DWELLING
(366) NE SEVENTY-THIRD AVE AND Lockwood St., Oakland. All work for one-story store and dwelling.
Owner—C. and Nellie Foster, Oakland.
Architect—None.
Contractor—Alfred Johnson and V. Winthers, 1802 55th Ave., Oakland.
Filed Jan. 27, '23. Dated Jan. 12, '23.
Building inspected.....$525
Brown coated 525
Completed, deed to 2 lots.....
Usual 35 days..... 1050
TOTAL COST, $3000
Bond, none. Limit, 90 days fram Jan. 20. Forfeit, $1. Plans and specifications, none.

LATHING, ETC.
(367) W SHATTUCK AVE. fm Parker to Carlton Sts., Berkeley. Lathing and plastering for one-story concrete garage.
Owner—John W. Havens, 445 States St., Berkeley.
Architect—Jas. W. Plachek, 2014 Shattuck Ave., Berkeley.
Contractor—William Makin, 1048 Excelsior St., Oakland.
Filed Jan. 27, '23. Dated Jan. 24, '23.
On 1st and 15th of each month 75%
Usual 25 days..... 25%
TOTAL COST, $5582
Bond, none. Limit, as soon as possible. Forfeit, none. Plans and specifications filed.

(368) FOUR ROLLING DOORS ON above.
Contractor—H. W. Cookson, S. F.
Filed Jan. 27, '23. Dated Jan. 25, '23.
Payments same as above.....
TOTAL COST, $1326
Bond, none. Lihit, as soon as possible. Forfeit, none. Plans and specifications filed.

(369) CARPENTER & MILL WORK one above.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.
Filed Jan. 27, '23. Dated Jan. 25, '23.
TOTAL COST, $9440
Bond, none. Limit, as soon as possible. Forfeit, none. Plans and specifications filed.

(370) CONCRETE AND REINFORCing steel on above.
Contractor—F. E. Nelson, 3090 King St., Berkeley.
Filed Jan. 27, '23. Dated Jan. 25, '23.
Payments same as above.....
TOTAL COST, $25,850
Bond, none. Limit, as soon as possible. Forfeit, none. Plans and specifications filed.

(371) STRUCTURAL STEEL ON above.
Contractor—Janson Iron Works, 6408 San Pablo Ave., Oakland.
Filed Jan. 27, '23. Dated Jan. 24, '23.
Payments same as above.....
TOTAL COST, $23,100
Bond, none. Limit, as soon as possible. Forfeit, none. Plans and specifications filed.

(372) BRICK AND TILE WORK ON above.
Contractor — Herbert Beckwith, 351 12th St., Oakland.
Filed Jan. 27, '23. Dated Jan. 25, '23.
Payments same as above.....
TOTAL COST, $1225
Bond, none. Limit, as soon as possible. Forfeit, none. Plans and specifications filed.

(373) ROOFING ON ABOVE.
Contractor—National Roofing Co., 4057 San Pablo Ave., Oakland.
Filed Jan. 27, '23. Dated Jan. 25, '23.
Payments same as above.....
TOTAL COST, $2100
Bond, none. Limit, as soon as possible. Forfeit, none. Plans and specifications filed.

(374) PLUMBING ON ABOVE.
Contractor — Chas. W. Knights, 1919 University Ave., Berkeley.
Filed Jan. 25, 1923. Dated Jan. 24, 1923.
Payments same as above.....
TOTAL COST, $1720
Bond, none. Limit, as soon as possible. Forfeit, none. Plans and specifications filed.

(375) SHEET METAL WORK ON above.
Contractor—Pacific Metal Products Co., 2nd and Madison Sts., Oakland.
Filed Jan. 27, '23. Dated Jan. 25, '23.
Payments same as above.....
TOTAL COST, $834
Bond, none. Limit, as soon as possible. Forfeit, none. Plans and specifications filed.

(376) PAINTING ON ABOVE.
Contractor—Steven Philip, 1215 Peralta Ave., Berkeley.
Filed Jan. 27, '23. Dated Jan. 24, '23.
Payments same as above.....
TOTAL COST, $1170
Bond, none. Limit, as soon as possible. Forfeit, none. Plans and specifications filed.

(377) GLASS AND GLAZING ON above.
Contractor—W. P. Fuller & Co., 10th & Alice Sts., Oakland.
Filed Jan. 27, '23. Dated Jan. 25, '23.
Payments same as above.....
TOTAL COST, $4700
Bond, none. Limit, as soon as possible. Forfeit, none. Plans and specifications filed.

(378) ELECTRIC WIRING ON ABOVE
Contractor—F. E. Newbery Elec. Co., 417 Webster St., Oakland.
Filed Jan. 27, '23. Dated Jan. 24, '23.
Payments same as above.....
TOTAL COST, $1973
Bond, none. Limit, as soon as possible. Forfeit, none. Plans and specifications filed.

APARTMENTS
(379) W TERRACE 85-14 from S line Mather N 85-14 SW 150 E 127 to pt. beg, Oakland. All work except grading and excavation, to be done by contractor at $1.35 yd.; wall beds, stoves, carpets, linoleum, chimney and tile work for three-story apartments.
Owner—Myron M. Routt, 1565 Oak St., Oakland.
Architect — Guy Lynn Rosenbrook, Edith St. nr Moraga Rd., Oakland.
Contractor—Alex F. Marshall, 1136 10th Ave., Oakland.
Filed Jan. 27, '23. Dated Jan. 26, '23.
On 1st and 15th of each month 75%
Usual 35 days..... 25%
TOTAL COST, $35,000
Bond, $17,500. Surety, Globe Indomnity Co. Limit, 99 days. Forfeit, none. Plans and specifications filed.

ADDITION
(380) LOT 25 and Ptn Lot 24, Map Crocker Oaks, Piedmont. All work for two-story addition to dwelling.
Owner—Eliza Sprague Bowen.
Architect—None.
Contractor — Lawrence L. Lucas, 566 59th St., Oakland.

Filed Jan. 26, '23. Dated Jan. 23, '23.
Frame up ..... ¼
Brown coated ..... ¼
Accepted ..... ¼
Usual 35 days..... ¼
TOTAL COST, $5600
Bond, $2800. Surety, Globe Indemnity Co. Limit, without delay. Forfeit, none. Plans and specifications filed.

DWELLING
(381) NO. 5725 CLAREMONT BLVD., Berkeley. Two-story 9-room dwlg
Owner—Lilian M. Gester.
Architect—Ashley & Evers, 58 Sutter St., San Francisco.
Contractor—E. F. Henderson, 5744 Keith Ave., Oakland. $10,000

FACTORY
(382) NO. 743 DWIGHT WAY, Berkeley. One-story factory.
Owner—Knapp & Cortesse.
Architect—None.
Contractor—M. F. Hamilton, 825 Santa Fe Ave., Berkeley. $3000

DWELLING
(383) NO. 935 FRESNO AVE., Berkeley One-story 6-room dwelling.
Owner—Raymond D. Price, 1234 Tacoma Ave., Berkeley.
Architect—None. $4000

DWELLING
(384) NO. 2813 FULTON, Berkeley. Two-story 10-room dwelling.
Owner—Albert N. Johnson, 1727 Stuart St., Berkeley.
Architect—None. $5500

DWELLING
(385) NO. 952 HILLDALE, Berkeley. One-story 5-room dwelling.
Owner—B. M. Price, 1974 Shattuck Ave Berkeley.
Architect—None. $4500

DWELLING
(386) NO. 837 HEARST AVE., Berkeley. One-story 5-room dwelling.
Owner—E. A. Flick, 839 Hearst Ave., Berkeley.
Architect—None. $3500

DWELLING
(387) NO. 1804 MONTEREY, Berkeley One-story 5-room dwelling.
Owner—Grove C. Henmany, 1717 Bancroft, Berkeley.
Architect—None.
Contractor — C. M. Norgrove, 2220 Roosevelt Ave., Berkeley. $4950

DWELLING
(388) NW FORTY-SECOND AND Market, Oakland. One-story 4-room dwelling and store.
Owner—Carlo Souba, 4723 West St., Oakland.
Architect—None.
Contractor—R. Foyliatti, 443 43rd St., Oakland. $3200

DWELLINGS
(389) NO. 5359 AND 5367 BELGRAVE Place and 5348 and 5368 Thomas St., Oakland. Four one-story 6-room dwellings.
Owner—H. C. Pfrang, 5659 Ocean View Drive, Oakland.
Architect—None. Cost, $5000 each

DWELLING
(390) NO. 5346 BROADWAY, Oakland. One-story 6-room dwelling.
Owner—Carl C. Lassen, 5323 College Ave., Oakland.
Architect—None .
Contractor — Lassen & Shields, 5323 College Ave., Oakland. $4500

DWELLING
(391) NO. 3700 FOURTEENTH ST., Oakland. One and one-half-story 6-room dwelling.
Owner—J. W. Boisvert, 1428 Excelsior Ave., Oakland,
Architect—None .
Contractor—A. C. Sharp, 1327 E-28th St., Oakland. $4200

DWELLING
(392) NO. 8801 HILLCREST AVE., Oakland. Two-story 6-room dwlg.
Owner—C. E. Perkins, 8929 Scott St., Oakland.
Architect—None .
Contractor—E. A. Hartley, Hayward. $2400

ADDITION
(393) NO. 9234 HOLLY ST., Oakland. Addition.
Owner—Chas. Hamilton, 9224 Holly St. Oakland.
Architect—None.
Contractor—W. H. Higgins, 9439 Foothill Blvd., Oakland. $2000

DWELLING
(394) S HOPKINS 400 N Maple, Oakland. One-story 5-room dwelling.
Owner—Geo. G. Parker, 3091 23rd Ave., Oakland.
Architect—None. $2500

FACTORY
(395) NE NINETEENTH AND UNION Oakland. One-story concrete and steel factory.
Owner—United Autographic Register Co., Chicago.
Architect—None.
Contractor—Walter Murch, Federal Bldg., Oakland. $15,061

DWELLING
(396) NO. 1217 NINETEY-SEVENTH Ave., Oakland. One-story 4-room dwelling.
Owner—J. D. Silvera, 1221 97th Ave., Oakland.
Architect—None. $2500

DWELING
(397) NO. 4163 PARK BLVD., Oakland One and one-half-story five-room dwelling.
Owner—John McSwayne, Ideal Apartments, Oakland.
Architect—None.
Contractor—C. Tollefsen, 5877 E-17th St., Oakland. $5000

DWELLING
(398) NO. 2442 RANSOME AVE., Oakland. One-story 5-room dwelling.
Owner—P. J. Healy, 39 Nace Ave., Piedmont.
Architect—None. $3000

DWELLING
(399) NO. 933 THIRTY-SEVENTH ST. Oakland. Two-story 6-room dwlg.
Owner—John L. Grimmius, 3314 Magnolia St., Oakland.
Architect—None. $3500

DWELLING
(400) NO. 6214 TEVIS ST., Oakland. One-story 4-room dwelling.
Owner—S. Cecchini, 1311 80th Ave. Okd
Architect—None. $2000

DWELLING
(401) NO. 727 E-TWENTY-FOURTH St., Oakland. One-story 5-room dwelling.
Owner—Philip Madge, 1643 6th Ave., Oakland.
Architect—None.
Contractor—H. M. Buckley, 1201 E-33d St., Oakland. $4400

DWELLING
(402) W VERMONT 148 S Weldon, Oakland. One-story 5-room dwlg.
Owner—C. M. Sall, 804 57th St., Okd.
Architect—None. $3500

DWELLING
(403) NO. 1537 CHANNING, Berkeley. One-story 5-room dwelling.
Owner—Chas. Tammi, 2328A McKinley Ave., Berkeley.
Architect—None . $2500

DWELLING
(404) NO. 1210 JOSEPHINE, Berkeley. One-story 5-room dwelling.
Owner—D. Campbell, 2421 Oregon St., Berkeley.
Architect—None. $3700

WAREHOUSE
(405) NO. 2734 SAN PABLO AVE., Berkeley. One-story Class C warehouse.
Owner—K. Schroer, 2737 10th St., Berkeley.
Architect—None. $2000

DWELLING
(406) NO. 2347 SPAULDING, Berkeley One-story 5-room dwelling.
Owner—Chas. Tammi, 2328A McKinley Ave., Berkeley.
Architect—None. $3000

DWELLING
(407) NO. 569 BOULEVARD WAY, Oakland. One-story 5-room dwlg.
Owner—Chas. Graham, 615 Calmar Ave., Oakland.
Architect—None. $3800

APARTMENTS
(408) N COLLEGE 120 S Alcatraz, Oakland. Two-story 22-room apts.
Owner — M. D. Nichols, 338 63rd St., Oakland.
Architect—None . $18,000

DWELLING
(409) E EIGHTY-SEVENTH AVE 115 S B St., Oakland. One-etory 4-room dwelling.
Owner—Frank J. Leonardo, 2224 Auseon Ave., Oakland.
Architect—None . $2000

DWELLING
(410) NO. 2727 FIFTY-FIFTH AVE., Oakland. One-story 5-room dwlg.
Owner—A. E. Orton, 6800 Trenor St., Oakland.
Architect—None. $3500

DWELLING
(411) NO. 2227 FORTY-SEVENTH Ave., Oakland. One-story 5-room dwelling.
Owner—V. S. Mentch, 1405 9th Ave., Oakland.
Architect—None.
Contractor—J. A. Stanley, 1436 45th Ave., Oakland. $4000

DWELLING
(412) NO. 946 FORTY-FIFTH ST., Oakland. One-story 5-room dwlg.
Owner—Thos. Sykes, 842 14th St., Okd.
Architect—None.
Contractor—L. F. Bremer, 1720 Capistrano St., Oakland. $3300

DWELLING
(413) N HOLWAY 273 E Seminary Ave., Oakland. One-story 5-room dwelling.
Owner—Chas. W. Lundquist, 1586 Pacific Ave., Alameda.
Architect—None. $2500

DWELLING
(414) NO. 4221 HOPKINS, Oakland. One-story 5-room dwelling.
Owner—Andrew Fleming, 3706 Nevil St., Oakland.
Architect—None. $3000

DWELLINGS
(415) NO. 2315 AND 2321 HARRINGton Ave., Oakland. Two one-story 4-room dwellings.
Owner—H. Close.
Architect—None.
Contractor—A. E. Orton, 6800 Trenor St., Oakland. $2150 each

DWELLING
(416) NO. 7101 LOCKWOOD, Oakland One-story 5-room dwelling.
Owner—F. A. Patterson, 1907 Haste St., Berkeley.
Architect—None. $3000

DWELLING
(417) S LYON AVE 55 E Ransome St., Oakland. One-story 5-room dwlg.
Owner—P. J. Healy, 39 Nace Ave., Piedmont.
Architect—None. $3000

ALTERATIONS
(418) NO. 312 LEE ST., Oakland. Alterations and additions.
Owner—John T. Roberts. Premises.
Architect—None.
Contractor—H. H. Gastman, 1263 Euclid Ave., Berkeley. $6000

DWELLING
(419) E MARKET ST. 70 S 57th St., Oakland. 1-story 4-room dwelling.
Owner—C. E. Meader, 406 11th St., Okd.
Architect—None. $2500

DWELLING
(420) 2733 NINTH AVE., Oakland. 1-story 6-room dwelling.
Owner—C. R. Nichols, 355 12th 1t., Okd.
Architect—None. $4750

DWELLING
(421) 2927 61st Ave., Oakland. 1-story 5-room dwelling.
Owner—Mrs. M. B. Gardner, 6008 Scenic Way, Oakland.
Architect—None.
Contractor—W. N. Glaser, 2553 Seminary Ave., Oakland. $3650

DWELLING
(422) S WALLA VISTA 879 E Lakeshore, Oakland, 1-story 6-rm. dwlg.
Owner—F. W. Hughes, 1806 62nd St., Berkeley.
Architect—None. $4000

DWELLING
(423) W HALEY AVE 175 S Hopkins St. S 35 thence at right angles 136-6, Oakland, One-story frame dwelling.
Owner—J. P. & Daisy Roberts, Oakland
Architect—A. W. Smith, 1010 Broadway Oakland.
Contractor—J. Flittner, 1700 35th Ave., Oakland.
Filed Jan. 30, 1923. Dated Jan. 29, 1923.
Frame up .....$ 825
Completed and accepted 800
Usual 35 days 1600
TOTAL COST, $3225
Bond, none; Sureties, none; Forfeit, $2 day; Limit, 75 days; Plans and specifications filed.

DWELLING
(424) NO. 1921 EL DORADO, Berkeley One-story 5-roo mdwelling.
Owner—D. D. Graves, 1908 Virginia St., Berkeley.
Architect—None.
Contractor—C. M. Norgrove, 2220 Roosevelt Ave., Berkeley. $5500

DWELLINGS
(425) NO. 1424 AND 1428 HOPKINS; 1920, 1924, 1928, 1930, 1934 and 1938 Ward, Berkeley. Eight one-story 6-room dwellings.
Owner—R. J. Pavert, 1st National Bk. Bldg., Berkeley.
Architect—None. $3950 each

DWELLING
(426) NO. 1910 LOS ANGELES, Berkeley. One-story 6-room dwelling.
Owner—E. Moffett, 2184 University Ave., Berkeley.
Architect—None.
Contractor—O. H. Butzke, 1315 66th St. Berkeley. $4600

DWELLING
(427) NO. 2903 RUSSELL, Berkeley. One-story 5-room dwelling.
Owner—N. Woodworth, Hotel Claremont, Berkeley.
Architect—None.
Contractor—G. Johanson, 1357 Northside Ave., Berkeley. $5000

GARAGES
(428) PARK AVE., Alameda. Three garages.
Owner — Max Claussenius, 1813 Alameda Ave., Alameda.
Architect—None.
Contractor—Harry C. Knight, 2265 Powell Blvd., Alameda. $1000 each

APARTMENTS
(429) PARK AVE., Alameda. Three two-story 16-room apartments.
Owner — Max Claussenius, 1813 Alameda Ave., Alameda.
Architect—None.
Contractor—Harry C. Knight, 2265 Powell Blvd., Ala. $15,000 each

DWELLING
(430) NO. 1730 SAN JOSE AVE., Alameda. One-story 5-room dwlg.
Owner — A. W. Porter, 1826 San Jose Ave., Alameda.
Architect—None.
Contractor—F. J. Thiele, 2906 Madison St., Alameda. $3800

DWELLING
(431) E AUSEON 125 S Birch, Oakland. One-story 4-room dwelling.
Owner—B. E. Sweet, 324 40th St., Oakland.
Architect—None.
Contractor—J. E. Neikert. $2000

APARTMENTS
(432) S BAY VIEW 300 and 389 W Elliott, Oakland. Two two-story 16-room apartments.
Owner—David Barnes, 1534 Franklin St., Oakland.
Architect—None.
Contractor—California Builders Co., 1534 Franklin St., Okd. $12,000 ea

DWELLING
(433) NO. 1522 FIFTH AVE., Oakland. One-story 4-room dwelling.
Owner—Wm. MacDonald.
Architect—None.
Contractor—Barnes & Place, 64 Garland Ave., Oakland. $2500

DWELLING
(434) S FLORIDA 190 W Maple, Oakland. One-story 5-room dwelling.
Owner—A. E. Clark, 2510 E-21st St., Oakland.
Architect—None.
Contractor—Alder & Clark, 2510 21st St., Oakland. $4000

DWELLING
(435) W HALEY AVE 200 S Hopkins, Oakland. One-story 5-room dwlg.
Owner—J. P. and Daisy Roberts, 27 Yosemite Ave., Oakland.
Architect—None.
Contractor — Jos Flittner, 1700 35th Ave., Oakland. $3225

GARAGE
(436) E HADDON ROAD 200 S Treatle Glen Road, Oakland. Garage.
Owner—H. F. Baddely.
Architect—None.
Contractor—H. C. Knight, 388 12th St., Oakland. $1000

SERVICE STATION
(437) SE COR HARWOOD & College, Oakland. 1-story steel service station.
Owner—Standard Oil Co.
Architect—None. $4000

DWELLING
(438) 1639 HOPKINS, Oakland. 1-story 6-room dwelling.
Owner—Robert D. Grimes, 355 12th St., Oakland.
Architect—None. $4500

DWELLING
(439) E THIRTY-FIFTH AVE. 40 S E-18th St., Oakland, 1-story 5-room dwelling.
Owner—H. Barkmeyer.
Architect—None.
Contractor—A. L. Ferguson, 3268 Prentice St., Oakland. $3800

DWELLING
(440) S E-TWENTY-EIGHTH ST. 134 E-13th Ave., Oakland. 1-story 5-rm. dwelling.
Owner—Mary Ellen Nedson, 734 9th St., Oakland.
Architect—None.
Contractor—Jas. V. Frazier, 2424 Peralta Ave., Oakland. $3000

THEATRE & OFFICE
(441) SW COR TWENTY-THIRD AVE and E 15th St., Oakland, 1 and 2-story conc. theatre and office.
Owner—Allen King, E-15th St. & 23rd Ave., Oakland.
Architect—None.
Contractor—F. T. Kennedy, 434 9th St., Oakland. $46,000

DWELLING
(442) 3479 WOODRUFF AVE., Oakland 1-story 5-room dwelling.
Owner—Robert D. Grimes, 355 12th St., Oakland.
Architect—None. $3850

OFFICE & BANK BLDG.
(443) E BROADWAY 55 N 12th St. N 45 E 100 Oakland. Ornamental iron and bronze for 17-story class A office and bank bldg.
Owner—The Oakland Bank, premises.
Architect — Reed & Corlett, Oakland Bank of Savings Bldg, Oakland.
Contractor—California Artistic Metal & Wire Co., 351 7th St., S. F.
Filed Jan. 31, 1923. Dated Jan. 20, 1923.
Tenth day each month.....75%
Usual 35 days 25%
TOTAL COST, $44,694
Bond, $22,347; Sureties, Fidelity & Deposit Co.; Forfeit, none; Limit, 1 year; Plans and specifications filed.

OFFICE & FACTORY
(444) LOTS 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, Blk 86 Map A Complete Map of Oakland by Julius Kellersberger, Oakland. Plumbing for 3-story and basement office and factory.
Owner—Hehern Electric Code Inc.
Architect—Reed & Corlett, Oakland Bk. of Savings Bldg., Oakland.
Contractor—Carl T. Doell, 467 21st St. Oakland
Filed Jan. 31, 1923. Dated Jan. 26, 1923.
Tenth day each month 75%
Usual 35 days 25%
TOTAL COST, $16,892
Bond $7946; Sureties, Union Indemnity Co.; Forfeit, none; Limit, April 22; Plans and Specifications filed.

DWELLING
(445) PTN LOTS 15 & 16 BLK C Map Piedmont Knoll, Oakland. 2-story dwelling.
Owner—H. H. Alvaretta S. Leonard, 631 Arch Blvd Way, Oakland.
Architect — None.
Contractor—Alfred Peterson, 3918 Linwood Ave., Oakland.
Filed Jan. 31, 1923. Dated Jan. 30, 1923. Owner pays bills as work proceeds. Contractor gets 6%.
Bonds, none; Sureties, none; Forfeit, none; Limit, 90 days from Feb. 1; Plans and specifications filed.

RESTAURANT
(446) LOT 8 & W 11 LOT 9 BLK B Blake Tract No. 1 Berkeley. 2-story and basement rein. conc. restaurant except electric fixtures, heating system, shades, counters, equipment and sidewalk elevator.
Owner—H. W. Ennor, 2148 Center St., Berkeley.
Architect — James W. Plachek, 2014 Shattuck Ave., Berkeley.
Contractor—J. P. Brennan, 1519 Hearst Berkeley.
Filed Jan. 31, 1923. Dated Jan. 29, 1923.
First & 15th day each month....75%
Usual 35 days 25%
TOTAL COST, $55,200

Bond, $55,200; Sureties, Fidelity & Deposit Co.; Forfeit, none; Limit, 120 days Plans and specifications filed.

DWELLING
(447) NO. 2118 CURTIS ST., Berkeley. One-story 5-room dwelling.
Owner—Valno Williams, El Cerrito.
Architect—None. $2600

DWELLING
(448) NO. 2122 CURTIS ST., Berkeley One-story 5-room dwelling.
Owner—Hilza Hamola, 624 Haight Ave. Alameda.
Architect—None.
Contractor—John H. Hamola, 6214 Haight Ave., Alameda. $2500

DWELLING
(449) NO. 2320 JEFFERSON ST., Berkeley. One-story 5-room dwlg.
Owner—R. D. Felt, 2432 McGee St., Berkeley.
Architect—None. $2400

ALTERATIONS
(450) NO. 1606 WARD ST., Berkeley. Alterations.
Owner—Wm. A. Salverezzo, 2731 California St., Berkeley.
Architect—None.
Contractor—Carl Schmitt, 1614 Ward St., Berkeley. $1700

ALTERATIONS
(451) 646 AILEEN ST., Oakland. Alterations.
Owner—Angus McKillop.
Architect—None.
Contractor—E. L. Atkinson, 2735 Grove St., Berkeley. $3140

DWELLING
(452) 8516 BIRCH ST., Oakland. 1-sto. 3-room dwelling.
Owner—G. N. Nickell, 902 85th Ave., Oakland.
Architect—None. $1000

STORE
(453) NE COR DIMOND & HOPKINS, Oakland. 1-story store.
Owner—C. J. Crichton.
Architect—None.
Contractor—G. A. Scott, 685 23rd St., Oakland. $7100

DWELLING
(454) NE EIGHTY-SECOND AVENUE and Blanch St., Oakland. 1-story 5-room dwelling.
Owner—John Knezevick, 10th & Wood Streets, Oakland.
Architect—None.
Contractor—Barr & Son, 306 26th St., Oakland. $2476

DWELLING
(455) 2233 FOURTEENTH AVE., Oakland. 1-story 4-room dwelling.
Owner—Edwin W. Dahl, 2435 E-24th St., Oakland.
Architect—None. $2500

DWELLING
(456) E FAIR AVE 125 S Wilkie St., Oakland, 1-story 4-room dwelling.
Owner—C. De Bo, 2302 Blandin Ave., Alameda.
Architect—None. $1500

DWELLING
(457) N MONTANA ST 370 E Champion, Oakland. 1-story 5-room dwlg.
Owner—Edyth Meyers, Harold St., Okd.
Architect—None.
Contractor—L. G. Hudson, 1771 Evans Ave., Oakland. $3000

ADDITION
(458) PARK BLVD & 13th Ave, Oakland. Addition.
Owner—St. Stephens M E Church.
Architect—None.
Contractor—S. D. Brigham, 1371 E-33rd St., Oakland. $3000

STORES
(459) SE COR PIEDMONT & ENTRADA Ave., Oakland. 1-story stores.
Owner — H. B. Beldon, 437 Broadway, Oakland.
Architect—None. $7950

DWELLING
(460) 5 PARK PLACE, Oakland. 2-sto. 5-room dwelling.
Owner—L. G. Pfrang, 5467 Lockseley Av Oakland.
Architect—None. $4000

DWELLING
(461) SE COR SIXTY-FIRST AVE. & Fortune Way, Oakland, 1-story 5-room dwelling.
Owner—T. J. Hart, 2523 61st Ave., Okd.
Architect—None.
Contractor—A. M. Gonsalves, 2556 61st Ave., Oakland. $3300

DWELLING
(462) S SIXTY-THIRD ST 434 E Canning, Oakland. 1-story 5-room dwlg
Owner—Miss Mabel I. Wilson, 390 63rd St., Oakland.
Architect—None.
Contractor—Edwin A. Hemenway, 390 63rd St., Oakland. $4000

DWELLING
(463) S E-THIRTY-EIGHTH ST 90 W Linwood, Oakland, 1-story 5-room dwelling.
Owner—L. G. Hudson, 1771 Evans Ave., Oakland.
Architect—None. $3000

DWELLING
(464) 3765 THIRTY-NINTH AVENUE, Oakland. 1-story 4-room dwelling.
Owner—Geo. Helmore, 3767 38th Ave., Oakland.
Architect—None.
Contractor—Neil Feneud 1806 38th Ave., Oakland. $2930

DWELLING
(465) 4801 WALNUT AVE., Oakland. 1-story 5-room dwelling.
Owner—H. K. Jacckel, 3210 35th Ave., Oakland.
Architect—None.
Contractor—C. Hansen, 3210 35th Ave., Oakland. $4000

DWELLING
(466) N FORTY-THIRD 140 E West E 50xN 100, Oakland. All work for one-story frame dwelling.
Owner—Howard J. Cruz, 1520 Webster St., Oakland.
Architect—A. W. Smith, 1010 Broadway, Oakland.
Contractor — Thomas Rutherford, 985 35th St., Oakland.
Filed Feb. 1, '23. Dated Jan. —.
Frame up ..... ¼
Brown coated ..... ¼
Completed and accepted..... ¼
Usual 35 days..... ¼
TOTAL COST, $3300
Bond, $1750. Sureties, Fred E. Nelson and Henry Drath. Limit, 70 days. Forfeit, $2. Plans and specifications filed.

DWELLING
(467) LOT 2 BLK "D" East Piedmont Heights Tract, Oakland. All work for one-story dwelling.
Owner—H. N. Mattson.
Architect—A. W. Smith, 1010 Broadway, Oakland.
Contractor—H. M. Frostholm, 877 Lakeshore Ave., Oakland
Filed Feb. 1, '23. Dated Jan. 29, '23.
Frame up ..... ¼
Brown coated ..... ¼
Completed and accepted..... ¼
Usual 35 days..... ¼
TOTAL COST, $4720
Bond, $2500. Surety, Mrs. E. L. Shelby Limit, 75 days. Forfeit, $1. Plans and specifications filed.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Accepted

Jan. 26, 1923—LOT 6 BLK "B" Map Lakeshore Terrace, Okd. Elizabeth and Donald Robertson to Jos Flittner.....Jan. 26, 1923

Jan. 26, 1923—LOT 18 BLK 5, Berkeley Heights Tract, Berkeley. Ralph V Dewey to Moree & Hind .....Jan. 23, 1923

Jan. 27, 1923—LOT 33 BLK 4, Map North Cragmont, Berkeley. Wendell M Latimer to whom it may whom it may concern concern.....Jan. 26, 1923

Jan. 27, 1923—LOT 32 BLK 3, Northbrae, Berkeley. Henry M Hink to Gustaf Johanson.....Jan. 25, 1923

Jan. 27, 1923—NE SIXTY-SECOND & Telegraph Ave, Oakland. William Howard to California Builders Co .....Jan. 24, 1923

Jan. 29, 1923—NINETIETH AVE 125 from Walnut St., Oakland. Y B Shafer to Rudolph Norlin ....Jan. 26, 1923

Jan. 29, 1923—NO. 2906 SEMINARY Ave., Oakland. A E Orton to whom it may concern..Jan. 26, 1923

Jan. 30, 1923—E BONITA AVE 45 S Eunice S 35xE 135, Berkeley. Geo R Moss to J A Marine..Jan. 30, 1923

Jan. 30, 1923—W ALICE 824 N 12th N 46xW 150, Oakland. Hilda M Gray to Sommarstrom Bros..... .....Jan. 30, 1923

Jan. 30, 1923—SE THIRTY-EIGHTH Ave 230 NE Mera NE 25xSE 120, Oakland. Eula Ferrand to whom it may concern.....Jan. 29, 1923

Jan. 30, 1923—E BONITA AVE 10 S Eunice S 35xE 135, Berkeley. Geo R Moss to J A Marine..Jan. 30, 1923

Jan. 30, 1923—LOT 2 BLK 3 Map Fruitvale Orchard Terrace, Oakland. Hughes & Beyrenther to whom it may concern..Jan. 29, 1923

Jan. 30, 1923—NW 105TH AVE and NE Pontiac NW 240 to pt beg NW 200 NE 100, Oakland. Frank Johnson, Harry H Begier and E L Fitzpatrick to whom it may concern.....Jan. 26, 1923

Jan. 30, 1923—E E-FOURTEENTH 842 N Stanley Ave 210.83x1032.76, Oakland. Star Motor Co. of Calif. to Frank A Gottstein.....

Jan. 30, 1923—N FOOTHILL BLVD 50 W Ritchie, Oakland. Jas Haedrich to A E Orton.....Jan. 26, 1923

Jan. 30, 1923—NO. 1072 HOPKINS, Oakland. M E Hennings to John Lehman.....Jan. 29, 1923

Jan. 31, 1923—S WEBSTER ST 150 E College Ave, Berkeley. John O. & Cecelia C. Olson to Harry C. Knight.....Jan. 20, 1923

Jan. 31, 1923—LOT 20 BLK 22 BEAUdry & Peladeau Property, Oakland. Nellie Hale to M. F. Wise..Jan. 30, '23

Jan. 31, 1923—NE LOT 47 & NW LOT 47 Map Stonehurst SW 30 NW 100 NE 40 SE 100, Oakland. Walter Koch to Jos. Flittner..Jan. 25, 1923

Jan. 31, 1923—PTN LOT 28 & ½ LOT 27 Map Marshall Tract, Oakland. Louis J. Kruse to whom it may concern .....Jan. 31, 1923

Jan. 31, 1923—E MARKET ST 331 S 1st St S 150 E 100, Oakland. P. G. & E. Co. to Darling Metal & Pipe Works .....Jan. 23, 1923

Jan. 31, 1923—West Alameda, Alameda. S P. Co. to Harbor Brand Paint Co., Inc. .....Jan. 31, 1923

Feb. 1, 1923—W 20 LOT 9 and E 17.94 Lot 10 Map Showing Sbdvn of Southwest Ptn Plot 53, Kellersbergers Map Peralta Ranch Surveyed for E. D. Harmon, Berkeley. J B Perkins to G W Owens..... .....Jan. 28, 1923

Feb. 1, 1923—LOT 57 BLK 1125 Pleasant Valley Court Addition, Oakland. David Kesti to whom it may concern.....Feb. 1, 1923

Feb. 1, 1923—LOT 3 Map Robley Terrace, Oakland. Charles Thomas to Joseph Parker & Son....Feb. 1, 1923

LIENS FILED

ALAMEDA COUNTY

Recorded Amount

Jan. 26 1923—LOTS 1 AND 2 S 43½ Lot 3 and Lots 32, 33 and 34 Map Casserly Tract, Oakland. Nelson Lumber Co vs W J Myers, John G and Nellie Soberg. $69.13

Jan. 27, 1923— W FORTY-SEVENTH Ave 159.03 SW Melrose Ave SW 44.03xNW 115, Oakland. Tine Holton vs W M Woodward....$600.44

Jan. 27, 1923—LOT 43 AND E 12-6 Lot 44 Map Drexler Tct, Oakland. Dixon & Holbrook. $10.60 Rigney Tile Co, $55 vs H H Gaston and Adelaide Durkee .....

Jan. 29, 1923—NO. 1326 BONITA AV Berkeley. R McDermott vs H W and Jane E Fincke $260

Jan. 30, 1923—W FORTY-SEVENTH Ave 88 N Ygnacio N 44.03xW 115, Oakland. Suuset Lumber Co vs W M Woodward and Tine Holton $1168.52

Jan. 31 1923 — W 17th AVE 88 N Ygnacio Ave. N 44.03 x S 115, Oakland. S. P. Ashley vs. W. M. Woodward & Tine Holton $45

Feb. 1, 1923—N E-THIRTY-EIGHTH 50 W Division W 50xN 90, Oakland R F Matteson. $178.66; Oakland Building Material Co. $279.70 vs Jos Hogan, B G Bail and Joseph K Khoumrian .....

Feb. 1, 1923—NW COR. E-THIRTY-eighth and Division W 50xN 90, Oakland. Oakland Building Material Co vs Jos Hogan and Grace Shoemaker $280.29

Feb. 1, 1923—LOT 43 and E 12 Lot 44, Map Drexler Tract, Oakland. Uhl Bros vs R A Brady and Adelaide Durkee $120

Feb 1, 1923 LOT 52 BLK 9, Map Steinway Terrace, Oakland. R F Matteson vs L M Biller and Jos Hogan $159.16

Feb. 1, 1923—N SUNNYSIDE DRIVE 603 E E-Fourteenth E 40 N 181.70 W 40 S 181.68, San Leandro. California Door Co vs Darling, Harding & Co. Omer F Darling and Marie Avellar $266

Feb. 1, 1923—S SUNNYSIDE DRIVE 283 E E-Fourteenth E 40 S 180.05 W 40 N 180.09 San Leandro. California Door Co vs Darling, Harding & Co. Omer F Darling and Marie Avellar $268.25

Feb. 1, 1923—S SUNNYSIDE DRIVE 183 E E-Fourteenth E 40 S 179.89 W 40 S 179.90, San Leandro. California Door Co vs Darling, Harding & Co. Omer F Darling and Marie Avellar $206.50

Feb. 1, 1923—S SUNNYSIDE DRIVE 883 S E-Fourteenth E 40 S 179.54 W 40 N 179.61, San Leandro. California Door Co vs Darling, Harding & Co. Omer F Darling and Marie Avellar $180.50

Feb. 1, 1923—N SUNNYSIDE DRIVE 323 E E-Fourteenth E 40 N 181.54 W 40 S 181.52, San Leanrdo. California Door Co vs Darling, Harding & Co. Omer F Darling and Marie Avellar $269.50

Feb. 1, 1923—S SUNNYSIDE DRIVE 603 E E-Fourteenth E 40 S 179.80 W 40 N 179.83, San Leandro California Door Co vs Darling, Harding & Co Omer F Darling and Marie Avellar $216

Feb. 1, 1923—S SUNNYSIDE DRIVE 203 E E-Fourteenth E 40 S 180.11 W 40 N 180.14 San Leandro. California Door Co vs Darling, Harding & Co. Omer F Darling and Marie Avellar $205.50

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded Amount

Jan. 26, 1923—E TWENTY-NINTH Ave 295.65 NE Elmhurst Ave SE 609.60 NE 349.31 NW 607.29 SW 370.50, Oakland. J H Bruns to A W Palfreyman et al.....$132.72

Jan. 26, 1923—LOT 2 BLK 66, Map Subdivision 2, Park Place, Oakland Eureka Mill & Lumber Co to Anna and Ed Cox $229.90

Jan. 29, 1923—LOT 8 BLK "H" Map Fourth Ave Terrace, Oakland. M J Mathias and C W Bell to R O and Lenore G Miller and Joe Silva $110.40

Jan. 29, 1923—W 50 LOT 4, Map Lakeside Tract Adams Point Ppty., Oakland. Sunset Lumber Co to Etta Weiss $364.84

Feb 1, 1923—LOT 11 BLK 4, Map Berkeley Square. Victor Devight to Howard E Bennett and Chas C Williams $34

Jan. 31, 1923—2522-24-26-28 GRANT St., Berkeley. Dolan Bros Wrecking Co to Mina C Ahrens....$315.73

Notice of Non-Responsibility

ALAMEDA COUNTY

Jan. 29, 1923—LOTS 6, 7, 8 and 9 and S 10 Lot 5 Map Cordes Tract, Oakland. William H Donahue as to improvements on property.....

Jan. 30, 1923—SE 10 LOT 21, all Lot 22 and NW 5 Lot 23 Blk 16, Map Key Route Heights, Oakland. Alameda Investment Co as to improvements on property.....

Jan. 30, 1923—E BROADWAY 50 N 13th St N 50 E 100, Oakland. Mary Esther Glenn Guerin, Laura Frances Glenn, Carmelita Glenn, Helen Glenn Degener as to improvements on property .....

BUILDING CONTRACTS

SANTA CLARA COUNTY.

$1,000 and Over Reported

RESIDENCE

SE ADDISON AVE AND WAVERLY St., Palo Alto. All work for one and one-half-story residence.

Owner—Thomas B. Blake, 855 Waverly St., Palo Alto.

Architect—Birge M. Clark, 600 Embarcadero Road, Palo Alto.

Contractor—The Minton Co., Palo Alto.

Filed Jan. 23, '23. Dated Jan. 18, '23.

Frame completed, roof sheathed and chimney up.....	$2175
1st coat brown plaster on.....	2175
Completed and accepted.....	2175
Usual 35 days.....	2175
TOTAL COST,	$8700

Bond, $4350. Sureties, William P. Wright and Margerie Minton. Limit, 100 working days. Forfeit, none. Plans and specifications filed.

STORE

SW FIRST AND JULIAN STS., San Jose. All work except glass or metal bars and setting of glass for remodeling store.

Owner—J. S. Mise, 97 N-Market St., San Jose.

Architect—Wolfe & Higgins, Auzerals Bldg., San Jose.

Contractor—J. C. Thorp, Auzerals Bldg. San Jose.

Filed Jan. 26, '23. Dated Jan. 24, '23.

As work progresses.....	75%
2nd payment.....	25%
TOTAL COST,	$1686

Bond, $813 Sureties, Geo. I. Thorp and Chas. W. Brown. Limit, 35 working days. Forfeit, none Plans and specification filed

DWELLING

PTN LOTS 3 AND 4 BLK 32, Naglee Park Tract No. 1, San Jose. All work for dwelling and garage.

Owner — Thos. R. Dougherty, Ryland Bldg., San Jose.

Architect—None.

Contractor—E. A. Roberts.

Filed Jan. 25, '23. Dated Jan. 18, '23.

Frame up and roof on.....	⅓
2nd coat plaster on.....	⅓
30 days after.....	⅓
TOTAL COAST,	$4400

Bond, limit, forfeit, plans and specifications, none.

FRAME BLDG.

N SANTA CLARA bet. Pleasant and River Sts., San Jose. All work for two-story brick and frame bldg.

Owner—John Widney, 1199 Franklin St., San Francisco.

Architect—Wolfe & Higgins, Auzerals Bldg., San Jose.

Contractor—H. R. Sherman, 528 Chapman St., San Jose.

Filed Jan. 26, '23. Dated Jan. 24, '23.

As work progresses.....	75%
2nd payment	25%
TOTAL COST,	$20,778

Bond, $10,389. Sureties, A. L. Hubbard and W. E. Woodhams. Limit, 120 working days. Forfeit, none. Plans and specifications filed.

TIME CLOCK

LOS GATOS. All work and materials for installing electric time clock.

Owner—Grammar School, Los Gatos School District, Los Gatos.

Architect—Wyckoff & White, Auzerals Bldg., San Jose.

Contractor—Standard Electric Time Co. of California, 461 Market St., San Francisco.

Filed Jan. 25, '23. Dated Jan. 4, '23.

As work progresses.....	75%
Usual 35 days.....	25%
TOTAL COST,	$950

Bonds, $475 and $237.50, Surety, American Surety Co. of New York. Limit, forfeit, plans and specifications, none.

COTTAGE, four-rooms, $12,000; Spencer St. near Home, San Jose; owner, C. V. Dillon.

COTTAGE, four-room, $3000; Spencer and Brown Sts., San Jose; owner, Joe Ulis.

BUSINESS building, brick, $3800; Market near San Carlos St., San Jose; owner, S. P. Cnstina; architect, Binder & Curtis, 255½ S-First St., San Jose.

COTTAGE, four rooms, $1800; Union near Orchard St., San Jose; owner, G. Tomasco; contractor, John John Garotti.

COTTAGE, five-room, $1950; S Ninth near Virginia St., San Jose; owner, Emmet McGuoid, 198 Tillman St., San Jose.

BUSINESS building, one-story, $6750; S-Second near San Fernardino St., San Jose; owner, J. Atlas, 390 S-15th St., San Jose; architect, Wolfe & Higgins, Auzerals Bldg., San Jose.

HEATING plant, $8000; N-Fifth near St. John St., San Jose; owner, Christian Assembly; architect, Binder & Curtis, 255½ S-First St., San Jose; contractor, P. J. Enright, 2720 McAllister St., San Francisco.

COTTAGE, six-room, $3975; N-15th St. near Washington, San Jose; owner, Vincent Maggio, 750 S-5th St., San Jose.

COTTAGE, five-room, $4285; Delmas near Park St., San Jose; owner, Miss Eliz. Hickey, 15 Koarny St., San Francisco; contractor, A. J. Nielsen, 156 S-20th St., San Jose.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Accepted
Jan. 23, 1923—LOT 2 BLK 1, Hester Park Tract, San Jose. Charles W Lannin and D M Cline to whom it may concern.....Jan. 23, 1923
Jan. 24, 1923—NO. 87 HOLLYWOOD Ave, San Jose. Gertrude Curtis to Hastings Bros.....Jan. 24, 1923
Jan. 25, 1923—604 MIDDLEFIELD Road, Palo Alto. James H Quinby to The Minton Co.....Jan. 20, 1923
Jan. 25, 1923—S ⅔ LOT 12 BLK 29, Reed's Add'n to San Jose. Louise Bruch to A J Bowen....Jan. 23, 1923
Jan. 25, 1923—LOT 70 Marguerite Tct No. 2, San Jose. Antone Correa to Wm H O'Neil.....Jan. 25, 1923
Jan. 26, 1923—76 N-WILLARD AVE., San Jose. Mrs. Freda Robson to Hastings Bros.....Jan. 10, 1923
Jan. 26, 1923—SW 50 FT. LOTS 7 & 8 Blk 32 Sub. of Blk 32, University Grounds, Palo Alto. John Harvey to whom it may concern.Jan. 26, 1923
Jan. 27, 1923—W ALEXANDER bet. 6th & Martin Sts., Gilroy. Myrtle and Mable Wetmure to William Radtke.....Jan. 25, 1923

LIENS FILED

SANTA CLARA COUNTY

Recorded Amount
Jan. 24, 1923—2¼ ACRES off S side Lot 4, Albright's Sub. of part of Lot 5 Parr Tract in Cancho Rinconada de Los Gatos. H E Howard vs L C De Bussy.....$68.17
Jan. 27, 1923—PTN LOT 3 BLK 1, N R 4 E Henry Miller et al vs Massey Thomas et al. Hubbard & Carmichael Bros vs Julian J Keller and Hope E Keller.....$1644.95
Jan. 29, 1923—E CHURCH 100 S First St. lot 60x142, Gilroy. Martin Hardware Co, $13.85; Whitehurst & Hodges, $209.93; Robinson Hardware Co, $45.46 vs A C Band.....
Jan. 29, 1923—N 50 LOT 3 BLK 1, N R 4 E, City of Gilroy. Robinson Hardware Co, $1028.92; Palmer & Ehrich, $2027.21; ii Hecker Co., $38.09; Whitehurst & Hodges, $348.29 vs Julian J and Hope E Keller .....
Jan. 30, 1923—LOT 23 BLK 3, South Palo Alto. Christian H Christensen and Albert C Anderson (as Christensen & Anderson), $395.29; Alfred E Werry and Fred Roller (as Werry & Roller Electric Shop) $153.52 vs Clara MacGregor and S S Cooke .....
Jan. 30, 1923—LOT 18 Schiel Sub, San Jose. G Ellis Nichols vs E W and Susan E Stout $257
Jan. 31, 1923—LOT 10 BLK 4, North R 2 W Map 5, Henry Miller et al vs Massey Thomas et al, Gilroy. Hubbard & Carmichael Bros vs Richard and Mayme Soward .$373.75
Jan. 31, 1923—SE 225 ACRES LOT 4 Albright Sub Ptn Lot 5, Parr Partition Rancho Rinconada de Los Gatos. Charles Forsythe vs L C de Bussy $84

BUILDING CONTRACTS

SACRAMENTO COUNTY

$2,500 and Over Reported

DWELLING, one-story 5-room and garage, $3100; No. 1024 Santa Ynez St., Sacramento; owner, Frank H. Schmittgen, 1208 Q St., Sacramento; contractor, Carl Koch, 3418 L St., Sacramento.
DWELLING one-story 5-room and garage, $3400 each; No. 3972 and 3970 Sherman Way, Sacramento; owner, Herman Weber, 1409 Q St., Sacramento; contractor, V Burgeson, 3956 Sherman Way, Sacramento.
DWELLING, one-story 4-room and garage, $2600; No. 3224 Ninth St., Sacramento; owner, C. Blodgett, 3356 33rd St., Sacramento; contractor, E. R. Beebe, 916 38th St., Sacramento.
DWELLING, one-story 5-room and garage, $3000; No. 3964 E St., Sacramento; owner, W. B. Fink, 4015 D
DWELLING, one and one half-story 6-room and garage, $4000; No. 516 40th St., Sacramento; owner, W. B. Fink, 4015 D St., Sacramento.
DWELLING, one-story 5-room and garage, $4000; No. 1625 39th St., Sacramento; owner, B. Clouser, 811 J St., Sacramento; contractor, C. Valine, Box 370, Sacramento.
DWELLING, one-story 5-room and garage, $4000; No. 862 42nd St., Sacramento; owner, E. D. Brier, 813 J St., Sacramento.
DWELLING, one-story 5-room and garage, $2500; No. 5032 11th St., Sacramento; owner, Lynn Riley, 1230 E St., Sacramento.
STORES AND HOSPITAL, two-story brick, $22,867; N 60 ft. Lot 101, N. O, 4th and 5th Sts., Sacramento; owner, Ideal Bros. Corp. 4th and N Sts., Sacramento; contractor, Barton & Kopp, 619 J St., Sacramento; recorded Jan. 26, 1923.
ADDITIONS to dwelling and garage, $6700; No. 1512 5th St., Sacramento owner, M. Nishimina, Premises; contractor, Siller Bros., 1614 13th St., Sacramento.
BUILDING, 1-story brick and concrete, $13,000; 1120 B St., Sacramento; owner, Mrs. E. E. Keating 1731 11th St., Sacramento; contractor, W. E. Keating, Capitol Natl. Bank Bldg., Sacramento.
GARAGE, 1-story brick, $9750; 1114 21st St., Sacramento; owner, Thos. McConnell, 817 4th St., Sacramento; contractor, W. C. Keating, Capitol Natl. Bank Bldg., Sacramento.
DWELLING, one-story 5-room and garage, $3600; No. 1517 V St., Sacramento; owner, A. J. Nevis, 2015 4th St., Sacramento.
DWELLING, two-story 9-room and garage; $8500; No. 1041 44th St., Sacramento; owner, H. E. Tweed, 1523 K St., Sacramtnto; owner, Earl A. Tweed, 1523 K St., Sacramento.
SHOPS, reinforced concrete and brick, $10,000; No. 1301 9th St., Sacramento; owner, Reeders Welding & Machine Shops, 1015 15th St., Sacramento; contractor, L. W. Latten, 4223 San Benito Ave., Sacramento.
DWELLING, one-story 6-room and garage, $5136; No. 1216 47th St., Sacramento; owner, M. A. Phillips and La Vada Phillips, 1514 F St., Sacramento; contractor, L. F. Gould, 600 Ventura Ave., Sacramento; recorded Jan. 27, 1923.
RAISE building and install new story, $3934; No. 1524 Fifth St., Sacramento; owner, Northern California Baptist Convention, N. Y.; contractor, Siller Bros., 614 13th St., Sacrameento; recorded, Jan. 29, 1923.
RAISE building, $6700; No. 1512 Fifth St., Sacramento; owner, M. Nishimura; contractor, Siller Bros., 614 13th St., Sacramento; recorded Jan. 27, 1923.

PIERCE-BOSQUIT
Abstract & Title Co.
Capital Stock $100,000
Sacramento, Placerville, Nevada City, Reno
SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

LIENS FILED

SACRAMENTO COUNTY.

Recorded Amount
Jan. 25, 1923—N ½ LOT 1, V. W. 17th and 18th Sts., Sacramento. Waxon Bros vs August Gomes and Manuel Raymundo $384.07
Jan. 26, 1923—LOTS 6, 7, 8, 9 and 10, Miel & Sowell High School Tract, Sacramento. Superior Lumber & Fuel Co vs W D McKoy.....$231.75
Jan. 26, 1923—LOT 156 and W 16 ft. Lot 157, West Curtis Oaks Addition, Sacramento. Property Owners Prot. Assn vs Kilborn & Eggs and Margaret and W J Gough (vire) $206.78
Jan. 27, 1923—LOT 1 BLK 21, N Sacramento Heights, Sacramento. L C George vs Mrs. Statenberg fmly Mrs. Leah Ann Fils.....$25.05

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

$2500 and Over Reported

ELECTRICAL WORK
W N-SUTTER bet. Main St. and Weber Ave., Stockton. All work for electrical wiring.
Owner—Mary Raggio, Stockton.
Architect—None.
Contractor—A. F. Flanagan Elec. Eng. & Supply Co., 17 N-Hunter St., Stockton.
Filed —, '23. Dated Jan. 18, '23.
TOTAL COST, $1485
Bond, none. Limit, 20 working days. Forfeit, plans and specifications, none.

RESIDENCE, $3600; No. 1034 W-Oak St., Stockton; owner, J. R. Williams, 720 W-Acacia St., Stockton.
RESIDENCE, $15,500; No. 344 W-Park St., Stockton; owner, T. F. McArdle 735 N-Pilgrim St., Stockton.
RESIDENCE, $5250; No. 701 N-Central St., Stockton; owner, Frank Guyon 1211 E-Main St., Stockton.

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded Accepted
Jan. 27, 1923—LOT 7 BLK 2, West Park, Stockton. A I Alviso to whom it may concern....Jan. 9, 1923

BUILDING CONTRACTS

SAN MATEO COUNTY

BUNGALOW and garage, $2000; Lot 18, Block 1, Burl. Grove, Mills Ave., Burlingame; owner, Martin & Jennie Hays, Burlingame.
BUNGALOW and garage, $4000; Lot 3, Block 7, Paloma Ave. Easton 1, Burlingame; owner, Mrs. A. J. Morrisery; contractor, Putman-Builder.
COTTAGE, 2-room, and garage, on rear of lot, $2000; Lot 19, Blk 1, Burl. Grove, Mills Ave.; owner, Fred W. Edie.
BUNGALOW and garage, $2000; Lot 4, Blk 12, Burl. Grove, San Mateo Dr., Burlingame; owner, W. H. Wells.
ADDITION to class S bldg., 1-story, to be used as store, $1500; Lot 22, Blk 1, Easton 1, Chula Vista Ave., Burlingame; owner, Sydney Brittain, 814 Grange St., Burlingame.
BUNGALOW and garage, $4000; Lot 4, Blk 4, Burl. Terrace, Palm Drive,

Burlingame, owner, Louis R. Boberton.
BUNGALOW and garage, $4500; Lot 21, Blk 20, Easton 2, Balboa Ave.; owner, W. A. Rutherdale.
DWELLING, frame, $9000; Sycamore Ave., San Mateo Park, San Mateo; owner, A. Dyer; contractor, Mr. Dusenberry.
DWELLING, frame, $5000; Laurel Ave., San Mateo; owner, A. A. Brown, Glazenwood, San Mateo.
CLUB HOUSE
TANFORAN RACE TRACT, San Bruno. All work for club house.
Owner—Pacific Coast Jockey Club.
Architect—G. A. Applegarth, Claus Spreckels Bldg., San Francisco.
Contractor—Grace & Bernieri, Claus Spreckels Bldg., San Francisco.
Filer Jan. 26, '23. Dated Jan. 15, '23.
Monthly payments of..... 75%
Usual 35 days..... 25%
TOTAL COST, $59,223
Bond, $29,611.50. Surety, Globe Indemnity Co. Limit, 110 working days. Forfeit, none. Plans and specifications filed.
DWELLING, frame, $4000; Lot 10 Blk "A" San Mateo Heights, San Mateo. owner, Robert Broderick.

COMPLETION NOTICES

SAN MATEO COUNTY.

Recorded Accepted
Jan 24, 1923—LOT 18 BLK 25, Easton No. 2, Burlingame. Frank B Carpenter to H J Hughes..Jan. 15, 1923
Jan 26, 1923—LOT 9 BLK 20 SAN Carlos, San Mateo. Mercantile Trust Co. vs. Ben. C. Zimmerman..... ..... Jan. 19, 1923
Jan. 27, 1923—LOT 33 BLK 48, Easton No. 4, Burlingome. William F Mullins by Gussie A Meyer, Agent to whom it may concern..... .....Jan. 26, 1923
Jan. 27, 1923—PTN LOTS 10 AND 11 Blk T, Mission Street Land Co. Homestead Realty Co to whom it may concern.....Jan. 25, 1923
Jan. 27, 1923—LOT "D" Selby Tract, Atherton. Charlie May Lowenstein to George Jacobson....Jan. 18, 1923
Jan. 29, 1923—SE ½ LOT 4 BLK "A" Pariso Park. Gertrude Carrall to whom it may concern..Jan. 6, 1923
Jan. 29, 1923—LOT 6 BLK 4, Easton Addition, Burlingame. Thos Foley to George M Bolst.....Jan. 24, 1923

LIENS FILED

SAN MATEO COUNTY

Recorded Amount
Newbery Elec Co vs Pacific City
Jan. 16, 1923—PACIFIC CITY. F E (a Corporation) $16,446.36
Jan. 20, 1923—LOT 7 BLK 37 LYON & Hoag Sub, Burlingame. San Mateo Planing Mill Co. vs. Wm. A. Sheehan & Chas. G. Adams....$215.96

BUILDING CONTRACTS

FRESNO COUNTY

$5,000 and Over Reported

DWELLING, $5500; No. 3325 Balch Ave., Fresno; owner, C. L. Saylor, Griffith-McKenzie Bldg., Fresno.
APARTMENT house, $10,000; No. 1424-30 Belmont Ave., Fresno; owner, E. W. Houghton.
APARTMENT building, $5000; No. 3201 Montecito St., Fresno; owner, Arabat Rustigian, 3702 Washington St., Fresno; contractor, H. B. Zeronian.
ALTER and repair store, $11,500; No. 932 J St., Fresno; owner, F. W. Woolworth, Premises.

COMPLETION NOTICES

FRESNO COUNTY

Recorded Accepted
Jan. 25, 1923—E 5 FT. LOT 3, all Lot 4, W 10 ft. Lot 5 Blk 35, Arlington Heights Tract, Fresno. O N Leathers to whom it may concern .....Jan. 23, 1923
Jan. 25, 1923—LOTS 9 AND 10 BLK 18, College Park, Fresno. L D Wallace to whom it may concern..... .....Jan. 23, 1923
Jan. 25, 1923—LOTS 31 AND 32 BLK 7, Sierra Vista Addition. Harry M Walker to whom it may concern.. .....Jan. 23, 1923
Jan. 26, 1923—LOTS 39, 40 BLK 25 Sierra Vista Add, Fresno. J. R. Proctor to whom it may concern.. .....Jan. 25, 1923
Jan. 26, 1923—N ½ OF W 115 FT OF Lot 12 Block 7, Wilson N F Tract, Fresno. R. C. Kennedy to whom it may concern .....Jan. 22, 1923
Jan. 26, 1923—E 10 FT. OF LOT 6 Lot 7 W 20 ft. of Lot 8 Blk 6 College Add., Fresno. Louis C. Levy to whom it may concern.Jan. 20, 1923
Jan. 27, 1923—W 60 FT. LOT A Blk 19, Alta Vista Tract, Fresno. T W Haymond to whom it may concern .....Jan. 25, 1923
Jan. 27, 1923—LOTS 21 AND 22 BLK 6, Roeding Addition, Fresno. T B Bettencourt to whom it may concern.....Jan. 26, 1923
Jan. 29, 1923—S 42 FT. OF E ½ Lot 7, Palmdale Acre, Fresno. Geo C Boles to who mit may concern... .....Jan. 29, 1923
Jan. 29, 1923—E ½ LOT 7 (except N 42 ft. and S 42 ft.), Palmdale Acre, Fresno. Geo C Boles to whom it may concern.....Jan. 29, 1923
Jan. 29, 1923—N 42 FT. OF E ½ LOT 7, Palmdale Acre, Fresno. Geo C Boles to whom it may concern.... .....Jan. 29, 1923
Jan. 30, 1923—LOTS 29 AND 30 BLK 2, Torrance Terrace, Fresno. C T Watkins and N E Deardof to whom it may concern.....Jan. 29, 1923
Jan. 30, 1923—S 40 FEET LOT 27, Berryhill Tract, Fresno. A E Gann to whom it may concern.Jan. 29, '23
Jan. 30, 1923—LOTS 10 AND 11 BLK 4, Dean Park, Fresno. Jos Guth to whom it may concern..Jan. 29, 1923
Jan. 30, 1923—LOT 4 BLK 13, Alta Vista Tract. Elmer Snyder to whom it may concern..Jan. 26, 1923
Jan. 31, 1923—LOTS 5 AND 6 BLK 9, College Park, Fresno. Miles Welliver vs J W Zander and Howard Foss $142
Jan. 31, 1923—LOTS 36, 37 AND 38 Blk 2, Avondale. S L Allen to whom it may concern...Jan. 30, 1923
Jan. 31, 1923—LOTS 43 AND 44 Madren Park, Fresno. H A Selby to whom it may concern...Jan. 30, 1923
Jan. 31, 1923—LOTS 35, 36, 39 AND 40, Pichard Place, Fresno. J C Prichard to whom it may concern .....Jan. 30, 1923
Feb. 1, 1923—LOT 8 BLK 2, Boulevard Gardens, Fresno. A F Wood to whom it may concern.Jan 29, 1923
Feb. 1, 1923—LOTS 51 AND 52 BLK 2, Allen & Binford Tract, Fresno. W H Richmond et ux to whom it may concern.....Jan. 24, 1923

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FRESNO COUNTY

Recorded Amount
Jan. 26, 1923—LOTS 23, 24 BLK 5 New High School Add. Fresno. Sunset Lumber Co. vs. Hugh Sparkman and L. E. Jordan.....$482
Jan. 26, 1923—LOT 16 BLK 24 Alta Vista Tract. Scott H. & L. A. Craig vs. Jacob Clark and Valley Constr. Co. $569
Jan. 26, 1923—LOT B BLK 20 ALTA Vista Tract. L. Haskell vs. W. G. McGuire & Valley Constr. Co....$65
Jan. 26, 1923—LOTS 41 & 32 BLK 12 College Park Add. Sunset Lumber Co. vs. Nellie W. & Geo. Barnes..$201
Jan. 27, 1923—LOT 12 W ½ Lot 11 Blk 17, Alta Vista Tract, Fresno. Fresno Bldg Supply Co ve Jennie W Watson and W F Bogart....$167
Jan. 27, 1923—LOT 16 BLK 24, Alta Vista Tract, Fresno. Johns-Manville Co vs Jacob Clark and Valley Constr Co.....$66
Jan. 30, 1923—LOT 6 Huntington Blvd Acres, Fresno. Fred O Roth vs O C Melton.....$342

Larsen Construction Reports
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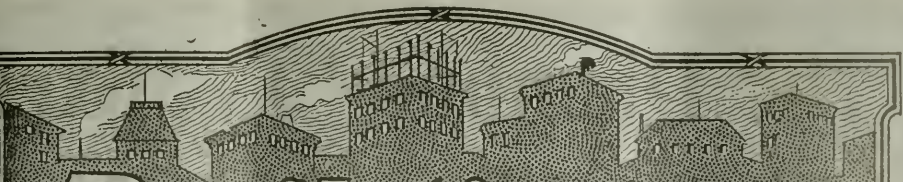

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Published Every Saturday
Twenty-third Year No. 6

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Which includes 1½ H. P. Cushman Gasoline Engine and Pneumatic or Solid Tires

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Barrel 33 Inches
From Ground
Easy to Feed

Rubber Tire Truck
Tracks With Auto
Quick to Move

Hook it right on behind your Auto

When a job is finished it is possible for one man to wheel it back of the auto and by the use of one bolt couple it ready for the road.

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Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

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STATE HIGHWAY COMMISSION ANNOUNCEMENT

The newly appointed State Highway Commission, following a tour of Northern California, announced its program for work in that section, to be taken up in the following order:

"1st—The grading and gravelling of the highway from Gazelle to Grenada, on which there are yet some rights of way to be obtained.

"2nd—Widening the grade from Hornbrook to the Oregon line to the standard 24 feet width.

"3rd—Straightening and widening the alignment from Redding to Dunsmuir.

"4th—The chief engineer shall make a personal inspection of the proposed route from Redding to Weaverville relative to the Bucks Grade, as compared with requests from residents of French Gulch for a re-routing.

"5th—An agreement to move the convict camp now on the Klamath river to a point on the coast route as soon as practicable.

"6th—To enter into agreement, if possible, with Tehama county relative to taking over certain bridges in that county contingent upon an agreement contributing to the cost of construction of the Cottonwood bridge. Negotiations will also be opened with the supervisors of Shasta county in connection with the same structure.

"7th—When possible, but probably in the future, to pave the ten miles from Redding to Bayola with concrete."

At the fifth annual convention of the Common Brick Manufacturers' Association, held in Cleveland, a plan was adopted whereby the association will launch a $600,000 national advertising and educational campaign to cover a period of three years.

KEEP BUILDING GOING—OR START EARLY

Times are always as good as we help to make them.

Good business suggests keeping busy. It's better to be working twelve months a year than six or seven.

That's particularly true in the building industry. Because lively times in the building industry mean steady movement of a lot of materials other than those usually recognized as the basic ones.

And the basic ones like cement, lumber, steel, sand, and gravel or stone are heavy and bulky. If everyone waits to fill his requirements for these materials until the railroads are choked with seasonal traffic, everyone will be wanting the same things at the same time and somebody will get left.

Don't add to the peak loads of the railroads by helping to make the peak higher. Whatever you are going to use in the building material line, buy and ship now while the railroads have some flexibility of facilities that will not be in evidence later.

America Plans Greatest Building Period

American building activity during 1923 will surpass all previous records with an estimated total expenditure of $5,000,000,000, according to reports from architects, contractors and manufacturers of building materials.

It means that the 1922 volume will be exceeded by more than one billion dollars.

Tables prepared by The Architectural Forum from compilation of replies from 1767 architects show that builders have carried their operations through the winter, maintaining an almost steady line from the heavy demand of the fall and winter months of 1922.

Dividing the total estimate in general groups it is seen that plans for schools, colleges and similar public structures lead the list with $870,034,000.

Apartments are next with $662,885,000, and industrial buildings are third with $548,037,000.

An interesting comparison is shown in the total for dwellings, which is $414,132,000, almost as great as the total for offices and also for hotels.

Similar activity of vast proportions is planned by railroads. Actual budget figures for 31 roads, controlling 40 per cent of all trackage in America call for the expenditure of $387,000,000. Estimates by the Railway Age place the total cost of all rail improvement and construction at approximately $900,000,000 during 1923.

Economic experts, studying the construction field, declare the basis for this unprecedented activity lies in the actual lengthening of the so-called "building season."

Building operations in 1922 reached unexpected heights during the summer and carried on through the fall and winter with little abatement. In many localities contractors completed work which in other years would have been carried over and, in midwinter, accepted new contracts for prompt delivery.

The result has been far heavier orders for steel, cement, trim and other building materials from the very start of the year 1923 than at any time in the history of the country.

Contractors, realizing the advantage of maintaining their forces of workmen intact from season to season, have carried work right along except in the extremely cold sections and have ordered additional material for immediate delivery which they will store until ready for use on new contracts.

The early peak load of demand on freight traffic is expected to feel relief from this steady movement and manufacturers also have been able to pass along the benefits of the longer season.

Many plants which in the past were forced to suspend operations in the winter because of over-loaded warehouses, have been able to run at fair rate and are shipping steadily.

Advertisements for contractors in current periodicals specify that contracts will be taken for 60 and 90 day delivery of homes, a hitherto unheard of thing thus early in the year. This means that materials and labor are promptly available and that wherever possible the work will be pushed to completion, forestalling the possibility of a builder being buried beneath a mass of unfilled contracts when the demands of the so-called building season are in full swing.

The greatest difficulty faced by the building industry in America has been the problem of the short season. Twelve months of proposed activity were forced into seven months or less.

Transportation became an acute problem affecting all basic industries. Building materials, coal, foodstuffs and other essentials were hopelessly tied up semi-annually.

The salvation rested in a spreading out of the traffic demands of the materials industry and lines affiliated with the construction field over a longer season.

During 1922 the first effective demonstration of these claims was given to the public and with a record start, 1923 is expected to clinch the argument.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

The industrial and home products bureau of the Sacramento Chamber of Commerce, at the request of its Board of Directors, will investigate building material costs in Sacramento to determine if Sacramento builders are being overcharged for material produced in that city. George Hudnutt, Sacramento contractor, reported that building materials produced in Sacramento were being sold for less in San Francisco than in the capitol city with the result that building operations were being hampered.

Claiming there is due them the sum of $379 on account of bridge material furnished E. H. Martin who had the contract last Summer on the Feather River bridge repairs, the Palm Iron and Bridge Works of Sacramento has named Martin, the auditors and treasurers of Yuba and Sutter Counties, and the Globe Indemnity Company as defendants in a suit to recover. The sum of $200 costs also is asked for. It is charged in the complaint that the counties are withholding monies due Martin to cover plaintiff's claim.

Portland Cement Assn. announces the opening of a new district office in the Hibernia Bank Bldg., New Orleans, in charge of John E. Tate, heretofore associated with the Atlanta office of the association, as field engineer in North Carolina. Prior to joining the staff of the Portland Cement Association, Tate was for two years resident engineer with the State Roads Commission of Maryland and for three years assistant engineer with the Delaware State Highway Department.

Practically all of the lumbermen of Modoc County, Calif., at a meeting in Alturas formed an organization to be known as the Modoc Lumbermen's Association whose purpose shall be to combine in the sale of lumber for trnsportation to outside points. Officers are: C. T. Watkins, president; S. T. Ballard, vice-president and C. N. Jackson, secretary-treasurer.

Following the recommendation of Governor Richardson in his budget message to the legislature that the Commission of Immigration and Housing be eliminated and the work done by this body turned over to other department, members of the commission will meet in the immediate future to consider what course of action, if any, will be taken by them.

The Antioch Electric Co. of Antioch has been dissolved and in future Sweeney Bros. will conduct separate businesses. Ed. Sweeney will handle electrical appliances and Chas. Sweeney Jr. will handle the installation and contract work. Offices, however, will be maintained as at present.

Benjamin F. Cresson Jr., New York engineer and well-known in San Francisco as the result of many investigations made of harbor conditions, died at his home in New York recently as the result of an operation for appendicitis. Cresson was chief engineer for the port of New York and was a noted harbor authority.

The Portland, Ore., offices of the Beaver Portland Cement Co. have been moved to 1110-11 Porter Bldg.

H. O. Geary, assistant statistician in the Department of Research and Information of the San Francisco Chamber of Commerce, has resigned to become manager of the California pine department for MacDonald & Harrington, wholesaler lumber and box shook operators. Geary will devote his attention to increasing Eastern business with a California product.

The Southern California Chamber of Commerce bodies and Supervisorial boards have appointed a committee to call upon the governor and ask that work be continued on the three transcontinental roads leading into Los Angeles. It will also be asked that the coast highway work be continued.

The Sacramento city commission proposes to finance the Silver Creek project, calling for the establishment of a hydro-electric plant to furnish electrical energy to the city, under the 1921 Act, which provides for the creation of a utility district. The plant will be located about sixty miles from Sacramento. Specifications for the project will be ready for approval in March.

Construction of a branch railroad from Lewis Junction on the Nevada Central, extending from Battle Mountain to Austin, a distance of nine miles, has been authorized by the stockholders of the Betty O'Neal Mines, operating at Battle Mountain, Nevada.

The Dodge Sales and Engineering Company, Mishawaka, Indiana, which has for the past eight years been operating as the selling subsidiary of the Dodge Manufacturing Company and Dodge Steel Pulley Corporation, has now been consolidated with the parent company, Dodge Manufacturing Corporation, which was organized and began business last July.

Sacramento plans a $2,000,000 bond issue to finance the construction of a subway, street improvements, extension of fire and police alarm systems, purchase of fire apparatus, reconstruction of water mains, erection of municipal auditorium and the construction of a garbage incinerator.

Pacific Gas & Electric Co., has purchased a thirty-acre site near Woodland and plans to erect a machine shop, garage, warehouse and other quarters for service repairs in that section. Tentative estimates place the cost of the work at $100,000.

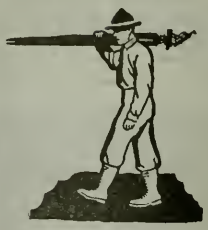
The Homestead Lumber Co., of Sacramento, has been incorporated. Company is capitalized at $50,000. Directors are: J. E. Morley, A. E. Nelson and Clifford A. Russell.

The Western Rock Products Co. of San Francisco has purchased a site at the foot of 85th Ave., Oakland, and will erect a plant for the manufacture of ingredients for paints.

Bids are being received by the Long View-Portland and Northern Railway Co., Kelso, Wash., for the construction of twenty-six miles of railroad running from the north Kelso city limits to the head of Arkansaw creek.

Sausalito, Calif., plans to pave princess street at a cost of $180,000. Plans for work have been ordered.

ALONG THE LINE



East Bay architects are displaying their work at an architectural fine arts exhibit in the Art Gallery of the Oakland Municipal Auditorium. The exhibit will remain open during the entire month of February between the hours of 1 and 5 p. m. and is one of the most interesting and instructive displays ever held in the West. The exhibit is conducted according to the principles of the American Institute of Architects. W. R. Yelland and Chester Miller, Oakland architects, are prime movers in the exhibit.

J. L. Stannard, San Francisco engineer, has been retained by the city of Tacoma, Wash., as engineer in chief for the construction of the Lake Cushman power project, estimated to cost $6,000,000. It is intended to add about 90,000 horsepower to the present facilities of the municipal light and power department.

The city of Healdsburg, Sonoma County, is under a temporary restraining order to prevent the sale or issuance of bonds to pay for street work. Dissatisfied persons in the recent agitation over street assessments have placed the case in the hands of attorneys, resulting in an injunction suit being filed in the superior court.

An organization known as "The County Advisory Board of Highways for San Joaquin County" was perfected at a recent meeting in the rooms of the Chamber of Commerce at Stockton. Geo. W. Ashley, of Lodi, is chairman of the board.

Builders' Association of Palo Alto has elected the following officers: President, George G. Bertsche; vice-president, Charles Baker; treasurer, H. P. Hansen. The association has established its office in room 220, University Realty Bldg., Palo Alto.

Eric L. Cope, San Francisco engineer, in a report to the Sutter County Supervisors, estimates the cost of the proposed causeway to connect the new Feather river bridge with the levee at $188,000. Structure will be 2201 feet long and will rest on concrete piles.

Appointment of I. L. Borden of San Francisco, A. T. Spencer of Cranmore and Peter R. Gadd of Sacramento as members of the State Reclamation Board is announced by Governor Richardson.

The County of San Diego at a recent election voted bonds of $600,000 to finance construction of fifty-seven miles of highways.

W. E. McIntyre, City Engineer of Colusa has resigned. City Trustees at March meeting will select engineer to fill vacancy.

Geo. C. Pardee, former Governor of California, has tendered his resignation to Governor Richardson, as chairman of the State Board of Forestry.

Committee On Labor Of Associated General Contractors Submit Report At L. A. Convention

In addition to the usual problems attending the labor question, during the past year, industry, and more especially construction industry, has been hampered by a most acute shortage in both skilled and common labor. This shortage was not peculiar to any particular section of the country, but was nation wide. In some sections the shortage was so acute that large projects were abandoned on account of it. Your committee in attempting to ascertain whether there was a real shortage or whether the abnormal demand for labor caused by the great building program was responsible, and if there was a real shortage what the prime causes were, undertook an investigation of the subject, which revealed some very interesting and startling facts.

For instance, in the ten following building trades, structural iron workers, plumbers, carpenters, painters, brick masons, roofers, plasterers, paper hangers, building laborers, and stone cutters, we found that with the exception of the first three named, there were actually less mechanics in 1920 than there were in 1910, and that only the structural iron workers and plumbers had kept up their ratio with the increased population of the country. In 1910 there were 161,781 bricklayers, and in 1920 their number had shrunk to 131,264; while the plasterers showed a total of 47,682 in 1910 and only 38,255 in 1920, and in order to bring these two trades up to the same ratio which they bore to the population in 1910 an increase of 36 per cent in their numbers would be necessary.

General and building laborers made even a worse showing. In 1910 there were 869,478 thus engaged, while in 1920 there were only 623,203 or 72 per cent of the number in 1910. A mass of statistics and data gathered on the subject proves conclusively that there was a real and actual shortage in both skilled and unskilled labor.

Causes of Labor Shortage

Two major causes appear as mainly responsible for this condition:

(a) The main factor for the great decrease in these occupations is undoubtedly the cutting off of immigration first by the war, and since by the restrictive legislation, as it has been a recognized fact that a very considerable proportion of the recruits to the trades has, in the past, been supplied by the incoming foreigners.

(b) Another and even more serious isiation, as it has been a recognized fact our young men are not learning these trades. Our investigations of the apprenticeship question revealed the fact that in every trade the number of apprentices was less in 1920 than in 1910, without any allowance for the increased number necessary to keep the ratio even with the increased population of the country. In the case of the bricklayers, plasterers and carpenters the number of apprentices was less than 50 per cent of the number of mechanics dying or retiring on account of old age.

Your committee while not contending that immigration and the insufficient number of apprentices is wholly responsible for the inadequate supply of mechanics does believe that they are prime factors and that their proper regulation and development would in great measure correct the situation.

Immigration Law Compiled

We do not believe that this country ever should, or will, return to the old policy of unlimited or unrestricted immigration existing before the war, but practically all those who have given the subject unbiased and unprejudiced thought believe that the present restrictive law is unsatisfactory and does not serve the best interests of industry of the country, and that a selective policy should be adopted in the place of the present so-called 3 per cent law.

Our Committee on Legislation has compiled an immigration law that provides for scientific selection at the point of embarkation and for strict enforcement of regulations at home, and one that fully protects our free American labor and at the same time provides for the needs of industry, and your committee heartily recommends it for adoption.

Apprenticeship and Trade Training

The committee has given considerable study to the apprenticeship question and in the light of information gathered concluded that the old system of apprenticing young men was no longer practical as a means of training a sufficient number to replenish our supply of mechanics. The situation resolves itself into two problems, the first to provide, as quickly as possible, mechanics to supply the present shortage. The second to provide means for the education of mechanics in lieu of the present apprenticeship system.

To assist in solving the first problem we recommend:

(a) That men now engaged on construction work as building laborers and otherwise, who show an aptitude, be employed as helpers to the skilled mechanics, being permitted to do any work their experience warrants. In a short time they could execute much of the plain work, releasing the older and more skillful mechanics for the most intricate work.

(b) That there be established by employers, under their control, special trade schools where the age limit and scholastic requirements be waived, and the only conditions for entrance be an aptitude for and a willingness to learn a given trade. These schools should teach merely the handling of tools and the rudiments of the trade, leaving skill and efficiency to be acquired on the job, where experience has shown it is most successfully acquired.

Keeping Pace With Nation's Growth

The second problem is to provide means to insure a supply of mechanics to care for the normal growth of the Nation. To do this all building trade organizations and persons interested in the construction business, should inaugurate a campaign to attract young men to the trade; showing how interesting, profitable and honorable mechanical vocations are. Educational officers, both State and municipal, should be urged to establish courses to teach the building trades, having in charge men who have had actual experience at the trade in addition to theoretical knowledge.

Trade unions should be induced to revise their rules regulating apprentices. Under the present rules it is impossible to interest either the American youth or the employer. Under these rules, apprentices are limited to boys between the ages of 16 and 20 years. It is well known that few American boys have any serious intention to learn a trade. Only after they have reached their majority do they look on life seriously and realize the necessity of having some trade.

The length of time required for apprentices is from two to four years. This is too long to teach the rudiments of a trade and is longer than a young man is willing to work for the wages an employer can afford to pay for the kind of work apprentices are permitted to do. Because of this limitation on the scope of employment, the boy's wages are small. His whole outlook is limited —quite naturally, he is discouraged— and he quits the job. General utility work would expand his knowledge and experience, make his a more all-around useful mechanic to both the employer and himself.

Many schools for the practical teaching of mechanical trades have been started by employers in different parts of the country. Reports from the cities state that the schools are popular and that they are expecting no difficulty in securing all the students their facilities will accommodate.

IMPROVED ASPHALT PAVING PLANT

The Austin Machinery Corporation has produced a new asphalt plant, following a year of experiment, test and modification with a plant at Topeka, Kansas. The result is a portable unit consisting of three pieces, namely, the dryer and power plant, and two asphalt kettles. It has a capacity of from 1000 to 1400 square yards of 2-in. asphalt top per 8-hour day.

The sand dryer will handle 120 tons of sand at 350 degrees Fahrenheit, not to contain more than two per cent moisture. It is composed of three drums, built into a unit, equal to a single continuous drum 4 ft. 3 in. in diameter by 40 ft. 8 in. long, giving the material an area of 438 square feet of heating surface. This amount multiplied by 8 r.p.m. and the total by 4 minutes, the time required for the material to travel through the drums, gives an area of 12,912 square feet with which it must come in contact. Thus, the highest temperature required is secured at a very low fuel cost.

The kettles have a total capacity of 2500 gallons. These are heated by steam through jointless coils, which construction prevents any possibility of damage to the asphalt. The pug mill of 1000 pound capacity is chain driven and discharges through a sliding gate in the bottom. Extra, large steam jacketed steam piping is used throughout. Air is used to agitate the asphalt. The hot sand bin is of three compartments with a capacity of 10 tons.

MEXICAN LUMBER MARKET

Importation of lumber into Mexico for the fiscal year ending June 30, 1922 equalled only 60 per cent of the quantity imported during the preceding year. The American lumber used consisted mainly of floor and ceiling beams measuring 3 inches by from 10 to 12 inches, sash and door frames and flooring. The use of floor is limited also, as tile and cement are highly favored for this purpose. Few shingles are used. With the exception of sawed beams, all of these products bear a high duty, and for this reason the domestic manufacturer supplies most of the demand.

1920 LUMBER SHIPMENT

The nation's lumber shipment in 1920, a recent Forest Service study shows, was no less than 2,070,000 carloads, and the average haul for each carload was 485 miles. According to the best estimate the Forest Service is able to make, the freight bill on lumber for that year was $275,000,000.

The Ladd Estate Company has disposed of its timber holdings at Carlton, Ore., to the Flora Logging Company of Portland, which company plans the booming of logs at Oswego. The deal also includes approximately twelve miles of logging railroad. The consideration was $1,000,000.

ORGANIZATION NEWS

RICHMOND BUILDERS CONTRACT FOR NEW HOME AND ADOPT S. F. WAGE SCALE

Awarding contracts for its new home and the adoption of the San Francisco wage scale, were the principal features of the last meeting of the Builders' Exchange of Contra Costa County.

From plans prepared by Architects Narbett & O'Brien, members of the exchange, contracts totaling in excess of $15,000 were awarded for the construction of the new exchange building. The structure will be erected on the site recently purchased by the exchange in the east side of Fourteenth street between Macdonald and Bissell avenues. It will be one-story in height of brick and tile construction, covering an area of 42 by 89 feet. Provision has been made in the plans to allow for the construction of additional stories when finances are available. The structure will contain an auditorium, 40 by 42 feet, in which will be featured a massive fireplace, the brick for which will be donated by the Richmond Pressed Brick Company and the erection by Jas. Walker, both of whom are members of the exchange. In addition to this provision has been made in the plans for estimating rooms, consultation rooms, private and public telephone booths, a spacious lobby and a banquet hall with a 9 by 12 kitchen, fully equipped.

Segregated bids to erect the structure were taken from the members with the result that the following awards were made: P. M. Sanford, carpenter and general contract work; Frank Ausez, concrete and cement work; J. I. Collins, plumbing; Spiersch Bros., sheet metal work; R. D. Nobble, electrical work; Richmond Roofing Co. roofing, Charles H. Brown, plastering; E. A. Marshall & Son, painting; Jas. Walker, brick and steel work. The contract for heating will be awarded at a later date.

"Every possible convenience will be incorporated in our new quarters," says L. C. Dexter, secretary of the exchange. "Our membership is growing, as is our city. In our new building provision is made for increased membership. Big things are looming for Richmond and we must be prepared to meet them. Construction activities in Contra Costa County during the past year were active and our members kept busy but we look for a greater year and we feel that it will be 1923, hence, the authorization to proceed with construction of our new quarters is the first step to meet increased business."

Officers of the Contra Costa County Builders' Exchange are: P. M. Sanford, president; F. A. Mero, 1st vice-president; J. I. Collins, 2nd vice-president; E. H. Higgins, treasurer; L. C. Dexter, secretary. Directors are: E. M. Tilden, E. H. Higgins, F. A. Mero, P. M. Sanford, B. J. Ballantyne, E. A. Marshall and J. I. Collins.

SAN JOSE CONTRACTORS SEEK IMPROVED CONDITIONS

Following a dinner at the Commercial Club, February 1, the Union Contractors Association of San Jose, met to consider ways of improving the condition of contractors engaged in the building business and to strengthen their organization.

Herbert C. Jorgensen, president of the association, said it was the concensus of opinion among the members that building costs were due to rise, but that this was caused by the rising costs of building material and not by higher wages.

There was a discussion regarding the attitude of building material men who were said to be withholding materials from union contractors. It was decided to take steps to lay the matter before the attorney general.

The association, which embraces contractors engaged in all lines of building construction and equipment, including bricklayers, plumbers, etc. agreed that the outlook for a prosperous year is very bright.

WATCH OAKLAND GROW

E. W. Shaw ,who succeeds Wm. E. Hague as secretary of the Alameda County Builders' Exchange, has started work in earnest and to keep the East Bay building faternity fully informed as to what is going on in the construction line, he sums up the Alameda county building activities as follows:

"1923 opens with a bang! We are now off for what all indications point to as likely to be the largest building year Alameda County has ever known, and the record of 1922 is startling when its results are analyzed.

"The total of building permits issued in Oakland for new construction during 1922 was 58% greater than for the previous year and was 148% greater than 1920. Of a total of 9129 permits issued, 7642 were for new construction. Dividing by 52 weeks makes 147 per week or 27 permits per day or 3.375 per hour counting a working day of 8 hours. This gives us the remarkable result that in the City of Oakland a building is being completed every 17 minutes and 48 seconds—Some Record."

SAFETY ENGINEERS CONVENE

The first annual convention of the safety engineers and safety inspectors in the logging and sawmill industries closed their two-day session in San Francisco, February 6, in the offices of the California Industrial Commission.

At the opening session Will J. French chairman of the accident board, greeted the delegates on behalf of the board. He sounded the keynote of the need for safety in the logging and lumber industries, stating that $1,106,025 has been paid out in compensation in California during the past four years due to accidents in this line of employment. This sum of money covered 149 fatal, 383 permanent and 9416 temporary injuries sustained by workers in these industries in the four year period.

Edward A. Brown, director of camp sanitation for the State Commissioner of Immigration and Housing, spoke on sanitary labor camps. Other speakers were Paul Splaine, of the Hammond Lumber Company; H. W. Gray, of the Union Lumber Company; G. P. Clark, of Hobart Mills; and Dr. Morton R. Gibbons, physician for the accident commission.

The convention closed following addresses of Dana C. Smith, of the Red River Lumber Company and an informal discussion of safety measures. D. A. Bendorf presided.

PORTLAND BUILDERS ELECT

At the organization meeting of the newly elected directors of the Association of Building and Construction of Oregon, at Portland, the following officers were elected for the ensuing year: President, Ellis F. Lawrence; vice president, Fred C. Cook; secretary, Guy Moore; treasurer, J. S. .Seed.

The president appointed the following committees:

The apprenticeship section—Charles D. James and Joseph Jacobberger, representing the architects; D. L. Hoggan and J. S. Seed, subcontractors; Messrs. Lorenz and Thos. Muir, the contractors, and B. D. Sleeman and Albert Willotson the mechanics.

The executive committee will consist of D. L. Hoggan, Chas. D. James, E. D. Timms and J. J. Sayre.

RETAIL LUMBERMEN TO CONVENE IN SPOKANE

Lumbermen from all sections of the West will be in Spokane, Wash. to attend the twentieth annual convention of the Western Retail Lumbermen's Association, February 13 to 16, inclusive, according to A. L. Porter, secretary of the association.

Peter B. Kyne, author and one-time Oregon lumberman, will be one of the speakers at the convention. Others speakers will include A. J. Russell, of San Francisco; James A. Logsdon, of Kana, Idaho; George C. Power, of Nampa, Idaho; W. C. Miller, of Seattle; J. S. Williams of Vancouver; Frank Kendall, of Spokane; Alberta Ruth Brey, of Porterville, Cal.; O. A. Spear, of Provo, Utah; H. A. Templeton, of Great Falls, Mont.; and David Woodhead, of Los Angeles.

FRESNO TO OPEN BRICKLAYERS SCHOOL

A school for the training of bricklayers, the third of its kind to be put in operation, was opened in Fresno February 5, under the management of the Valley Industrial Association of which J. W. Hunt is manager.

J. W. Overman of Fresno is instructor and has started with a class of twenty-five students. This is the third school in Fresno, others being plumbing and plastering classes. To date, forty students are enrolled in the three schools from which have graduated thirteen as plumber apprentices and sixteen as plastering apprentices.

SEATTLE ENGINEERS ELECT

Professor W. F. Allison, head of the civil engineering department, University of Washington, has been named president of the Seattle section, American Society of Civil Engineers.

Other officers elected were: Vice-president, R. J. Middleton, chief engineer, western branch, C. M. & St. P. Ry.; secretary-treasurer, Frank H. Fowler, architect and engineer, L. C. Smith Bldg. Mr. Fowler was re-elected.

The recently issued recommended minimum requirements for small dwelling construction of the Building Code Committee of the Department of Commerce, recognizes expanded metal lath and plaster on wood joists and studs as a satisfactory interior for attached or built-in garages and also for party or division walls between dwellings.

Highways---Their Use and Abuse

Paper read before the Thirteenth American Good Roads Congress held in Chicago, January 15-19, 1923. Mr. Wasser is State Highway Engineer of New Jersey and is President of the American Road Builders Association and Thirteenth American Good Roads Congress.

In selecting the subject for this paper, I wished to present to you what I have observed, investigated and studied for the past eight years, relative to the use and abuse of our highways.

It was in 1915, while I was county engineer of Hudson county, New Jersey, that I first took up the subject with Honorable William L. Dill, Commissioner of Motor Vehicles of New Jersey, and stated that it was necessary to have additional legislation to protect the highways from the abuse brought upon them by commercial motor vehicles as they were being operated at that time.

The Commissioner immediately appointed a committee, of which the writer was made chairman, to investigate and report on the matter. This committee, after a year's work, submitted a report which was immediately incorporated into a legislative bill, introduced, passed, and is at present a part of the New Jersey statutes.

My investigation and studies since that time, and more particularly during the year 1920 when I served as a member of the Motor Traffic Commission appointed by the Hon. Edward I. Edwards, Governor of New Jersey, have convinced me that, due to the growth and development of the motor industry, the fundamental principles involved in the financing, design, construction, maintenance and use of the highways no longer constitute a State proposition, but that it has become a National matter.

Much good work has been done by various individuals and organizations throughout the country looking toward this end. Literature has been published and many articles written, but in nearly every case the author has presented the matter from his viewpoint alone, without giving consideration to the needs of others, and no concerted effort has been made, on broad lines, to bring the several interested parties together. The National Highway Traffic Association did attempt this; in fact, it held a meeting in New York City, which I attended, and at which the several interests were represented. However, at the end of this meeting, the views expressed were just as far apart as they were before, and they are just as far apart today.

My experience in public life leads me to make the following statement: "There is a solution for every public problem if we eliminate the selfish interests involved," and I make that statement as applying to this problem.

Other attempts have been made to reach a satisfactory conclusion by conference, but without success, either in whole or in part. The pamphlet entitled "State Regulation of Motor Vehicle Common Carriers" issued in 1922 by the Motor Vehicle Conference Committee, affiliated with the National Automobile Chamber of Commerce of New York, cites the arguments presented for and against State control of common carriers. That is only one phase of the subject, and a final solution of it was not found by that committee, although state regulation of the automobile carrier is already well established in many jurisdictions.

President Harding's address to Congress under date of December 8, 1922, treated this phase of the subject as follows:

Problem of Transportation

"Manifestly, we have need to begin on plans to co-ordinate all transportation facilities. We should more effectively connect up our rail lines with our carriers by sea. We ought to reap some benefit from the hundreds of millions expended on inland waterways, proving our capacity to utilize as well as expend. We ought to turn the motor truck into a railway feeder and distributor instead of a destroying competitor.

"It would be folly to ignore that we live in a motor age. The motor car reflects our standard of living and gauges the speed of our present day life. It long ago ran down simple living, and never halted to inquire about the prostrate figure which fell as its victim. With full recognition of motor-car transportation we must turn it to the most practical use. It cannot supersede the railway lines, no matter how generously we afford it highways out of the public treasury. If freight traffic by motor car were charged with its proper and proportionate share of highway construction, we should find much of it wasteful and more costly than like service by rail. Yet we have paralleled the railways, a most natural line of construction, and thereby taken away from the agency of expected service much of its profitable traffic, which the taxpayers have been providing the highways, whose cost of maintenance is not yet realized.

"The Federal government has a right to inquire into the wisdom of this policy, because the national treasury is contributing largely to this highway construction. Costly highways ought to be made to serve as feeders rather than competitors of the railroads, and the motor truck should become a co-ordinate factor in our great distributing system."

The writer feels that the right to regulate against abuse of the highways, based on fundamental principles, should also be taken into consideration in connection with the solution of the "Problem of Transportation." If this is a matter for Congress to decide let us present the facts at once.

The writer has been using the term "Highway," and before making specific statements regarding the use and abuse of the highways, he desires to differentiate between the dictionary definition of the word "Highway" and the meaning of the word in this paper.

Funk and Wagnall's New Standard Dictionary of the English Language gives as the definition of "Highway":

No. 1. A specified line of travel, by land or by water over which a right or easement is enjoyed by the public of freely passing; a public thoroughfare, as distinguished from a private way.

No. 2. In law, a generic name for all public ways, whether by legislation, dedication, or necessity.

No. 3. A main road as distinguished from branches and byways of minor usefulness.

No. 4. A common or open way or course.

In this paper, however, the term "Highway" will always refer to a graded roadway of a main public thoroughfare upon which is constructed a durable pavement of sufficient width and thickness to permit of two vehicles of the maximum size carrying the maximum loads permitted by law to pass each other safely and with sufficient clearance at the maximum legal speed.

Use of the Highways Prior to Completion

The highway during its period of construction is the greatest medium through which desirability of equipment, materials, products, and methods that enter into its construction are determined, and records properly and accurately kept during this period are of inestimable value for future consideration.

Experimental road work carried on by a state should be done in conjunction with the Federal Bureau of Public Roads, even though the work is financed wholly by the state. Such a procedure would eliminate much duplication of effort, would lead to the establishment of a uniform system of securing and recording information, and would provide for the dissemination of such data among the other states. It is especially desirable in the case of materials, methods and appliances controlled by their producers that conclusions, based on actual use on experimental sections, be digested and transmitted by the bureau rather than by the agency having a commercial interest in the article.

Abuse of the Highways Prior to Completion

While highway construction is rated as the fifth industry of the United States, there is a lack of co-operation among the several interests involved, with a resulting unnecessary added expense. This can best be corrected by recognizing the several component parts of the industry, and by standardizing as nearly as possible the products used and methods employed.

There should also be full recognition of the importance of the highway industry by the Interstate Commerce Commission and State Public Utility Commissions in the fixing of equitable freight rates on materials used in highway construction. Reasonable open top car service also should be provided at times when preference is given to carrying coal. The latter requires intelligent regulation in place of the drastic action that has been experienced in the past few years.

The greatest abuse often comes to a highway before it is built, namely, failure to provide adequate drainage, faulty judgment as to type and width of pavement, and choice of location to suit certain interests.

There are frequently abuses in connection with financing, design and construction of our highways, some of the more evident of these abuses are:

Making the term of bonds longer than the life of a pavement.

Failure on the part of the engineer to provide a design and type of construction to meet the requirements of modern traffic.

Faulty construction on the part of the contractor for personal profit.

Inefficient inspection due to lack of knowledge, and to insufficient salary being paid to attract capable men.

Acceptance of inferior work.

Permitting inferior material to be substituted for that specified when de-

lays are brought about by conditions beyond the control of the contractor.

Sacrificing quality for speed.

Failure to provide for a satisfactory well marked and maintained detour during the period the highway is under construction.

Designing and building bridges for a live load less than that for which motor vehicles are licensed and narrower than the graded width of the highway.

Failure to provide for the elimination of railroad grade crossings.

Designing underpasses with a head room less than fourteen feet in the clear.

Lack of cooperation on the part of public utility companies and municipalities. The highway departments should advise all interested utility companies and municipalities as soon as a highway project is decided upon, and these interested parties should immediately proceed to perform all necessary subsurface work thereby eliminating delay in the progress of construction and the necessity for opening the pavement in the near future.

Absence of caution on the part of bonding companies. Bonding companies becoming surety for inexperienced persons who are operating under the guise of contractors or construction companies jeopardize the interest of the State engaged in highway construction. They should limit the surety to a fixed amount for the first contract, increasing the surety on the second contract, and so on until the applicant establishes his responsibility for carrying out contracts of magnitude.

The tendency of contractors to bid too low. This fault has had more to do with the performance of inferior work than any other cause, and inexperienced contractors just entering highway construction are chiefly responsible yet the bonding companies will go on their surety just the same as they will for experienced contractors.

Use of inferior material. Competition in manufacturing or producing material used in construction is such that inferior material is frequently put in competition with satisfactory material, and by underselling is used in the work. In many cases where inferior material has been rejected by engineers and officials they have been charged with favoring some particular material or product for reasons other than its merits.

It has been definitely determined that excessive use of water in mixing injures the quality of concrete, yet in many cases engineers, contractors and inspectors still permit the use of excess water. The contracter permits it because his force can turn out more work, and he claims it just as good. The inspector tries to remedy matters, but is unsuccessful. The Chief Engineer can not see all the work, and a subordinate in carrying out his Chief's desires is accused of retarding the progress of the work. However, anything that tends to add unnecessary cost to the construction and maintenance of the highway should be considered an abuse just as much as should a violation of the provisions set down to protect it.

All of these abuses should be corrected at once, and the industry protected by the soundest kind of financing, engineering design, faithful construction and efficient inspection.

The Use of the Highway After Completion

The use of the highway is very ably defined by quoting from the report of the War Department Claim Board in their reply to the State of New Jersey's claim on behalf of several of its counties, whose roads failed under the conditions created by the use of them by army transports during the war period, which reads as follows:

"With reference to your claim, and that of several counties in the State of New Jersey, for compensation covering repairs to roads which were used by government trucks traveling between the different munition plants and camps in said State, you are advised that this Board, after carefully reviewing all the evidence and circumstances in connection therewith, has denied the claim."

The following is taken from report of the Board:

"The roads, even though they were owned and maintained by the counties, were public roads and were open to lawful use by any individual or organization which desired to use them.

"If the power of a state to control its highways has not been delegated and the state has prescribed no conditions limiting or regulating the use of the highway, the people are at liberty to use it for travel, transportation, and communication subject to the condition that such right neither interferes with the lawful uses of the street nor invades the rights of the owners of abutting lands."

The Assistant Secretary of War has approved the findings and recommendations of this Board.

From the foregoing statement it is quite clear what is considered the use of highways. That the roads in question failed under army transport traffic is evidence that they were not designed nor constructed to withstand modern traffic. Their failure should not be charged to abuse due to traffic, but should be charged to abuse by the governing body financing, designing, and constructing such roads.

At the present writing I am safe in saying that every state has many miles of such inadequately built roads, the upkeep and maintenance of which is out of all proportion to the service which they render. It is, therefore, necessary that only such highways as are efficiently financed, designed, constructed and maintained be offered to the public for use, in order that fundamental principles may be laid down that will make possible the establishment of regulations for the use of the highways.

Abuse of the Highways After Completion

Abuse of the highways is generally caused by a small percentage of users. Such abuse frequently results in accidents, causing injury and loss of life and destruction of property.

Law enforcement alone will not overcome these conditions or decrease the number of traffic accidents. The problem requires: first, adequate traffic planning, and second, proper enforcement of regulation according to the plan.

My deductions have been derived largely from observations of conditions in the more thickly congested sections of the country, and it is quite possible that some modification of my suggestions would be necessary to make them applicable to more sparsely settled communities. However, the fact must not be lost sight of that density of traffic increases rapidly with road improvement, and that provisions must be made for an unanticipated increase. furthermore, right of way, grading, and major drainage improvements are practically permanent, and should be taken care or, once for all, in the original construction.

It is only necessary to observe the traffic conditions in any of our cities or upon our highways to appreciate the necessity of a wise and equitable policy of supervision. Such a policy must be drawn so as to prevent destruction of life and property.

In order to enable those whose duty it may become to work out an equitable and uniform plan to prevent the abuse of the highways, the writer recommends:

That the minimum graded width of all main highways be not less than thirty feet.

That this graded width be kept clear of all encroachments.

That all traffic rules be made uniform.

That a system of marking one-way streets be adopted, which will be uniform as to type and location of the markers.

That it is desirable to standardize all directionary and cautionary signs as to color and marking, and that posting signs other than directionary and cautionary on the right of way be made unlawful, and subject to a fine for each offense.

That the erection of signs on property abutting on the highway at curves, railroad crossings and intersections be discontinued, where such signs would obstruct the view of those using the highway.

That it is desirable to standardize colors to be used for degree of danger where illuminated signs are used, for instance, red at a railroad crossing or dead ends of highways, green for highway intersections, and amber for grades and curves.

That a uniform traffic regulation be adopted for intersecting highways to be in effect in the absence of traffic officers.

That a uniform maximum height, width, and length of vehicle be adopted.

That a uniform gross weight of vehicle and load for each class of commercial motor vehicle be established.

That all gas filling stations be located on property abutting on the highways, and not on the right of way; and that all gas filling stations shall display a visible tag on each pump, which shall be placed there by the State Department of Weights and Measures certifying as to the accuracy of said measuring device.

That parking of vehicles on both sides of a highway opposite each other, where a minimum distance of twenty feet between the vehicles is not provided, be considered a nuisance and be made punishable by a fine.

That the erection of all booths and stands for the sale of goods within the right of way, and displaying farm produce in containers within the right of way be prohibited, and that the use of vehicles for retailing wares along the highway where such practice would cause persons to congregate on the paved portion be also prohibited.

That a uniform penalty for operating a defective motor vehicle on the highway should be provided. It is not the purpose of this paper, nor is the writer qualified to discuss automobile design; however, there is a common defect particularly in trucks, the correction of which would eliminate one source of danger. Tail lamps frequently fail to function due to the wires having been damaged by abrasion or exposure to splashing water. It would seem to be an easy matter for the designer to provide protection for these wires. Other defects that the writer has in mind are broken or improperly adjusted brakes and badly worn tires.

That legislation be enacted to provide against motorists running past barricades on roads under construction, and destroying unfinished work.

That sidewalks be provided for the use of pedestrains along the highway adjacent to built up communities.

That pedestrians using the highways in the open country shall walk to the left, and that operators of all vehicles drive to the right.

That when one piece shipments that exceed the maximum weight allowed by law are made, they shall be

shipped on specially built vehicles so designed as to distribute the load in a manner consistent with legal requirements, and only after obtaining permission from an authorized source.

That a uniform distinction be made between maintenance, betterment and reconstruction in order that comparisons may be made.

That motor vehicle taxation or license fees should not be any greater than that required to provide the sum necessary for maintenance of the highways.

That overloaded trucks being operated on the highways, when apprehended, be seized and held for a period of not less than five days, stored at the owner's risk and expense, and in addition the owner fined, in accordance with a penalty fixed for that offense.

That hauling companies, who contract for shipments by the ton, when caught overloading their vehicles, should have their license revoked, in addition to any other penalty.

That all operators of motor vehicles should be licensed, and that they be prohibited from operating a vehicle for more than twelve consecutive hours followed by eight hours rest.

That, in addition to any uniform motor vehicle law previously recommended, all applicants for drivers license or renewal of same be required to submit a physicians certificate bearing date not more than one month back of the date of application. Certificate should be accepted only from designated physicians, and should certify that the applicant is in fit mental and physical condition to operate a motor vehicle.

That the examination for drivers license require the applicant to be able to read and write English, and that license be granted only to citizens of the United States with provisions for tourists from other countries.

That the owners of all motor vehicles must carry liability insurance for each vehicle operated.

That all vehicles both motor and horse drawn be equipped with a clearance light visible from front and rear. This light should be of a shape other than round located on the extreme left side of the vehicle or load if over width, and showing green in front and red in rear.

Fundamental Principles

Fundamental principles are those which can be applied to the financing, design, construction, maintenance and use of the highways similarly in each and every state in the Union.

Financing Highways

It is the duty of the Governing Body charged with the financing of highways to provide funds for construction either by bond issue or direct tax, using funds derived from the licensing of vehicles and drivers for maintenance only.

Design and Construction of Highways

The design and construction of the highway must first provide for a graded roadway properly and sufficiently drained and of a minimum width of thirty feet. Such a roadway should be free from sharp curves, steep grades, and all obstructions, including ditches, rocks, poles, fences, signs, drainage head walls, narrow bridges, trees, shrubbery, gas filling stations, etc.

The design and construction of the paved surface must be such as to meet the demand of regulated modern traffic. It must be of sufficient width to permit two vehicles of a size within the legal limits to pass each other at the legal rate of speed with safe clearance, and without danger of collision. In cases where such a width is not justified, it is recommended that half width pavement be constructed with one edge on the ultimate center line rather than centering a narrow pavement on the graded way. Such an arrangement will best adapt itself to future widening, and in the meantime permits of the maintenance of an adjacent earth road. Local conditions will govern in the selection of the side to be paved, but as a rule it should be on the right hand side going toward market.

It must be of a type of construction to permit carrying vehicles loaded within the specified legal limit, without injury to the pavement.

The construction of the highway depends upon the faithful performance, trained knowledge and ability of those engaged to carry out the provisions of the design.

Maintenance

The maintenance, in addition to upkeep, should provide for keeping the highway open for traffic, free and clear of all obstructions at all seasons of the year. Particular reference is made here to the care that is necessary to keep the shoulders adjoining the paved surface from being worn away. Excessive work on keeping up the shoulders flush with the pavement is due to insufficient width of paved surface, and should be charged to faulty design. The minimum width of the paved surface of a highway should be classed as a fundamental principle.

Maintenance should be of the highest order, in place of permitting the road to go to pieces for lack of attention to the drainage system and the ordinary wear and tear on the surface. Maintenance does not mean the restoration of a road that was faultily constructed or a well constructed road that was injured by overloaded vehicles.

If the principles set out are followed, then the highway is ready for use. If not, then I firmly believe the highway has been abused before it has been subjected to use.

Mr. A. R. Hirst's paper "Fundamentals of Highway Department Organization" read before the Association of State Highway Officials in December, 1922, strikes the keynote in the prevention of the abuse of the highway before it is turned over to the public.

Aside from the foregoing fundamental principles of the financing, design, construction and maintenance of the highways, the writer firmly believes that all the recommendations made by him to prevent the abuse of the highways, are fundamental principles for the regulations of the use of the highways, and that some action should be taken by this Association eventually to make them effective.

EFFECT OF CEMENT ON MARBLE FACINGS SHOWN IN TESTS

The gradual dimming of the polish of some marble slabs used as facings for concrete structures was recently examined. The loss of polish was found to be the result of chemical reaction; It was also accompanied by a scum which was clearly traced to the cement. Moisture in the concrete, and still more in the brickwork backing, gradually penetrated through the marble facing, carrying with it solutions of salts derived from the cement, which caused the defect. Only the thinner slabs of marble were affected, as the thicker masses of marble did not permit the percolation of the water. Pillars of reinforced concrete, to which the marble slabs were attached direct, without any intervening air-spaces through which the moisture could enter, showed the defect to a much smaller extent than brickwork, to which water had more ready access. The defect was most noticeable near the joints in the marble, i.e., in those places where moisture might be expected to have the most ready access. By preventing the access of moisture to the back of the marble all further production of the defect has been avoided.—Tonind Ztg.

JAPAN INCREASES IMPORTS OF STEEL

Imports of iron and steel into Japan during the first ten months of 1922 were 1,305,633 tons. During the corresponding period of 1921 only 718,441 tons were purchased from foreign countries. This 82 per cent increase was effected although stocks on hand in Japan were very large.

Two factors that contributed to this increase, says Luther Becker, chief of the iron and steel division of the department of commerce, were the placing in the Japanese market of large quantities of Indian pig iron at prices that domestic blast furnaces could not undercut, and the quickening of competition from German iron and steel producers.

Pig iron, plates and sheets, bars, rods, angles and rails are the leading articles of importation.

The United States, Germany, Great Britain, China, British India, Kwantung Province (South Manchuria) and Belgium were the most important sources of these imports.

STATE HIGHWAY COMMISSION CANNOT SET SPEED LIMIT

The Calif. State Highway Commission can not issue orders regulating speed at which drivers may operate cars, according to a ruling handed down by the State Supreme Court. That court ordered the discharge from custody of Fred F. McLain, who was sentenced to the county jail for driving over a bridge at Eagle Rock, Cal., at a greater speed than allowed by the State Highway Commission. The commission has no authority to designate the speed which drivers must not exceed, the court held, for this in effect, would give the highway commission legislative power. The Legislature alone has the power of making such laws, and can not delegate that power to any other body, the court further ruled.

S. F. URGED TO PURCHASE MARKET STREET RAILWAY

Declaring that the growth of San Francisco is being retarded by the failure of the Market Street Railways to extend their traffic facilities, the Bureau of Governmental Research went on record as favoring the immediate purchase by the city of all of that corporation's properties. The bureau calls attention to the fact that B. J. Arnold, traffic expert, in his report of 1912 found that 122 miles of single track should be built in San Francisco in accordance with the city's growth between the years of 1913 and 1922. During that period, the bureau finds, 28.5 miles of track and 10 miles of bus systems have been constructed by the city and only two miles of track by the Market Street Railways.

NEW PUBLICATION

Small single-stage centrifugal pumps for motor or belt drive are described in a leaflet and in an instruction manual issued by the De Laval Steam Turbine Company, of Trenton, N. J. These pumps are made in 1½ and 2 inch sizes, and are designed for capacities ranging from 5 gal. per minute against 10 ft. head up to 130 gal. per minute against 150 ft. head. They contain few and simple parts, which are manufactured to limit gages to insure interchangeability. The publications before us give very complete tables and instructions for selecting pumps for different conditions, and explain how to determine the proper speeds and how to select piping, valves, fittings, and driving pulley or motor to secure an efficient and satisfactory installation.

Building News Section

APARTMENT HOUSES

Completing Plans.
APT. HOUSE Cost, $200,000
SAN FRANCISCO, Broadway between Octavia and Laguna.
Ten-story class A apt. house (14 6 to 9-room apts.)
Owner—Broadway Community Apts., Inc.
Architect—Frederick W. Quandt, 414 Humboldt Bank Bldg., S. F.
Plans will be ready for figures in about one month.

Segregated Figures Being Taken.
APT. HOUSE Cost—
SAN FRANCISCO, E Hyde 87-6 S Lombard St.
Ten-story class A steel and reinf. conc. apartment house with basement, sub-basement and garage (10 6-rm. apts. 2 elevators, roof garden etc.)
Owner—Withheld for present.
Architect—W. P. Gunnison, 57 Post St., San Francisco.
Mr Gunnison is now ready to take structural steel, reinf. steel, plumbing, electrical and heating figures. Plans for the balance of the work will be ready in a few days.

Contract Awarded.
APARTMENTS Cost, $13,960
SAN FRANCISCO, E Julian Ave. 185 S 15th St.
Three-story and basement frame (6) apartments.
Owner—Michael and Margaret Hayes, 179 Albion Ave., S. F.
Contractor—Conlan & Klein, 1935 Howard St., San Francisco.

Owner Taking Figures.
APARTMENTS Cost, $10,000
SAN FRANCISCO, SE San Jose Ave and Tingley Street.
Two-story and basement frame (4) apartments.
Owner—C. R. Baumgartner, 251 Tingley Ave., S. F.
Architect—R. R. Irvine, 503 Call Bldg., San Francisco.

Plans Being Prepared.
APARTMENTS Cost, $40,000 to $50,000
SAN FRANCISCO, Valencia St. 60 N Seventeenth St.
Three-story reinforced concrete apartment house (32 2 room apts.)
Owner—Fred Braun Co., 508 Valencia St., San Francisco.

Contract Awarded.
APARTMENTS, ETC. Cost, $12,500
OAKLAND, Alameda Co., Cal. E Kingsley Ave. 180 N Hopkins St.
Two-story 16-room frame apartments and garage.
Owner—Chas. A. Armstrong.
Architect—None.
Contractor—Caallfornia Builders Co., 1534 Franklin St., Oakland.

Contract Awarded.
APARTMENTS Cost, $23,329
SAN FRANCISCO. E Mission 181 S Twenty-sixth.
Three-story frame apartment and store building.
Owner—Christ and Rade Petrusich.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.
Contractor — August Magnuson and Adrian Peterson, 221 Noe St., S. F.

Contract Awarded.
APARTMENTS Cost, $12,000
Contract Awarded.
SAN FRANCISCO, S Broadway E Leavenworth.
Two-story and basement frame (8) apartments.
Owner — Wm. H. Depew, 3710 Sacramento St., S. F.
Contractor — R. Ehrhart Co., Olympic Club, city.

To be Done by Day's Work and Sub-Contracts.
APARTMENTS Cost, $35,000
SAN FRANCISCO. S Greenwich 125 E Van Ness Avenue.
Three-story and basement frame (12) apartments.
Owner—T. B. Goodwin, 2565 Gough St., San Francisco.
Architect—Not Given.

Plans Being Prepared.
APARTMENTS Cost, $8,000
SAN FRANCISCO. Green Street.
Alter two-story frame flat building into (5) apartments.
Owner—Withheld.
Architect — Fabre & Hildebrand, 110 Sutter St., San Francisco

Contract Awarded
APARTMENTS Cost, $225,000
LOS ANGELES, Los Angeles Co., Cal. No. 1212-16 W-Ninth St.
Four-story and basement Class C apartment house.
Owner—P. M. Ruthfield
Architect — Leonard L. Jones, 602 Grosse Bldg., Los Angeles.
Contractor—W. E. Stradley, 600 Stimson Bldg., Los Angeles.

Segregated Figures Being Taken.
APARTMENTS Cost. $20,000
SAN FRANCISCO. N Pine Street 175 E Jones Street.
Three-story and basement frame (9) apartments.
Owner — J. Collin, 110 Sutter St., San Francisco.
Architect — Fabre & Hildebrand, 110 Sutter St., San Francisco.
The concrete work will be done by the owner.

Plans Being Prepared.
APARTMENTS Cost, $40,000 to $50,000
SAN FRANCISCO. Valencia Street 60 N Seventeenth St.
Three-story reinforced concrete apartment house (32 2-room apts.)
Owner—Fred Braun Co., 508 Valencia St., San Francisco.
Architect—John F. Beuttler, 110 Sutter St., San Francisco.

Plans Being Prepared.
APT. HOUSE Cost, $100,000
SAN FRANCISCO, Western Addition West of Van Ness Ave.
Five-story reinforced concrete apartment house (10 6-room apts)
Owner—Withheld.
Architect—C. O. Clausen, Hearst Bldg., San Francisco.

Contract Awarded.
APARTMENTS Cost, $10,300
OAKLAND, E 97th Ave. 150 S E-14th
Two-story 12-room frame and stucco apartments and garage.
Owner—P. Morrill, 1341 97th Ave., Okd.
Contractor—Geo. B. Belamy, 1236 104th Ave., Oakland.

JOOST BROTHERS
Builders' Hardware
Tools, Etc.
(Members Builders' Exchange)
1053 MARKET ST.
Phone Market 891 San Francisco

Contract Awarded.
APARTMENT FLATS Cost, $24,800
SAN FRANCISCO. SE Geary Street and Twenty-seventh Avenue.
Two-story and basement frame store and apartment flats (3 stores and 4 apts.)
Owner—K. Kippel, San Leandro.
Architect—G. A. Berger, 261 Valencia St., San Francisco.
Contractor—M. C. Ingraham, 166 Fell St., San Francisco.

Contract Awarded.
APARTMENTS Cost, $25,000
OAKLAND, W Lagunitas Ave. 45 S Perry Street.
Three-story and basement 18-room frame and stucco apartments.
Owner—Mrs. Elvria Cordy, 733 65th St., Oakland.
Architect—G. L. Rosebrook 1424 Franklin St., Oakland.
Contractor—S. G. Johnson, 4652 Dolores Ave., Oakland.

Plans Being Prepared.
APT. HOUSE Cost, $19,000
SAN FRANCISCO, 8th Ave and Clement.
Two-story frame apt. house (4 5-room apartments.)
Owner—Withheld.
Architect—C. O. Clausen, Hearst Bldg.

Contract Awarded.
APARTMENTS Cost, $16,000
SAN FRANCISCO, N Union bet. Scott & Pierce Sts.
Two-story and basement frame (4) apartments.
Owner—Major Thos. C. Daniels.
Architect—E. E. Young, 251 Kearny St., San Francisco.
Contractor — Lager & Val Franz, 180 Jessie St., San Francisco.

SEATTLE, Wash.—A. F. Mowat, Arcade Bldg., Seattle, at approx. $185,000 awarded contract by Archt Edgar Blair Epler Block, Seattle, to erect 4-story and basement masonry apartment hse. for M. D. Carzes, 111 Pine St., Seattle, at Stewart St., and Yale Ave. Will be 150 by 120 ft., containing 65 2-room apartments.

LOS ANGELES, Los Angeles Co., Cal.—Scofield Engineering Constr. Co., Pac. Finance Bldg., Los Angeles, has the contract to erect a twelve-story and basement Class A apartment house at the northwest corner of Ocean Blvd. and Linden Ave., Long Beach, for Cooper-Arms Bldg. Co. Curlett & Beelman, 408 Union Bank Bldg., Los Angeles, are the architects. The site is 101x202 ft., and the building will contain 160 apartments; reinforced concrete construction, cement plaster and cast stone exterior, ornamental iron work, marble and tile work, hardwood interior trim, 2 elevators, steam heating, refrigeration system, wall beds, tiled baths, terrazzo floors in corridors, shower, locker and billiard rooms in the basement, ballroom on the roof. Cost, $1,100,000.

BANKS

STOCKTON, San Joaquin Co., Cal.—The Bank of Italy is planning to erect a 12 or 14-story fireproof bank and office building on Main and Hunter streets in Stockton.

BONDS

SELMA, Fresno Co., Cal.—City trustees contemplate calling election to vote bonds to finance construction of a community hall and gymnasium. Cost of building is yet to be determined.

SAN DIEGO, Cal.—The $600,000 bond issue for paving 57 miles of county highways carried at the recent election.

SELMA, Fresno Co., Cal.—City trustees will call election to vote bonds to finance construction of municipal auditorium. Proposed to erect the structure on site of library building at First and High Streets, covering area of 60 by 120 ft.

DURHAM, Butte Co., Cal.—Election will be held Feb. 23 in Durham Grammar School District to vote bonds of $100,000 to finance construction of a new school building.

CERES, Stanislaus Co., Cal.—Cerese Union High School District will call election to vote bonds of $25,000 to purchase additional ground and finance construction of new gymnasium building.

HUNTINGTON BEACH, Cal. — An election will be held Feb. 27 to vote on a $300,000 bond issue to imp. 3-mi. of Ocean Blvd. within the city limits.

DELANO, Kern Co., Cal.—City trustees sell $45,000 bond issue to finance water system extensions and improvements. Bids will be asked shortly.

TRACY, San Joaquin Co., Cal.—Co. Surv. F. E. Quail urges Tracy Chamber of Commerce to organize road imp. dist. in Naglee-Burk section to finance constr. of 5¾ miles of road; est. cost $38,000, Surv. Quail recommends grading and graveling at this time and the placing of an oil macadam topping within a year. A 10-year bond, under this plan, would be $3800 per year, to be applied to the principal and $2050 in interest.

TRACY, San Joaquin Co., Cal.—Until Feb. 15, bids will be rec. by city trustees for purchase of $107,850 bond issue to finance various improvements including street paving, sewage disposal plant, etc.

SAN DIEGO, Cal.—Of the $1,570,500 bond issue to be voted on March 20, $100,000 will be used for street paving.

OAKLAND, Alameda Co., Cal.—Supervisors sell $240,000 bond issue of Piedmont School District and $60,000 lesue of Piedmont Union High School District; proceeds of the sale, in each instance, to finance school improvements, plans for which have been prepared by Architect W. H. Weeks, 369 Pine St., San Francisco.

PLACERVILLE, El Dorado Co., Cal.—Placerville High School District votes down by eight votes $160,000 bond issue to finance construction of a new high school. Frederick Harrison, Peoples Bank Bldg., Sacramento, is the architect.

SAN JOSE, Santa Clara Co., Cal.—Supervisors extend time for opening bids for $4,500 Cambrian School District bond issue until Feb. 10. Proceeds of sale will finance school improvements.

PASADENA, Cal.—Until 10 a. m., Feb. 7, bids will be rec. by City Clk. Bessie Chamberlain, for purchase of bond issues as follows: $300,000 water works purchase; $12,000 isolation hospital and $50,000 street openings. Cert. chk 1%.

TAFT, Kern Co., Cal.—Mayor C. L. Keith has appointed Commissioners Haskell, M. Greene and E. Jordan as a committee to secure estimates of cost for a new city hall, jail and fire station. Funds will probably be raised through a bond issue.

CHURCHES

Architects Selected.
SYNAGOGUE Cost, $500,000
SAN FRANCISCO, Arguello Blvd. and Lake Street.
Class A Synagogue.
Owner — Temple Emanu-El (Louis C. Block, 248 Battery, Chairman Bldg Committee)
Architect — Sylvain Schnaittacher, 233 Post St., and Arthur Bakewell, of Bakewell & Brown, 251 Kearny St., San Francisco.
Consulting Architects—B. R. Maybeck and G. Albert Lansburgh, 140 Montgomery St., San Francisco.

Plans Being Prepared.
CHURCH Cost, $35,000
STOCKTON, San Joaquin Co., Cal.
Location not Selected .
One-story brick church.
Owner—East Side Presbyterian
Architect—Geo. Highby, Long Beach.

SANTA ROSA, Sonoma Co., Cal. — Members of Presbyterian Church vote to construct 2-story annex to present edifice for Sunday school and assembly rooms. Rolling partitions will be installed. Funds for the work are available.

RENO, Nevada.—Trinity Episcopal Church has had preliminary plans prepared far a new church, parish house and rectory to be erected in Court St., at a cost of approx. $150,000. Church will cost approx. $75,000, the parish house, $25,000 and the rectory, $18,000.

FRESNO, Fresno Co., Cal.—Fresno Methodist Union, at a meeting in Grace Cathedral, Fresno, authorized the construction of a $30,000 church building at the corner of Sixth and Balch Aves. Construction is to be started shortly.

FRESNO, Fresno Co., Cal.—Building Committee of Bethany Presbyterian Church will meet shortly to consider plans for an addition to the present edifice. Mrs. G. A. Morse, chairman of committee.

FRESNO, Fresno Co., Cal.—Bethel A. M. E. Church, G and Tuolumne Sts., Fresno, plans addition to present church building. Of money required $2,000 is available. Exact cost has not been determined. Rev. C. C. Carter is pastor.

PORTLAND, Ore.—Archt. F. Manson White, Sherlock Bldg., Portland, preparing plans for $50,000 church building to be erected in Laurelhurst district for Presbyterian congregation.

PASADENA, L. A .Co., Cal.—Archt. Carleton M. Winslow, 1134 Van Nuys Bldg., L. A., has been commissioned to prepare plans for a new class A church bldg., in Pasadena for the First Baptist church of Pasadena; to have a seating capacity of bet. 1400 & 1500 people with Sunday school assembly rm., banquet hall, study rm., recreation rms., plaster exter. and tile rfg.; $350,000.

FACTORIES & WAREHOUSES

Structural Steel Contract Awarded.
ADDITION Cost, $45,000
SAN FRANCISCO. NE Mission and Otis Streets.
Two-story reinforced concrete and brick addition to factory.
Owner—Pacific Embroidery Co.
Architect—Albert Burgren, 110 Sutter St., San Francisco.
The Schrader Iron Works, 1247 Harrison St., has been awarded the steel contract at $14,000.

Plans Completed.
MFG. BLDG. Cost, $10,000
SAN FRANCISCO. N Harrison 155 E Tenth Street.
One-story concrete light manufacturing building.
Owner— Jessie Hauser, 68 Whittier St., San Francisco.
Architect—None.

A. E. Leitch Fred Clark

CLARK & LEITCH ROOFING CO.

Successors to E. S. Warner

Office and Warehouse:

1116 SECOND ST., SACRAMENTO

Phone Main 726

Contract Awarded.
FACTORY Cost, $12,495
SAN FRANCISCO, W Harrison 117-8 N 17th Street.
One-story concrete factory and plastering present building (all work except electric wiring, lighting fixtures, shades and finish hardware).
Owner—R. W. Krobitzsch, 425 Kearny St., San Francisco.
Architect—W. H. Crim, Jr., 425 Kearny St., San Francisco.
Contractor—Chas. Sartorio, 180 Jessie St., San Francisco.

Contracts Awarded.
ADDITION Cost, $45,000
SAN FRANCISCO. NE Mission & Otis Streets.
Two-story reinforced concrete and brick addition to factory.
Owner—Pacific Embroidery Co.
Architect—Albert Burgren, 110 Sutter St., San Francisco.
Concrete Work to J. Martinelli, 1351 Mason Street.
Brick Work to Nels Anderson, 180 Jessie Street.

Plans Prepared.
MARKET BLDG. Cost, $500,000
SAN FRANCISCO, 3rd, 2nd, King and Berry Sts.
Two-story reinforced concrete main market bldg. 1700 ft. frontage.
Owner—Pope & Talbot.
Architect — C. A. Meussdorffer, Humboldt Bank Bldg., S. F.
Plans have been drawn for the first unit of the terminal to be known as the California Central Market Terminal, on property owned by Pope and Talbot. Attorneys for the market terminal company are Morrison, Dunne & Brobeck, the president of the company being William von Husen.

DAVIS, Yolo Co., Cal.—Pacific Gas and Electric Co., 445 Sutter St., San Francisco, has purchased 30 acre tract known as Miner Tract and plans expenditure of $100,000 for repair shops and storage buildings. A machine shop and garage is contemplated in addition to other improvements.

VERA, Wash—Spokane Valley Growers' Union of Spokane, Edw. F. Pierce, manager, will erect a $200,000 cold storage plant at Vera, a point immediately east of Spokane.

LOS ANGELES, L. A. Co., Cal.—Until 3 p. m., Feb. 13, bids will be received by public service comm., 207 S Edwy., for installing complete three hydraulic-electric freight elevators of 4000 lbs. net lift each, in General Warehouse No. 1, at N Main and Power Sts., in accordance with drawings No. M-317, No. M-320 and No. M-324. Spec. Nos. 303-331. Jas. P. Vroman, secy.

FRESNO, Fresno Co., Cal.—Fresno Herald Publishing Co., plans one-story addition to present plant for editorial offices and quarters for mechanical departments.

PORTLAND, Ore.—Wegman & Son, Builders' Exchange Bldg., Portland, at approx. $20,000 awarded contract by Architect Chas. W. Ertz, Pittock Block, Portland, to erect two-story concrete and mill construction dairy and creamery building for Modern Dairy Co. at Park and Davis Sts., 50 by 100 ft.

WOODLAND, Wash. — Wall Lumber Co. has purchased site and will erect sawmill with daily capacity of 80,000 ft. Company consists of T. F. Wall, Judge McCredie, J. L. Harvey and others.

SALINAS, Monterey Co., Cal.—Pierce Bros., Maple and South Main Sts., will spend $15,000 in constructing auto service station and auto camp grounds at Abbott and Maple streets. Service station will be equipped with latest appliances including compressed air lift pumps for gasoline, electric light and water system will be installed.

FRESNO, Fresno Co., Cal — Sugar Pine Lumber Co. will construct townsite at Blackstone and Herndon avenues, the district to be known as "Pinedale." Company will pave Minarets Ave from Herndon and Blackstone Aves. to the mill site. Water system will be installed and entire town completely piped. Cottage, a school and a depot bldg. will be erected.

LOS ANGELES, Cal.—United Pacific Railroad has appropriated $1,700,000 for shops and yards near Hobart, Los Angeles county. The company has invested $230,000 in sites for the improvements, which, when completed will total $3,000,000 in improvements and developments.

VALLEJO, Solano Co., Cal.—Nels Hokanson, 414 Maine St., Vallejo, at $3590 awarded contract by city council to erect timber frame and corru. iron warehouse at corporation yard. Other bidders, all Vallejo, follow: W. M. Croal 1418 Sonoma St., Vallejo, $4505; C. D. Cannon, 103 Glenn St., $5000; James Bitcon, 615-A Louisiana St., $4066; F. H. Warren, 1032 Carolina St., $4423; J. P. Fletcher, 216 Georgia St., $4559; Miller & Cassidy, 618 El Dorado St., $3624.

SAN JOSE, Santa Clara Co., Cal.—Until March 5, 11 A. M., bids will be rec by Henry A. Pfister, County Clerk, to construct county equipment building at Corporation Yard at Mountain View. Cert. check 10% payable to clerk req. with each bid. Plans obtainable from office of clerk.

WINLOCK, Wash.—Stockholders of Winlock Co-operative Creamery Co. vote to construct additions doubling capacity of present plant.

OROVILLE, Butte Co., Cal.—Wyandotte Olive Growers' Association, Oroville, will construct olive packing plant at a cost of $90,000 on a 12-acre site north of the Standard Oil plant. Grading operations have been started. Construction will be under the supervision of E. P. Hilborn, a director of the Olive Growers' Association.

LODI, San Joaquin Co., Cal.—G. W. Schlichten, president of the American-Mexican Ramie Co., plans to erect mill to refine fibre if local growers will sign to plant 500 acres or more of hemp.

QUINCY, Plumas Co. Cal.—M. A. Mortensen, former manager of the California Fruit Exchange of Graeagle, will erect box factory at Quincy; 6 acre site has been purchased on which to erect plant to cost between $65,000 and $75,000, having daily capacity of 1,000,000 ft finished box lumber.

OAKLAND, Alameda Co., Cal.—The P. J. Walker Company, Monadnock Bldg., San Francisco, has awarded a contract to Ne Page McKenny Co., 589 Howard St., S. F., for the electrical wiring for the three-story and basement steel and reinforced concrete factory and office building for the Hebren Electric Code Inc., Bank of Italy Bldg., Oakland. Contract price $18,159. It is being erected on Harrison St., between 8th and 9th Sts. in Oakland. Plans were prepared by Archts. Reed and Corlett, Oakland Bank of Savings Bldg., Oakland.

LOS ANGELES, Cal.—Lloyd & Caasler 409 Junior Orpheum Bldg., L. A., contemplate the erection of a 8-story class A loft bldg., at n w cor. 8th St. and Maple Ave., for themselves. Dimensions 77x161 ft., brick facing, maple and conc fls, elevators, etc.

LOS ANGELES, Los Angeles Co., Cal.—Archt. John M. Cooper, 321 Marsh-Strong Bldg., Los Angeles, is preparing plans and has the contract to erect a four-story and basement Class A store and loft building at southeast corner of 11th St. and Grand Ave. for Western Auto Supply Co. It will be 120x162 ft., reinforced concrete construction, stucco exterior, plate glass, steel sash, elevators, metal skylights; $300,000. The building will be designed to carry three additional stories.

LOS ANGELES, Los Angeles Col.—Archt. John M. Cooper, 321 Marsh-Strong Bldg., is preparing plans for a five-story and basement Class A warehouse to be erected at 9th and Alameda Sts., Los Angeles, for Ray Arnold. The building will have a frontage of 775 ft. on Alameda St., 417 ft. on McGarry St., 464 ft. on 9th St. and 132 ft. on 8th St. Reinforced concrete construction, stucco exterior, steel sash, metal skylights, elevators, conveyors; $2,000,000.

Sandy Pratt's Picture In Examiner

If the "Red Feather Sheik" fad strikes San Francisco this year, this is way some of city's notables will appear.

"RED FEATHER SHEIK" TO VAMP CITY. S. F. MEN TO WEAR CERISE PLUMAGE

Somebody says that the "red feather sheik" is to be a conspicuous figure in 1923.

Clarence Pratt, recognized as an arbiter of styles, says he was about to buy a new hat but will wait now for the best thing offered in "sheik chapeau." He predicts that the red feather sheik will blossom here about Easter.

Willis Polk, as an architect and designer, may have a little the best of it. He has always maintained that flat roofs were ugly and has made a special study of belfry designs in the expectation that something of the sort would come back.—San Francisco Examiner.

ARTIST JACK Lustig has Sandy.
• • •
ALIAS CLARENCE Sand Pratt, President.
• • •
OF THE Pratt Building Material Co.
• • •
DOUGLAS 300—"easy to remember."
• • •
AND PRODUCER of clean, sharp sand.
• • •
IN BIG company.
• • •
SANDY PRATT never had his picture.
• • •
NEXT TO Mayor Rolph before.
• • •
AND TO think.
• • •
THAT BILL City Editor Hines.
• • •
ALLOWED THE picture.

OF CLARENCE SAND Pratt.
• • •
A MERE sand producer.
• • •
TO BE placed.
• • •
OVER THAT of Willis Polk, Architect.
• • •
IS MORE unusual.
• • •
ARCHITECTS are always first.
• • •
THEY SPECIFY "clean, sharp sand.
• • •
PRATT'S OR equal."
• • •
AND SANDY Pratt is grateful.
• • •
TO THEM and everything.
• • •
"I THANK you."

WHEATLAND, Yuba Co., Cal.—A. A. Hubner, representing the J. C. Anisley Packing Co., E Campbell Ave., Campbell, (Santa Clara County) is in this city seeking a site on which it is proposed to erect fruit packing plant.

FLATS

Contract Awarded.
BERKELEY, Alameda Co., Cal., 1522-24-26 Oxford.
FLATS Cost, $11,000
Two-story 16-room frame flats.
Owner—Mary A. Parker.
Contractor — California Builders Co., 1534 Franklin St., Oakland.

Contract Awarded.
FLATS Cost, approx $16,000
SAN FRANCISCO, Dolores St. nr Market.
Two-story frame flat bldg., except painting, electrical wiring, fixtures and plumbing.
Owner—Mr. and Mrs. Louis Laubscher.
Architect—Frederick W. Quandt, 414 Humboldt Bank Bldg., S. F.
Contractor—W. Irvine, 1387 Hayes St., San Francisco.

Plans Complete
FLATS Cost, $11,000
SAN FRANCISCO, NE Greenwich and Broderick.
Two-story & basement frame (4) flats.
Owner—Steiner & Neumarkel.
Architect—E. A. Neumarkel, 544 Market Street, San Francisco.

Plans Being Figured.
STORE & FLAT Cost, $13,000
SAN FRANCISCO, Mission District.
Two-story frame store and flat bldg. (6 rooms)
Owner—Withheld.
Architect—J. A. Porporate, 619 Washington St., S. F.
Figures are being taken for a general contract.

To Be Done by Day's Work.
FRAME FLATS Cost, $10,000
SAN FRANCISCO. SE Clement and Twenty-ninth Avenue.
Two-story and basement frame (4) flats.
Owner—Thos. Hamill, 6140 Geary St., San Francisco.

To be done by Day's Work.
FLATS Cost, $10,000
SAN FRANCISCO, SE Cabrillo & 17th Avenue
Two-story & basement frame (4) flats.
Owner — E. A. Janssen, 402 Hearst Bldg., San Francisco.

Contract Awarded.
FRAME FLATS Cost, $10,000
SAN FRANCISCO. E Gough Street 100 S Chestnut Street.
Two-story and basement frame (2) flats.
Owner—Marie Fraux, 520 Jones St., San Francisco.
Architect—None.
Contractor — Chas. Stockholm & Sons, 849 Monadnock Bldg., S. F.

GARAGES

Plans Being Prepared.
GARAGE Cost, $40,000
RENO, Nevada, South Virginia and Moran streets.
One-story brick garage (salesroom will occupy 44x48 ft. and service department 60x140 ft.)
Owner—Osen Motor Sales Co., Reno, Nevada.
Architect — F. J. DeLongchamps, Gazette Bldg., Reno, Nevada.

RENO, Nevada.—Osen Motor Co. will erect a $40,000 salesroom and garage building at Virginia and Moran streets. Structure will be one story in height.

GOVERNMENT WORK AND SUPPLIES

Plans Being Figured—Bids Close Feb. 28, 1923, 11 a. m.
EXTENSION Cost—
MARE ISLAND, Cal
One-story extension to shell house and magazine (hollow tile and concrete pile foundation, etc.) Spec. 4742.
Owner — U. S. Bureau of Yards and Docks, Navy Dept.
Architect—Owner.
Plans may be obtained from Mare Island on a deposit of $10.
See exit for bids under official proposals.

WASHINGTON, D. C.—Bids are being received by Bureau of Supplies and Accounts, Navy Dept., for fur. and del. materials to Navy yards as follows, the date for opening bids as noted at end of each paragraph:
Schedule 458, for Mare Island, 1900 fire extinguishers, Feb. 20.
Schedule 459, for Mare Island, 7000 yds. furniture covering, Feb. 20.
Schedule 461, for Mare Island, 200 cylinders C. O. 2, Feb. 13.
Schedule 465, Mare Island, Calif., 4200 ft. electric wire, Feb. 27.
Schedule 465, for Mare Island, 4200 single-conductor lighting and power wire, opening February 27.
Schedule 475, Puget Sound, 6 oil coolers, Feb. 27.
Schedule 477, Mare Island, 870 sheets window glass, Feb. 27.
Schedule 479, Puget Sound, misc. quantity of pumps and spares, Feb. 27.
Schedule 480, Mare Island, Calif., 7500 feet radio frequency cable, Feb. 27.
Schedule 481, Puget Sound, Misc. quantity of variable feed pumps and spares, Feb. 27.
Schedule 484, f. o. b., 56,600 pounds cast steel chain, Feb. 20.

WASHINGTON, D. C.—As previously reported, contract for piers, bulkhead, breakwater and dredging at Astoria, Ore., under Spec. No. 4615, was awarded to Gilpin Construction Co., foot of 14th St., Astoria, Ore. Bid accepted follows: items 1 and 3, $100,000, time 180 days; item 4 also awarded for 400,000 cu. yds. dredging at 15c cu. yd.

SPOKANE, Wash. — James Smyth Heating & Plumbing Co., Spokane, Wash., at approx. $300,000 awarded sub-contract by Hurley-Mason Co., Portland, Ore., (general contractors for the American Lake Veterans' Hospital project) for the plumbing, heating and ventilating work in connection with the job.

MONOLITH
M
PLASTIC WATERPROOF
PORTLAND CEMENT
A Standard Portland Cement
Plus
Plasticity and Waterproofness
For Sale By
BUILDING MATERIAL DEALERS
EVERYWHERE

HALLS AND SOCIETY BUILDINGS

Contract Awarded.
LODGE HALL Cost, $20,000
SAN FRANCISCO, NW San Jose Ave. and San Juan.
Two-story and basement frame lodge hall building.
Owner — Geo. Washington Masonic Temple Assn., 85 Delano St., S. F.
Architect — John Parlett, 131 11th St. San Mateo.
Contractor—Doest & Doelger, 743 Irving St., S. F.

Plans Being Prepared.
CLUB BLDG. Cost, $75,000 to $80,000
BERKELEY, Alameda Co., Cal. Corner Bancroft Way and Bowditch St.
One-story reinforced concrete and steel Class B club building (Built for additional stories).
Owner—Masonic Club of the University of California, Hotel Bancroft, Bkly.
Architect — Carl Werner, Santa Fe Bldg., San Francisco.
It is planned to start work on the building in May.

Commissioned To Prepare Plans.
HOTEL & CLUB Cost, $750,000
SAN FRANCISCO, SW Sutter & Mason Streets.
Nine-story class A Women's hotel & club building.
Architect—Bliss & Faville, Balboa Bldg San Francisco.

OAKLAND, Cal.—Maxwell Park Improvement Club will incorporate the Maxwell Park Community Hall Assn. for $25,000 and will erect new club hse. and community hall in Madera Ave., bet. Fleming and Kingsland Aves.

MODESTO, Stanislaus Co., Cal.—Modesto business men and clergymen of Modesto, headed by Mayor S. P. Elias will organize committee to campaign for funds to finance construction of a Y. M. C. A. building before the lease held by the association on quarters in the Presbyterian Church expires. The amount desired has not yet been determined.

OREGON CITY, Ore.—Architect E. E. McClaran, Exchange Bldg., Portland, preparing plans for 2-story and basement rein. conc. $40,000 Elks Temple to replace structure destroyed by fire.

FRESNO, Fresno Co., Cal.—Sequoia Club, 2209 Stanislaus St., Fresno, has voted $40,000 to finance the purchase of furniture for the new quarters in the Patterson Building, now in course of construction. A. W. Goodfellow, Thos. B. Kennedy and Chas. E. Butner have been appointed committee to purchase.

OAKLAND, Cal.—Oakland Lodge of Moose will spend $20,000 to remodel and install equipment in gymnasium. Hand ball courts, basket and volley ball courts, running track, showers, and other features will be installed. W. J. Hamilton, chairman of the Alameda County Board of Supervisors is secretary of the lodge.

HOSPITALS

Preparing Working Drawings of Revised Plans.
HOSPITAL BLDG. Cost, $1,600,000
LIVERMORE, Alameda Co., Cal. Johnson Ranch, 5 miles from Livermore
Group of about 28 reinforced concrete and frame hospital buildings.
Owner—U. S. Government.
Architect — Mathew O'Brien, 68 Post St., San Francisco.

Plans Being Figured—Bids Close March 5, 1923 10 a. m.
HOSPITAL Cost, $180,000
OAKLAND, Alameda Co., Cal., 14th St and Vallecito Place (Highland Hospital).
Completion of 4-story reinforced concrete hospital.
Owner—Alameda County.
Architect—Henry H. Meyers, Kohl Bldg San Francisco.
This is for the completion of the ward building for which M. C. Vaughn had a contract at $480,000 and abandoned the contract

HOLLYWOOD, L. A.—John Simpson & Co., 701 Antonio St., L. A., have been awarded the gen. contr. at $273,231 for erecting a 5-story class A hospital bldg. on Vermont Ave., near Sunset Blvd., for Hollywood Hospital Assn. Action has not been taken on bids for plumbing, heating, painting or wiring. Robert H. Orr, 1305 Corporation Bldg., L. A., archt. The bldg. will be of reinf. conc. constr.; main section, 192x40 ft., with a wing 60x40 ft.; stucco exter., tile and comp. rfg., marble and tile work, steam htg., vaccum cleaning, refrigerating system, 2 elevators.

LOS ANGELES, L. A. Co., Cal.—Archt. John J. Frauenfelder, 1116 Story Bldg., L. A., is completing plans and is taking bids for the excavating for a 4-story and basement class A nurses' home bldg. to be erected on 15th St., betw. Hope St. and Grand Ave., L. A., for the California Lutheran Hospital Assn. It will contain a gymnasium, class rooms, and 90 sleeping rooms; 50x150 ft., reinf. conc. constr., press. brick facing, marble and tile work, steam htg., elevator, steel sasrh.

COVINA, L. A. Co., Cal. — Archts. Train & Williams, 226 Western Mutual Life Bldg., L. A., are preparing plans for two new fireproof dormitory bldgs. to be erected at Covina for the Masonic Homes of California. Each bldg. will contain a reception room, small dormitories to accommodate 45 beds, locker rooms, lavatories, etc.; reinf. conc. frames and floors, 2-story and basement, 48x82 ft., bhick walls, conc. rf. slab, plas. exter. Work will also include connecting corridors to present bldgs. Total cost, $150,000.

SAWTELLE, L. A. Co., Cal.—Until 12 o'clock, noon, Feb. 27, bids will be received by Major Geo. T. Baggott, treasurer, Soldiers' Home, Sawtelle, for erecting an administration and hospital bldg. at the Soldiers' Home. It will be similar to the two other units of the tuberculosis hospital group. All work will be included in one contract and work must be completed by June 30. The bldg. will be 2-story, 48x314 ft., reinf. conc. constr., plas. exter., clay tile rfg., pine trim, Terrazzo fls., and marble base in corridors, steam htg., refrigerating system, lockers, connecting corridors, etc.

OAKLAND, Cal.—As previously reported, bids will be received by Alameda County Supervisors March 6, 10 a. m., to complete portions of Highland (county) hospital project. Estimates to cost $150,000 (original contract $450,000). **Reference is made to call for bids under official proposal section in this issue.**

HOTELS

Plans Being Prepared.
ADDITION Cost, $50,000
SALINAS, Monterey Co., Cal.
Four-story steel frame addition to hotel (50 rooms).
Owner—Cominos Hotel.
Architect—Wyckoff & White, Growers Bank Bldg., San Jose.

Plans Being Prepared.
HOTEL Cost, $125,000
SAN FRANCISCO. Turk and Jones Streets.
Six-story and mezzanine reinforced concrete hotel and store building 70x80 (120 rooms and 4 stores).
Owner—Dr. A. B. Grosse.
Architect—Vernon W. Houghton, 275 Post St., San Francisco.

Plans Being Prepared.
HOTEL Cost, $400,000
RENO, Nevada.
Three-story fireproof Hotel building 162 rooms.
Owner—Building company yet to be organized headed by Chas. S. Knight, president of Chamber of Commerce, Reno, Nevada.
Architect—Wm. J. Rau and Frederick C. Zobel, representing Zobel Engineering Co., Reno, Nevada.

Permit Applied For.
ALTERATIONS Cost, $10,000
SAN FRANCISCO. No. 10 Stark St.
Raise and make additions and alterations for rooming house.
Owner—Ponsero Bros., Premises.
Architect—C. Fantoni, 550 Montgomery St., San Francisco.

Plans Being Completed.
HOTEL Cost, $35,000
FRESNO, Fresno Co., Cal. Van Ness Ave. and Hamilton St.
Two-story brick hotel and stores, 150 by 50 feet.
Owner—Florence Wipfli, Fresno.
Architect—Ernest J. Kump Co., Rowell Bldg., Fresno.

ELK GROVE, Sacramento Co., Cal.—Foulke-Graham Co., of Elk Grove, has been incorporated for $25,000 and proposes to erect brick hotel and store building, 90 by 70 ft., on site of former Toronto Hotel, recently destroyed by fire. Incorporators are: Guy G. Foulke, George W. Foulke, Effie Newell, Mary Gray and Hazel Graham.

SAN DIEGO, San Diego Co., Cal.—Architect William H. Wheeler, 664 I. W. Hellman Bldg., Los Angeles, has completed plans for a seven-story reinf. concrete addition, 118x100 ft., to the San Diego Hotel, the new annex to have an entrance on State St. It will have 102 guest rooms, one 4-room suite, one 3-room suite, and two 2-room suites, all with baths. The banquet hall will be 112x47 ft. with vaulted ceiling, marble and plaster ornamentation, and dancing floor. The exterior will conform to the present structure, but will have a stone rusticated first story exterior. Cost about $500,000.

POWER PLANTS

SACRAMENTO, Cal. — Following a meeting of the Sacramento county sups and Sacramento city comm. it was voted to put the Silver Creek power project through under the Municipal Utility District Act, rather than handle it through the municipal bonding capacity of the city alone. The project is estimated to cost $5,000,000. Albert Givan, city eng.

FRESNO, Fresno Co., Cal.—San Joaquin Light and Power Co., at cost of $2080 will construct pole line supply power to the Union Hospital now in course of construction at Kearny and A streets.

PUBLIC BUILDINGS

Plans Being Figured—Bids Close Mar. 20, 1923, 10:30 A. M.
AUDITORIUM Cost, $600,000
STOCKTON, San Joaquin Co., Cal. Center, Commercial, Fremont and Oak Streets.
Class A reinforced concrete memorial auditorium with steel dome and roof trusses, white cement and pre-cast sandstone exterior finish.
Owner—City of Stockton.
Architect—City Architectural Commission (Louis S. Stone, Glenn Allen and W. J. Wright), 41 S-Sutter St., Stockton.
Bids will be segregated as follows:
(1) General contract for the construction of the building.
(2) Plumbing.
(3) Electrical work.
(4) Heating and ventilating.
(5) Combining bids Nos. 2, 3 and 4 under one bid.
(6) Combining the entire work in bids Nos. 1 to 4 inc.
Plans and specifications may be secured at the offices of the City Architectural Commission, 41 S-Sutter St., Stockton, Calif., upon the deposit of the following amounts:
$100 for the plans and specifications for the general contract.
$50 for the plans and specifications for the plumbing.
$50 for the plans and specifications for the electric work.
$50 for the plans and specifications for the heating and ventilating.

Date of Opening Bids Postponed From Feb. 20 to Feb. 27, 1923, 12 noon.
SCHOOL BLDG. Cost, $190,000
SAN JOSE, Santa Clara Co., Cal.
Two-story reinforced concrete home Economics Bldg., 290x105 and a 1-story reinforced concrete manual arts bldg. 160x105 with open court.
Owner—State of California.
Architect — Division of Architecture, Forum Bldg., Sacramento.
Bids are being taken for a general contract except the mechanical equipment for which separate bids are being taken to be opened also on February 20, 1923 at 12 noon.
The home economics bldg. will contain 22 rooms, lavatories, etc., rein conc exterior walls, halls and corridors, wood floors, terra cotta and comp. roof, plaster exterior over conc. metal lath, maple floors, comp. blackboards and painted ceilings, etc.
The manual arts will have rein. conc. walls, wood roof, comp. roofing, metal skylights, steel sash, cement floors, T & G partitions, plastered exterior over concrete.
See call for bids under official proposals.

KELSO, Wash.—Until Feb. 14, 1 p. m. bids will be rec. by Cowlitz County Commissioners, H. D. Renner, clerk, to const. 3-story and basement reinforced concrete 80x120 ft. courthouse; est. cost $150,000. Seperate bids wanted for heating and plumbing, jail equipment, electric work and vault doors. Will have faced brick exterior trimmed with cast stone. Cert. check 5% payable to County Comm required. W. W. Lucius, Lewis Bldg., Portland, Ore., archt. Plans obtainable from clerk on deposit of $10, returnable.

..CALIFORNIA—Bill introduced in Senate seeking $317,000 for new buildings and improvements at Santa Barbara teachers' college of which $175,000 is for new main building and $96,000 for new traning school.

WENATCHEE, Wash.—Jarl & Lasker, Great Falls, Montana, at $290,000 awarded contract by Chelan County Commissioners to erect court house. Original bid was $302,400 but revision in plans reduced cost of the structure.

SANTA ROSA, Sonoma Co., Cal.—Dr. R. Aronovici of Berkeley has been commissioned by Santa Rosa Chamber of Commerce to lay out and develop "Burbank Park" comprising 40 acres. City in conjunction with Chamber will maintain and develop the park in addition to erecting structure to house creations of Luther Burbank.

SAN JOSE, Santa Clara Co., Cal.—Megna & Newell, 864 N-17th St., San Jose, at $12,375, submit only bid to supervisors for alterations and additions to Aged Women's Home at County Hospital. Taken under advisement.

SAN JOSE, Santa Clara Co., Cal.—County Supervisors, Henry A. Pfister, Clerk, propose to install program clock system in several departmente of the Court House. Chairman of board will make recommendation at March 5 meeting.

NAPA, Napa Co., Cal.—Until Feb. 13, 8 P. M., bids will be rec. by H. H. Thompson, City Clerk, to paint interior and exterior of city hall. Spec. on file in office of clerk.

PALO ALTO, Santa Clara Co., Cal.—Frank W. Backus, 732 Emerson, Palo Alto, at $450 awarded contract by city council to paint community center bldg.

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OAKLAND, Alameda Co., Cal.—Bids were opened on Feb. 6 by the Board of Park Directors of the City of Oakland for the completion of the bandstand in Lakeside Park. The two bids submitted were above the estimates, so it was decided to reject the bids and do the work by sub-contracts and day labor. Bids were as follows:

F. W. Maurice $11,777
Lawton & Vezey 11,881

RESIDENCES

Contract Awarded.
RESIDENCE Cost, $12,000
BERKELEY, Alameda Co., Cal., 102 Uplands.
Two-story 9-room frame residence.
Owner—Mrs. Lewis H. Waldrom, 2610 Hillegass Ave., Berkeley.
Architect—Walter B. Philip, 1073 Monadnock Bldg., S. F.
Contractor—J. Dawson, 1136 Sutter St., San Francisco.

Contract Awarded.
DWELLING Cost, $13,000
SAN FRANCISCO, SW San Leandro & Monterey Blvd.
Two-story and basement frame dwlg.
Owner—M. Crutcher, 82 Westwood Dr.
Contractor—A. C. Hamerton, 475 Dewey Blvd., San Francisco.

Plans Complete.
RESIDENCE Cost, $10,000
SAN FRANCISCO, W Moncada Way 148 N Cedro Way.
Two-story and basement frame residence.
Owner—A. Harrington, 759 26th Ave., San Francisco.

Plans Being Prepared.
RESIDENCE Cost, $27,500
FRESNO, Fresno Co., Cal.
Two-story frame, brick and stucco residence (12 rooms, 4 bathrooms)
Owner—A. B. Clark, 1544 Van Ness Ave., Fresno.
Architect — Swartz & Ryland, Rowell Bldg., Fresno.

Contract Awarded.
RESIDENCE Cost, $10,000
SAN FRANCISCO, S Yerba Buena 302 E Santa Paula.
Two-story and basement frame residence.
Owner—Philip Little.
Architect—H. H. Gutterson, 278 Post St., San Francisco.
Contractor — Moore & Madson, 77 O'Farrell St., San Francisco.

Contract Awarded.
DWELLINGS $3950 each
OAKLAND, 3000 blk Kingsland Ave, 3000 blk Rawson Ave, Madera Ave., 3000 blk of Modesto Ave.
Fifty 1-story 6-room frame dwellings.
Owner—J. F. Hogan, 2766 Kingsland Ave., Oakland.
Contractor—C. M. MacGregor, 470 13th St., Oakland.

Plans Being Figured—Bids Close Feb. 12, 1923.
RESIDENCE Cost, $27,000
ATHERTON, San Mateo Co., Cal.
Two-story frame residence.
Owner—Clifton Le Montaigne.
Architect — Jos. L. Stewart, Claus Spreckels Bldg., S. F.
Figures are being taken for a general contract.

Plans Being Prepared—Figures To Be Taken In One Week.
RESIDENCE Cost, $15,000
SAN MATEO, San Mateo Co., Cal.
One-story frame and stucco residence 9 rooms (separate garage).
Owner—Withheld.
Architect—Chas. E. J. Rogers, Hearst Bldg., S. F.

Plans Being Figured.
RESIDENCE Cost, $18,000
REDWOOD CITY, San Mateo Co., Cal.
Two-story frame and stucco residence (10 rooms) separate garage.
Owner—Withheld.
Architect—Chas. E. J. Rogers, Phelan Bldg., S. F.
Figures are being taken for a general contract.

LOS ANGELES, Los Angeles Co., Cal.—Graham Constr. Co., 529 Citizens National Bank Bldg., has the contract to erect an 85-unit residence court at Witmer and Columbia Sts., betw. 2nd and 3rd Sts., for A. A. Daugherty, 514 Western Mutual Life Bldg., Los Angeles, to consist of 85 six-room, double residences. Frame and plaster construction, two-story, comp. roof, hardwood and O. P. floors, tile baths and drainboards, wall beds, gas rad. or elec. heating, electric or gas water heaters. O. P. trim; $700,000.

SCHOOLS

Completing Plans.
SCHOOL Cost, $100,000
SAN FRANCISCO, Oriental school.
Three-story reinforced concrete school with roof playground.
Owner—City & Co. of S. F.
Architect—John Reid Jr., 1st Natl Bank Building, S. F.

Plans Being Prepartd.
SCHOOL Cost, $180,000
SAN FRANCISCO. Block bounded by Goettingen, Somerset, Burrows and Bacon Sts.(Portola Primary School)
One-story frame and stucco school (16 classrooms, auditorium, seating 500, kindergarten rooms, etc.)
Owner—City & County of San Francisco
Architect—August Headman, New Call Bldg., San Francisco.

SCHOOL Cost, $150,000
MOUNTAIN VIEW, Santa Clara Co., Calif.
Two-story reinforced concrete high school.
Owner — Mountain View Union High School District.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
Bids will be opened about Feb. 24th.

Contracts Awarded.
ADDITION Cost, $92,000
OAKLAND, Cal., Perry and Grand Ave. (Lakeview School)
Three-story steel and brick school addition.
Owner—City of Oakland.
Architect—C. W. Dickey & John J. Donovan associated, Pacific Bldg., Oakland.
General contract to Alfred Olson at $47,912.
Brick work to M. B. McGowan, 180 Jessie St., S. F. at $16,070.
Plastering to M. Ebinger, 1063 Alcatraz Ave., Oakland, at $5529.
Electrical work to Standard Elec. Co., 60 Natoma St., S. F. at $3018
Plumbing — A. Feldhammer, 104 Park, Alameda, at $4175.
Heating to Scott Co., 381 11th St., Oakland at $9512.
Plastering for University High School to T. D. Sexton, 864 Mandana St., Oakland, at $12,562.

Completing Plans.
WHOLESALE BLDG. Cost—
SAN FRANCISCO, Mission, Ecker & Jessie Sts.
Five-story and basement reinforced concrete store and wholesale bldg.
Owners — Miss Lucy H. & Edith W. Allyne.
Architect—Reid Bros, 105 Montgomery St., San Francisco.
Plans will be ready for figures in about three weeks.

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Contract Awarded.
STORE BLDG. Cost, $38,343
OAKLAND, Alameda Co., Cal.
One-story concrete store building.
Owner—Whitthorne & Swan.
Architect—Wm. Knowles, Central Bank Bldg., Oakland.
Contractor—Lawton & Vezey, Call Bldg San Francisco.

Plans Being Figured—Bids Close Feb. 24, 1923, 8 p. m.
SCHOOL Cost, $150,000
MOUNTAIN VIEW, Santa Clara Co. Cal.
Two-story reinforced concrete high school with tile roof.
Owner — Mountain View Union High School District.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
Segregated bids will be received on the work as follows:

1. Excavating, grading and concrete work.
2. Iron and steel.
3. Composition floor work.
4. Terrazzo work.
5. Tile work.
6. Mason work.
7. Carpenter work.
8. Blackboards.
9. Glass and Glazing.
10. Finish hardware.
11. Lathing and plastering.
12. Composition roofing.
13. Terra cotta tile roofing.
14. Special fixtures and furniture.
15. Cafeteria kitchen equipment.
16. Window shades.
17. Cork carpet and linoleum.
18. Steel lockers.
19. Electric work.
20. Plumbing.
21. Sheet metal.
22. Painting.
23. Heating and ventilating.

Plans and specifications may be obtained at the office of the architect, W. H. Weeks, 369 Pine Street, San Francisco, Cal.; or at the office of the Clerk of the Board in Mountain View. **See call for bids under official proposals.**

CHICO, Butte Co., Cal.—Following bids taken under advisement by Board of Education for fur. an install. lockers in high school gymnasium: Rucker-Fuller Co., $1900; Webber Co., $954.28; Ed Bean Co., $808.42; Fred Nedart, $827.62.

CHICO, Butte Co., Cal.—White and Shalz, First & Spruce Sts., Oroville, at $21,934 submitd low bid to Board of Education to const. high school gymnasium. Thos. H. Polk, bid $24,885 and Lamb, Lunn and Lunn, Vallejo, $26,626. Nichols Hardware Co. bid $692 for sheet metal work and $2833 for plumbing; Bird Electric Co., electric work $773, Fisher and Conners, electric wk., $776; Broadway Paint and Wall Paper Co., painting, $1256; Machine Spray and Paint Co., Painting, $838; Ed Stavert, plumbing fixtures, $2463; Ralston Iron Works, San Francisco, iron work $1898; Gladding McBean Co., San Francisco, tile roofing, $1725; W. P. Fuller Co., glazing, $378; U. S. Metal Products Co., steel sash, $540. All bids taken under advisement. Structure will be one story in height, 145 by 45 ft., of reinforced concrete construction.

LOS ANGELES, Cal.—Bavin & Burch Co., 173 E Jefferson St. has been awarded the gen. contr. at $506,524 for erecting new high school bldg. on Belmont high school site, at Belmont Ave. and Loma Drive. Contract was awarded on the bid of $547,569 for main bldg. omitting gymnasium and connecting arcade, with deductions of $35,355 for cast stone trim instead of natural stone and $5690 for omitting a portion of grading and concr. paving for roadway. Other contracts were awarded as follows: Plumbing to F. J. Donnelly at $24,788; painting to E. A. Lindgreen at $8440; and heating to L. Z. Brown at $40,269 with deductions of $2186 for omitting small steam boiler, $2954 for omitting 1 large boiler, and $940 for omitting 1 unit of vacuum pump and oil set. Plans for the bldg. were prepared by the architectural dept. of the board of education, Edgar H. Cline, architect.

PORTLAND, Ore.—Archt. F. Manson White, Sherlock Bldg., Portland, completes plans for Chapman school; 5-story concrete with red brick exterior; will contain 20 classrooms, gymnasium and auditorium seating 750; est. cost, $275,000. Bids will be asked shortly.

LOS ANGELES, Los Angeles Co., Cal.—Until 9 A. M., Feb. 21, bids will be received by the Los Angeles Board of Education for erecting a new school building at Hermon school site. Hudson & Munsell, architects. Bids will be taken separately on the general contract, plumbing, painting, heating and wiring. Plans and specifications may be obtained at the secretary's office, 730 Security Bldg., Los Angeles. Brick construction, one-story, 139x116 ft., basement, composition roofing, maple and cement floors, cast stone trim, $90,000.

SANTA ROSA, Sonoma Co., Cal.—Until Feb. 19, 11 a. m., bids will be rec. by E. M. Mossler, clerk, Olivet School Dist. to const. 1-room frame addition to present school. W. Herbert, architect, City Hall, Santa Rosa. Cert. check 5% payable to clerk required with each bid. Plans obtainable from architect.

PORTLAND, Ore.—Archts Claussen & Claussen, Macleay Bldg. Portland, complete plans for Laurelhurst school to be erected in E-41st St., bet. Laurelhurst and Royal Court; 2-story conc. faced with red brick trimmed with terra cotta or cast stone; 266 by 124 ft.; est. cost $250,000. Auditorium will seat 500. This is first unit 10-classrooms of contemplated 20-classroom building.

LOS ANGELES, Cal. — Lawrence Burck Constr. Co., 325 Hill St., L. A., low bidder at $79,470 on the general contract for erecting a new school bldg. at Humphreys Ave. school site; Walker & Eisen, 325 Pac. Finance Bldg., L. A. archts. Low bidders on other contracts were: W. Brooks on plumbing, at $7000; Am. Elec. Constr. Co., wiring at $2749. The bldg. will contain 12 rooms 2-story, brick constr. The bids were: **General contract** — Lawrence Burck Constr. Co., $79,470; Pozzo Constr. Co., $83,000; J. D. Kneen Constr. Co., $83,287; Hubert Constr. Co., $83,416; H. H. Hinds, $84,245; Darrell Condley Co., $86,500; J.J A. Hill Constr. Co., $87,900; Chester R. Hovey, $89,500; C. E. Downs, $93,000. **Plumbing**—W. W. Brooks, $7000 E. W. Crowell, $7189; A. Hess, $7845; **Electric work**—American Elec. Constr. Co., $2843; Graham Elec. Co., $2919; F. B. Potter Elec. Co., $3100; Carlson Elec. Co., $3290. **Painting**—Leo. H. Hubbert, $2749; H. H. Mann, $2800; R. E. Swan, $2840; Brown & Brown, $2987; Dresher & Heinsbergen, $3019; Arenz-Warren Co., $3220; Alhambra Wall Paper & Paint Co., $3700; D. Zelinsky & Son, $3761.

LOS ANGELES, Cal.—The Board of Education has authorized Archts. Noerenberg & Johnson, 401 L. A. Railway Bldg., to prepare plans for a class A bldg. to be erected on 16th St. school site for part-time school. It will be a 3-story class A structure, designed to carry three additional stories, and will contain classrooms and offices for some of the school depts. formerly located in Olive St. school bldg. Est. cost, $400,000.

GARDEN GROVE, Orange Co., Cal.—Arthur G. Lindley, Chas. Selkirk, associated, 800 American Bank Bldg., L. A., have been commissioned to prepare plans for a grade school at Garden Grove, Orange Co. Central Portion will be 2-story, containing aud. with gallery to seat 700. There will be two 1-story wings providing 8 class rms.; also manual training and domestic science depts; library, room for Parent Teachers' Assn., shower baths and lockers. Hollow tile and brick walls, reinf. conc. stairs and corridor fls., plas. exter., Spanish tile and comp. rfs., maple fls., patent stair treads, unit gas radn., mechanical vent., moving picture booth. Bonds to amount to $495,000. Working plans are being made.

LOS ANGELES, Los Angeles Co., Cal. — J. B. Harris, 808 Westchester Place, Los Angeles, was low bidder at $80,891 for erecting a new school building on Hammel St. school site, at Hammel and Brannock Sts.; Geo. M. Lindsey, 331 Laughlin Bldg., Los Angeles, is the architect. Low bidders on other contracts were: Dresher & Heinsbergen on painting at $1628; So. Pasadena Plumbing on plumbing at $5228; Geo. A. Posthumus on heating at $7140, and American Electric Constr. Co. on wiring at $1321. The building will contain 12 units 2-story, brick construction, selected common brick facing, composition roofing, pine trim, pine and maple floors, reinforced concrete stairways and corridor floors. The bids received were: **General Contract**—J. B. Harris, $60,891; Darrell Condley Co., $61,000; Clark Bros. & Libby, $61,000; J. D. Keen Contracting Co., $61,718; R. H. Whinery, $62,500; Willard-Brent Co., $62,778; Glenn O. Winget, $64,000; H. H. Hinds, $64,800; Chester R. Hovey, $66,800; Hubert Constr. Co., $67,176; J. A. Hill Constr. Co., $68,824; C. E. Downs, $70,702; Clarence P. Day, $71,500; Davies Constr. Co., $73,475; Pozzo Constr. Co., $76,000. **Painting**—Dresher & Heinsbergen, $1628; Leo. H. Hubbert, $1700; Alhambra Wall Paper & Paint Co., $1735; Heinsberger Decorating Co., $1735; D. Zelinsky & Son, $1897; R. E. Swan, $1985; H. H. Mann, $2024; Brown & Brown, $2397. **Plumbing**—South Pasadena Plumbing Co., $5228; E. W. Crowell, $5555; Davidson & Cameron, $5725; W. W. Brooks, $6100; Arthur Hess, $6185; Ashworth & Gallop, $6462; H. E. Murray, $6494. **Heating**—Geo. A. Posthumus, $7140; F. J. Donnelly, $7198; J. Hokom, $7297; Frank Davidson, $7347; Franklin & Boyce, $7367; L. Z. Brown, $7564; Munger & Munger, $7840; Arthur Hess, $8326; Thos. Haverty Co., $8880. **Wiring**—American Electric Co., $1324; Carlson Elec. Co., $1375; Graham Elec. Co., $1539.

EL MONTE, L. A. Co., Cal. — Until 3:30 p. m., Feb. 24, bids will be rec. by the board of trustees of El Monte grammar school dist. for erecting a new elementary school bldg. in El Monte. E. C. Thorne, 820 Western Mutual Life Bldg., L. A., archt. Bids to be taken on general contract to include all work. Fourteen rms., library, offices and kindergarten, with 2 wings; conc. and brick constr., 1-story, stucco exter., 360x39 ft. each, tile rf., maple and conc. fls., Pemberton htg. ays.

HOLLYWOOD, L. A. Co., Cal.—Archt. Norman F. Marsh, 211 Broadway, Central Bldg., L. A., is preparing working plans for a new auditorium bldg. for Hollywood high school. It will be 2-story and basement, 141x190 ft., with an auditorium and balcony to seat 2500 people; cafeteria and music dept. in the basement, brick walls, reinf. conc. frame, steel columns, beams and trusses, fireproof stage, ruff. brick facing, cast stone trim, comp. rfg., pine trim htg. and ventilating; $225,000.

MONTEREY, Monterey Co., Cal. — Following action was taken by trustees of Monterey Union High School Dist. with regard to equipment for school gymnasium and science buildings:

Auxiliary table, awarded to Webber & Co., $38.40; library table to Stewart Sales Co., $72; 300 lockers, Medart Co., $560; 700 portable chairs, Stewart Sales Co., $3199; teachers chairs and desks, Wentworth Co., $146.17; Biology tables, Webber & Co., $597.80; 40 Brentwood chairs, $160 and tablet arm chairs, Western States Co., $276; lecture table, Webber & Co., $236.80; chemistry tables Webber & Co., $2077.20. Contract for gymnasium bleachers awarded to Western States Co. Contracts for students desks and curtains will be let at Feb. 24 meeting. Bids for stage equipment rejected and bids ordered re-advertised to be opened at the March meeting.

SACRAMENTO, Cal.—The Board of Education of the City of Sacramento opened bids on Feb. 6 for the construction of an addition to the Leland Stanford School Bldg. Plans were prepared by Architects Dean & Dean, City Library Bldg., Sacramento. The contract was awarded to George Hudnutt, California Fruit Bldg., Sacramento. Following is the complete list of the bids:

Geo. Hudnutt	$23,853
Fred Betz	24,239
Wm. Keating	25,200
Wm. Murcell	25,576
Chas. Mabrey Co.	25,721
Holdener Constr. Co.	27,214
Ubell & Van Till	27,950
W. H. Robertson	29,143
Herndon & Flanigan	29,820

FAIRMEAD, Madera Co., Cal.—Until Feb. 21, 12 M., bids will be rec. by J. C. Arnott, clerk, Fairmead School District for fur. 300 used auditorium chairs, as per sample on file in office of clerk. **See call for bids under official proposal section in this issue.**

LOS ANGELES, Cal.—The following bids were received by the board of education for painting school bldgs:

Fremont Ave.—Leo H. Hubbert, $1318 for old bldg., $704 for bungalows, $214 for fences and playground apparatus; Arenz-Warren Co., $1362, $541, $125; Brown & Brown, $1391, $445, $170; A. Quandt & Son, $1457, $492, $162; Dresher & Heinsbergen, $1460, $681, $448; D. Zelinsky & Son, $1485, $600, $326; E. A. Lindgreen, $1644, $747, 325; Geo. W. Simons, $1765, $560, $200; H. H. Mann, $1835, $637, $364; J. A. Mohr & Sons, $1840, $504, $347; G. C. Hewitt, $1860, $640, $300; R. E. Swan, $1885, $780 $305; Alhambra Wall Paper & Paint Co., $2257, $1147, $212; Morgan McCarthy Co., $2560, $860, $425.

Hellman Development School—R. E. Swan, $1790, and $470; H. H. Mann, $1796, $170; Brown & Brown, $1849, $243; A. Quandt & Son, $1897, $95; J. A. Mohr & Sons, $1906, $310; Arenz-Warren Co., $1908, $35; D. Zelinsky & Son, $1925, $300; Leo. H. Hubbert, $2075 $254; E. A. Lindgreen, $2154, $514; Dresher & Heinsbergen, $2392, $446; G. C. Hewitt, $2400, $300; Alhambra Wall Paper & Paint Co., $2700, $558; Morgan McCarthy Co., $4110, $425.

Breed St.—H. H. Mann, $1814 and $210; Brown & Brown, $1846, $350; A. Quandt & Son, $1875, $414; R. E. Swan, $1880, $635; D. Zelinsky & Son, $1890, $625; Geo. W. Simons, $1945, $390; Leo. H. Hubbert, $1949, $365; J. A. Mohr & Son, $2001, $320; Arenz-Warren Co., $2330, $500; Dresher & Heinsbergen, $2488, $686; E. A. Lindgreen, $2490, $740 Morgan McCarthy Co., $2540, $375; G. C. Hewitt, $2674, $700.

Avenue 21—A. Quandt & Son, $972, $650, $172; Leo. H. Hubbert, $1046, $653, $192; D. Zelinsky & Son, $1125, $600, $275; E. A. Lindgreen, $1246, $853, $272; Dresher & Heinsbergen, $1254, $625, $355; Brown & Brown, $1265,, $540 $210; G. C. Hewitt, $1292, $1072, $297; R. E. Swan, $1390, $720, $370; H. H. Mann, $1525, $1083, $343; Arenz-Warren Co., $1555, $740, $75; Morgan McCarthy Co., $1791, $1091, $50; Alhambra Wall Paper & Paint Co., $1980, $1410, $370.

LOS ANGELES, Cal.—Geo. Holliday, San Fernando, was low bidder at $48,980 on the general contract for erecting a new school bldg. at San Fernando. Harry L. Pierce, archt. Low bidders on other contrs. were: Davidson & Cameron on plumbing at $6890; Potter Radiator Corp. on heating at $1225; Dresher & Heinsbergen on painting at $1730; and American Elec. Constr. Co. on wiring at $1324. Two units of 4 rooms each; 40x114 ft.; brick walls, red press. brick facing, caat stone trim, comp rfg., pine trim, etc. The Blds were **General contract**—Geo. Holiday, $48,980 Davies Constr. Co., $59,587; Willard-Brent Co., $60,389; Clark Bros. & Libbey, $62,353; J. F. Kolker, $63,880; C. A. Williams, $66,666; J. S. Metzger & Son, $67,771; Reed Bros. Constr. Co., $72,587; Pozzo Constr. Co., $75,300. **Plumbing**—Davidson & Cameron, $6890; E. W. Crowell, $7098; Ashworth & Gallup, $7980; A Hess, $8625; H. E. Murray, $8832. **Heating**—Potter Rad. Corp., $1225; Pac. Gas. Rad. Co., $1245; Hammel Rad. Corp., $1424; Coast Rad. Co., $1460; Williams Rad. Co., $1907. **Painting**—Dreaher & Heinsbergen, $1730; Alhambra Wall Paper & Paint Co. $1923 Heinsbergen Decorating Co., $1971; H. H. Mann, $1998; Arenz-Warren Co., $2266; R. E. Swan, $2280; D. Zelinsky & Son $2641, Brown & Brown, $2986. **Electric work**—American Elec. Constr. Co., $1324; Carlson Elec. Co., $1375; Graham Elec. Co., $1539.

LOS ANGELES, Los Angeles Co., Cal.—The Los Angeles Board of Education has commissioned architects to prepare plans for new school buildings as follows: William Lee Woollett, 8-rm. building at Lilian St. school site, $56,000; Frank R. Farrar, 8-room school at Park Ave. site, $56,000; Loy L. Smith, 12-room building at Alexandria Ave. site, $84,000.

FRESNO, Fresno Co., Cal.—Bids will be asked shortly by Board of Education, W. J. Cooper, city supt. of schools, to construct an addition to the Chester Rowell school, at present a one-story four-room structure. Plans have been prepared for a 14-room addition but it is probable that bids will be asked at this time for only a two-story addition with 3 classrooms on the ground floor and three above.

STORES AND OFFICES

Completing Plans.
ADDITION Cost, $200,000
SACRAMENTO, Sacramento Co., Cal. Sixth and K Streets.
Two-story brick and steel addition to one-story portion of 1 and 3-story store building (extensive alterations including new terra cotta front on two streets).
Owner—John Breuner Co.
Architect—E. C. Hemmings, Ochsner Bldg., Sacramento.
Plans will be ready for figures in about three weeks.

Plans Being Figured.
ALTERATIONS Cost, $15,000
SAN FRANCISCO, Grant Ave., Chinatown.
Alterations to store (lower floors, new front, fixtures, plumbing, electrical work, painting, etc.)
Owner—Withheld.
Architect—Chas. E. J. Rogers, Phelan Bldg., S. F.

Figures To Be Taken Shortly.
AUDITORIUM Cost, $45,000
MILBRAE, San Mateo Co., Cal.
One-story frame and stucco school (4 classrooms and an auditorium).
Owner—Lomita Park School District.
Architect—Alfred Kuhn & Thos. M. Edwards, 833 Market St., S. F.

Contract Awarded.
BUILDING Cost, $11,109
BERKELEY, Alameda Co., Cal., Lot 16 Blk 15 Shattuck Tract No. 44.
One-story concrete building.
Owner—John W. Havens, 445 States Berkeley.
Architect—Jas. W. Plachek, 2014 Shattuck Ave., Berkeley.
Contractor — Walter Murch, Federal Bldg., Oakland.

Contract Awarded.
OFFICE BLDG. Cost, $90,000
LONG BEACH, Los Angeles Co., Cal.
Three-story reinforced concrete, steel and brick store and office building, 42x130 (terra cotta facing).
Owner — Long Beach Bathhouse & Amusement Co.
Architect — John C. Austin, Detwiler Bldg., Los Angeles.
Contractor—North Pacific Constr. Co., 1302 Detwiler Bldg., Los Angeles.

Contracts Awarded.
STORE & OFFICE Cost, $40,000
SAN LEANDRO, Alameda Co., Cal., SW E-14th & Ward Sts.
Two-story & mezzanine floor brick store & office bldg.
Owner—Anthony B. Thomas.
Architect—E. W. Cannon, Cent. Bank Bldg., Oakland.
Brick work and setting terra cotta awarded to W. J. Baccus, 351 12th St., (using Gladding McBean's brick for exterior).
Plastering to Cronin & Burnett, 351 12th St., Oakland.
Structural steel to Herrick Iron Works, 361 12th St., Oakland.
Plumbing to J. A. Freitas, 2811 E-10th St., Oakland.
Painting to C. L. Friberg, 351 12th St., Oakland.
Carpentry and Mill Work to E. T. Leiter & Son, 351 12th St., Oakland.
Roofing to Jas. B. McKeon, 2303 Park Blvd., Oakland.
Electric work to Morgan Elec. Co., San Leandro.
Excavating and concrete work to Oakland Machinery Co., 351 12th St., Oakland.
Marble to Ray Cook, 351 12th St., Oakland.
Tile work to Rigney Tile Co., 351 12th St., Oakland.
Terra Cotta Work to Livermore Brick Co., Livermore.

Work To Start March 1.
ADDITION Cost, Approx $800,000
SAN FRANCISCO, SE 6th and Market Streets (on the 6th St. side running to Stevenson).
15-story class A addition to present office building.
Owner—Western States Life Ins. Co., premises.
Architect—Reid Bros., 105 Montgomery Street, San Francisco.
As reported before the steel has been awarded to Dyer Bros. and the terra cotta to Gladding-McBean Co.

Plans Being Prepared.
OFFICE BLDG. Cost, $100,000
SAN FRANCISCO. N California St. 139 W Kearny St.
Two-story reinforced concrete store and office building, 50x137-6.
Owner — Louis R. Lurie, Mills Bldg., San Francisco.
Architect—O'Brien Bros., 315 Montgomery St., San Francisco.
The second floor and basement has been leased to Sanborn Map Company.

Plans Being Prepared.
OFFICE BLDG. Cost, $——
GLENDALE, Los Angeles Co., Cal. NE Brand Blvd. and Broadway.
Six-story, basement & mezzanine Class A bank and office building.
Owner—Security Trust & Savings Bank
Architect—Alfred F. Priest, Fay Bldg., Los Angeles.

Plans Being Figured.
STORE & OFFICE BLDG. Cost $25,000
SAN FRANCISCO, 17th and Castro Sts.
Two-story reinforced concrete store & office building.
Owner—Samuel H. Levin.
Architect—Reid Bros., 105 Montgomery Street, S. F.

Figures to be Taken in a Few Days.
OFFICE BLDG. Cast, $30,000
SAN FRANCISCO. W Valencia St. 92 S Sixteenth St.
Three-story Class B reinforced concrete store and office building (8 doctors' and dentists' suites of 2 and 3 rooms).
Owner—Fred Braun Co., 508 Valencia St., San Francisco.
Architect—John F. Beuttler, 110 Sutter St., San Francisco.
Figures will be taken for a general contract.

Excavating Bids To Be Taken This Week.
OFFICE & STORE BLDG. $120,000 To $450,000
OAKLAND, Alameda Co., Cal., N 5th St. and San Pablo Ave. L-shaped lot
Three or 10-story reinf. conc. class B office and store building (brick and terra cotta facing).
Owner—C. W., Rex W., & Van Midgley American Theatre Co., San Pablo Ave., & 17th St., Oakland.
Architect—Willis C. Lowe, Monadnock Bldg., San Francisco.
Contractor—P. A. Palmer, Monadnock Bldg., San Francisco.

Plans Being Prepared.
STORE & LOFT Cost, $215,000
OAKLAND, Alameda Co., Cal., Downtown District.
Four-story and basement reinforced concrete store and loft bldg., press. brick exterior.
Owner—Withheld.
Architect—C. W. McCall, Central Bank Bldg., Oakland.

LOS ANGELES, Los Angeles Co., Cal.—Archt. John C. Austin, 1125 Baker-Detwiler Bldg., Los Angeles, and Archt. John Parkinson, 420 Title Insurance Bldg., Los Angeles, assoc., have completed plans and are taking bids for erecting an 8-story and basement Class A building on 12th St. extending from Hill St. to Broadway in Los Angeles for the Chamber of Commerce. Bids will be taken separately on the general contract, plumbing, wiring, painting, heating, steel, elevators and marble. There will be stores and an exhibit hall in the first story, lofts and large office spaces in 2nd, 3rd and 4th stories, offices on 5th and 6th floors. The board of education will be located on the 8th floor. Dimensions, 220x222 ft., steel frame constr., brick filled walls, reinf. concr. floors, terra cotta facing, plate glass, 8 elevators, hardwood trim, steam heating, vacuum cleaning, marble and tile work. Bids are to be received on Feb. 20th.

LOS ANGELES, Cal.—Archts. Walker & Eisen, 325 Pac. Finance Bldg., L. A., are preparing plans for a 13-story and basement class A store and office bldg. to be erected at s. e. cor. 8th and Olive Sts., L. A., for Rudolph Rosenberg, of the Oil Mining Equipment Co., and associates. It will be 55x168 ft., steel frame construction, brick filler walls, press. brick and terra cotta facing, plate glass, hardwood finish, rein. conc. fls., marble and tile work, elevators, steam htg., etc.; $250,000.

LOS ANGELES, Cal.—Archt. Hugh R. Davies, Archt. E. J. Baume, Long Beach, assoc., have prepared preliminary drawings for a 10-story base and subbase class A 100x100 ft. reinf. conc. dept. store bldg. to be erected at n.e. cor. 4th St. and American Ave., Long Beach, for J. B. Green. Cost $600,000. It is reported a San Francisco dept. store will occupy the entire bldg.

FAIRFIELD, Solano Co., Cal. — Martha Washington Grocery Stores, Inc., plan erection of store building, 50 by 70 ft. in Texas St. Will contain two stores, 25x70 ft. each. F. H. Westfelt is head of financing department of company.

LONG BEACH, Los Angeles Co., Cal. —W. G. Reed, 204 Brook Bldg., Long Beach, has the general contract to erect a $400,000, six-story Class A steel and concrete department store building on Pine Ave. S of Broadway in Long Beach for Buffum's Department Store. W. Horace Austin, 222 First National Bank Bldg., Long Beach, is the architect. Foundation, base and sub-base, 75x150 ft., terra cotta exterior, marquise, one freight and 3 passenger elevators, steel and marble stairs, fire escapes, spiral delivery system, sprinkler system, smoke tower, children's barber shop, oak and figured gum or Juana Costa interior finish, maple floors throughout, black walnut office paneling, hospital, cork floors and tile wall fur storage vault. The New Way Fixture Co., of Grand Rapids, Mich., has the fixture contract.

SEATTLE, Wash.—Architect Henry Bittman, Securities Bldg., Seattle, taking general contract figures for a 11-story steel and concrete office building to be erected at s. e. First Ave., and Virginia St., for Pacific Warehouse Co., headed by Stephen A. Hull, Seattle representative of S. W. Strauss Co. Will be known as Terminal Sales Building and will cover area of 111 by 90 ft., est. cost $500,000.

FRESNO, Fresno Co., Cal.—A Mattei, owner of the Mattei Bldg., in Fresno, announces he will erect another tall structure at the corner of J and Tuolumne Sts, early this year. Structures on the site will be removed within the next two months when further particulars regarding the project will be available.

LOS ANGELES, Los Angeles Co., Cal. —Architects Curlett & Beelman, 408 Union Bank Bldg., Los Angeles, are preparing plans for a twelve-story and basement Class A office building to be erected at NW corner of 9th and Spring streets for W. M. Garland, 749 S. Spring St. It will be 60x155 ft., steel frame construction, brick walls, reinf. concr. floors, terra cotta and pressed brick facing, plate glass, metal sash, elevators, hardwood trim, steam heating, marble and tile work. P. J. Walker Co., Merchants National Bank Bldg., Los Angeles. Steel work has been let to U. S. Steel Products Co. Estimated cost, $900,000.

THEATRES

Contracts Awarded.
THEATRE Cost, $100,000
SAN FRANCISCO. NW Gesry and 18th Avenue.
Class A theatre and store building (2000 seats.)
Owner—Alex E. and Joseph L. Levin.
Architect—Reid Bros., 105 Montgomery St., San Francisco.
The general contract awarded to G. B. Pasqualetti, 746 Union St., at approximately $71,000.
Steel to Central Iron Works, 2050 Bryant St., at approximately $18,000.

Contract Awarded.
THEATRE Cost, $100,000
SANTA ROSA, Sonoma Co., Cal. B St. n of Cline St.
Class A Theatre 100x170 (1400 seats. $25,000 organ).
Owner—John Grecott and E. Stroboni, Santa Rosa.
Lessee—T. C. Reavis of King-Reavis Amusement Co.
Contractor — Bert Hildebrand, Santa

Official Proposals

MECHANICAL EQUIPMENT BIDS WANTED

NOTICE TO CONTRACTORS

Sealed bids will be received by Geo. B. McDougall, State Architect, Chief, Division of Architecture, Forum Building, Sacramento, California, **up to and including 12 o'clock noon, Tuesday, February 20th, 1923,** said bids then and there to be publicly opened and read, for furnishing all plant, materials and doing the work required for the erection and completion of the MECHANICAL EQUIPMENT FOR THE HOME ECONOMICS BUILDING, AND MANUAL ARTS BUILDING, SAN JOSE STATE TEACHERS COLLEGE, SAN JOSE, CALIF., in accordance with plans and specifications therefor, copies of which may be obtained on appplication to the Division of Architecture, State Department of Public Works, Forum Building, Sacramento, California.

Such bids will be received for all work complete and must be submitted on forms prepared and furnished by said Division of Architecture.

Cash, a bidder's bond, made payable to the State of California, or a certified check made payable to the "State Engineer, Department of Public Works," in the sum of at least ten per centum (10%) of the amount of the bid, must be enclosed with each bid.

A deposit of Twenty-five ($25.00) Dollars will be required on plans and specifications, the deposit to be remitted on the return of plans and specifications to the said Division of Architecture, at Sacramento, California, in good condition.

The Division of Architecture, State Department of Public Works reserves the right to reject any or all bids and waive any informality in any bid received.

The construction work of said Buildings has been placed on a days labor basis and on said basis, the work herein referred to, as a sub-division of said construction, is to be let by contract.

All bids must be addressed to Geo. B. McDougall, State Architect, Chief, Division of Architecture, Forum Building, Sacramento, California, and plainly marked on the envelope: "Proposal for MECHANICAL EQUIPMENT for the HOME ECONOMICS BUILDING AND MANUAL ARTS BUILDING, SAN JOSE STATE TEACHERS COLLEGE, SAN JOSE, CALIFORNIA."

STATE DEPARTMENT OF PUBLIC WORKS, DIVISION OF ARCHITECTURE,

GEO. B. McDOUGALL,
State Architect.
R. M. MORTON,
Director of Public Works.

NOTICE TO CONTRACTORS

Office of the Clerk of the Board of Supervisors, Alameda County, California.

Sealed bids will be received by the Clerk of the Board of Supervisors of Alameda County, at his office, until **10 o'clock A. M. on Monday, March 5th, 1923,** (the day when said bids will be opened for all labor and material and mechanical workmanship required for the completion of that certain contract, entered into on the 10th day of October, 1921, between the County of Alameda and M. C. Vaughan for the erection and partial completion of ward building No. 4, 6, and 8 and connecting corridor for Highland Hospital of Alameda County at 14th Avenue and Vallecito Place, Oakland, California; also certain partition work, etc., in wards 1 and 2 and in service building.

Complete plans and specifications for said work are on file in the office of the County Clerk, open to inspection.

Copies may be obtained by depositing with the County Clerk the sum of $25.00 Dollars. Contractors will be restricted as to the length of time they may retain these plans and specifications to ten (10) days.

> A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.
>
> **Rate:** 10 cents per line, per insertion.
>
> All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

Contractors failing to return said plans and specifications within said time limit will forfeit their deposit to the County of Alameda. The entire amount of the deposit will be returned to contractors returning plans and specifications in good condition within said time limit.

Each bid must be accompanied by a check for at least ten (10) per cent of the amount of the bid or proposal, certified to by some responsible bank, and made payable to Geo. E. Gross, Clerk of the Board, to be forfeited to the County of Alameda, as agreed and liquidated damages should the party or parties to whom the contract shall be awarded fail to enter into the contract after the award or to give the bond required by the Board for the faithful performance of the Contract.

GEO. E. GROSS,
Clerk of the Board of Supervisors of the County of Alameda.
Dated February 5th, 1923.

NOTICE FOR BIDS

(Oroville-Wyandotte Irrigation Dist.)

Oroville, Cal., February 1, 1923.

Sealed proposals will be received at the office of the Board of Directors of the Oroville-Wyandotte Irrigation District at Oroville, California, until **2 o'clock P. M., February 23, 1923,** for the following work: Storage and ditch work near Oroville, including about 20,100 cubic yards of earth excavation, 14,500 cubic yards of soft or loose rock excavation, 11,550 cubic yards of solid rock excavation, 48,300 cubic yards of embankments, 1500 cubic yards of riprap, 132 cubic yards of concrete.

Particulars may be obtained at the offices of Oroville-Wyandotte Irrigation District, Oroville, California.

J. A. WISNER,
Secretary, Oroville-Wyandotte Irrigation District.

BIDS WANTED FOR SHELL HOUSE AND MAGAZINE ADDITIONS

Sealed proposals, indorsed "Proposals for Extensions to Shell House and Magazine, Mare Island, Calif. Specifications No. 4742" will be received at the Bureau of Yards and Docks, Navy Department, Washington, D. C., until 11 o'clock a. m., February 28, 1923, and there publicly opened, for one-story extensions to shell house and to magazine at the Navy Yard (Ammunition Depot), Mare Island, Calif. Each will have concrete foundations on timber piles, steel columns and trusses, hollow-tile walls with exterior stucco, wood-finish flooring and concrete fill on reinforced concrete floor base, exterior reinforced concrete platform, asbestos shingle roofing on wood deck, and a lightning protection system. Drawings and Specifications No. 4742 may be obtained on application to the Bureau or to the Commandant, Navy Yard, Mare Island, Calif. Deposit of a check or postal money order for $10 payable to the Chief of the Bureau of Yards and Docks, is required as security for the safe return of the drawings and specifications. L. E. Gregory, Chief of Bureau, January 4, 1923.

QUANTITY SURVEYOR
and Valuation Engineer
Buildings and Engineering Works
ARTHUR PRIDDLE
693 Mission Street, at Third St.
San Francisco, Calif.
Telephone Douglas 8-4-9-3

NOTICE TO BIDDERS

(Auditorium Chairs)

Notice is hereby given that sealed bids will be received by the clerk of the Fairmead school district, at his office in Fairmead, California, on or before **12 o'clock, noon, on Wednesday, February 21, 1923,** for furnishing and installing 300 used auditorium chairs, as per sample in possession of the clerk, or their equivalent.

The Board reserves the right to reject any or all bids.

BOARD OF TRUSTEES OF FAIRMEAD SCHOOL DISTRICT.
By J. C. ARNOTT, Clerk.
Fairmead, California, February 6, 1923.

DATE OF OPENING U. S. POST OFFICE BIDS POSTPONED

NOTICE TO CONTRACTORS

TREASURY DEPARTMENT, Office of the Supervising Architect, February 1, 1923—NOTICE is hereby given that bids will be opened in this office at 3 P. M., March 1, 1923, for the construction of the United States Post Office and Custom House at Nogales, Arizona, instead of at 3 P. M., Feb. 19, 1923, as originally advertised. JAS A. WETMORE, Acting Supervising Architect.

BIDS WANTED FOR HOME ECONOMICS BUILDING AND MANUAL ARTS BUILDING

NOTICE TO CONTRACTORS

Sealed bids will be received by Geo. B. McDougall, State Architect, Chief, Division of Architecture, Forum Building, Sacramento, California, **up to and including 12 o'clock noon, Tuesday, February 20th, 1923,** said bids then and there to be publicly opened and read, for furnishing all plant, materials and doing the work required for the erection and completion of Home Economics Building, and Manual Arts Building, San Jose State Teachers College, San Jose, California, in accordance with plans and specifications therefor, copies of which may be obtained on application to the Division of Architecture, State Department of Public Works, Forum Building, Sacramento, California.

Such bids will be received for all work complete and must be submitted on forms prepared and furnished by said Division of Architecture.

Cash, a bidder's bond, made payable to the State of California, or a certified check made payable to the "State Engineer, Department of Public Works," in the sum of at leat ten per centum (10%) of the amount of the bid, must be enclosed with each bid.

A deposit of Twenty-five ($25.00) Dollars will be required on plans and specifications, the deposit to be remitted on the return of plans and specifications to the said Division of Architecture, at Sacramento, California, in good condition.

The Division of Architecture, State Department of Public Works reserves the right to reject any or all bids and

waive any informality in any bid received.

The construction work of said Buildings has been placed on a days labor basis and on said basis, the work herein referred to, as a sub-division of said construction, is to be let by contract.

All bids must be addressed to Geo. B. McDougall, State Architect, Chief, Division of Architecture, Forum Building, Sacramento, California, and plainly marked on the envelope: "Proposal for HOME ECONOMICS BUILDING AND MANUAL ARTS BUILDING, SAN JOSE STATE TEACHERS COLLEGE, SAN JOSE, California."

STATE DEPARTMENT OF PUBLIC WORKS, DIVISION OF ARCHITECTURE,

GEO. B. McDOUGALL,
State Architect.
R. M. MORTON,
Director of Public Works.

NOTICE TO CONTRACTORS FIGURING ON THE MECHANICAL EQUIPMENT FOR THE HOME ECONOMICS BUILDING AND MANUAL ARTS BUILDING SAN JOSE STATE TEACHERS COLLEGE

NOTICE is hereby given that the opening of the BIDS for the MECHANICAL EQUIPMENT, for the HOME ECONOMICS BUILDING & MANUAL ARTS BUILDING for the SAN JOSE STATE TEACHERS COLLECE will be postponed **from 12 o'clock noon, Tuesday, Febrnary 20th, 1923, to TUESDAY, FEBRUARY 27th, 1923, at 12 o'clock, noon.**

Except as to the date of opening of bids, the conditions of the advertisements on the above named work, remain unchanged.

STATE DEPARTMENT OF PUBLIC WORKS,

GEO. B. McDOUGALL,
State Architect.
R. M. MORTON,
Director of Public Works.

NOTICE TO CONTRACTORS FIGURING ON THE HOME ECONOMICS BUILDING AND MANUAL ARTS BUILDING SAN JOSE STATE TEACHERS COLLEGE

NOTICE is hereby given that the opening of the BIDS for the HOME ECONOMICS BUILDING AND MANUAL ARTS BUILDING for the SAN JOSE STATE TEACHERS COLLEGE will be postponed **from 12 o'clock noon, Tuesday, February 20th, 1923, to TUESDAY, FEBRUARY 27, 1923, at 12 o'clock, noon.**

Except as to the date of opening of bids, the conditions of the advertisements on the above named work, remain unchanged.

STATE DEPARTMENT OF PUBLIC WORKS,

GEO. B. McDOUGALL,
State Architect.
R. M. MORTON,
Director of Public Works.

BIDS WANTED FOR NEW MAILING VESTIBULE IN P. O.

NOTICE TO CONTRACTORS

TREASURY DEPARTMENT, Supervising Architect's Office, Washington, D. C., January 31, 1923.

SEALED PROPOSALS will be received at this office until 3 p. m., February 28, 1923, and then opened for a new mailing vestibule at the United States Post Office, Winnemucca, Nevada, in accordance with the specifications and drawings mentioned therein, copies of which may be had at the office of the Custodian, in the discretion of the Supervising Architect. Jas. A. Wetmore, Acting Supervising Architect.

BIDS WANTED FOR HIGH SCHOOL

NOTICE TO CONTRACTORS

Notice is hereby given that sealed bids will be received and opened by the Board of Trustees of the Mountain View Union High School District, Santa Clara County, State of California, in the present High School building **at 8:00 p. m., Saturday, the 24th day of February, 1923,** for the erection and completion of a High School Building in the City of Mountain View, State of California, in accordance with plans and specifications made for the same by W. H. Weeks, the authorized architect, employed by the Board.

Segregated bids will be received on the work as follows:

1. Excavating, grading, and concrete work.
2. Iron and steel.
3. Composition floor work.
4. Terrazzo work.
5. Tile work.
6. Mason work.
7. Carpenter work.
8. Blackboards.
9. Glass and glazing.
10. Finish hardware.
11. Lathing and plastering.
12. Composition roofing.
13. Terra cotta tile roofing.
14. Special fixtures and furniture.
15. Cafeteria kitchen equipment.
16. Window shades.
17. Cork carpet and linoleum.
18. Steel lockers.
19. Electric work.
20. Plumbing.
21. Sheet metal.
22. Painting.
23. Heating and ventilating.

Plans and specifications may be seen at the office of the architect, W. H. Weeks, 369 Pine Street, San Francisco, California; or at the office of the Clerk of the Board of Trustees, in the City of Mountain View.

All bids should be presented on bid forms furnished by the architect. Each bid must be accompanied by certified check on some responsible California bank in the sum of not less than five per cent (5%) of the amount of the bid, made payable to B. W. Folk, Clerk of Board of Trustees of the Mountain View Union High School District, for the purpose stated in the specifications.

Each bid must be enclosed in a sealed envelope and addressed to B. W. Folk, Clerk of the Board of Trustees and endorsed: "Proposal for High School Building." The Board reserves the right to reject any and all bids.

Bids must be delivered to the undersigned Clerk of the Board at the present High School Building in the said city of Mountain View, at the time and place above stated, or any time up to the hour of opening of said bids.

B. W. FOLK,
Clerk of the Board of Trustees of the Mountain View Union High School District, Mountain View, Santa Clara County, California.

Published Feb. 2, 9, 16, 23, 1923.

BIDS WANTED FOR GATEWAY

NOTICE TO CONTRACTORS

TREASURY DEPARTMENT, Office of the Supervising Architect, Washington, D. C., Jan. 23, 1923—SEALED PROPOSALS will be opened in this office at 2 P. M., Feb. 20, 1923, for the construction of a gateway at the United States Veterans Hospital No. 24 at Palo Alto, Cal. Drawings and specifications may be obtained from the Superintendent of Construction at the building or at this office, in the discretion of the Supervising Architect. JAS. A. WETMORE, Acting Supervising Architect.

BIDS WANTED FOR BANK AND OFFICE BUILDING

(Four-Story Class "C", Estimated Cost $175,000)

NOTICE TO CONTRACTORS

NOTICE is hereby given that the undersigned will receive, up to the hour of 2 o'clock p. m., **Thursday, March 1 1923,** sealed bids for the construction of the First National Bank and Office Building, Chico, California. Bids shall be accompanied by certified check or cash to the amount of 5 per cent of bid, as provided for in specifications. Plans, specifications and bid forms may be seen at the architect's office.

(signed) CHESTER COLE,
Architect.
Room 214, Waterland-Breslauer Building, Chico, Calif.

More than six hundred new homes will be erected in Marysville, Yuba City and vicinity during the year 1923, according to L. A. Williams, president of the Marysville Builders' Exchange. Williams bases his estimate on the number of structures now under construction, those for which bids are being asked and those for which plans are being made.

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BRIDGES, DAMS & HARBOR WORK

SANTA ANA, Cal.—Until 11 a. m., Feb. 20, bids will be rec. by supervisors to const. bridge having 11 30-ft. spans on concr. piles and one 55-ft. plate girder, on the coast highway over Anaheim Bay, second road dist., Orange Co. Cert. chk of bond 5%. Plans obtainable from Co. Rd. Comm., J. L. McBride, deposit of $15. J. M. Backs, Clerk.

SALEM, Ore.—State Highway Comm. has submitted plans to Marion County Court to reconst. bridge over Pudding river at Aurora; span will be 120 ft. long with conc. approaches; est. cost $19,000 to be borne equally by Marion and Clackamas counties. W. J. Culver, Marion county road master.

OLYMPIA, Wash. — Long-Bell Lumber Co. has applied to State Supervisor of Hydraulics for permit to appropriate water from north and south forks of Globe river under a construction program involv. an expenditure of $663,445 incl. const. of 2 dams, one 90 ft. and another 80 ft. Water is to supply city of Longview as well as the lumber mill.

MARTINEZ, Contra Costa Co., Cal.—City trustees petitioned to construct a bridge over Alhambra Creek at Escobar St. Plans for such a structure were prepared by former city eng. W. S. Farley, which placed cost at $15,000. Petition referred to finance committee for report. Ben Greene, city eng.

MARTINEZ, Contra Costa Co., Cal.—County Surv. R. R. Arnold preparing spec. for new deck on the Buchanan bridge bet. Lafayette and Walnut creek.

SAN FRANCISCO—Until Feb. 15, 11 a. m., bids will be rec. by State Board of Commissioners, Frank G. White, chief engineer, Ferry Bldg., to const. extension to Pier No. 42. Materials will consist of creosoted piles and cement (to be furnished by Harbor Comm.), green piles, Douglas fir lumber, r. w. lumber, Port Oxford cedar lumber, concrete aggregate, reinf. materials, castings, struc. steel, galv. iron, rods, bolts, spikes, ties, roofing materials, paint materials, glass etc. Steel rails and fittings incl., rail spikes will be furnished and laid by Harbor Comm. Cert. check 5% payable to Hilda Gohrman, secy. of Board required with each bid. Plans available from office of chief engineer, Room 15, Ferry Bldg., San Francisco, on deposit of $10, returnable.

BLYTHE, Cal.—A bill is being drafted for immediate presentation in the state legislature to provide $100,000 for a bridge across the Colorado river at Ehrenburg. The appropriation is contingent upon the appropriation of a similar amount by the Arizona legislature.

PALO ALTO, Santa Clara Co., Cal.—City council has voted to develop harbor facilities on the Mayfield slough at the end of the Embarcadero road where city owns 42-acre site. J. F. Byxbee, Jr., city engineer, has prepared the following estimates of cost in connection with the project: roadway on levee to landing, $5350; timber quay wall, 500 ft. long, $8211; dredging channels, $1600; grading and gravelling landing, $2750; warehouse, $5400. Total cost, $23,311.

MARYSVILLE, Yuba Co., Cal.—Eng. Dept. of Southern Pacific Co., completing spec. to raise and lengthen trestle over Dry Creek, bet. Marysville and Wheatland to relieve flooding of state highway. Proposed to raise trestle 1 ft. and extend it for a distance of 60 ft. Work will be done by company crews.

SAN LUIS OBISPO, Cal.—Until Feb. 19, 7:30 P. M., bids will be rec. by Callie M. John, City Clerk, to const. (under Plan 1) rein. conc. bridge over San Luis Obispo creek in Morro St. and (under Plan 2) separate bids to const. same structure with approach sidewalks of rein. conc. Cert. check 5% payable to Mayor req. Spec. obtainable from Warren Burch, City Eng., Lowe Bldg., on deposit of $5.

FRESNO, Fresno Co., Cal.—Due to protests of property owners and residents, county supervisors have returned bids, un-opened, to reconstruct the Kellogg bridge in Mt. Whitney Ave. Plans will probably be revised and new bids asked. Chris. P. Jensen, Cory Bldg. county surv.

YUBA CITY, Sutter Co., Cal. — Eng. Erle L. Cope, 58 Sutter St., San Francisco, in report to supervisors estimates cost of proposed causeway to connect new Feather river at Nicolaus with west levee of the river at $188,000; previous estimates placed cost of work at $175,000. Increased cost is due to requirement of State Reclamation Board that trestle be of span 40 ft. long requiring heavier concrete and steel construction. Causeway will be 220 ft. long, resting on conc. piles and of the same type as the yolo causeway.

MARTINEZ, Contra Costa Co., Cal.—A franchise to construct a bridge over the Carquinez Straits has been granted by the Contra Costa County supervisors to the Rodejo-Vallejo Ferry Co., which company maintains offices at the foot of Hyde St., San Francisco. Plans of the company have received the approval of the State Engineer and construction will be started as soon as the approval of the War Department is received. Tentative plans contemplate a structure of the suspension type with span 1950 ft. long or for a central pier type with two spans each 1110 ft. in length.

MERCED, Merced Co., Cal.—Roy Kruger, Gustine, Calif., at $3350 awarded contract by supervisors to const. reinf. conc. bridge on Warren and Ingomar road over canal, in Rd. Dist. 4. Other bids were: C. W. Woods Co., Los Banos, $3450; Merced Concrete Pipe Co., Merced, $4057; Security Bridge and Const. Co., Ogden, Utah, $4950.

WASHINGTON, D. C.—The Army Appropriation Bill, soon to be passed by the Senate, will provide $499,900 "for prosecuting work of flood control" on the Sacramento River. The bill has passed the house and the Sacramento provision haa been agreed to by the Senate.

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UKIAH, Mendocino Co., Cal. — City trustees in immediate future will order plans prepared for bridge over Orr creek; est. cost $15,000.

IRRIGATION PROJECTS

CALIFORNIA — Following applications filed during month of January, 1923, with State Department of Public Works, Division of Water Rights, for permit to appropriate water:

Applications

App. 3211 (Mono Co.) City of Los Angeles, L. A. Co., for 200 cu. ft. per sec. and 10,000 ac. ft. per annum from Silver Lake, Leevining and five other creeks, to be diverted in Mono County, for municipal purposes in the City of Los Angeles. Conduit and tunnels to be 24 miles in length. Est. cost $6,000,000

App. 3212 (Mono Co.) City of Los Angeles, for 200 cu. ft. per sec. and 10,000 ac. ft. per annum from Silver Lake, Leevening and five other creeks, to be diverted in Mono County, for power purposes. Conduit and tunnel lines to be 24 miles in length. Est. cost $6,000,000.

App 3213 (San Joaquin Co.) Mr. John Clements et al, Clements, Cal., for 8.75 cu. ft. per sec. from Mokelumne River for agricultural purposes to irrigate 700 acres. Est. cost $25,000.

App. 3214 (Modoc Co.) Emery E. Cole, Lake City, Cal., for 1 cu. ft. per sec. from East Fork Soldier Creek, for agricultural purposes to irrigate 80 acres.

App. 3216 (Inyo Co.) J. A. Waltman, Oildale, Cal., for 5 cu. ft. per sec. from Tuber Canyon, for irrigation and domestic purposes. Est. length of pipe line 40 miles terminating near Ballart.

App. 3217 (Modoc Co.) J. H. and L. B. Meredith, Willow Ranch, Modoc Co., for 1.25 cu. ft. per sec. from Bonner Ravine, for agricultural purposes to irrigate 100 acres. Est. cost $1000.

App. 3219 (Riverside Co.) Chas. C. Branch et al, Prado, Cal., for 0.29 cu. ft. per sec. from spring, for agricultural purposes, to irrigate 23.20 acres. Est. cost $1000.

App. 3221 (Santa Barbara Co.) C. K. Billings, Santa Barbara, Cal., for .01 cu. ft. er sec. from springs, for domestic purposes. Est. cost $1174.

App 3223 (Inyo Co.) H. M. Thurman, Randsburg, Cal., for 1 cu. ft. per sec. from Jail Canyon Creek, for power purposes. Proposes to develop 100 t. h. p. to be used for mining purposes in Sec. 15. Est. cost $10,000.

App 3227 (Solano Co.) Town of Suisun City, Suisun, Cal., for 600 cu. ft. per sec. from unnamed canyons, for municipal purposes to supply the city of Suisun and part of Fairfield.

App. 3228 (Inyo Co.) J. A. Waltman, Oildale, Cal., for 2 cu. ft. per sec. from Happy Canyon, for mining purposes. Proposes 8 mile pipeline terminating near Ballarat.

App. 3231 (Eldorado Co.) E. D. N. Lehe, Al Tahoe, Cal., for 25 cu. ft. per sec. from Cold Creek, for power purposes. Proposes to generate 100 t. h. p. for light, heat and power at Al Tahoe and vicinity. Est. cost $10,000.

App. 3232 (Lassen Co.) Homer C. Jack, Bieber, Cal., for 28½ cu. ft. per sec. and 7000 ac. ft. per annum from (1) Packwood Flat, (2) Windmill Flat and Juniper Creek, for agricultural purposes to irrigate 4000 acres. Natural channel to be 18 miles long.

App 3233 (Santa Barbara Co.) Montecito Water District, Montecito, Cal., for 10 cu. ft per sec. and 15,000 ac. ft. per annum from Santa Ynez River and tributaries for domestic and agricultural purposes. Proposes to irrigate 5000 acres in above district. First bond issue $850,000. Balance of system not yet estimated.

App. 3234 (Riverside Co.) E. O. Eggon trustee for proposed Hemet Irrigation District, Hemet, Cal., for 40 cu. ft. per sec. and 10,000 ac. ft. per annum from North Fork and Indian Creek, tributary to San Jacinto River, for agricultural and domestic purposes. Proposes

to irrigate 12,000 acres in Fairview Land and Water Co'a. system, Lake Hemet Water Co's. system, Fruitvale Mutual Water Co's. system and adjacent lands.

App. 3235 (San Diego Co.) City of San Diego, San Diego Cal. for 106,000 ac. ft. per annum from Cottonwood River, for municipal purposes to supply San Diego, East San Diego and Coronado Main conduit to be approx. 52½ miles. Est. cost $1,625,000.

App. 3236 (San Diego Co.) City of San Diego, San Diego, Cal., for 178,000 ac. ft. per annum from Cottonwood River, for municipal purposes to supply City of San Diego, East San Diego and Coronado. Pipe line to be about 31½ miles in length. Est. cost from $3,000,000 to $5,000,000.

App. 3237 (San Diego Co.) City of San Diego, San Diego, Cal., for $125,000 ac. ft. per annum from Cottonwood River, for municipal purposes to supply San Diego, East San Diego, and Coronado. Pipe line to be 44 miles in length. Est. cost $3,365,000.

App 3238 (Yuba Co.) Los Vergels Land and Water Co., San Francisco, Cal., for 30 cu. ft. per sec. and 8600 ac. ft. per annum from Dry Creek, tributary to Yuba river, for agricultural purposes to irrigate 6360 aces. Proposed canals to be 15 miles in length. Est. cost $125,000.

App. 3239 (Butte Co.) Walter S. McLean, San Francisco, Cal., for 0.025 cu. ft. per sec. from a spring tributary to Feather River, for domestic purposes near point of diversion.

App. 3240 (Butte Co.) Walter S. McLean, San Francisco, Cal., for 2 cu. ft. per sec. from a spring tributary to Feather River, for power purposes.

App. 3242 (Shasta Co.) W. M. Phillips, San Francisco, Cal., for 20,000 cu. ft. per sec. and 2,900,000 ac. ft. per annum from Sacramento river, for power purposes. Proposes to generate electric energy. Est. cost $40,000,000.

App. 3244 (Shasta Co.) A. F. Haley, Round Mountain, Cal., for 2 cu. ft. per sec. from Montgomery Creek, for agricultural purposes to irrigate 160 acres Est. cost $3000.

Permits

Following permits were issued during month of January, 1923, by Division of Water Rights, to appropriate water:

Permit 1267 (Plumas Co.) Oroville-Wyandotte Irrigation District, Oroville, Cal., for 200 cu. ft. per sec. and 109,012 ac. ft. per annum from South Fork of Feather River for irrigation of 31,463 acres in & adjacent to Oroville-Wyandotte Irrigation District. Est. cost $1,045,440.

Permit 1268 (Butte Co.) Oroville-Wyandotte Irrigation District, Oroville, Cal., for 45,000 ac. ft. from Lost Creek, for 31,463 acres in and adjacent to Oroville-Wyandotte Irrigation District. Est. cost $844,686.

Permit 1269 (Yuba Co.) Oroville-Wyandotte Irrigation District, Oroville, Cal., for 5000 ac. ft. from New York Flat, for irrigation of 31,463 acres in and adjacent to Oroville-Wyandotte Irrigation District. Est. cost $2,177,006.

Permit 1270 (Yuba Co.) Oroville-Wyandotte Irrigation District, Oroville, Cal., for 150 cu. ft. per sec. from Dry Creek, for irrigation of 31,463 acres in and adjacent to Oroville-Wyandotte Irrigation District. Est. cost $6000.

Permit 1271 (Butte Co.) Oroville-Wyandotte Irrigation District, Oroville, Cal., for 188 cu. ft. per sec. from Lost Creek, for irrigation of 31,463 acres in and adjacent to Oroville-Wyandotte Irrigation district. Est. cost $299,016.

Permit 1272 (Los Angeles Co.) Earl G. Ulrich, Tujunga, Cal., for .17 cu. ft. per sec. from Pina Canyon for irrigation of 25 acres. Est. cost $1000.

Permit 1274 (Ventura Co.) Fred Foley, Pattiway, for .25 cu. ft. per sec. from Palata Creek for irrigation of 20 acres. Est. cost $200.

Permit 1275 (San Bernardino Co.) San Gorgonio Power Co., Security Bldg., L. A., Cal., 16 cu. ft. per sec. from Whitewater River, for power purposes. Proposes to develop 4914 t. h. p. Est. cost, $298,953.

Permit 1276 (Santa Barbara Co.) Diamond R. D. Co., Santa Barbara, Cal, for 1.00 cu. ft. per. sec. from Santa Ynez River, for irrigation of 80 acres. Est. cost $10,000.

Permit 1277 (Inyo Co) City of Los Angeles, Los Angeles, for 10 cu. ft. per sec from Hogback Creek, for municipal purposes in City of Los Angeles. Est. cost $5500.

Permit 1278 (Tehama Co.) Wm. Baymiller, Gerber, Cal., for 80 cu. ft. per sec. from subterranean waters, wells and pumping plants, for irrigation of 7560.55 acres near point of diversion. Est. cost $461,620.20.

Permit 1281 (Shasta Co.) Bella Vista Mutual Water Co., Bella Vista, Cal., for 25 cu. ft. per sec. from Montgomery Creek, for irrigation of 2040 acres. Est. cost $10,000.

Permit 1282 (Contra Costa Co.) Town of Antioch, Antioch, Cal., for 1.05 cu. ft. per sec. and 1100 ac. ft. per annum from Sand Creek and unnamed stream for municipal purposes in City of Antioch. Est. cost, $60,000.

Permit 1287 (Ventura Co.) Rollin Brown, Stauffer, Cal., for .56 cu. ft. per sec. from San Guillerme, for irrigation of 45 acres. Est. cost $1000.

Permit 1288 (Modoc Co.) H. Stuber, Alturas, Cal., for 50,000 ac. ft. per annum from Big Sage drainage area, for irrigation of 9600 acres. Est. cost, $92,500.

Permit 1290 (San Bernardino Co.) R. N. Peters, Victorville, Cal., for 2 cu. ft. per sec. from Crystal Creek, for irrigation of 300 acres.

Permit 1291 (Tehama Co.) Finnell Land Co., 901 Insurance Exchange Bldg. San Francisco, Cal., for 18.75 cu. ft. per sec. from Sacramento River for irrigation of 1500 acres. Est. cost, $1000.

Permit 1292 (Yuba Co.) Ellen M. H. Lewis, 496 Cottage St., Oakland, Cal. for 3.85 cu. ft. per sec from Feather River, for irrigation of 308.36 acres in Rubel and Gianelli Tracts.

Permit 1293 (Trinity Co.) Edward J. Hostetter, Big Bend, Cal., for 3.00 cu. ft. per sec. from Sailor Creek, for mining purposes. Est. cost $2500.

H. A. Kluegel is Chief of the Division of Water Rights.

WATSONVILLE, Santa Cruz Co., Cal. —Materials at being assembled here by the West Coast Dredging Co., of Antioch (R. P. Easley), which has contract to reclaim approx. 318 acres of land for the College Lake Drainage and Reclamation District.

OROVILEE, Butte Co., Cal.—Bids have been ordered rec. by Oroville-Wyandotte Irrigation District (to be opened probably Feb. 23) to construct impounding dam and regulating reservoir on North Honcut creek to provide additional water for district. Bonds of $700,000 were recently authorized for this work. S. J. Norris, Oroville, Eng. for District.

MODESTO, Stanislaus Co., Cal. — State Senator Dennett, of Modesto, has introduced a bill in legislature to provide an irrigation district comprising all of the 1,000,000 acres dependent upon the San Joaquin river. The act is said to be necessary on account of delays attending the execution of provisions of the water storage act.

OROVILLE, Butte Co., Cal.—As previously reported, bids will be rec. by J. A. Wisner, secy. Oroville-Wyandotte Irrigation Dist. to const. storage and ditch work, involv. 20,100 cu. yds. earth excav.; 14,500 cu. yds. soft or loose rock excav.; 11,500 cu. yds. solid rock excav.; 48,300 cu. yds. embank.; 1500 cu. yds. rip-rap and 132 cu. yds. conc. S. J. Norris, Oroville, eng. for dist. **See call for bids under official proposal section in this issue.**

HOLLISTER, San Benito Co., Cal.—Petitions presented county supervisors seeking preliminary survey for proposed Hollister Irrigation District District Attorney will check petitions to verify signatures and valuation of lands.

LIGHTING SYSTEMS

LONG BEACH, Cal. — Council declares inten. to const. ornam. lighting systems in the following streets: Anaheim St., bet. Temple and Loma Aves. and in Pine Ave., bet. Ocean Blvd. and 14th St. 1911 Street Lighting Act. H. C. Waughop, city clerk.

LONG BEACH, Cal.—Council declares inten. to const. lighting system in Anaheim St., bet. Temple and Loma Aves., involv standards, wires, conduits, lamps etc. Posts to be in accordance with Am. Cem. Prod. Co's. patents. 1911 Act

Intem. declared to const. lighting system in Pine Ave., bet. Ocean Blvd. and 14th St., South, involv. standards, wires, conduits, lamps, etc. Posts to be in accordance with Am. Cem. Prod. Co's. patents. 1911 Act. H. C. Waughop, clk.

PASADENA, Cal. — W. A. McNally, 100 W Colorado St., awarded the contract at $11,536 to const. electric lighting system on Madison Ave. Other bids were: H. H. Walker, $12,869; So. Cal. Elec. Co., $13,333; Paulson Const. Co. $13,481; C. W. Sparks, $13,552.48; D. S McEwan, $14,329.

W. A. McNally, 100 W Colorado St., awarded the contract at $2675 for electric lighting system on Colorado St. Other bids were H. H. Walker, $3942; C. W. Sparks, $3997.75; So. Cal. Electric Co., $4111; Paulson Constr. Co., $4183; D. S. McEwan, $4625.

LOS ANGELES, Cal. — City council adopts ordinances ordering const. of lighting posts and equipment complete in the following streets: Washington St., bet. Main St. and Vermont Ave.; Pacific Ave., bet. 14th St. and Hamilton Ave., San Pedro; Fourteenth St. bet Beacon St. and Pacific Ave., San Pedro; Pacific Ave, bet. Oliver St. and Third St., San Peuro; Seventh St., bet. Pacific Ave. and Gaffey St., San Pedro. All work under 1911 Street Lighting Act.

SANTA MONICA, Cal.—Until 10 a. m. Feb. 16 bids will be rec. by city council to const. ornam. lighting system, involv approx. 200 reinf. conc. lighting posts, with wires, pipes, conduits, globes, lamps, conc. foundation, along both sides Santa Monica Blvd., bet. Ocean Ave. and n. e. city limits, and along both sides of Third St., bet. Santa Monica Blvd. and Arizona Ave. 1911 Act. John A. Norton, city engr.

LOS ANGELES, Cal.—Bids rec. by superviaors for const. ornam. lighting system on Santa Monica Blvd., in Sherman lighting dist., consisting of 57 standards, with underground conduits, etc., on three types, viz: (1) Marbelite No. 500, (2) Marbelite No. 1100, and (3) Union metal copper clad standards. were as follows: So. Cal. Elec. Co., (1) $7333, (2) $9666, (3) $9999; Paulson Constr. Co., (1) $6877, (2) $9116, (3) $9039; D. S McEwan Elec. Co., (1) $6875, (2) $9375, (3) $9974; C. W. Sparks (1) $7547.10, (2) $9418.40, (3) $9750.50; H. H. Walker, (1) $7205, (2) $9716, (3) $10,358; A. C. Rice, (1) $6159, (2) $8118, (3) $10,252.

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SAN MATEO, San Mateo Co., Cal.—City Eng. G. S. Whitehead preparing Spec. to extend electroller system in B St., as far as 9th Ave.

MACHINERY

LOS ANGELES, Cal.—Until 3 P. M., Feb. 20, bids will be rec. by public service commission, 207 S. Bdwy., for 880 pcs. 12-in. Class "B" standard dipped bell and spigot cast iron water pipe in 12-ft. lengths, at Aqua Siding, Los Angeles; also 570 pcs. of same at Enterprise St. Yard, Los Angeles. Spec. No. 644-A.

Until 3 P. M., Feb. 23, bids will be rec. by same office for riveted sheet metal pipe and fittings. Spec. No. 646. Jas. P. Vroman, secy.

SEATTLE, Wash.—Until Feb. 19, 11 A. M., bids will be rec. by Alaskan Engineering Commission, under Circular No. 600, for fur. and del. valve Oil, Paint, Linseed Oil, Repairs for steam shovels and locomotive cranes and turbine cleaner, Car Wheels, Jacks, Steel Cable, Valves, Babbitt Metal, Packing, Hose, Brass Screws, Sheet Steel, Mild Steel Bars and miscellaneous hardware.

LOS ANGELES, Cal.—Western Pipe & Steel Co., 1758 N Spring St., awarded contr by public service commission at $46.75 per 100 ft. for 10,000 ft. riveted sheet steel pipe.

LOS ANGELES, Cal.—Until 3 P. M., Feb. 16, bids will be rec. by public service commission, 207 S. Bdwy., for insulated wire and cable. Spec. No. P-303. Jas. P. Vroman, secy.

LOS ANGELES, Cal.—Until 3 P. M., Feb. 16, bids will be rec. by public service commission, 207 S. Bdwy., for storage batteries under Spec. P-301. Jas. P. Vroman, secy.

CHICO, Butte Co., Cal.—Following bids taken under advisement by Board of Education to fur. and install woodworking machinery, incl., saw bench, surfacer, glue joiner, grinding machine, speed lathe and sander for high school shops: Fay-Egan Co., $3,888; Herberts Machinery & Supply Co., $2,030; Western Manning, Maxwell & Moore, $2,082; Eby Machine Co., $2,412; Harron, Rickard & McCone, $2,437.

For automobile mechanics machinery, incl., two lathes, speed drill press, a drill press, motor hack saw, emery, twenty-ton press, air compressor, crane, motor stand, portable jack, exycetelyn tank, hand drill, motor generator and other supplies and tools, following bids were received: Herbert Machinery Co., $5,896; Western Manning, Maxwell & Moore, $2,891; Waterhouse & Lester, $3,400; C. F. Burloth Machine Tool Co., $4,143; Berger & Carter, $4,486; Harron, Rickard & McCone, $5,849; Eccles & Smith Co., $6,262; American Wood Working Machine Co., $3,422; F. O. Stollman Supply Co., $3,820.

LOS ANGELES, Cal.—L. A. Electric Works, Los Angeles, submitted only bid to public service commission at $2350 for furnishing one synchronous motor.

LOS ANGELES, Cal.—Until 3 P. M., Mar. 9, bids will be rec. by public service commission, 207 S. Bdwy., for distribution and small power transformers. Spec. P-309. Jas. P. Vroman, secy.

PUYALLUP, Wash.—U. S. Cast Iron Pipe and Foundry Co., Seattle, at $[illegible]2.72 awarded contract by council for fur. approx. 7000 ft. mixed 6, 7 and 8-in. pipe for water system and to R. C. Polk Co., Tacoma, at $4050 for 8000 ft. 4-in. pipe.

ABERDEEN, Wash.—Colby Steel and Engineering Co., at $26,400 awarded contract by Port of Grays Harbor for fur. a second loading crane. Grays Harbor Construction Co., at $40,000 awarded contract to construct landward 300 ft. extension of the port wharf. Western Railway and Supply Co., at $2477 awarded contract for fur. 40 tons steel rails for dock extension.

SACRAMENTO, Cal.—Board of Education will purchase manual training equipment for each of the larger elementary schools. Tentative plans have been approved for the purchase of equipment for the El Dorado, Coloma and Donner Schools. Chas. C. Hughes is city supt. of schools.

SANTA ANA, Cal.—Edward Dahl, city street supt. recommends purchase of asphaltum heater for resurfacing city streets.

HANFORD, Kings Co., Cal.—Hanford Laundry Co., 217 W 7th St., will purchase new equipment for present plant. Freeman Richardson, 211 W Porter St., Hanford, is manager.

SAN JOSE, Santa Clara Co., Cal. — Until Feb. 19, 11 a. m., bids will be rec. by Harry A. Pfister, county clerk, for furnishing lumber to Sup. Dist. No. 4: 484 pcs. 6x6-ft. long r. w. posts; 484 pcs. 2x6 by 16-ft. long O. P. surfaced on 4 sides, first class merchantable. Cert. check 10% payable to clerk required with each bid. Forms for bidding obtainable from clerk.

WASHINGTON, D. C.—Until Feb. 19, 2 p. m., bids will be received by Dept. of the Interior for fur. 2 three-stage air compressors with 60 cycle, 440 volts, 3 phase A. C. motor drive, each compressor being capable of compressing 5800 cu. ft. of nitrogen per hour from atmospheric pressure and temperature to a pressure of 600 pounds per square inch; also spares as indicated to be furnished. This equipment is to be delivered f. o. b. U. S. helium plant, North Fort Worth, Tex.

ORANGE, Cal.—Southern California Edison Co. lets contract to Cal. Wire Co., Orange, for 2,000,000 lbs. of wire and cable, totaling $400,000. The L. A. Ry. Co. has placed an order with the same firm for $40,000. The latter consists of 1½-in. transmission cable.

WILLITS, Mendocino Co., Cal.—National Conduit and Cable Co., 639 Mission St., San Francisco, awarded contract by Central Mendocino County Power Co., for fur. 20,000 lbs. No. 6 copper wire to be used in const. electric transmission line connecting Willits with the line of the Snow Mountain Water & Power Co., at Potter Valley. Balance of the work has been awarded to H. S. Tittle, electrical engineers, 766 Folsom St., San Francisco. The Central Mendocino County Power Co. will shortly let contracts for a pipe line from Dutch Flat to Willits.

MONTEREY PARK, Cal.—Until 8 p. m., Feb. 19, bids will be rec. by City Clk. Arthur W. Langley for 1 deep well turbine, pump and motor; 1 horizontal centrifugal booster pump and motor; 2 compensators and other equipment including alternates. Spec. on file at office of Olmsted & Gillelen, 1112 Hollingsworth Bldg., L. A.

TERRA BELLA, Tulare Co., Cal. — Western Pipe and Steel Co., 444 Market St., San Francisco, at $530.50 (bid irregular) awarded cont. by Terra Bella Irrigation Dist. to fur. well casings. Other bids (both irregular) were: Montague Pipe and Steel Co., San Francisco, $529.55; Consolidated Pipe Co., Bakersfield, $530.50. Bids were taken for 300 ft. 10-in., 300 ft. 12-in., 300 ft. 14-in., and 300 ft. 16-in. double No. 14 gage well casing, with 2 starter sections with shoe ¾-in. by 8-in., for each of above named sizes of casing.

REDWOOD CITY, San Mateo Co., Cal. —National Cast Iron Pipe Co., Rialto Bldg., San Francisco, at approx. $4966 awarded cont. by city trustees to fur. 3000 ft. 4-in. and 3000 ft. 6-in. c. I. water pipe, at $60.05 and $66.05 per ton, respectively. U. S. Cast Iron Pipe and Foundry Co., Monadnock Bldg., San Francisco, second low bidder at $1989 (lump sum) for 4-in. and $2850 for 6-in. pipe. R. D. Wood Company submitted only other bid. Materials to be delivered f. o. b. Redwood City.

TERRA BELLA, Tulare Co., Cal. — M. T. Jackson, Porterville, bidding $337.50, 12-in. well, 150 ft., awarded contract by Terra Bella Irrigation District to drill one or more wells in district. Martin Simovich and Ludwig Kamble, bid $387.60 for 12-in. well, 150 feet.

PETALUMA, Sonoma Co., Cal.—Pacific Gas and Electric Co., 445 Sutter St., San Francisco, completing surveys for pipe line running from Petaluma to San Rafael; approx. 22 miles.

SPOKANE, Wash. — Until Feb. 16, bids will be rec. by City Purchasing Agent, for fur. 70,600 ft. galv. pipe.

SANTA ROSA, Sonoma Co., Cal.—Due to mistake in advertising, city council orders new bids asked for fur. pipe. Provision was made for purchase of galv. iron pipe when cast iron pipe was desired. L. L. Mills, city eng. and Vida McL Doggett, city clerk.

SEATTLE, Wash.—Until Feb. 23, 10 a. m., bids will be rec. by C. B. Bagley, secy. Board of Public Works, for fur. 4000 K. V. A. transformers for steam plant at Eastlake Avenue and Nelson Place.

Separate bids, same date, for fur. 7500 K. V. A. transformers for Spokane Ave. Substation. Cert. check 5% payable to city comptroller required with each bid. Spec. obtainable from secy.

RAILROADS

KELSO, Wash.—Bids rec. by Long View-Portland and Northern Railway Co., Jan. 1 to const. 8½ miles of railroad in Cowlitz county, Wash., the first unit of a stretch 26 mi. in length, have been rejected and bidders requested to submit bids on the total 26 miles running from the North Kelso city limits to the head of the Arkansaw creek. Complete particulars will be published shortly. Westley Vandercook is chief engineer for the company with offices at Kelso, Wash.

SAN JOSE, Santa Clara Co., Cal.—Peninsular Railroad Co., San Jose, files application with county supervisors for permit to construct spur track over King road to connect up with canneries in that section.

TACOMA, Wash.—City council has requested Pierce County Commissioners for franchise to extend municipal railway system to T St., side of Hylebos creek to serve manufacturing sites in that section.

SAN FRANCISCO. — U. S. Products Co., Rialto Bldg., at $37.75 ea., awarded contract by supervisors to fur. 250 rolled steel car wheels for Muny Railway.

PALO ALTO, Santa Clara Co., Cal.—Peninsular Railway Co., Paul Shoup, president, ordered by city council to improve its portion of streets and reconstruct tracks in University Ave., and Waverly St.; est. cost, $302,000.

IMPERIAL County, Cal.—The Southern Pacific Co. and its subsidiary, the Inter-California Railway Co., has submitted to the Interstate commerce commission an application seeking permission for the subsidiary company to construct a branch line from its line beginning at Calipatria in Imperial county, California, and extending to a point 6.7 miles north of Holtville, Cal., a distance of 26.3 miles. The branch will tap a rich agricultural region at present without railroad service.

FIRE EQUIPMENT

DELANO, Kern Co., Cal.—City trustees sell $15,000 bond issue to purchase fire equipment.

HAYWARD, Alameda Co., Cal.—Town trustees contemplate installation of police system. Jesse B. Holly, town eng.

WOODLAND, Yolo Co., Cal.—April 3 is date set to vote bonds of $22,000 to purchase motorized fire equipment.

SPOKANE, Wash. — Until Feb. 23, bids will be rec. by City Purchasing Agent, for fur. 4000 ft. of double jacket rubber-lined fire hose, couplings, Spokane Thread, Highie Type.

REDWOOD CITY, San Mateo Co., Cal. —City Trustees, W. A. Price, contemplates purchase or additional hose for fire department.

SALINAS, Monterey Co., Cal.—City Council authorizes purchase of 500 ft. of fire hose at 72c ft. M. R. Keef, city clerk.

SEWERS, STREET WORK, ROADS & WATER SYSTEMS

LOS ANGELES, Cal.—M. P. Rudinica awarded contract by board of public works at $2700 to const. storm sewer complete in first alley n of Bellevue Ave., bet. Andrews and Occidental Blvds.

C. E. Green awarded contr. at $7790 to const. sewer in Mercury Ave. bet. Beryl and Rowan Sts.

PORTLAND, Ore.—Manrud and Igoe, Eugene, Ore., submits low bid to Dist. Eng. U. S. Bureau of Public Roads, for clearing 24 mi. of the Eugene-Florence road adjacent to the Siuslaw Forest. Bids were taken for the project divided into 10 sections. Bids follows: 18.8 acres $2291, 8.6 acres $1247, 8 ac. $1160, 4.2 ac. $609, 5.5 ac. $799, 13.4 ac. $1943, 10 ac. $1450, 12 ac. $1740, 7.2 ac. $1044, 7.5 ac. $1087. Recommendation will be made to Washington awarding contract.

BURBANK, Cal.—Until 7:30 p. m., March 6, bids will be rec. by City Clk., F. S. Webster, to imp. Magnolia Ave., bet. 8th and Sunset Canyon Dr., Burbank, approx. 2100 ft. long. Work will consist of grading and paving 31 ft. wide with macadam; const. macad. gutters, cem. curbs, and walks; 1911 Act.

SAN DIEGO, Cal.—City Mgr. F. A. Rhodes proposes to save city $17,500 in imp. 31st and Elm Sts., by sub-letting the contract at $30,933. He states that he has secured a contractor who will take the sub-contract at this figure.

SACRAMENTO, Cal.—City Eng. Givan has completed spec. to open H St., road providing direct route to H St. bridge and the Fairoaks Blvd. Spec. provide for widening and extension of the street from 42nd St., to the city limits at 57th St., the district to be assessed for the work.

BURBANK, Cal.—Napier & Simpson, San Fernando, submitted low bid to city trustees to improve Cypress Ave. bet. San Fernando Blvd. and Sunset Canyon Dr., involv. grading at 42c lin. ft.; 8-in. conc. paving at 19.5c sq. ft.; curbs at 45c lin. ft.; cem walks at 15c sq. ft.; conc. gutters at 19.5c ft.

SAN FRANCISCO—City Eng. M. M. O'Shaughnessy completes spec. to imp. Gilman Ave., bet. Ingalls and Griffith involv. 2973 cu. yds. cut; 1446 cu. yds. fill and 2588 lin. ft. conc. curb. Est. cost $6000.

Spec. completed to imp. 24th Ave. bet. Judah and Kirkham, involv. 1200 lin. ft. conc. curb and 24,000 sq. ft. asph. conc. pavement. Est. cost $8400.

Spec. completed to imp. Thomas Ave., bet. Ingalls and Jennings, involv. 4990 cu. yds. fill. Est. cost $5000.

SAN JOSE, Santa Clara Co., Cal.—City Council, J. J. Lynch, clerk, declares inten. to improve Balbach St., bet. Market and Orchard by grading; paving with 1½-in. asph. conc. surface on 3-in. asph. conc. base; hyd. conc. walks, 6-ft. wide. 1911 Act and Bond Act 1915. Protests Feb. 2 6.Wm. Popp, city eng.

WHITTIER, Cal.—City trustees declare inten. to imp. Bright Ave., bet. 295 ft. s. of Walnut St. and 300 ft. s. of Short St., by grading and paving with 6-in. cem. conc., const. conc. curb, reinf conc. culvert, walks. 1911 Act. Clarence O. Trueblood, city clk.

STOCKTON, San Joaquin Co., Cal.—City Council, A. L. Banks, clerk, declares inten. to imp. portions of East St., grading; const. comb. conc. curbs and gutters; conc. walks; paving with 2½-in. cementing gravel base with 3-in. asph. conc. base and 1½-in. asph. conc. surface; incl. the const. of conc. walks in portions of Hazelton and Scott Aves., etc. 1911 Act and Bond Act 1915. Protests Feb. 20. W. B. Hogan, city eng.

SANTA BARBARA, Cal. — Petitions being circulated to widen and imp. Chapala St., bet. Anapamu and East Blvd. and Anacapa St., bet. East Cabrillo Blvd and Anapamu St. The proposed width is 80 ft.

SANTA ROSA, Sonoma Co., Cal.—City trustees plan to pave approx. ten miles of streets this year. Plan for several projects are now being prepared by City Eng. L. L. Mills and these will be presented for approval shortly.

SAN JOSE, Santa Clara Co., Cal. — San Jose Paving Co., San Jose, at $13,190 submits low bid to supervisors to imp. Naglee Ave., in Supervisor Dist. No. 4. Surveyor's estimate, $14,003. Other bids: A. J. Raisch, $17,200; John Doyle, $15,457. Taken under advisement until Feb. 10.

SAN JOSE, Santa Clara Co., Cal.—San Jose Paving Co., San Jose, at $19,-470 awarded cont. by supervisors to imp. King Ave., in Supervisor Dist. 2; surveyor's estimate, $20,086. Other bids: A. J. Raisch $24,500; John Doyle, $23,-442.

SAN FRANCISCO.—City Eng. M. M. O'Shaughnessy completes spec. to imp. Santa Rosa, bet. Alemany Ave., and the east boundary of the Mission Terrace tract, in addition to other streets, involv. 816 cu. yds. cut; 615 cu. yds. fill; 1199 lin. ft. conc. curbs; 792 sq. ft. art. stone walks; 7 br. catchbasins; 157 lin. ft. 10-in. ironstone pipe culvert; 163 lin. ft. 8-in. ironstone sewer; 18 8-in. wye branches; 1 br. manhole; 15,940 sq ft. asph. conc. pavement and 8750 sq. ft. conc. pavement. Est. cost $10,900.

SEATTLE, Wash. — Board of Pub. Wks approves plans of City Eng. J. D. Blackwell to grade north end of Beacon Hill, involv. the sluicing of approx. ¾ million yards of earth into tide flats west of the hill; est. cost $900,000. Project is divided into 4 sections: grading of hill, const. of permanent approaches to the valduct on 12th avenue south, and sluicing the hill dirt to 9th Ave. south and adjacent thoroughfares for the purpose of bringing them up to standard grade, and reduction of the "hump" lying between Weller, Dearborn, Eighth and Ninth avenues south, Twelfth Ave., south approach to Beacon Hill will cost $180,000, a separate figure having been submitted with the spec.

SAN JOSE, Santa Clara Co., Cal.—City Council, J. J. Lynch, clerk, declares inten. to imp. 16th St., bet. Julian and Empire Sts., grading, paving with 1½-in. "Durite" asph. conc. surface on 3-in. "Durite" asph. conc. base; conc. curbs and gutters; 1 br. catchbasin; 8-in. vit. sewer pipe manhole connections. 1911 Act and Bond Act 1915. Protests Feb. 26. Wm. Popp, city eng.

VERNONIA, Ore.—Until Feb. 15, 1 p. m., bids will be rec. by B. S. Owens, city recorder, to const. water system consisting of conc. reservoir, open well and distribution system. Water system consists of a 200,000 gal. open conc. reservoir, 60x75 ft. on surface with depth of 12 ft. There will be an open dug well 8 ft. in dia. and approx. 30 ft. deep, lined with conc. There will be an 8-inch wood stave pipe from the well to the city, a distance of 1¼ mi. The distribution system will consist of 23,000 ft. 2-in. and 3000 ft. of 3-in. galv. pipe and 1600 ft. 4-in., 800 ft. of 8-in. and 1400 ft. of 8-in. c. i. pipe. Bids for pump will be called for later. Cert. check 10% payable to City Treasurer required with each bid. Plans obtainable from Consulting Eng. Stiger and Lincoln, 618 Railway Exchange Bldg., Portland, on deposit of $10.

BURBANK, Cal.—Until 7:30 p. m., March 6, bids will be rec. by city trustees to imp. Magnolia Ave., bet. 8th St. and Sunset Canyon Dr., by grading and paving with macadam; const. cem. curb, 5 ft. walks; 1911 Act. F. S. Webster, city clerk.

UKIAH, Mendocino Co., Cal.—Plans for extensions to sewer system will be ordered by city trustees in immediate future.

SEATTLE, Wash.—Swensson Const. Co., Arcade Bldg., Seattle, at $111,752 awarded contract by Bd of Pub Wks to pave, etc., Alki Ave., and other sts.

CALIFORNIA—D. H. Ryan, 1615 Fern St., Sandiego at $94,059.50 awarded contract by U. S. Bureau of Public Roads, Mills Bldg., San Francisco, to const. Adln-Adln Summit Natl. Forest highway in Modoc county, approx. 28 mi. s.w. of Alturas, 10.9 mi. long, involv. 269 ata. clearing and grubbing; 5750 cu. yds. rock excav.; 56,550 cu. yds. common excav. 63,200 cu. yds. overhaul; 403 cu. yds. class A, 218 cu. yds. class B and 122 cu. yds. class C conc.; 55,550 lbs. erln. steel; 1750 lin. ft. 15x24-in. corru. metal pipe.

SAN DIEGO, Cal.—County surv. Ernest R. Childs preparing spec. to pave Adams Ave., through Normal Hts. to the city limits. Spec. will be ready in about one week.

SANTA ANA, Cal.—Until 11 a. m., Feb. 20, bids will be rec. by supervisors to re-surface with concr pavement one mile of the Huntington Beach Blvd in the second road dist. Orange county. Cert. chk or bond 5%, plans obtainable from Co Rd. Comm. J. L. McBride upon deposit of $3. J. M. Backs, county clerk.

SAN JOSE, Santa Clara Co., Cal.—City Council J. J. Lynch clerk, declares int. to imp. Miller St., from George St., 462.45 ft. north, by grading; paving with 1½-in. "Durite" asph. conc. surface on 3-in. "Durite" asph. conc. base; conc. curbs and gutters. 1911 Act and Bond Act 1915. Protests Feb. 26. Wm. Popp, city eng.

SACRAMENTO, Cal. — Until Feb. 19, 10 a. m., bids will be rec. by H. W. Hall, county clerk, to grade and const. culverts in Marconi Ave., bet. Del Paso Country Club and H St., road. Cert. check 10% payable to Chairman Board of sup., required with each bid. Plans obtainable from county eng.

OAKLAND, Cal.—City Council, E. K. Sturgis, clerk, declares intention (No. 25776) to imp. 48th ave., bet. E-12th and E-14th Sts., grading, const. conc. curbs, gutters and walks; paving with oil macadam. 1911 Act. Protests Feb. 21. Int. (No. 25774) declared to imp. E-17th St., bet. 34th and 35th Aves., grading, conc. curbs and gutters; paving with oil macadam. 1911 Act. Protests Feb. 21. W. W. Harmon, city eng.

SANTA BARBARA, Cal—County Surveyor Owen H. O'Neill completing plans for the San Marcos road improvement, which includes grading and paving and drainage work, costing $25,000.

WHITTIER, Cal.—Until 7:30 p. m., Feb. 19, bids will be rec. by city trustees to imp. Pickering Ave., bet. Philadelphia St. and s. line of C. G. Warner's Tr., by grading and paving with 6-in. cem. conc., const. curb, walk, reinf. conc. culvert. 1911 Act. C. O. Trueblood, clk. Paul E. Todd, city engr.

SAN DIEGO, Cal.—City Council votes to accept proposition that owners pay 60% and the city 40% of the imp. of Mission Blvd. bet. Ocean Beach and Pacific Beach. Type of pavement not determined.

SAUSALITO, Marin Co., Cal. — Town Eng. A. A. Peters instructed to prepare spec. to improve Princess street; est. cost $180,000. Work will be done under the Vrooman Act.

PASADENA, Cal.—City directors declare inten. to imp. Atchison St., bet. Los Robles and Madison Aves. by paving with 2-in. oiled macadam. 1911 Act. Bessie Chamberlain, city clk.

SAN GABRIEL, Cal.—City trustees declare inten. to imp. Santa Anita St., bet. Mission Dr. and Arroyo Dr., by grading and paving under spec. 8, const cem. curb and walk; also for imp. McCrearty St., bet. Ramona and Santa Anita Sts., by grading and paving under spec. 8, const. cem. curb and walk. Vrooman Act. A. E. Manzer, st. supt

BURBANK, Cal.—Napier & Simpson, San Fernando, low bidders for paving Cypress Ave., bet. San Fernando Blvd. and Sunset Canyon Dr. There were 12 bids. Bids will be published later.

BERKELEY, Alameda Co., Cal.—City Council, E. M. Hann, clerk, appropriates $1200 to set back and replace cement sidewalks in west side Shattuck Ave., bet. Eunice and Amador sts. C. L. Huggins, city eng.

LOS ANGELES, Cal.—Clark Cement & Concr. Constr. Co., 634 Western Ave., awarded contr. by Burton and Co., owners, to grade and pave with 5-in. cem. conc. the two alleys extending from Western Ave. to Oxford Ave., bet. 11th St and Monette Pl.

LONG BEACH, Cal.—Griffith Co., L. A. Railway Bldg., Los Angeles, low bidder to imp. Termino Ave. from 4th St. to Anaheim Rd. and in parts of 7th, 8th 10th and Mayfield Sts., at 26c sq. ft. grading, 50c lin. ft. curb, 23c sq. ft. gutter, 23c sq. ft. sidewalk and $2950 corru. culverts. C. H. White bid 26c grading; 55c curb; 26c gutter; 22c sidewalk; $3000 culverts. D. P. Durham, 26c grading; 60c curb; 28c gutter; 21c sidewalk; $3000 culverts.

SANTA BARBARA, Cal. — County Surv. Owen O'Neill has completed spec. to pave 7000 ft. of the San Marcos road with oil macadam.

LOS ANGELES, Cal.—Warren Constr. Co., 5444 Hollywood Blvd., awarded contr. by board of public works at $138,134.24 to imp. 1st St. bet. Rampart Blvd. and Vermont Ave., involv. 300,176 sq. ft. grading, to finished subgrade at 7.5c ft.; 271,465 sq. ft. asph. paving at 24.5c ft.; 25,405 sq. ft. conc. paving at 27.5c ft.; 1057 sq. ft. asph., remodeling at 30c; 3306 sq. ft. Warrenite-Bit. paving at 27.5c ft.; 8187 ft. curb; 47,057 sq. ft. walk at 23c; 8789 sq. ft. gutter at 32c ft.; storm drains, catch basins, reinf. conc. culvert complete at $17,200; san. sewer complete at $1000; 2222 ft. house sewers at $1.50 ft. Engrs. est. $136,100.24. Other bids were: George R. Curtis $140,837.03; Geo. H. Oswald $146,465.29; Griffith Co., $150,275.93.

Warren Constr. Co. awarded contract at $5452.51 to imp. Ridgewood Pl., bet. Elmwood Ave. and Beverly Blvd., involving grading at $658 (lump sum); 18,802 sq. ft. Warrenite-Bit. paving.

Geo. H. Oswald, 366 E 58th St. awarded contr. at $7398 to imp. Vermont Ave., bet. Fountain Ave. and 4th St., involv. 885 sq. ft. conc. paving incl. grading at 35c; 20 ft. curb at 90c ft.; 26,219 sq. ft. cem. walk includ. grading at 25c ft.

C. W. Shafer, 222 W 33rd St., awarded contr. at $1043 to imp. 5th St., betw. Main St. and Broadway, involv. 1127 sq. ft. conc. gutter at 92.5c ft.

CALIFORNIA—The newly appointed State Highway Commission announces its program for Northern California road work, as follows:

1—Grading and graveling of the highway from Gazelle to Grenada, on which there are yet some rights of way to be obtained.

2—Widening the grade from Hornbrook to the Oregon line to the standard twenty-four feet width.

3—Straightening and widening the alignment from Redding to Dunsmuir.

4—The chief engineer shall make a personal inspection of the proposed route from Redding to Weaverville relative to the Buck's Grade, as compared with requests from residents of French Gulch for a re-routing.

5—An agreement to move the convict camp now on the Klamath river to a point on the coast route as soon as practicable.

6—To enter into agreement, if possible, with Tehama county relative to taking over certain bridges in that county contingent upon an agreement contributing to the cost of construction of the Cottonwood bridge. Negotiations will also be opened with the supervisors of Shasta county in connection with the same structure.

7—When possible, but probably in the near future, to pave the ten miles from Redding to Bayola with concrete.

OAKLAND, Cal.—Oakland Paving Co. Bank of Savings Bldg., Oakland awarded contract by council to imp. Roberts Ave., bet. Birdsall and 55th Aves.; excavation, $.55 cu. yd.; conc. curb, $.75 lin. ft.; conc. gutter, $.25 sq. ft.; oil macadam pavement, $.12 sq. ft.; cem. walk, $.18 sq. ft.

OAKLAND, Cal.—Oakland Paving Co. Bank of Savings Bldg., Oakland awarded contract by council to imp. E-16th St., bet. 27th Ave. and Liese Tract; grading, $.579 sq. ft.; conc. curb, $.75 lin. ft.; conc. gutter, $.25 sq. ft.; oil macadam pavement, $.12 sq. ft.; cem. walks, $.19 sq. ft.; 8x24-in. corru. iron and conc. culvert $6.00 lin. ft.; handholes, $35 ea.

FRESNO, Fresno Co., Cal. — City council, R. Y. St. George, clerk, declares intention to imp. alley in Block 128, bet. Merced and Tuolumne Sts., 19 ft. wide. 1911 Act. Protests March 1. Wm. Stranahan, city eng.

LOS ANGELES, Cal.—Woodworth & Woodworth, Baldwin Park, submitted low bid to supervisors at $6662.42 to grade and oil roadways and const. curb and sidewalks in Flora Ave., bet. Bell and Florence Aves., 1505 ft. or .29 mi. in Road Dist. No. 232. The work involves 1060 cu yds. excav.; 5877 sq. yds. shaping roadway; 5877 sq. yds. screening and rolling roadway; 2935 ft. curb; 11,157 sq. ft. walk. Est. contr. price, $6544. E. D. Baucus bid $6848.

OROVILLE, Butte Co., Cal.—County supervisors petitioned to construct cross-road from Doe Mill to Humboldt, a distance of 3 miles. County Road Eng. Harry H. Hume instructed to submit report.

BURLINGAME, San Mateo Co., Cal.—City clerk will ask bids immediately to pave tennis courts and walks in new Burlingame park and playgrounds adjoining new high school. Carl Torello, city eng.

LOS ANGELES, Cal. — John Balch 696 12th St., San Pedro, submitted low bid to board of public works at $97,704 for excavating, removing and disposing of about 700,000 cu. yds. material at site of sewage treatment plant at Hyperion. The work consists of leveling sand hills on the ocean front. All bids rec Jan. 15 were rejected as too high. Other bids rec. under the recent opening follow: R. C. Breedlove $102,900; C. R. Ross, $107,800; Foley Bros. & D. A. Foley Co., $109,900; J. H. Flick, $119,540; taken under advisement. advisement.

SANTA CRUZ, Santa Cruz Co., Cal.—County Surv. Lloyd Bowman making surveys for proposed Bodfish Canyon road.

REDWOOD CITY, San Mateo Co., Cal.—County Surv. Geo. A. Kneese preparing spec. to rebuild county road from Pigeon Point to Pescadero, thereby completing the road from Pescadero to the San Mateo County line.

SANTA CRUZ, Santa Cruz Co., Cal.—Property owners in Highland Way section petition county supervisors to form assessment district to finance road improvements in that section. Lloyd Bowman, county surv.

OAKLAND, Cal.—County surv., Geo. Posey, completing spec. to install water pipe system in County Road No. 2043.

HOLLISTER, San Benito Co., Cal.—Town trustees have purchased 39 acres of river bottom land as site for proposed new septic tank.

SALINAS, Monterey Co., Cal.—Supervisors vote to gravel approx. 4 mi. of road from Hilltown to army reservation on which training camp will be maintained this summer. Howard Cozzens, county surv.

SAN RAFAEL, Marin Co., Cal.—Co. surv. preparing spec. to imp. 6 mi. of road in Lucas Valley and 2000 yds. of road in Pt. Pedro district.

REDDING, Shasta Co., Cal.—Supervisors appropriate $8000 from general fund to improve road to Lassen Volcanic Natl. Park. Private subscriptions have brought total amount to $10,000 for the improvement.

SAN FRANCISCO—City Eng. M. M. O'Shaughnessy completes spec. to imp. Exeter St., bet. Paul and Salinas Aves., est. cost $9000, involv. 2588 cu. yds. cut; 383 cu. yds fill; 1200 lin. ft. conc. curbs; 18,000 sq. ft. asph. conc. pavement.

MERCED, Merced Co., Cal. — Supervisors will meet Feb. 13 to hear petition seeking formation of road improvement district to finance construction of 8 miles of graveled roads in the Titus lands south or Livingston.

SAN RAFAEL, Marin Co., Cal.—County surv. preparing spec. to imp. road bet. Reyes and Marshall.

OROVILLE, Butte Co., Cal.—Supervisors petitioned to const. road 0.4 mi. long extending from pt. in Bangor-Rackerby road to pt. on present county road at Upham cemetery. Taken under advisement. Harry H. Hume, county road eng.

SANTA ROSA, Sonoma Co., Cal. — Warren Const. Co., Bacon Bldg., Oakland, awarded cont. by council to imp. South F St., bet. Santa Rosa creek and Bennett Ave., by grading; paving with 2½-in. asph. conc. base with 1½-in. Warrenite-Bit. surface; conc. curbs, gutters, storm drains and culverts. L. L. Mills, city eng.

YREKA, Siskiyou Co., Cal.—Supervisors petitioned to gravel road from Grenada to Montague. Work will be done as soon as weather permits. Albert J. Parrott, county surv.

OAKLAND, Cal.—City Council, E. K. Sturgis, clerk, declares intention (No. 25808) to imp. portions of Plymouth Ave., bet. 90th and Jones Aves., by grading; const. conc. curbs, gutters and walks; paving with oil macadam and const. 1 wooden culvert. 1911 Act. Protests March 1. W. W. Harmon, city. Eng. 21

SUISUN, Solano Co., Cal.—Eng. Jessie B. Holly, Albany Bldg., Oakland, preparing spec. for dam and pipe line to increase water supply for city of Suisun. Dam will be 6x6 ft. at bottom, 18 ft. long on top; pipe line, approx. 2100 ft. long.

OROVILLE, Butte Co., Cal. — Until Feb. 23, 1:30 p. m., bids will be rec. by C. F. Belding, county clerk, to pave with asph. macadam the Palermo-Honcut road, approx. 9 mi. long.

Separate bids, same date, to pave Sec. B, Neal Road, approx. 5.2 mi., with asph. macadam.

Cert. check 10% required with each bid. Plans obtainable from County Rd. Eng. Harry H. Hume.

FAIRFIELD, Solano Co., Cal.—Until March 5, bids will be rec. by county supervisors to const. sewer extension in Frisbie, Fremont, Denio and Sacramento Sts., in Vallejo Heights sub-division. F. A. Steiger, county surv. Plans on file in office of county clerk at Fairfield.

SAN FRANCISCO—Until Feb. 21, 3 p. m., bids will be rec. by Bd. of Pub. Wks. to imp. Kirkwood St., bet. Newhall and Phelps, involv. the resetting of 88 lin. ft. granite curbs; const. 1288 lin. ft. conc. curb; 1108 sq. ft. art. stone walks; resetting 2 br. catchbasins; const. 3 br. catchbasins; 105 lin. ft. vit. ironstone pipe culvert; 39,043 sq. ft. asph. conc. pavement. Spec. obtainable from City Eng. office, 3rd floor, city hall.

SALEM, Ore. — In addition to those projects recently reported, State Highway Commission has disposed of highway projects as follows:

Allen Ranch-Klamath County Line Section of the Dallas-California Highway in Deschutes county, 8 miles of grading: awarded to A. E. Doty, Redmond, Ore., using conc. pipe, at $22,413.

Tygh Valley Section of The Dalles-California Highway in Wasco County, 6 miles of grading: awarded to Elliott, Scoggins and Tequam, Portland, Ore., at $68,640 using corru. iron pipe. (Subject to approval of U. S. Bur. of Pub. Roads).

Rhinehart Approach Fills on La Grande-Enterprise highway in Union county, .24 mile of grading: awarded to A. D. Kern, Portland, at $10,794.

Bear Creek Section of Oregon Caves Highway in Josephine county, 3 miles of grading: awarded to C. F. Rhodes Const. Co., Medford, Ore., at $23,954.

Hayden Creek-Jackson County Line Section of Ashland-Klamath Falls highway in Klamath county, 9.83 miles of broken stone surfacing: awarded to Harness and Colby, Roseburg, Ore., at $62,675. (Subject to approval of U. S. Bur. Pub. Rds.).

At the request of the Lane county court the Nimrod-Elk Creek Unit No. 1, of the McKenzie highway was withdrawn from consideration and the bids returned unopened.

TUOLUMNE, Tuolumne Co., Cal.—Local branch of Forest Service seeks appropriation of $5000 from county supervisors to imp. Buchanan road as far as Quiltie's mill; road to White House to be maintained by county and from thereto Quiltie's Mill to be maintained by Forest Service.

BAKERSFIELD, Kern Co., Cal. — Weitzel and Larson, Bakersfield, at $10,053.13 awarded contract by council to imp. portions of E-19th, Miller, Eureka and Fremont Sts., involv. 23,354 sq. ft. cem. walks; 4124 sq. ft. cem. walks; 2700 ft. 14-in. comb. curb. Other bids: Woodworth and Woodworth, $10,241.24; Dean and Stroble, $10,078.49.

BURLINGAME, San Mateo Co., Cal.—City Eng. Carl Torello preparing spec. to pave H St., which forms one of the approaches to Pacific City.

MARTINEZ, Contra Costa Co., Cal.—City Eng. Ben Greene completing spec. to pave streets in district south of grammar school and West Smith St., including all cross Sts., from Jones to A; 2 blocks of Mason St., and Estudillo and Castro bet. Jones and A Sts.

MARTINEZ, Contra Costa Co., Cal.—City Eng. Ben Greene preparing spec. for cem. walks in Berrellessa and Castro Sts., bet. Main and Howard; Howard St., bet. Berrellessa and Castro and Escobar St., bet. Castro and Berrellessa

REDDING, Shasta Co., Cal. — City trustees plan widening of Market St., 28 ft. from Trinity St., north to Riverside Drive and pave that same to the bridge, a distance of 3500 ft., est. cost $18,000.

LOS ANGELES, Cal.—Until 11 a. m., Feb. 19, bids will be rec. by supervisors to imp. Success Ave., bet. west boundary of city of Watts, and Central Ave., 3000 lin. ft. or .57 mi., R. D. I. No. 236, involv. 1936 cu. yds. excav; 8341 sq. yds. shaping roadbed; 8341 sq. yds. Willite surface; 12,008 sq. ft. gutter; 5829 lin. ft. curb; 28,690 sq. ft. walk. Materials required are: 1124 bbls. cem., 475 tons sand; 749 tons gravel; 8341 sq. yds. Willite; 207 lbs. lamp black; 233 pcs. expan. joints, 3½x5 ft.; 233 pcs. expan joints, 6x9x14-in.; 233 pcs. expan. joints, 5-in.x2 ft. Average haul, .75 mi. from Watts on P. E. Ry. Est. $27,899.45.

BEAUMONT, Cal.—City votes $52,000 to imp. streets, incl. Sixth St., a link in the Salton Sea route.

VACAVILLE, Solano Co., Cal.—Vacaville Boosters' Club will petition city trustees to pave principal streets of town. Proposed to organize street improvement districts to finance work.

EAGLE ROCK, Cal.—C. C. Walker, Eagle Rock, awarded contr. by city trustees at $12,222 to const. cem. walks on Eagle Dale Ave., unit price 23c sq. ft.

COLUSA, Colusa Co., Cal.—City sewer eng W. E. McIntyre has completed spec. for extensions to sewer system and bids will be asked shortly.

TULLOCK, Stanislaus Co., Cal.—A Teichert and Son, Oschner Bldg., Sacramento, awarded contract by city trustees to imp. Lyons Ave., bet. Arcade and pavement in place in E-Main St., by grading, paving with 3-in. asph. conc. base with 1½-in. Warrenite-Bit. surface; conc. curbs, gutters and walks, corru. iron culverts; and portion of E-Main St., by const. corru. iron culverts, paving with asph. conc. base varying in thickness from 0 to 6-in. with 1½-in. Warrenite-Bit. surface.

FRESNO, Fresno Co., Cal.—County Surveyor Chris. P. Jensen, Cory Bldg., preparing spec. for road, 10 ft. wide, from Kerchoff Power House road to Power House No. 1, for which $12,000 is available in budget funds.

SAN JOSE, Santa Clara Co., Cal. — Until Feb. 19, 8 p. m., bids will be rec. by J. J. Lynch, city clerk, to imp. Plum St., bet. Goodyear St., and south city limits; grading; paving with 1½-in. Warrenite-Bit. surface on 3-in. bit. conc base; conc. curbs, gutters and walks; 3 br. catchbasins; 8-in. vit pipe drains. 1911 Act and Bond Act 1915. Cert. chk. 10% payable to city req. Wm. Popp, city engineer.

COLUSA, Colusa Co., Cal.—City eng. W. E. McIntyre has resigned and city trustees at March meeting will select new city engineer.

FRESNO, Fresno Co., Cal—T. A. Hanrahan, Call Bldg., San Francisco, at $109,958.91 ($17,400 per mile) awarded contract by supervisors to pave Rose Ave.

Clark and Henery Construction Co., Ochsner Bldg., Sacramento, at $72,534.35 ($22,000 per mile) awarded contract to construct extension of Clovis-Auberry road.

MANTECA, San Joaquin Co., Cal.—Consulting Eng. W. S. Farley, Monadnock Bldg., San Francisco, submits spec. to city trustees for sewage disposal plant and same have been forwarded to State Board of Health for approval. Spec. provide for multiple compartmert septic tank, 28x63 ft.; est. cost $10,000.

STOCKTON, San Joaquin Co., Cal.—Cy Moreing, Commercial Savings and Bank Bldg., Stockton, at $57,347.50 submits low bid to supervisors for oil macadamizing French Camp road from Atlanta to Brennan's corner. Bid is approx. $1000 above estimate of county surv., F. E. Quail.

Guy Bros., at $3724 submit low bid to grade 6 miles of Bixler road. Cy Moreing bid $5270.

Cy Moreing, low bidder, at $14,320 to rock and gravel 1.93 mi. of Lane road. C. W. Wood Co., Manteca, only other bidders at $15,929.

All bids taken under advisement.

PETALUMA, Sonoma Co., Cal.—Board of Education petitions city council to pave streets in vicinity of high school including Broadway, Fair and Bassett Sts. N. S. Frost, city eng., will submit estimates of cost.

OAKLAND, Cal.—Until Feb. 21, 12 M., bids will be rec. by E. K. Sturgis, city clerk, to const. 6-ft. wide cem. walks in Foothill Blvd., bet. E-12th St. and pt. 150 ft. north and in 21st Ave. bet. E-12th St., and Solano Way. 1911 Act. Cert. check 10% payable to city. W. W. Harmon, city eng.

RICHMOND, Contra Costa Co., Cal.—East Bay Water Co., 512 16th St., Oakland, authorized by city council to install 16-in. water main in 10th St., bet. Nevin and Macdonald Aves., est. cost $2112; and an 8-in. main in 7th St., bet. Ohio and Nevin Sts., est. cost $5390.

LOS ANGELES, Cal.—Geo. H. Oswald, 366 E 58th St., submitted low bid to board of public works to imp. Beverly Blvd., bet. Wilton Pl. and Vine St., involv. 215,348 sq. ft. grading at 3c ft.; 2940 sq. ft. asph paving at 25c ft.; 212,408 sq. ft. conc. paving at 23.5c ft.; 2535 ft. curb at 65c ft.; 2376 ft. walk at 20c ft.; 232 sq. ft. gutter at 25c ft.; storm drain, $235; san. sewer, $900; 260 ft. house sewers at $1.50 ft.

Geo. R. Curtis submitted low bid to imp. Oxford Ave., bet. Maplewood Ave. and Beverly Blvd., involv. grading at $2000 (lump sum); 19,484 sq. ft. asph. paving at 24c ft.; 30,594 sq. ft. 6-in. conc. paving at 24c ft.; 44 ft. curb at 70c ft.; 60 sq. ft. walk at 25c ft.; 928 sq. ft. gutter at 29c ft.

Griffith Co., L. A. Ry. Bldg., L. A., submitted low bid to imp. first alley s. of 7th St., bet. Mesa St. and Pacific Ave., San Pedro, involv. grading at $700 (lump sum); 12,177 sq. ft. conc. paving at 27c ft.; 23 ft. curb at 75c ft.; 49 sq. ft. gutter at 40c ft.

Geo. H. Oswald submitted low bid to imp. Vanowen St., bet. Sherman Way and Balboa Ave., involv. grading at $9000 (lump sum); 215,241 sq. ft. asph. conc. paving at 19.75c sq. ft.; wooden bridge complete at $1400.

M. S. Cummings, 1302 W 22nd St., submitted low bid to imp. Ave. 53, bet. Coringa Dr. and 746.2 ft. north, involv. 19,608 sq. ft. grading at 7.2c sq. ft.; 1 9,608 sq. ft. oiling at 7c ft.; 1506 ft. curb at 75c ft.; 768 sq. ft. walk at 22c ft.; 3005 sq. ft. 6-in. gutter at 33c ft.; san. sewer at $1997.

SAN FRANCISCO—City Eng. M. M. O'Shaughnessy completes spec. to imp. Gilman Ave., bet. Third and Griffith, involv. 4822 cu. yds. cut; 228 cu. yds. fill; 8 br. catchbasins; 288 lin. ft. 10-in. ironstone pipe culvert; 2548 lin. ft. conc curbs; 1320 sq. ft. art. stone walks; 67,826 sq. ft. asph. conc. pavement. Est. cost $29,635.

PETALUMA, Sonoma Co., Cal.—Street committee of city council recommends construction of cement sidewalks in various sections of the city. N. S. Frost, city eng.

SAN DIEGO, Cal.—City Council Declares intention to imp. alley in blk 5 Cleveland Hts., involv. 9000 sq. ft. paving with 4-in. cem. conc., 136.5 cu. yds. earth excav. and 30 cu. yds. earth embankment, 2 4-in. cem. sewer laterals.

Int. declared to pave Robinson Ave. and Curlew St., involv. 35,022 sq. ft. paving with 4-in. cem. conc.; 4818 sq. ft. of cem. conc. sidewalk and 918 lin. ft. of cem. conc. curb; also 1 4-in. cem. sewer service lateral and 44 ft. of 18-in. double strength conc. pipe.

Int. declared to pave Iowa St., from Polk to El Cajon Ave., involv. 60,729.80 sq. ft. paving with 1½-in. asph. conc. wearing surface on 2½-in. bit. base; and 56 lin. ft. of cem. conc. curb; hearing of protests set for Feb. 26. 1911 Act. F. A. Rhodes, city engr.

SANTA CRUZ, Santa Cruz Co., Cal.—J. L. Conner, Nipomo, Calif., at $12,469.60 submits low bid to city council to improve portions of Woodrow Ave., by grading, paving with 5-in. conc.; const. storm water culverts of corru. metal pipe; vit clay pipe and comb. catchbasins and manholes. Greenfield Bros., Santa Cruz, only other bidders, at $13,858.25. Taken under advisement. James K. James, city eng.

STOCKTON, San Joaquin Co., Cal.—Cy Moreing, Commercial & Savings Bank Bldg., Stockton, at $57,347.50 awarded contract by supervisors to pave road from Atlanta to Brennan's corner, 5.8 miles.

Moreing, at $14,320, awarded contract to pave 2 miles of Lane road.

Guy Bros., at $3724 awarded cont. to grade and const. culverts in 5.97 mi. of E. A. Bixley road from end of pavement on Howard Ross road to Clifton court.

SAN DIEGO, Cal.—Until 10:30 a. m., Feb. 26, bids will be rec. by city clerk to imp. Laurel, Curley, Brant, Union, Kalmia and Third Sts., involv. 281,189 sq. ft. paving with 1½-in. asph. conc. wearing surface on 4-in. cem. conc. base; 285.2 lin. ft. cem. conc. curb; 2189.2 sq. ft. gutter surfacing with 1½-in. asph. conc.; 164.25 ft. 15-in. corru. iron culvert; 60.25 ft. 12-in. corru. iron culvert, with 2 catch basins; 11 4-in. conc. sewer laterals; 3 6-in. conc. sewer laterals; 2 conc. intakes; 1911 Act.

Separate bids, same date to imp. Maple, Nutmeg and Olive Sts., involv. 178,918.82 sq. ft. paving with 1½-in. asph. conc. wearing surface on 2½-in. bit. base; 389.03 lin. ft. cem. conc. curb; 1033 sq. ft. cem. conc. sidewalk; 1128 sq. ft. gutter surfacing with asph. concrete; 1911 Act. F. A. Rhodes, city engr.

EUREKA, Humboldt Co., Cal.—City council petitioned to open 7th St., from Pine to Broadway and pave the streets with conc. base and asph. surface from Broadway to Myrtle Ave., work to be done under district assessment plan. Petition presented to grade and gravel A St., from Long to Harris. City Eng. Harry H. Hannah instructed to prepare spec. for latter improvement.

CHICO, Butte Co., Cal.—City trustees deny petition of property owners in 13th subdivision seeking installation of sanitary sewer system on grounds that some sections are without water.

WHITTIER, Cal.—Bids rec. by city trustees, 7506 Pleasant Ave., Los Angeles for vit. pipe in (1) 6-in., (2) 8-in., (3) 10-in. sizes, (4) manholes, (5) junction chamber, were:

Martin G. Brkich—(1) 93c, (2) $1.08, (3) $1.28, (4) $59, (5) $68.

Pernel Barnett—(1) 86c, (2) 95c, (3) $1.50, (4) $65, (5) $63.

Nick Chutuk—(1) 75c, (2) 88c, (3) $1.65, (4) $60, (5) $65.

STOCKTON, San Joaquin Co., Cal.—Bids will be asked immediately by Eugene Graham, county clerk, to pave road from East Union cemetery to Durham road, a distance of 1 mile. F. E. Quail, county surv.

PALO ALTO, Santa Clara Co., Cal.—City Eng. J. F. Baybee, Jr., preparing estimates of cost to install water, sewer and gas mains in Block J

BURLINGAME, San Mateo Co., Cal.—City Eng. C. Torello preparing spec. to open up and pave 37 ft. wide, six blocks of San Mateo drive from Oak Grove Ave., to Easton line; est. cost $35,000 of which abutting property owners will pay $10,000.

SANTA CRUZ, Santa Cruz Co., Cal.—City Eng. James K. James preparing spec. for portions of Almar and Dake Aves.

PALO ALTO, Santa Clara Co., Cal.—Board of Public Works plans widening of Channing Ave., from Guinda St., East to city limits to 60 ft. Assessment district will be formed to finance work.

It is also planned to widen the Embarcadero road from highway to S. P. tracks from 50 to 70 ft. and possibly to 100 ft. J. F. Byrbee, Jr., city eng.

SAN FRANCISCO—Board of Public Works recommends to supervisors reduction of width of sidewalks in Valencia St., bet. Market and Mission Sts., from 15 to 12 ft.; est. cost, $70,000.

SALINAS, Monterey Co., Cal.—Until March 5, 2 p. m., bids will be rec. by T. P. Joy, county clerk, to pave portion of Salinas-Watsonville and Aromas roads, in Dist. No. 1. Spec. on file in office of clerk. Howard Cozzens, county surveyor.

YUBA CITY, Sutter Co., Cal.—County supervisors petitioned to complete paving of Bunce lateral of county highway system bet. the Bunce place and the River highway below Yuba city. O. W. Lanzendorf, county road eng.

SAN JOSE, Santa Clara Co., Cal.—Until Feb. 19, 8 P. M., bids will be rec. by J. J. Lynch, City Clerk, to imp. Vine St., bet. Willow and south city limits; grading; paving with 1½-in. Warrenite-Bit. surface on 3-in. bit. conc. base; conc. curbs, gutters and walks; 6 br. catchbasins; 8-in. vit. pipe drains. 1911 Act and Bond Act -9-5. Cert. check 10% payayble to City req. Wm. Popp, City Eng.

SANTA ANA, Cal.—B. R. Ford, 407 W 17th St., Santa Ana, awarded contr. by city trustees to imp. Linwood Ave., bet. Eastside Ave. and E Central Ave., involv. 57,607 sq. ft. grading and paving with 5-in. cem. conc. at 20c ft.' 385.5 ft. curb at 45c ft.; 105 ft. house sewers at 45c ft. Wells & Bressler bid 20.25c paving, 50c curb and 50c house sewers.

FRESNO, Fresno Co., Cal. — State Railroad Commission denies application of Fresno county supervisors for permit to construct public highway crossing at grade over tracks of S. P. at Ashland Ave.

REDWOOD CITY, San Mateo Co., Cal. City Trustees contemplate early imp. of lower end of Phelps St., from Buckeye St. to south city limits. It is proposed to improve the street with 5-in. conc. pavement. C. L. Dimmitt, City Eng.

PORTERVILLE, Tulare Co., Cal.—Leo Cardwell, Fresno, at $3,431 awarded cont. by City Trustees to grade and pave alley bet. Main and 2nd, Cleveland and Thurman and from Thurman to Harrison and Harrison to Morton Sts., with 5-in. hyd. conc. Other bids were: C. R. Gurdy, Porterville, $3,562; Frederickson & Shannon, Fresno, $3,750.

OROVILLE, Butte Co., Cal.—T. H. and M. C. Polk, 511 2nd St., Chico, at $72,006.80 awarded contract by supervisors to construct Oroville-Chico unit of county highway system lying bet. Wick's corner and the Neal Grade, 9.35 miles in length.

Same bidders awarded contract to const. Nelson road at $53,779.50; 6.07 miles in length

SAN JOSE, Santa Clara Co., Cal.—Hugh Crummey, San Jose, awarded cont. by city council to imp. portion of William St., in the vicinity of 16th St., grading, paving with 1½-in. Warrenite Bit. surface on 3-in. bit. conc. base; conc. curbs, gutters and walks; 2 conc. inlets; 8-in. sewer drains; header walls, etc

OROVILLE, Butte Co., Cal.—County Road Eng. Harry H. Hume preparing plans for following units of county highway system, bids for which will be called as rapidly as plans are completed; 12 mi. section on Chico-Butte City road; three miles to be graveled, remainder to be of asph. macadam.

Completion of Neal Road to Paradise; 5.2 mi. of asph. macadam.

Palermo-Honcut road; asph. macad. 9 miles.

Union School House to Palermo; asph macadam.

16-mi. Humboldt road; graded and surfaced with crushed rock.

AUBURN, Placer Co., Cal. — County supervisors vote $10,000, one-third the cost of constructing a road from Colfax to Iowa Hill; balance, $20,000, will be secured from Forest Service and private subscription, one-third each. Road will be 7 ½miles long.

HERMOSA BEACH, Cal.—Until 8 p. m., Feb. 20, bids will be rec. by city trustees to imp. Camino Real, bet. 14th St. and Pier Ave., involv. grading and paving with 5-in. and 6-in. conc. pavement and oil protective coat; const. redwood headers; Vrooman Act. B. F. Brown, city clerk.

SALEM, Ore.—State Highway Commission takes following action on bids opened at last meeting:

Heppner-Jones Hill Section of Oregon-Washington highway in Morrow county, 11.48 miles of broken stone surfacing; awarded to General Const. Co., Spokane, Wn., $51,592.

Unit No. 2, Crooked River-Deschutes County Line Section of Prineeville-Lakeview highway in Crook county, 8.67 miles of grading; awarded to Crook County Court, bidding conc. pipe, $79,267.50.

Keno-Klamath Falls Section of the Ashland-Klamath Falls highway in Klamath county, 10.98 miles of grading and surfacing: awarded to Dunn & Baker, Klamath Falls, Ore., at $142,054.45 bidding corru. pipe. (awarded subject to approval of U. S. Bureau of Pub. Roads).

Coquille-Fat Creek Section of Roosevelt Coast highway in Coos county, 2.4 miles of grading (dredger work): two bids received: McLeod Bros., Bandon, Ore., $65,298; Pacific Bridge Co., Portland, Ore., $22,255 (not bidding on dredger excavation). Bids rejected and new bids will be asked.

Port Orford-Sixes River Section of Roosevelt Coast highway in Curry county, 3.3 miles of grading and surfacing and 2.76 miles of surfacing: awarded to John Hakenson, Oakland, Calif., at $49,425, using cedar log culverts. (awarded subject to approval of U. S. Bureau of Pub. Roads).

Tygh Grade Section of Dalles-California highway in Wasco county, 6 mi. of grading; awarded to Elliott, Scoggins and Paquet, Portland, Ore., at $194,050, using corru. pipe (award subject to approval of U. S. Bureau of Public Roads).

BUSINESS OPPORTUNITIES

For further information regarding these opportunities may be had from Foreign and Domestic Trade Bureau, San Francisco Chamber of Commerce, Merchants' Exchange Bldg., by referring to Index Number:

6680—San Francisco, Calif. Manufacturer's agent wishes to buy large quantities of scrap metal.

6681—Kandy, Ceylon. Establiahed trading company wishes to represent San Francisco firms exporting groceries, canned gooda, building materials, etc.

6682—Celba, Honduras. Party in Honduras wants to buy a small splitboom placer dredging machine.

6683—San Francisco, Calif. Large and well established export firm in San Francisco wishes to import lumber into the Australian and New Zealand market.

6691—New York City, N. Y. Firm representing high grade Norwegian Portland Cement factories wish to obtain connections with large importers and users of Portland Cement in San Francisco.

6692—Barcelona, Spain. Gentleman with a number of years' experience in the lumber business in Spain desires to represent San Francisco exporters of lumber, especially Oregon pine.

6693—San Luis Potosi, Mexico. Gentleman who has a large deposit of quartz rock suitable for the manufacture of glass desires connections with firms who can use this material.

D-419—New York City, N. Y. Manufacturer of building products, such as floor material, interior decorative materials, etc., desires to appoint San Francisco representative to handle their line in this market.

D-422—Boston, Mass. Established selling organization desires to take on additional California accounts for distribution of products in the New England territory.

D-424—Honolulu, T. H. Party starting in business desires to take on accounts of two or three large San Francisco wholesale houses. This gentleman states he is well known in the Islands and can get the business.

D-426—Sebastopol, Calif. Concern desires to contract with firm for the manufacturing of a miniature town and model farm for exhibit purposes in either pasteboard or wooden construction.

D-429—Richmond, Ind. Manufacturers of new product made of sheet metal for window ventilation desire distributor this market. Descriptive circular on file.

D-433 — Cincinnati, O. Established concern desires to distribute high grade articles made in California; they are also in a position to manufacture, in their plant, California patented articles and distribute same as one year.

D-438—Willows, Calif. Party desires to get in touch with firms who handle machinery for the working of hair combings, switches, etc. Want to purchase machinery direct from manufacturer.

D-439A—Charleston, South Carolina. arty desires to get in touch with concerns in San Francisco and vicinity, who are buyers of scrap iron and relay rails.

6703—San Juan, orto Rico. Firm now representing several large San Francisco houses in Porto Rico is in a position to accept a few additional agencies for that field. Representative is now in San Francisco prepared to talk business.

6707 — Winnipeg, Canada. Publisher of Christmas Greeting Cards would like to get in touch with a firm executing steel die work to cooperate with them in putting out a line of personal greeting cards on the Pacific Coast.

6709 — San Francisco, Cal. Spanish gentleman desires to represent San Francisco firms in Mexico or South America. Good references.

6711 — Santa Marta, Colombia. Firm is willing to take charge of exclusive agency for local manufacturera who desire to enter the Colombian market.

6712 — Kyoto, Japan. Large import and commission merchants desire to form connections with manufacturers and exporters of household articles and machinery.

6714—Tokio, Japan. Importing firm desires to get in touch with reliable supplies of electric apparatus as well as wood-working and shoe machinery.

6715 — Mexico City, Mexico. Firm opening a paraffine candle and soap factory to purchase material used in the manufacture of these commodities.

6716—Maracaibo, Venezuela. Firm is interested in making connections with manufacturers of automobile supplies, electrical supplies, oils and greases. Catalogues, samples and prices requested.

6717 — Larkana, Sind, India. Import firm seeks connections with manufacturers of the following articles: cotton and camel hair belting, cotton driving roper, white metal for bearings, steel split pulleys, belt fastenera and asbestos packing.

6719 — Guatemala City, Guatemala. Gentleman is desirous of getting in touch with firms in a position to ship felt.

6720—San Francisco, Calif. American gentleman, educated at Cambridge University with fifteen years' commercial experience in the Orient, who knows the Cantonese and other dialects so that he can buy and sell directly without the aid of a compadore, wishes to interview San Francisco firms who desire to extend their buying or selling operations in the Orient.

6724 — San Francisco, Calif. Parties in Manchuria desire to purchase well boring machinery in this market.

6725 — Monterrey, Mexico. Firm desires to represent San Francisco houses in Mexico.

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

$1,000 and Over Reported

The following is an index for the contracts for this issue.

No.	Owner	Contractor	Amt.
365	Hale	Owner	4200
366	Cancilla	Fratessa	6800
367	Lewis	Owner	4000
368	Sullivan	Costello	5000
369	Vukicevich	Owner	27500
370	Balzke	Owner	5500
371	Little	Little	16000
372	Steiner	Owner	11000
373	McCrimmins	Kincanon	1450
374	Pinkerton	Owner	2500
375	Rothchild	Eldrup	6100
376	Abrahams	Royal	1000
377	Blum	Muller	2000
378	Fogarty	Costello	5000
379	Crutcher	Hamerton	13000
380	Krobitzsch	Sartorio	12495
381	Battaglia	Owner	2000
382	Altsberger	Steiger	2000
383	Sachs	Hardy	17080
384	Warwick	Van Emon	2975
385	Petrusich	Magnuson	20329
386	Hayes	Conlan-Klein	13960
387	Baumgartner	Owner	10000
388	Crocker	Samuelson	7000
389	Crocker	Samuelson	3500
390	Harmuth	Stiefel	5500
391	Jacobs	Becker	5000
392	Jewell Steel	Barrett-Hilp	5000
393	Gorgodian	Wasserkrug	1400
394	Depew	Ehrhart	12000
395	Harrington	Owner	10000
396	Knowles	Hansen	5000
397	Brownstone	Morrison	980
398	Same	Savison	9580
399	Same	S F Elec	2450
400	Same	Gladding	2180
401	Same	Siepel	1815
402	Sikora	Oyen	25710
403	Hamburger	Sangiacomo	9500
404	Tay	Cal Hydw	2000
405	Pac Emb Co	Schrader	14000
406	Lund	Owner	2000
407	Hamill	Owner	12000
408	Williams	Owner	10000
409	Laubscher	Irvine	11975
410	Hauser	Owner	10000
411	Hermanson	Owner	4000
412	New Era	Owner	8000
413	Same	Same	2000
414	Shannon	Isaacson	3700
415	Wells Fargo	Cahill	1000
416	Thebald	Thunberg	8000
417	Anderson	Owner	26250
418	Little	Moore	10000
419	Bibbero	Schultz	3000
420	Pousero	Owner	10000
421	Levin	Pasqualetti	90000
422	Kirby	Owner	5000
423	Goodwin	Owner	35000
424	Hansen	Owner	3000
425	Johnson	Owner	6000
426	Gatzert	Spragor	1414
427	Boardman	Owner	3000
428	Pierce	Lindgren	50000
429	Masonic Temple	Docst	20000
430	Hamill	Owner	10000
431	Joost	Sugarman	5567
432	Fraux	Stockholm	10000
433	Corbelli	De Martini	3000
434	Smith	Owner	3500
435	Real Est Dev Co	Wagner	18000
436	Roth	Barrett	60000
437	Daniels	Lager	16000
438	Smith	Owner	1800
439	Janssen	Owner	9800
440	Dawe	Owner	1000
441	Coleman	Owner	12000
442	Black	Owner	3500
443	Skinner	Lewis	1000
444	Corbelli	Fracchia	3000
445	Hotel Whitcomb	Home	5000
446	Shaughnessy	Owner	1000
447	Bohlig	Owner	3000
448	Chin Get	Nimmo	1100
449	Klippel	Ingraham	24800
450	S. P. Co.	Holland	——

ALTERATIONS

(365) NO. 2000 BROADWAY. Construct fence, pergola and entrance vestibule for residence.
Owner—O. A. Hale.
Architect—Bliss & Faville, 1001 Balboa Bldg., San Francisco. $4200

DWELLING

(366) SE BURROWS & SAN BRUNO Ave. One-story and basement frame dwelling and one-story frame garage.
Owner—Salvatore Cancilla, 71 Mullen Ave., San Francisco.
Architect—None.
Contractor—Joseph Fratessa, 896 Girard St., San Francisco. $6800

RESIDENCE

(367) W CHERRY 115-2 S Jackson. Two-story and basement frame residence.
Owner—Clarence Lewis.
Designer—N. A. Reinhertz, 110 Sutter St., San Francisco. $4000

FRAME FLATS

(368) W CHATTANOOGA 89 S 24th. Two-story and basement frame (2) flats.
Owner—Edward E. Sullivan, 318 Vicksburg St., San Francisco.
Architect—None.
Contractor—Costello Bros., 821 34th Ave., San Francisco. $5000

APARTMENTS

(369) SW FILBERT AND POLK STS. Three-story and basement frame (12) apartments.
Owner—M. E. Vukicevich, 1442 Taraval St., San Francisco.
Architect—H. E. Baumann and Edw Jose, 251 Kearny St., San Francisco. $27,500

DWELLING

(370) W FORTY-SEVENTH AVE 240 S Cabrillo. Two-story and basement frame dwelling.
Owner — Marie Balzke, 874 48th Ave., San Francisco.
Architect—None. $5500

FRAME FLATS

(371) N FULTON 57-6 and 82-6 E Twentyisecond Ave. Two two-story and basement frame (2 in each) flats.
Owner—John Little, 1035 Lincoln Way, San Francisco.
Architect—None. ?
Contractor — John Little & Son, 1035 Lincoln Way, S. F. $8000 each

FRAME FLATS

(372) NE GREENWICH & BRODERick. Two-story and basement frame (4) flats.
Owner—Steiner & Neumarkel, % Architect.
Architect—E. A. Neumarkel, 544 Market St., San Francisco. $11,000

REPAIRS

(373) NO. 1726 GROVE. Repair fire damage to apartments.
Owner—Mrs. McCrimmins, Premises.
Architect—None.
Contractor—J. G. Kincannon, 159 Sutter St., San Francisco. $1450

DWELLING

(374) S GENEVA AVE 40 E Athens. One-story and basement frame dwelling.
Owner—Harry C. Pinkerton Jr., 157 Bellevue Ave., San Francisco.
Architect—None. $2500

DWELLING

(375) E GOUGH 100 N Chestnut. One story and basement frame dwlg.
Owner—S. V. Rothchild, 235 Montgomery St., San Francisco.
Designer—L. E. Peyser, 2447 26th Ave., San Francisco.
Contractor—Eldrup & Hermanson, 3723 Market St., San Francisco. $6100

ALTERATIONS

(376) NE FILLMORE AND McAllister. New front and balcony; tile work, etc., for drug store.
Owner—Mr. Abrahams, Premises.
Architect—None.
Contractor—Royal Show Case Co., 759 McAllister St., S. F. $1000

ALTERATIONS

(377) NO. 1114 MARKET. Alter store front; add mezzanine floor.
Owner—E. M. Blum, Premises.
Architect—None.
Contractor—Muller & Petersen, 243 7th Ave., San Francisco. $2000

FRAME FLATS

(378) N SEVENTEENTH 55 W Sanchez. Two-story and basement frame (2) flats.
Owner—Walter Fogarty, 1670 Sanchez St., San Francisco.
Architect—None.
Contractor — Costello Bros., 821 34th Ave., San Francisco. $5000

DWELLING

(379) SW SAN LEANDRO AND Monterey Blvd. Two-story and basement frame dwelling.
Owner—M. Crutcher, 83 Westwood Dr., San Francisco.
Architect—None.
Contractor — A. C. Hamerton, 475 Dewey Blvd., S. F. $13,000

ALTERATIONS

(380) NW HARRISON AND SEVENteenth W 105-4¾ NE 378-2¼ S 363-2. All work except electric wiring, lighting fixtures, shades and finish hardware for one-story Class B building and alterations and additions to present building.
Owner—R. W. Krobitzsch, 425 Kearny St., San Francisco.
Architect—W. H. Crim Jr., 425 Kearny St., San Francisco.
Contractor—Chas. Sartorio, 180 Jessie St., San Francisco.
Filed Feb. 2, '23. Dated Jan. 31, '23.
Work completed on present building and concrete poured.$4685.50
Completed and accepted.... 4686.50
Usual 35 days..... 3124.00
TOTAL COST, $12,495.00
Bond, $6248. Sureties, Stephen Guerin and C. Bruschera. Limit, 50 days. Forfeit, none. Plans and specifications filed.

ADDITION

(381) NO. 249-19½ ANDERSON. One story frame addition to dwelling.
Owner—John Battaglia, 249½ Anderson St., San Francisco.

Architect — A. W. Richardson, 941 Church St., San Francisco. $2000

ALTERATIONS
(382) NO. 659 HAIGHT. Alter store; magnesite flooring; plumbing, etc., for living quarters.
Owner—Mr. Altsberger, Larne Hotel, San Francisco.
Architect—None.
Contractor—H. Steiger, 1630 Haight St., San Francisco. $2000

APARTMENTS
(383) S GEARY 94 W Nineteenth Ave. W 26xS 100. All work for three-story frame apartment and store building.
Owner—Carl V. and Rosalie Sachs, 5505 Geary St., San Francisco.
Architect—None.
Contractor—A. M. Hardy, 518 24th Ave. San Francisco.
Filed Feb. 3, '23. Dated Jan. 29, '23.
Frame up $4270
Brown coated 4270
Completed 4270
Usual 35 days..... 4270
TOTAL COST, $17,080
Bond, none. Limit, 130 days. Forfeit, none. Plans and specifications filed.

ELEVATOR
(384) E LARKIN bet. Bush and Sutter All work for one passenger elevator.
Owner — H. C. Warwick, Larkin and Sutter Sts., San Francisco.
Architect—None.
Contractor—Van Emon Elevator Co., Inc., 1161 Howard St., S. F.
Filed Feb. 3, '23. Dated Sept. 20, '22.
On delivery of engine..... ½
Engine in permanent position.. ¼
Balance on completion..... ¼
TOTAL COST, $2975
Bond, limit, forfeit, none. Specifications only filed.

APARTMENTS
(385) E MISSION (as widened) 181-0½ S Twenty-sixth S 40-9¾ m or l E to pt 145 W Capp N 9 W to beg M. B. 199. All work for three-story frame apartment and store bldg.
Owner—Christ and Rade Petrusich, 3485 21st St., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.
Contractor — August Magnuson and Adrian Peterson, 221 Noe St., San Francisco.
Filed Feb. 3, '23. Dated Feb. 2, '23.
Enclosed and roof on.....$5082.25
Brown coated 5082.25
Completed and accepted..... 5082.25
Usual 35 days..... 5082.25
TOTAL COST, $20,329.00
Bond, $10,164.50. Surety, Chas. Monson and Albin Warden. Limit, forfeit, none. Plans and specifications filed.

APARTMENTS
(386) E JULIAN AVE 185 S 15th St. Three-story and basement frame (6) apartments.
Owner—Michael & Margaret Hayes, 179 Albion Ave., S. F.
Architect—None.
Contractor—Conlan & Klein, 1935 Howard St., S. F. $13,960

APARTMENTS
(387) SE SAN JOSE AVENUE AND Tingley St., 2-story and basement frame (4) apartments.
Owner—C. R. Baumgartner, 251 Tingley Ave., S. F.
Architect—R. R. Irvine, 503 Call Bldg., San Francisco.

DWELLINGS
(388) N ATHENS 175 & 200 N Geneva. Two 1-story and basement frame dwellings.
Owner—Crocker Estate Co., 525 Crocker Bldg., S. F.
Architect—None.
Contractor—A. M. Samuelson 290 Rolph St., S. F. $3500 each

DWELLING
(389) S GENEVA 103 W Madrid. One-story and basement frame dwelling.
Owner—Crocker Estate Co. 525 Crocker Bldg., San Francisco.
Architect—None.
Contractor—A. M. Samuelson, 290 Rolph St., San Francisco. $3500

DWELLING
(390) E TWENTY-SEVENTH AVE 242 S Balboa. Two-story and basement frame dwelling.
Owner—Mrs. M. Harmuth, 693 10th Ave San Francisco.
Architect—Hermann Barth, 938 Phelan Bldg., San Francisco.
Contractor—J. V. Stiefel, 184 23rd Ave., San Francisco. $5500

ALTERATIONS
(391) 116 FAIR OAKS STREET. General alterations and repairs for residence.
Owner—Fred Jacobs, 116 Fair Oaks Ave San Francisco.
Designer — H. A. Becker & Son, 3444 22nd St., S. F.
Contractor—Same as designer. $5000

ADDITIONS
(392) 1375 POTRERO AVE. Additions for foundry.
Owner—Jewell Steel & Malleable Co., 1375 Plymouth Ave., S. F.
Plans by owner.
Contractor—Barrett & Hilp, 918 Harrison St., S. F. $5000

ALTERATIONS
(393) 211 KEARNY ST. Alterations for waffle parlor.
Owner—Harry Gorgodian, 211 Kearny St., San Francisco.
Architect—None.
Contractor — J. H. Wasserkrug, 301 Golden Gate Ave., S. F. $1400

APARTMENTS
(394) S BROADWAY 160 E Leavenworth. Two-story and basement frame (8) apartments.
Owner—Wm. H. Depew, 3710 Sacramento St., San Francisco.
Architect—None.
Contractor—R. Ehrhart Co., Olympia Club, S. F. $12,000

RESIDENCE
(395) W MONCADA WAY 148.28 N Cedro Way. 2-story and basement frame residence.
Owner—A. Harrington, 759 26th Avenue San Francisco.
Architect—None. $10,000

SHOP
(396) S HOWARD 175 E 6th. 1-story concrete shop.
Owner—E. C. Knowles, 320 Market St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—F. L. Hansen, 251 Kearny St., S. F. $5000

APARTMENTS
(397) S JACKSON 124-3 E Franklin E 56-3xS 127-8¾. Sheet metal work for apartment house.
Owner—Edgar H. Brownstone and I. R. Kissel, 1540 Polk St., S. F.
Architect — Bliss & Faville, Balboa Bldg., San Francisco.
Contractor—Morrison & Co., 769 McAllister St., San Francisco.
Filed Feb. 5, '23. Dated Jan. 25, '23.
Monthly payments of..... 75%
Usual 35 days..... 25%
TOTAL COST, $980
Bond, $500. Sureties, O. C. Holt and E. V. Lacey. Limit, Sept. 1, 1923. Forfeit, $10. Plans and specifications filed.

(398) PLUMBING WORK ON ABOVE.
Contractor—Frank Davison, 799 Folsom St., San Francisco.
Filed Feb. 5, '23. Dated Jan. 26, '23.
Payments same as above.....
TOTAL COST, $9580.70
Bond, $4760.35. Sureties, J. B. Crow and Thos. J. Guilfoy. Limit, Sept. 1 1923. Forfeit, $10. Plans and specifications filed.

(399) ELECTRICAL WORK ON above.
Contractor—San Francisco Elec. Co., 2 First St., San Francisco.
Filed Feb. 5, '23. Dated Jan. 20, '23.
Payments same as above.....
TOTAL COST, $245
Bond, $1225. Surety, The Fidelity & Casualty Co. Limit, Sept. 1, 1923. Forfeit, $10. Plans and specifications filed

(400) TERRA COTTA WORK ON above.
Contractor—Gladding, McBean & Co. Crocker Bldg., San Francisco.
Filed Feb. 5, '23. Dated Jan. 20, '23.
Payments same as above.....
TOTAL COST, $218
Bond, $2000. Sureties, Atholl McBean and F. C. Davis. Limit, May 1, 1923 Forfeit, $10. Plans and specifications filed.

(401) ORNAMENTAL IRON WORK on above.
Contractor—Seipel & Johnson, 107 Folsom St., San Francisco.
Filed Feb. 5, '23. Dated Jan. 25, '23.
Payments same as above.....
TOTAL COST, $181
Bond, $1361. Sureties, Fidelity & Deposit Co. of Maryland. Limit, Sept. 1, 1923. Forfeit, $10. Plans and specifications filed.

FRAME BLDG.
(402) NW VALENCIA & EIGHTEENTH N 30xW 100. All work for three-story and basement frame building
Owner—Paul F. and Helen V. Sikora, 310 California St., San Francisco.
Architect—None.
Contractor—O. M. Oyen, 67 Carmel St., San Francisco.
Filed Feb. 5, '23. Dated Feb. 2, '23.
2nd story joists in place.....$3800
Roof on 3800
When lathed 3800
Plastering completed 3800
Completed and accepted..... 4080
Usual 35 days..... 6430
TOTAL COST, $25,710
Bond, $13,000. Sureties, O. B. Olsen and G. Hunseth. Limit, 100 days. Forfeit, $20. Plans and specifications filed

STORE AND FLAT
(403) S CLEMENT 105 W Fifteenth Ave W 25xS 100. All work for two story frame building (store and flat).
Owner—David and Minnie Hamburger, 2920 Jackson St., San Francisco.
Architect—Philip Schwerdt, 2920 Jackson St., San Francisco.
Contractor—G. Sangiacomo, 458 9th Ave., San Francisco.
Filed Feb. 5, '23. Dated Feb. 3, '23.
Frame up and roof on.....$2375
Brown coated 2375
Completed and accepted..... 2375
Usual 35 days..... 2375
TOTAL COST, $9500
Bond, $4750. Sureties, S. Firpo and P. Parodi. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(404) N NATOMA & EIGHTH NW 75 x NE 275. All work for Louden Overhead Carrying system in two-story concrete bldg.
Owner—George H Tay Co., 2nd and Mission Sts. S. F.
Architect—J. E. Krafft & Sons, Phelan Bldg., San Francisco.
Contractor—California Hydraulic Engineering & Supply, 70 Fremont Street, San Francisco.
Filed Feb. 5, 1923. Dated Jan. 30, 1923
Completed and accepted $1500
Usual 36 days 500
TOTAL COST, $2000

ond, $1000; Sureties, United States Fi-
ility & Guaranty Co.; Forfeit. $40;
mit, March 31, 1923; Plans and speci-
cations filed.

DDITION
05) INT. E OTIS & NW MISSION N
311-8⅝ SE 92 SW 285-8¾. Structur-
al steel for 2 additional stories to
present building.
wner—The Pacific Embroidery Co.,
110 Sutter St., S. F.
rchitect — Albert W. Burgren, 110
Suter St., S. F.
ontractor—Schrader Iron Works, 1247
Harrison St., S. F.
iled Feb. 5, 1923. Dated Jan. 31, 1923.
4th story beams in place.....$5000
Completed and accepted 5500
Usual 35 days 3500
TOTAL COST $14,000
ond, none; Sureties, none; Forfeit,
0; Limit, 40 days; Plans and specifi-
ations filed.

WELLING
06) W CAPITOL AVE. 300 — De
Montford. One-story and basement
frame dwelling.
wner—O. W. Lund.
rchitect—None. $2000

LATS
07) S CARL 229-5 and 225-5 W Wil-
lard. Two two-story and base-
ment (2 in each) flats.
wner—Thos. Hamill, 6140 Geary St.,
San Francisco.
rchitect—None. $6000 each

LTERATIONS
08) S CORNWALL 82-6 W Fifth
Ave. Alter private garage for
store; other changes for flat.
wner—Geo. A. Williams, 105 Mont-
gomery St., San Francisco.
rchitect—None. $1000

RAME FLATS
09) W DOLORES 34-6 S Fourteenth
Two-story and basement frame (2)
flats.
wner—Louis and Elsie Laubscher, %
Architect.
rchitect — Frederick W. Quandt, 414
Humboldt Bank Bldg., S. F.
ontractor—W. K. Irvine, 1387 Hayes
St., San Francisco. $11,975

IFG. BLDG.
10) N HARRISON 155 E Tenth.
One-story concrete light manufac-
turing building.
wner—Jessie Hauser, 68 Whittier St.,
San Francisco.
rchitect—None. $10,000

WELLING
11) W JULES AVE 225 N Holloway.
One-story and basement frame
dwelling.
wner—Waino L. Hermanson, 410 Peru
Ave., San Francisco.
rchitect—None. $4000

WELLINGS
12) S REGENT 25, 50 and 75 E San
Jose Ave. and SW Regent and San
Jose Ave. Four one-story and
basement frame dwellings.
wner — New Era Building Co., 3289
Mission St., San Francisco.
rchitect—None. $2000 each

DWELLING
13) E SAN JOSE 125 S Regent. One
story and basement frame dwlg.
wner — New Era Building Co., 3289
Mission St., San Francisco.
rchitect—None . $2000

DWELLING
14) S STAPLES 75 E Phelan. One-
story and basement frame dwelling
wner—Mr. & Mrs. John G. Shannon,
461 Staples St., San Francisco.
rchitect — H. C. Sauer, 101 Foerster
St., San Francisco.

Contractor—F. Isaacson, 537 Foerster St., San Francisco. $3700

ALTERATIONS
(415) NE SECOND AND MISSION. Remove two partitions in second floor; erect wood and glass partitions for offices.
Owner—Wells Fargo Building Co., 2nd and Mission Sts., San Francisco.
Architect—None.
Contractor—Cahill Bros., 110 Sutter St. San Francisco. $1000

FRAME FLATS
(416) W TWENTY-FOURTH AVE 125 S California. Two-story and basement frame (2) flats.
Owner—Wm. Theobald, 535 24th Ave., San Francisco.
Architect—None.
Contractor—Oscar W. Thunberg, 678-A Ninth Ave., San Francisco. $8000

FRAME FLATS
(417) E TWENTIETH AVE 276, 300 and 325 N Fulton. Three two-story & basement frame (2 in each) flats.
Owner—A. V. Anderson, 623 21st Ave., San Francisco.
Architect—None. $8750 each

RESIDENCE
(418) S YERBA BUENA 302.27 E Santa Paula Ave. Two-story and basement frame residence.
Owner—Philip Little, 278 Post St., San Francisco.
Architect — Henry H. Gutterson, 278 Post St., San Francisco.
Contractor — Moore & Madsen, 77 O'Farrell St., S. F. $10,000

STORES
(419) S CLEMENT 50 W Twenty-third Ave. One-story frame stores.
Owner—Dr. Bibbero, 825 Anza St., San Francisco.
Architect—C. O. Clausen, Hearst Bldg., San Francisco.
Contractor — Schultz Constr. Co., 46 Kearny St., San Francisco. $3000

ALTERATIONS
(420) NO. 10 STARK. Raise and make alterations and additions to rooming house.
Owner—Ponsero Bros., Premises.
Architect—C. Fantoni, 550 Montgomery St., S. F. $10,000

THEATRE, ETC.
(421) NW GEARY & EIGHTEENTH Ave. One- story Class A theatre and Class C stores.
Owner—Alex. E. and Joseph L. Levin, Chronicle Bldg., San Francisco.
Architect—Reid Bros., 105 Montgomery St., San Francisco.
Contractor — G. B. Pasqualetti, 742 Union St., S. F. $90,000

FRAME FLATS
(422) W TWENTY-FIRST AVE 275 S Geary. Two-story and basement frame (2) flats.
Owner—J. C. Kirby, 430 20th Ave., San Francisco.
Architect—None. $5000

APARTMENTS
(423) S GREENWICH 125 E Van Ness Ave. Three-story and basement frame (12) apartments.
Owner—T. B. Goodwin, 2565 Gough St., San Francisco.
Architect—None. $35,000

DWELLING
(424) E OTSEGO AVE 100 S San Juan One-story and basement frame dwelling.
Owner—Walter E. Hansen, 1919 San Jose Ave., San Francisco.
Architect—Ida F. McCain, 318 Kearny St., San Francisco. $3000

FRAME FLATS
(425) E SIXTEENTH AVE 200 N Fulton. Two-story and basement frame (2) flats.
Owner—Pedu Johnson, 959 Webster St., San Francisco.
Architect—None. $6000

REPAIRS
(426) NO. 2749-51 MISSION. Repair fire damage to store and rooming house.
Owner—Conrad Gatzert, 1825 Fillmore St., San Francisco.
Architect—None.
Contractor — J. B. Spragor, 397 Coleridge St., San Francisco. $1414

ALTERATIONS
(427) NO. 37 WALNUT. Alter flats; erect fire escape.
Owner—Dr. W. W. Boardman, Premises
Architect—Warren C. Perry, 260 California St., San Francisco.
Contractor—Not Yet Selected. $3000

ALTERATIONS
(428) S SACRAMENTO 50 E Battery. Make three-story addition to building now under construction; steel frame and steel joists; concrete floor, etc.
Owner—H. & W. Pierce, Inc., 728 Montgomery St., San Francisco.
Architect—B. G. McDougall, 381 Bush St., San Francisco.
Contractor—Lindgren Co., 954 Monadnock Bldg., S. F. $50,000

LODGE HALL
(429) NW SAN JOSE AVE & SAN Juan. Two-story and basement frame lodge hall.
Owner—George Washington Masonic Temple Ass'n., 85 Delano Ave., San Francisco.
Architect—John Parlett, 131 11th St., San Mateo.
Contractor—Doest & Doelger, 743 Irving St., San Francisco. $20,000

FRAME FLATS
(430) SE CLEMENT AND TWENTY-ninth Ave. Two-story and basement frame (4) flats.
Owner—Thos. Hamill, 6140 Geary St., San Francisco.
Architect—None. $10,000

APARTMENTS
(431) NE GOLDEN GATE AVE AND Baker. Sewerage and plumbing work for three-story and basement frame apartment building.
Owner—W. H. Joost, % Architect.
Architect— Arthur G. Scholz, Phelan Bldg., San Francisco.
Contractor—E. Sugarman, 4415 California St., San Francisco.
Filed Feb. 7, '23. Dated Feb. 7, '23.
Roofing in completed and bath tubs in 50%
Completed and accepted..... 25%
Usual 35 days..... 25%
TOTAL COST, $5567
Bond, none. Limit, without delay. Forfeit, $25. Plans and specifications none.

FRAME FLATS
(432) E GOUGH 100 S Chestnut. Two-story and basement frame (2) flats
Owner—Marie Fraux, 520 Jones St., San Francisco.
Plans by Owner.
Contractor—Chas. Stockholm & Sons. 849 Monadnock Bldg., S. F. $10,000

STORE
(433) S GENEVA 345 E Mission. One story frame store.
Owner—A. Corbelli, 1232 Pacific St., San Francisco.
Architect—P. F. De Martini, 946 Broadway, San Francisco.
Contractor—J. Fracchia, 18 Cunningham Place, S. F. $3000

APARTMENTS
(434) SE GEARY AND TWENTY-third Ave. Three-story and basement frame (8) apartments and stores.
Owner—Robt. H. Smith, 180 Jessie St., San Francisco.
Architect—C. O. Clausen, Hearst Bldg., San Francisco. $35,000

FACTORY
(435) NE SEVENTENTH & KANSAS. One-story concrete factory.
Owner—Real Estate Development Co., Hearst Bldg., San Francisco.
Architect—None.
Contractor—Geo. Wagner, 251 Kearny St., San Francisco. $18,000

PACKING HOUSE
(436) N TOWNSEND 183-4 E Fifth. One-story Class C packing house.
Owner—Roth, Winter & Walsh, 1271 Mission St., San Francisco.
Architect—Ward & Blohme, 454 California St., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco. $60,000

APARTMENTS
(437) N UNION bet. Scott and Pierce. Two-story and basement frame (4) apartments.
Owner—Major Thomas C. Daniels.
Architect — Edward E. Young, 251 Kearny St., San Francisco.
Contractor—Lager & Van Franz, 180 Jessie St., San Francisco. $16,000

RESIDENCE
(438) E CAPITOL AVE 35 S Montana. One-story and basement frame residence.
Owner—H. W. Smith, 1101 Crocker Bldg., San Francisco.
Architect—None. $1800

FRAME FLATS
(439) SE CABRILLO AND SEVENteenth Ave. Two-story and basement frame (4) flats.
Owner—E. A. Janssen, 402 Hearst Bldg San Francisco.
Architect—None. $9800

DWELLING
(440) W BEVERLY 125 S Garfield. One-story and basement frame dwelling.
Owner—J. Dawe, 260 Beverly St., S. F.
Architect—None . $1000

DWELLINGS
(441) N BALBOA 82-6, 107-6 & 132-6 W Twenty-second Ave. Three one story and basement frame dwlgs.
Owner—E. Coleman, 5516 Geary St., San Francisco.
Architect—None. $4000 each

ALTERATIONS
(442) N CALIFORNIA 75 E Twenty-third Ave. Move, raise and make minor additions and alterations for apartments.
Owner—Mrs. Black.
Designer—P. H. Edminster, 1119 Shotwell St., San Francisco.
Contractor — P. H Edminster, 1119 Shotwell St., S. F. $3500

ALTERATIONS
(443) NO. 243 DUBOCE AVE. Erect partitions in apartments; construct closets, baths, etc.
Owner—S. E. Skinner. Premises.
Architect—None
Contractor—H. C. Lewis, 420 Plymouth Ave., San Francisco. $1000

STORE
(444) S GENEVA 320 W Mission. One-story frame store.
Owner—A. Corbelli, 1232 Pacific St., San Francisco.
Architect—P. F. De Martini, 946 Broadway, San Francisco
Contractor—J. Fracchia, 18 Cunningham Place, S. F $3000

ALTERATIONS
(445) NO. 1231 MARKET. Re-arrange store front.
Owner—Hotel Whitcomb (Jas. Otis, Trustee), Premises.
Architect—Geo. Rushforth, 354 Pine St., San Francisco.
Contractor—Home Mfg. Co., 533 Brannan St., S. F. $5000

ALTERATIONS
(446) NO. 43 NORDHOFF. General alterations and repairs for (2) flats
Owner—M. P. Shaughnessy, Stockton.
Architect—None. $1000

ALTERATIONS
(447) NO. 1740 POST. Underpin store and dwelling; make other repairs and alterations.
Owner—Mrs. J. H. Bohlig, 795 Pine St., San Francisco.
Plans by Owner. $3000

ALTERATIONS
(448) NO. 858 WASHINGTON. Erect partitions in dwelling; other minor repairs and additions.
Owner—Chin Get, Premises.
Architect—None.
Contractor—George Nimmo, 634 Clay St., San Francisco. $1100

APARTMENT FLATS
(449) SE GEARY AND TWENTY-seventh Ave S 100xE 60. All work except plumbing for two-story frame building (apartment flats).
Owner—Konrad and Josepha Klippel, San Leandro.
Architect—G. A. Berger, 261 Valencia St., San Francisco.
Contractor—M. C. Ingraham, 165 Fell St., San Francisco.
Filed Feb. 8, '23. Dated Feb. 2, '23.
Grading completed, concrete foundation done, 2nd story joists in $3100
Roof on and inside partitions in 3100
Brown coated and tar and gravel roof done 6200
Completed and accepted..... 6200
Usual 35 days..... 6200
TOTAL COST, $24,800
Bond, $12,500. Sureties, J. C. Moore Jr. and J. C. Moore. Limit, 120 days. Forfeit, $10. Plans and specifications filed

FILLING STOCK PENS
(450) QUINT, bet. Galvez and Hudson. All work for filling stock pens of railroad with earth.
Owner—Southern Pacific Co.
Architect—None.
Contractor—J. P. Holland, 540 Brannan St., San Francisco .
Filed Feb. 8, '23. Dated Jan. 13, '23.
Monthly payments of..... 75%
Usual 35 days..... 25%
TOTAL COST, 60c per cubic yard of dirt, approx. 6000 cubic yards.
Bond, $2000. Surety, Fidelity & Deposit Co. of Maryland. Limit, 60 days. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Amount
Feb. 2, 1923—E JONES 95 N Sutter N 42-3xE 68-9. Ferd M Stich to J Steur.....Feb. 2, 1923
Feb. 2, 1923—SE BUSH & FRANKlin E 100xS 120. Jos Pasqualetti to whom it may concern.Feb. 2, 1923
Feb. 2, 1923—E LOYOLA TERRACE 40-6 N Fulton. W R Voorhies to whom it may concern....Feb. 1, 1923
Feb. 2, 1923—W FLORA 125 S Bay View. Madden Hammersmith Development Co to whom it may concern .....Jan. 8, 1923
Feb. 5, 1923—SE MISSION 250 SW Russia Ave SW 25 x SE 836. Ivan Eterovich to whom it may concern .....Feb. 3, 1923
Feb. 6, 1923—N 18th 100 E DOLORES. Hannah Bell to W. K. Irvine..... .....Feb. 1, 1923
Feb. 5, 1923—NE 15th & NATOMA. John Ghirardelli to whom it may concern .....Feb. 6, 1932
Feb. 6, 1923—S BRYANT 76-3 E Third 45x80. Samuel Schell to whom it may concern....Feb. 1, 1923
Feb. 5, 1923—NW WASHINGTON & Webster N 92-4½ W 27-6 S 92-4½ E to beg. John G Schroder to whom it may concern.....Feb. 1, 1923
Feb. 5, 1932—S O'FARRELL 137-6 E Steiner E 90xS 137-6. Joseph Pasqualetti to whom it may concern.....Feb. 5, 1923
Feb. 5, 1923—LOTS 3 AND 5 BLK 3111 Westwood Park. Linnie and Gordon W Morris to whom it may concern.....Feb. 2, 1923
Feb. 5, 1923—NW SAN JOSE AVE 75 NE Goethe NE 50 x NW 100 Lots 16 & 17 Blk H Sub Mission St Land Co. Henry W. Haustein to whom it may concern .....Feb. 2, 1923
Feb. 6, 1923—W TWENTY-FIRST Ave 50 and 75 S Anza S 25xW 82-6. Michael M Donough to whom it may concern.....Feb. 5, 1923
Feb. 6, 1923—W TWENTIETH AVE 225 and 200 S Moraga 25x120. Bud Kerrington to whom it may concern.....Feb. 6, 1923
Feb. 6, 1923—S LAKE 57-6 E Fifth Ave E 25xS 100. H M Hageman to Barrett & Hilp.....Feb. 2, 1923
Feb. 5, 1923—N CLARA 150 W Fifth J E O'Mara Co to J Johnson..... .....Feb. 5, 1923
Feb. 6, 1923—E BECKETT 68 N Jackson N 35xE 60. Quan Ming to J Martinelli.....Jan. 30, 1933
Feb. 7, 1923—SW MASON AND EDDY S 137-6xW 137-6. Jas K Prior Jr et al to D Zelinsky & Sons..... .....Feb. 2, 1923
Feb. 7, 1923—E TWENTY-EIGHTH Ave 275 and 125 N Balboa. Jonathan Anderson to Meyer Bros..... .....Feb. 7, 1923
Feb. 7, 1923—W EIGHTH AVE 75 N Judah N 25xW 70. Frank Doelger and Cora Doelger to whom it may concern .....Jan. 25, 1923
Feb. 8, 1923—W EDNA 50 S Flood Ave S 25xW 100 Lot 48 Blk 18, Sunnyside. Henry W Austin to Jas Arnott & Son.....Jan. 27, 1923
Feb. 8, 1923—SE MARKET 330 NW Seventh SE 165xSW 44. A F Rousseau and Marian Realty Co to whom it may concern....Feb. 7, 1923
Feb. 8, 1923—S FULTON 137-6 W Scott W 37-6xS 137-6. Wm Cohn to Abrahamson & Cohn..Feb. 7, '23
Feb. 8, 1923—W YORK 125 S 26th S 125xW 100. Jos M Sala to Thos F Mitchell.....Feb. 8, 1923

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Amount
Feb. 2, 1923—S BROADWAY 80 W Laguna W 47xS 100. N A Hanson vs Alden F and Elmina A Potter.. ....$197.50
Feb. 5, 1923—W FAXON AVE 300 S Demontford S 50xW 112-6; W Faxon Ave 375 S Demontford S 25xW 112-6. J H Kruse vs W H Depew, Henry F Beede, Ralph M Beede and W B Hopkins $1489.03
Feb. 5, 1923—NE CORTLAND AVE 50 NW Coleridge NW 25 x NE 80 Ptn. Lot 69-70-71-72 & 60½ Cobb Tct. George M. Merritt Building Co. vs. A. L. Gray & Catherine Gray....$385
Feb. 7, 1923—NO. 135 CAPP E Capp 141-6 S 16th S 60 E 104-11 N 60 W 104-11. Peerless Roof Paint & Repairing Co vs Simon Hartman.$40

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded Amount

Feb. 8, 1923—N EIGHTEENTH 25 E Arkansas E 25xN 72-6. John O'Hara to Emilio Bertoletti .....

Feb. 8, 1923—SW SAN BRUNO 33.75 SE Rickard SE 25xSW 103.60. Carl Frank to Giovanni and Concetta Cangglano $250

Feb. 8, 1923—SE PATTON AND APleton Ave E 25 S 117.25 W 24-10 N 117 m or l. Jos Howard to M O'Toole .....

BUILDING CONTRACTS

ALAMEDA COUNTY

$1,000 and Over Reported

The following is an index for the contracts for this issue:

No.	Owner	Contractor	Amt.
468	Oszdoff	Burritt	5200
469	Knight	Field	14250
470	Young	Blethroad	8000
471	Young	Blethroad	8000
472	Ward ..	Fleischer	5300
473	Waldron	Dawson	12000
474	Hodge	Owner	2000
475	Petersen	Owner	7945
476	Marlott	Owner	3000
477	Cisero	Owner	3000
478	Tomatis	Owner	3000
479	Armstrong	Calif	12500
480	Alameda	Boeing	2000
481	Same	Same	2000
482	Standard	Owner	4000
483	Martin	Bishop	1000
484	Solomonson	Owner	1000
485	Meyer	Sommarstrom	2000
486	Johnson	Brayton	6000
487	Brennan	Catton	3880
488	Hendrickson	Owner	2300
489	Ennor	Brennan	55000
490	Weston	Owner	4300
491	Pfaff	Owner	3000
492	Parker	Calif	4000
493	Same	Same	11000
494	Morrison	Zeile	3500
495	Turner	Flittner	7250
496	Robinson	Gaba	5000
497	Dow	De Vore	1200
498	Palm	Jacques	2500
499	Andersen	Owner	3000
500	Dwyer	Owner	4000
501	Wiel	Kulchar	1500
502	Tum Suden	Parker	6500
503	Lindsay	Owner	3600
504	Neal	Neal	4000
505	Koenig	Van Horn	3000
506	Wallace	Goranson	2650
507	Whitthorne	Lawton	38348
508	Martin	MacGregor	6818
509	Ericsson	Owner	2800
510	Roback	Pearson	2168
511	Graves	Owner	5000
512	Lister	Campomenosi	2350
513	White	Owner	2500
514	Rinkert	Owner	2500
515	Van Ness	Van Ness	2500
516	Comestock	Critchett	4750
517	Fisher	Owner	1000
518	Mulligan	Langtry	5000
519	Cline	Self	1900
520	Hogan	MacGregor	71100
521	Same	Same	35650
522	Same	Same	35550
523	Same	Same	55300
524	Whalen	Owner	3950
525	Same	Same	7900
526	Bandy	Owner	4000
527	Weepiel	Anderson	2000
528	Legris	Owner	3500
529	Same	Same	3500
530	Same	Same	3500
531	Walton	Miller	6000
532	Schulz	Dutra	8600
533	Parker	Maasberg	4725
534	Bell	Hopper	3280
535	Hebern	Ne Page	18169
536	Graves	Norgrove	5077
537	Galbrick	Bertelson	7500
538	Garrett	Owner	6000
539	Vinson	Owner	4750
540	Same	Same	4500
541	Taylor	Owner	9000
542	Same	Same	16000
543	Leonard	Owner	20000
544	Jackson	Owner	13500
545	MacGregor	Owner	5000
546	Anderson	Owner	5000
547	Eliassen	Owner	16500
548	Skuden	Owner	3000
549	Wilson	Chapton	2300
550	Feldhammer	Roth	8600
551	Warmington	Hohn	6000
552	Firby	Perrott	3600
553	Longbotham	Wolbold	6000
554	Simleness	Owner	8000
555	Sorinson	Anderson	3000
556	Hornung	Owner	5000
557	Hillegas	Owner	2500
558	McLure	Marshall	4000
559	Jennings	Owner	2000
560	Chambers	Owner	1600
561	Finn	Dolan	7950
562	Parker	Maasberg	4725
563	Reeves	Owner	4800
564	Gibbs	Lindquist	4750
565	Sayers	Webb	1000
566	Matheyer	Matheyer	3400
567	Bain	Steffen	2400
568	Porter	Owner	3500
569	Bed	Hopper	3260
570	Brannan	Knight	20000
571	Roberts	Short	6200
572	Claussenius	Knight	46000
573	Baddeley	Knight	16000
574	Naylor	McCollough	4000
575	Strain	Owner	2000
576	Pallen	Owner	4250
577	Howard	Henderson	3000
578	Bd. Education	Brennan	1650
579	Nibel	Owner	3150
580	Hanson	Owner	5750
581	Legris	Owner	4000
582	Cordy	Johnson	25000
583	San Martino	Migherini	1500
584	Morill	Bellamy	10300
585	Lewis	Lehman	5350
586	Houck	Owner	10000
587	Sydes	Owner	3800
588	Kearney	Grodem	9500
589	Hebern	Vermont	4577
590	Same	Dwan	5547
591	Same	Keefe	5535
592	Havens	Murch	11109

DWELLING
(468) 225 CARMEL AVE, Piedmont. 1-story 6-room dwelling and garage.
Owner — W. Oszdoff, 282 Ridgeway, Oakland.
Architect—None.
Contractor—O. L. Burritt, 427 63rd St., Oakland. $5200

DWELLING
(469) 340 UNION AVE., Piedmont. 2-story 9-room dwelling and garage.
Owner—H. C. Knight, 388 12th St., Oakland.
Architect—None.
Contractor—E. Field, First Savings Bk Bldg., Oakland. $14,250

DWELLINGS
(470) 1400 & 1404 OXFORD ST, Berkeley. 2 1-story frame dwellings.
Owner—Roy L. Young, 2118 Shattuck Ave., Berkeley.
Architect—None.
Contractor — D. T. Blethroad, 1912 Channing Way, Berkeley. $4000 ea

DWELLINGS
(471) 2136 & 2140 ROSE ST., Berkeley. 2 1-story 5-room dwellings.
Owner—Roy J. Young, 2118 Shattuck Ave., Berkeley.
Architect—None.
Contractor — D. T. Blethroad, 1912 Channing Way., Berk. $4000 ea.

DWELLING
(472) 561 SPRUCE ST, Berkeley. 1-story 5-room dwelling.
Owner—E. Ward, 2222 Durant, Berk.
Architect—None.
Contractor—Chas. M. Fleischer, 1940 Bonita, Berkeley. $5800

DWELLING
(473) 102 UPLANDS, Berkeley. 2-story 9-room dwelling.
Owner—Mrs. Lewis H. Waldron, 2610 Hillgass Ave., Berkeley.
Architect—Walter B. Philip, 1073 Monadnock Bldg., S. F.
Contractor—J. Dawson, 1136 Sutter St., Berkeley. $12,000

ALTERATIONS
(474) NO. 1711 E-FOURTEEENTH St., Oakland. Alterations.
Owner—John R. Hodge, Premises.
Architect—None. $2000

STORES
(475) W PIEDMONT AVE. nr Montel, Oakland. One-story 5-room stores
Owner—Alma J. Petersen, 90 Rio Vista Ave., Oakland.
Architect—None. $7945

DWELLING
(476) E SIXTY-SEVENTH AVE 110 S Arthur, Oakland. One-story 5-room dwelling.
Owner—E. D. Marlatt, 1156 Seminary Ave., Oakland.
Architect—None. $3000

DWELLING
(477) NE FORTIETH AND MARKET, Oakland. One-story 5-room dwlg.
Owner—Cisero & Rainerl, 458 42nd St., Oakland.
Architect—None. $3000

DWELLING
(478) N FORTY-SEVENTH 35 E Market, Oakland. One-story 4-room dwelling.
Owner—G. Tomatis, 918 47th St., Okd.
Architect—None . $3000

APARTMENTS
(479) E KINGSLEY AVE 180 N Hopkins, Oakland. Two-story 16-room apartments and garage.
Owner—Chas. A. Armstrong.
Architect—None .
Contractor — California Builders Co., 1534 Franklin St., Oakland. . $12,500

DWELLING
(480) NO. 3415 MAPLE AVE., Oakland. One-story 4-room dwelling.
Owner—Alameda Investment Co., Syndicate Bldg., Oakland.
Architect—None.
Contractor—E. L. Boeing, 3906 Loma Vista St., Oakland. $2000

DWELLING
(481) NO. 3432 PERALTA AVE., Oakland. One-story 4-room dwelling.
Owner—Alameda Investment Co., Syndicate Bldg., Oakland.
Architect—None.
Contractor—E. L. Boeing, 3906 Loma Vista St., Oakland. $2000

STATION
(482) SE SECOND & E-EIGHTEENTH Oakland. One-story steel service station.
Owner—Standard Oil Co.
Architect—None. $4000

ALTERATIONS
(483) NO. 472 SANTA CLARA AVE., Oakland. Alterations.
Owner—Harry Martin, Premises.
Architect—None.
Contractor—J. B. Bishop, 811 Adame St. Albany. $1000

DWELLING
(484) W SIXTY-FIRST AVE 150 S Tevis, Oakland. One-story two-room dwelling.
Owner—S. Solomonson and A. Blockstad, 132 E-12th St., Oakland.
Architect—None. $1000

ALTERATIONS
(485) NO. 718 WASHINGTON, Oakland Alterations.
Owner—J. Meyer.

Architect—None.
Contractor — M. Felix Sommarstrom, 403 15th St., Oakland. $2000

DWELLING
(486) LOT 9 BLK 'E" Montclair Est., Oakland. All work for one-story frame dwelling.
Owner—C. B. Johnson, Oakland.
Architect—Hamilton Murdock, Syndicate Bldg., Oakland.
Contractor—F. R. Brayten, 5638 Ayala St., Oakland.
Filed Feb. 3, '23. Dated Feb. 2, '23.
Floor on $1125
Ready for plaster..... 1125
Plastered 1125
Completed and accepted..... 1125
Usual 35 days..... 1500
TOTAL COS. $6000
Bond, none. Limit, 60 days. Forfeit, none Plans and specifications filed.

PLUMBING
(487) LOT 8 AND W 11 LOT 9 BLK "B" Blake Tract No. 1, Berkeley. All work for plumbing for two-story and basement restaurant building.
Owner—J. P. Brennan, 1519 Hearst Ave. Berkeley.
Architect—Jas. W. Plachek, 2014 Shattuck Ave., Berkeley.
Contractor — Thos. R. Catton, 351 12th St., Oakland.
Filed Feb. 3, '23. Dated Jan. 30, '23.
1st and 15th of each month.. 75%
Usual 35 days 25%
TOTAL COST, $3880
Bond, none. Limit, 120 days. Forfeit, plans and specifications, none.

DWELLING
(488) NO. 1425 ALLSTON WAY, Berkeley. One-story 5-room dwelling.
Owner—Adolph Hendrickson, 1415 Allston Way, Berkeley.
Architect—None. $2300

RESTAURANT
(489) NO. 2128-30 CENTER ST., Berkeley. Two-story Class C restaurant.
Owner—H. W. Ennor.
Architect—Jas. W. Plachek, 2014 Shattuck Ave., Berkeley.
Contractor—John P. Brennan, 1519 Hearst Ave., Berkeley. $55,000

DWELLING
(490) NO. 955 FRESNO, Berkeley. One-story 6-room dwelling.
Owner—John O. Weston, 1731 Dwight Way, Berkeley.
Architect—None. $4300

DWELLING
(491) NO. 14 INDIAN ROCK PATH, Berkeley. Two-story 7-room dwlg.
Owner — Fred Pfaff, 1605 Grant St., Berkeley.
Architect—None. $3000

DWELLING
(492) NO. 1526 OXFORD ST., Berkeley One-story 6-room dwelling.
Owner—Mary A. Parker.
Architect—None.
Contractor — California Builders Co., 1534 Franklin St., Oakland. $4000

FLATS
(493) NO. 1522-24-26 OXFORD ST., Berkeley. Two-story 16-room flats.
Owner—Mary A. Parker.
Architect—None.
Contractor — California Builders Co., 1534 Franklin St., Okd. $11,000

DWELLING
(494) NO. 1608 VIRGINIA, Berkeley. One-story 5-room dwelling.
Owner—W. J. Morrison, 1618 Grant St., Berkeley.
Architect—None.
Contractor—Carl N Zelle, 2544 Milvia St., Berkeley. $3500

FLATS
(495) NO. 3729 AND 3731 E-FOURteenth, Oakland. Two-story 6-room store and flats.
Owner — Frank Turner, 3747 E-14th St., Oakland.
Architect—A. W. Smith, 1010 Broadway, Oakland.
Contractor—Jos. Filttner, 1700 35th Ave., Oakland. $7250

DWELLING
(496) W CHABOT ROAD 800 E College Ave., Oakland. One-story 6-room dwelling.
Owner—E. M. Robinson, 6434 Benvenue Ave., Oakland.
Architect—None.
Contractor—J. W. Gaba, 5536 Hermosa Ave., Oakland. $5000

ALTERATIONS
(497) NO. 2375 FOOTHILL BLVD., Oakland. Alterations and additions
Owner—Anna Dow, 2365 Foothill Blvd Oakland.
Architect—None.
Contractor—P. R. De Vore, 2365 Foothill Blvd., Oakland. $1200

DWELLING
(498) E FIFTY-EIGHTH AVE 160 S Tevis, Oakland. One-story 4-room dwelling.
Owner—E. C. Palm, 3475 38th Ave., Oakland.
Architect—None.
Contractor—L. A. Jacques, 9235 Holly St., Oakland. $2500

DWELLINGS
(499) NO. 285 & 287 FORTY-FIFTH Oakland. Two one-story 3-room dwellings.
Owner—C. N. Andersen, 674 45th St., Oakland.
Architect—None. $1500 each

STORES
(500) S FORTIETH 70 E Howe, Oakland. One-story 3-room stores.
Owner — D. J. Dwyer, 35 Blair Ave., Piedmont.
Architect—None. $4000

ALTERATIONS
(501) SW GRAND AVE & WEBSTER, Oakland. Alterations.
Owner—C. H. Wiel, premises.
Architect—None .
Contractor—S. Kulchar & Co., SW Cor. 8th Ave. and E-10th St., Oakland. $1500

DWELLING
(502) N HOLLYWOOD AVE 60 E El Centro, Oakland. 1-story 6-room dwelling.
Owner—Geo. Tum Suden, 1201 E-14th St., Oakland.
Architect—None.
Contractor—Joseph Parker, 944 E-14th St., Oakland. $6500

DWELLING
(503) 5831 KEITH AVE, Oakland. 1-story 5-room dwelling.
Owner—H. H. Lindsay, 5025 Keith Ave. Oakland.
Architect-- None. $3500

DWELLING
(504) 5948 MILLS ST. Oakland. 1-story 6-room dwelling.
Owner—Irene E. Neal, premises.
Architect—None.
Contractor—Glen Neal, premises. $4000

DWELLING
(505) 1453 SIXTY-NINTH AVE., Oakland. 1-story 5-room dwelling.
Owner—Marc W. Koenig, Bank of Italy Bldg., Oakland.
Architect—None.
Contractor—D. W. Van Horn, Mauritiana, Oakland. $3000

DWELLING
(506) 3522 WISON AVE., Oakland. 1-story 4-room dwelling.
Owner—Mrs. M. Wallace, 2701 Hopkins St., Oakland.
Architect—None.
Contractor—H. Goranson, 3476 Laguna Ave., Oakland. $2650

STORE
(507) N TENTH ST. 100 W Washington St. N 100 W 84, Oakland. 1-story concrete store.
Owner—W. Whitthorne & Swan, prem.
Architect—Wm. Knowles, Central Bk. Bldg., Oakland.
Contractor — Lawton & Vezey, Call Bldg., San Francisco.
Filed Feb. 5, 1923. Dated Feb. 5, 1923.
Ea. 3 weeks 75%
Usual 35 days 25%
TOTAL COST, $33,343
Bond, $19,171.50; Sureties, U. S. Fidelity & Guaranty Co; Bonus, $100 day; Forfeit, $100 day; Limit, 75 days; Plans & Specifications filed.

DWELLING
(508) 1058 CLARENDON CRESCENT being Lot 150 Crocker Highland Tract, Oakland. 1-story dwelling and garage.
Owner—Kenneth C. Martin, Oakland Bank Bldg., Oakland.
Architect—George O'Brien, Bacon Bldg. Oakland.
Contractor—C. M. MacGregor, 470 13th St., Oakland.
Filed Feb. 5, 1923. Dated Jan. 25, 1923.
Frame up .....¼
Brown coated .....¼
Standing finish on .....¼
Completed and accepted .....¼
TOTAL COST, $5818
Bond, $2909; Sureties, G. A .Scott & J. F. Smith; Forfeit, none; Limit, 90 days; Plans and specifications filed.

DWELLING
(509) 1319 ADDISON, Berkeley. 1-sto. 4-room dwelling.
Owner—Carl Ericsson, 1146 Masonic Ave., Berkeley.
Architect—None. $2800

DWELLING
(510) 1346 HEARST AVE., Berkeley. 1-story 3-room dwelling.
Owner—Mary Roback, 63rd & Adeline Sts., Berkeley.
Architect—None.
Contractor — Ben Pearson, 2403 Grant St., Berkeley. $2158

DWELLING
(511) 1701 MARIN, Berkeley. 1-story 6-room dwelling.
Architect—None. $5000
Owner—M. P. Graves, 1907 University Ave., Berkeley.

DWELLING
(512) 2221 SACRAMENTO, Berkeley. 1-story 3-room dwelling.
Owner—E. D. Lister, 1089 Sanford Ave Berkeley.
Architect—None.
Contractor — E. Campomenosl, 5238 Lawton Ave., Oakland. $2350

DWELLING
(513) 1543 VIRGINIA, Berkeley. 1-sto. 4-room dwelling.
Owner—A. L. White, 1631 Edith, Berk.
Architect—None. $2500

DWELLING
(514) NO. 2349 PERALTA AVE., Oakland. One-story 4-room dwelling.
Owner—Otto Rinkert, 3510 Peralta Ave Oakland.
Architect—None. $2500

DWELLING
(515) W WILSON AVE 250 N Hopkins, Oakland. One-story 5-room dwlg.
Owner—Elbert Van Ness.
Architect—None.
Contractor—L. E. Van Ness, 2536 Hopkins St., Oakland. $3500

DWELLING
(516) E 106TH AVE 33 S Graffian St., Oakland. One-story 5-room dwlg.
Owner — Mrs. M. C. Comestock, 3855 Greenwood Ave., Oakland.
Architect—None.
Contractor—Frank Critchett, Oakland Bank Bldg., Oakland. $4750

ALTERATIONS
(517) NO. 3327 BRUCE ST., Oakland. Alterations and additions.
Owner—P. Fisher, 58 Rio Vista Ave., Oakland.
Architect—None. $1000

DWELLING
(518) NO. 509 ROSAL AVE., Oakland. One-story 6-room dwelling.
Owner—Mrs. Mary Mulligan, 1102 Center St., Oakland.
Architect—None.
Contractor—J. R. Langtry, 739 Aileen St., Oakland. $5000

DWELLING
(519) N SEVENTY-FIFTH AVE 400 S E-Fourteenth, Oakland. One-story 3-room dwelling.
Owner—F. E. Cline, 926 Powell St., San Francisco.
Architect—None.
Contractor—L. B. Self, 2612 13th Ave., Oakland. $1900

DWELLINGS
(520) NO. 3001, 07, 15, 21, 27, 33, 39 3101, 07, 15, 21, 27, 33, 39, 45, 51, 59 and 53 Kingsland Ave., Oakland. Eighteen one-story 6-room dwlgs.
Owner—J. F. Hogan, 2766 Kingsland Ave., Oakland.
Architect—None.
Contractor—C. M. MacGregor, 470 13th St., Oakland. $3950 each

DWELLINGS
(521) NO. 3024, 30, 3100, 06, 12, 18, 24, 30 and 36 Rawson Ave., Oakland. Nine one-story 6-room dwelling.
Owner—J. F. Hogan, 2766 Kingsland Ave., Oakland.
Architect—None.
Contractor—C. M. MacGregor, 470 13th St., Oakland. $3950 each

DWELLINGS
(522) NO. 2933-39-45-51-3001-07-15-21 3101 Madera Ave., Oakland. Nine one-story 6-room dwellings.
Owner—J. F. Hogan, 2766 Kingsland Ave., Oakland.
Architect—None.
Contractor—C. M. MacGregor, 470 13th St., Oakland. $3950 each

DWELLINGS
(523) NO. 3001-06-12-18-07-15-21-27-33-39-45-51-57-3150 Modesto St., Oakland. Fourteen one-story 6-room dwellings.
Owner—J. F. Hogan, 2766 Kingsland Ave., Oakland.
Architect—None .
Contractor—C. M. MacGregor, 470 13th St., Oakland. $3950 each

DWELLING
(524) NO. 521 E-TWENTIETH ST., Oakland. One-story 5-room dwlg.
Owner—J. F. Whalen, Federal Bldg., Oakland.
Architect—None. $3950

DWELLINGS
(525) NO. 1921-27 SIXTH AVE., Oakland. Two one-story 5-room dwlgs.
Owner—J. F. Whalen, Federal Bldg., Oakland.
Architect—None. $3950 each

DWELLING
(526) NO. 716 FIFTY-FIFTH ST., Oakland. One-story 5-roo mdwlg.
Owner—J. M. Bandy, 5301 Dover St., Oakland.
Architect—None. $4000

DWELLING
(527) NO. 1724 E-FOURTEENTH ST., Oakland. One-story 4-room dwlg.
Owner—J. E. Wespiel, 2574 E-14th St., Oakland.
Architect—None.
Contractor—C. Anderson, 2390 E-22nd St., Oakland. $2000

DWELLING
(528) NE E-THIRTY-EIGHTH ST. & Brighton Ave., Oakland. One-story 5-room dwelling.
Owner—L. H. Legris, 1351 Hampel St., Oakland.
Architect—None. $3500

DWELLING
(529) NE THIRTY-EIGHTH AND Brigtton, Oakland. One-story 5-room dwelling.
Owner—L. H. Legris, 1351 Hampel St., Oakland.
Architect—None. $3500

DWELLING
(530) N E-THIRTY-EIGHTH 90 E Brighaon, Oakland. One-story 5-room dwelling.
Owner—L. H. Legris, 1351 Hampel St., Oakland.
Architect—None. $3500

ALTERATIONS
(531) NO. 562 LAKESHORE AVE., Oakland. Alterations.
Owner—Mrs. H. Walton, Premises.
Architect—None.
Contractor—Miller & Warnecke, 414 13th St., Oakland. $6000

DWELLING
(532) NO. 2636 TWENTY-SECOND AV. Oaklend. One-story 6-room dwlg.
Owner—Theodore Schulz, 1640 Kirkham St., Oakland.
Architect—None.
Contractor—A. V. Dutra, 962 55th St., Oakland. $3500

DWELLING
(533) LOT 22 BLK 8 FOURTH AV. Terrace, Oakland. 1-story dwelling and garage.
Owner—D. B. Parker, 3017 Madeline, Oakland.
Architect—None.
Contractor—E. Maasberg, 1420 Wellington Ave., Oakland.
Filed Feb. 6, 1923. Dated Feb. 5, 1923.
Enclosed $1175
Brown coated 1175
Completed and accepted 1175
Usual 35 days 1200
TOTAL COST, $4725
Bond, none; Sureties, none; Forfeit, none; Limit, 60 days; Plans and specifications filed.

BUILDING
(534) PTN. LOT 18 BLK A MAP Whitcher & Brockhurst Tracts, Oakland. Tile building.
Owner—James L. Bell, 2715 Grove, Oakland.
Architect—None.
Contractor—M. E. Hepper & Son, 1117 Webster, Oakland.
Filed Feb. 6, 1923. Dated Feb. 5, 1923.
Tile walls completed $1000
Completed and accepted 1445
Usual 35 days 815
TOTAL COST, $3260
Bond, none; Sureties, none; Forfeit, none; Limit, 40 days; Plans and specifications filed.

OFFICE & FACTORY BLDG.
(535) LOTS 14 TO 23 INCL. BLK 86 A Complete Map of Oakland by Julius Kellersberger, Surveyor, Oakland. Elec. wiring for 3-story and basement office and factory bldg.
Owner—Hebern Electric Code Inc., Bank of Italy Bldg., Oakland.
Architect—None.
Contractor—NePage McKenny Co., 589 Howard St., S. F.
Filed Feb. 5, 1923. Dated Feb. 5, 1923.
10th day each month.....75%
Usual 35 days 25%
TOTAL COST, $18,159
Bond, $9080; Sureties, Union Indemnity Co.; Forfeit, none; Limit, April 22;; Plans and specifications filed.

DWELLING
(536) N EL DORADO ST being Lot 8, Blk J Map Northbrae Terrace, Berkeley. 1-story 5-room dwelling and garage.
Owner—D. D. and Alice H. Graves, 1908 Virginia St., Berkeley.
Architect—None.
Contractor — C. M. Norgrove, 2220 Roosevelt Ave., Berkeley.
Filed Feb. 6, 1923. Dated Feb. 1, 1923.
Roof on .....¼
Plastered .....¼
Completed and accepted ... .¼
Usual 35 days .....¼
TOTAL COST, $5077
Bonds, none; Sureties, none; Forfeit, none; Limit, 90 days; Plans and specifications filed.

DWELLING
(537) NO. 132 CAPERTON AVE., Piedmont. One-story 6-room dwelling and garage.
Owner—L. F. Galbrick.
Architect—None .
Contractor—S. J. Bertelsen, 30 Estrolla Ave., Piedmont. $7500

DWELLING
(538) NO. 159 WOODLAND WAY. Piedmont. One-story 6-room dwelling and garage.
Owner—David J. Garrett, 66 Manor Dr., Piedmont.
Architect—None. $6000

DWELLING
(539) NO. 129 LAKE AVE., Piedmont One-story 6-room dwelling and garage.
Owner—R. B. Vinson, Syndicate Bldg., Oakland.
Architect—None. $4750

DWELLING
(540) NO. 127 LAKE AVE., Piedmont. One-story 5-room dwelling and garage.
Owner—R. B. Vinson, Syndicate Bldg., Oakland.
Architect—None. $4500

DWELLING
(541) NO. 425 MOUNTAIN AVE., Piedmont. Two-story 8-room dwelling and garage.
Owner—G. Taylor, 1421 Market St., Piedmont.
Architect—None. $9000

DWELLINGS
(542) NO. 421 AND 429 MOUNTAIN Ave., Piedmont. Two-story 7-room dwellings and garages.
Owner—G. Taylor, 1421 Market St., Piedmont.
Architect—None. $8000 each

DWELLINGS
(543) NO.3 1229-1235-1239 and 124 Grand Ave., Piedmont. Four one-story 6-room dwellings and garages .
Owner—E. B. Leonard, 589 Kenmore Ave., Oakland.
Architect—None. $5000 each

DWELLINGS
(544) NO. 115-119 and 123 LAKE AVE. Piedmont. Three one-story 5-room dwellings and garages.
Owner—E. C. Jackson, 1422 San Pablo Ave., Oakland.
Architect—None. $4500 each

DWELLING
(545) NO. 106 OAK AVE., Piedmont. One-story 6-room dwelling.
Owner C. M. MacGregor, 470 13th St., Oakland.
Architect—None. $5000

DWELLING
(546) NO. 32 JEROME AVE., Piedmont. One-story 5-room dwelling.
Owner—A. P. Anderson, 5409 Thomas St., Oakland.
Architect—None. $6000

DWELLINGS
(547) NO. 521-525 and 529 MORAGA Ave., Piedmont. Thre one and one half-story 7-room dwellings and garages.
Owner — Geo. W. Ellassen, 612 Valle Vista Ave., Oakland.
Architect—None $5500 each

ALTERATIONS
(548) NO. 3237 BRIGGS AVE., Alameda Alterations.
Owner — Iver Skriden, 1715 Central Ave., Alameda.
Architect—None. $3000

DWELLING
(549) NO. 711 HAIGHT AVE., Alameda One-story 3-room dwelling.
Owner—Joe Wilson.
Architect—None.
Contractor—L. R. Chapton, 442 Haight Ave., Alameda. $2300

DWELLING
(550) NO. 988 PARK ST., Alameda. Two-story 12-room dwelling.
Owner — A. and Bertha Feldhammar, 1002 Park St., Alameda.
Owner—E. B. Leonard, 589 Kenmore
Contractor—Conrad Roth, Dublin Road Hayward. $8500

DWELLING
(551) NO. 3209 THOMPSON AVE., Alameda. One and one-half-story 7-room dwelling.
Owner—Warmington Corp
Architect—None.
Contractor—L. R. Hohn Co., Premises. $6000

DWELLING
(552) NO. 1529 BEVERLY PLACE, Berkeley. One-story 6-room dwlg.
Owner—Thos. W. Firby, 458 Cavour St., Oakland.
Architect—None.
Contractor—R. Ferrott, 1136 Fresno St., Berkeley. $3500

DWELLING
(553) NO. 1711 SAN LORENZO, Berkeley. Two-story 6-room dwelling
Owner—H. Longbotham.
Architect—None.
Contractor—J. Henry Wolbold, 1609 Sonoma Ave., Berkeley. $5000

DWELLING
(554) N DALE Place 196 E 38th Ave., Oakland. One-story 5-room dwlg.
Owner—Isaac Simleness, 2806 Humboldt Ave., Oakland.
Architect—None . $3000

DWELLING
(555) N DELAWARE 200 E Laurel, Oakland. One-story 6-room dwlg.
Owner—Chas. Sorinson, 3212 Delaware St., Oakland.
Architect—None.
Contractor—A. Anderson, 3027 Florida St., Oakland. $3000

DWELLING
(666) N EL DORADO 131 E Fairmount Oakland. One-story 6-room dwlg.
Owner—F. W. and A. O. Horunng, 966 Cheney St., San Francisco.
Architect—None. $5000

DWELLING
(557) W ELSTON AVE 130 N E-38th, Oakland. One-story 4-room dwlg.
Owner—E. E. Hillegas, 3120 Olive Ave., Oakland.
Architect—None. $2500

DWELLING
(558) NW FLORIO AND MANOA AVE Oakland One-story 5-room dwlg.
Owner—Ruth E. McLure, 5905 Keith Ave., Oakland.
Architect—None.
Contractor—J. A. Marshall, 6320 Florio St., Oakland. $4000

DWELLING
(559) N FOOTHILL BLVD 100 E 78th Ave., Oakland. One-story 4-room dwelling.
Owner—A. C. Jennings, 2765 E-16th St., Oakland.
Architect—None. $2000

STORES
(560) NW FOOTHILL BLVD AND Harrington, Oakland. One-story 2 room stores.
Owner—Benj. Chambers, 1726 Bridge Ave., Oakland.
Architect—None. $1500

FLATS
(561) W FAIRBANKS AVE 260 E Crofton, Oakland. Two-story 10-room flats.
Owner—D. A. Finn, Syndicate Bldg., Oakland.
Architect—None.
Contractor—Leo J. Dolan, Syndicate Bldg., Oakland. $7950

DWELLING
(562) N GLENDORA 300 W Edgewood, Oakland. One-story 6-room dwelling.
Owner—D. B. Parker, 3017 Madeline St., Oakland.
Architect—None.
Contractor—E. Maasberg, 1420 Wellington St., Oakland. $4725

DWELLINGS
(563) NO. 2201-27 HARRINGTON AVE Oakland. Two one-story 5-room dwellings.
Owner—R. E. Reeves, 1505 37th Ave., Oakland.
Architect—None. $2400 each

DWELLING
(564) NO. 1801 NINETY-SIXTH AVE., Oakland. One-story 5-room dwlg.
Owner—J. D. Gibbs, 1717 96th Ave., Oakland.
Architect—None.
Contractor—J. Lindquist, 1734 Auseon Ave., Oakland. $4750

VAULT
(565) NW PENNIMAN AND THIRTY-eighth Ave., Oakland. Concrete vault.
Owner—W. Sayers, 3009 28th Ave., Oakland.
Architect—None.
Contractor—Thos. W. Webb, 4663 Fair Ave., Oakland. $1000

DWELLING
(566) NO. 4245 QUIGLEY ST., Oakland. One-story 5-rm dwlg.
Owner—Jenne Matheyer.
Architect—None.
Contractor—T. B. Matheyer Co., 1369 Hopkins St., Oakland. $3400

DWELLING
(567) NO. 3723 REDDING, Oakland. One-story 4-room dwelling.
Owner—R. B. Bain, 332 E-14th St., Oakland.
Architect—None.
Contractor—G. W. Steffen, 1941 Croeby St., Oakland. $2400

DWELLING
(568) E SIXTY-SIXTH AVE 224 S Flora, Oakland. One-story 6-room dwelling.
Owner—John Porter, 2712 Rawson St., Oakland.
Architect—None. $3500

FACTORY
(569) NO. 2836 SAN PABLO AVE., Oakland. One-story tile factory.
Owner—Jos. L. Bed, 2244 San Pablo Ave., Oakland.
Architect—None.
Contractor—M. E. Hopper & Son, 1117 Webster St., Oakland. $3260

APARTMENTS
(570) E LAKESHORE AVE 50 N Beacon N 50x110, Oakland. Six three-story apartments and four garages.
Owner—John J. and Sarah F. Brannan, 388 12th St., Oakland.
Architect—None.
Contractor—Harry C. Knight, 388 12th St., Oakland.
Filed Feb. 7, '23. Dated Nov. 4, '22.
Roof on ..... ¼
Brown coated ..... ¼
Completed and accepted..... ¼
Usual 35 days..... ¼
TOTAL COST, $20,000
Bond, none. Limit, 75 days after laying mudsills. Forfeit, none. Plans and specifications, none.

DWELLING
(571) PTN LOT 3 BLK "Y" Map Central Piedmont Tract No. 4, Piedmont. One-story 6-room dwelling and garage.
Owner—Sarah Roberts.
Architect—Sehirmer Bugbee & Co., Thayer Bldg., Oakland.
Contractor—Charles W. Short, 574 Rosal Ave., Oakland.
Filed Feb. 7, '23. Dated Feb. 1, '23.
Sheathed ..... ¼
White coated ..... ¼
Completed and accepted..... ¼
Usual 35 days..... ¼
TOTAL COST, $6200
Bond, $3200. Sureties, Louise H. Short and Lucy M. Hutchins. Limit, 60 days. Forfeit, none. Plans and specifications filed.

APARTMENTS, ETC.
(572) E PARK AVE 159-9¾ S Central Ave S 150xE 160, Alameda. All work for two 16-room apartments and 1 4 flats and 3 garages.
Owner—Max Claussenius, 1813 Alameda Ave., Alameda.
Architect—None.
Contractor—Harry C. Knight, 388 12th St., Oakland.
Filed Feb. 7, '23. Dated Jan. 30, '23.
Rafters in place..... ¼
Brown coated ..... ¼
Completed and accepted..... ¼
Usual 35 days..... ¼
TOTAL COST, $45,000
Bond, none. Limit, 75 days after laying mudsills. Forfeit, none. Plans and specifications filed.

APTS. & GAR.
(573) PTN LOTS 34 & 35 MAP KELLY Tract and Ptn Lot 1 Blk 3 Map Lakeshore Glen, Oakland. Two 16-room apts. and 4 garages.
Owner—Herbert F. and Louise H. Baddeley, 619 18th St., Oakland.
Architect—None.
Contractor—Harry C. Knight, 388 12th St., Oakland.
Filed Feb. 7, 1923. Dated Jan. 9, 1923.
Roof on $3500
Brown coated $4166.66
Completed and accepted..... 4166.66
Usual 35 days 4166.66
TOTAL COST, $16,000
Bond, none; Sureties, none; Forfeit, none; Limit, 75 days after laying mud sills; Plans and specifications filed.

ALTERATIONS
(574) SE DURANT AND FULTON Berkeley. Alter dwelling into flats
Owner—F. L. Naylor, 2200 Durant St. Berkeley.
Architect—None.
Contractor—H. McCullough, 1641 Alston Way, Berkeley. $400

DWELLING
(575) NO. 1462 BANCROFT, Berkeley One-story 3-room dwelling.

wner—J. E. Strain, 2402 Roosevelt St., Berkeley.
rchitect—None. $2000

WELLING
576) NO. 1943 MARIN, Berkeley. One-story 6-room dwelling.
wner — A. H. Pallen, 868 61st St., Oakland.
rchitect—None. $4250

WELLING
577) NO. 2509 KEITH AVE., Berkeley One-story 4-room dwelling.
wner—Ximena M. Howard.
rchitect—None.
ontractor — E. F. Henderson, 5744 Keith Ave., Oakland. $3000

EPAIRS
578) NO. 2132-4 CENTER ST., Berkeley. Repairs.
rchitect—None.
ontractor—Garner Brennan. $1650

WELLING
579) NO. 1614 CHANNING, Berkeley. One-story 5-room dwelling.
wner—Geo. L. Nibel, 2232 Channing, Berkeley.
rchitect—None. $3150

WELLING
580) NO. 1018 EXCELSIOR, Oakland. One and one-half-story 6-room dwelling.
wner—J. M. Hanson, 1439 Excelsior St., Oakland.
rchitect—None. $5750

DWELLING
(581) W FIFTY-FIFTH AVE 40 N Wentworth, Oakland. One-story 5-room dwelling.
Owner—W . S. Legris, 1609 Seminary Ave., Oakland.
Architect—None. $4000

APARTMENTS
(582) W LAGUNITAS AVE 45 S Perry St., Oakland. Three-story 18-room apartments.
Owner—Mrs. Elvira Cordy, 733 65th St., Oakland.
Architect—G. L. Rosebrook, 1424 Franklin St., Oakland.
Contractor—S. G. Johnson, 4652 Dolores Ave., Oakland. $25,000

OVEN
(583) NO. 2015 NINETY-EIGHTH AV., Oakland. Brick oven.
Owner—N. D. San Martino, Premises.
Architect—None .
Contractor—A. J. Mighherini, 233 Trumbull Ave., Oakland. $1500

APARTMENTS
(584) E NINETY-SEVENTH AVE 150 S E-14th St., Oakland. Two-story 12-room apartments and garage.
Owner—P. Morill, 1341 97th Ave., Okd.
Architect—None.
Contractor—Geo. B. Bellamy, 1236 104th Ave., Oakland. $10,300

DWELLING
(586) NO. 444 NEWTON AVE., Oakland. One-story 5-room dwlg.
Owner—John Lewis, 358 Lester Ave., Oakland.
Architect—None.
Contractor—J. Lehman, 959 Apgar St., Oakland. $5350

DWELLINGS
(586) NO. 4634 and 4638 SAN SEBASTIAN Ave., Oakland. Two one-story 6-room dwellings.
Owner—H. L. Houck, 4603 Dolores Av., Oakland.
Architect—None. $5000 each

DWELLING
(587) W THIRTY-NINTH AVE 99 S Santa Rita, Oakland. One-story 5-room dwelling.
Owner—E. C. Sydes, 3015 Minna Ave., Oakland.
Architect—None, $3800

DWELLINGS
(588) W FERNSIDE BLVD between Briggs and Sterling Aves 100x120, Alameda. All work for three dwellings.
Owner—J. G. and Hattie M. Kearney, 1332 High St., Alameda.
Architect—None.
Contractor—Julius J. Grodem, 2901 Santa Clara Ave., Alameda.
Filed Feb. 8, '23. Dated Feb. 6, '23.
Roof on ..... ¼
Brown coated ..... ¼
Completed and accepted..... ¼
Usual 35 days..... ¼
TOTAL COST, $9500
Bond, none. Limit, 100 days. Forfeit, $3. Plans and specifications, none.

OFFICE & FACTORY BLDG.
(589) LOTS 14 TO 23 INCL., BLK 86 A complete map of Oakland by Julius Kellersberger, surveyor, Oakland. Marble work for 3-story and basement office and factory bldg.
Owner — Hebern Electric Code, Inc., Bank of Italy Bldg., Oakland.
Architect — Reed & Corlett, Oakland Bank of Savings Bldg., Oakland.
Contractor — Vermont Marble Co., 244 Brannan St.
Filed Feb. 7, 1923. Dated Jan. 29, 1923.
10th each month 75%
Usual 35 days 25%
TOTAL COST, $4577
Bond, $2289; Sureties, Union Indemnity Co.; Forfeit, none; Limit, 25 days; Plans and specifications filed.

(590) SIDEWALK LIGHTS ON ABOVE
Contractor—James P. Dwan (Dwan & Co.), Monadnock Bldg., S. F.
Filed Feb. 7, 1923. Dated, Jan. 29, 1923. Payments same as above.
TOTAL COST, $5547
Bond, $2774; Sureties, Union Indemnity Co.; Forfeit, None; Limit, 15 days; Plans and specifications filed.

(591) PAINTING ON ABOVE.
Contractor—J. H. Keefe Co., 1442 Bush St., San Francisco.
Filed Feb. 2, 1923. Dated Jan. 29, 1923.
TOTAL COST, $5535
Bond, $2768; Sureties, Union Indemnity Co.; Forfeit, none; Limit 40 days; Plans and specifications filed.

CONCRETE BLDG.
(592) LOT 16 BLK 15 Shattuck Tract No. 4, Berkeley. All work for one-story concrete building.
Owner—John W. Havens, Berkeley.
Architect—Jas. W. Plachek, 2014 Shattuck Ave., Berkeley.
Contractor — Walter Murch, Federal Bldg., Oakland.
Filed Feb. 8, '23. Dated Feb. 7, '23.
1st and 15th of each month.. 75%
Usual 35 days..... 25%
TOTAL COST. $11,100
Bond, none. Limit, 75 days. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Accepted
has8nJt dwlgz
Feb. 1, 1923—NO. 111 NOVA DRIVE, Piedmont. Annie Rider by Wm J Crosby to whom it may concern.. .....Feb. 2, 1923
Feb. 2, 1923—LOT 27 BLK 9 Map 4th Avenue Heights, Oakland. Thos F L Furlong to whom it may concern .....Jan. 31, 1923
Feb. 2, 1923—LOT 28 BLK 9 Map 4th Ave. Heights, Oakland. Thos F L Furlong to whom it may concern .....Jan. 31, 1923
Feb. 2, 1923N..O. 260 HOPKINS ST., Oakland. Lillian Smith to R A MacKerricher.....Feb. 1 1923
Feb. 2, 1923—E E-FOURTEENTH 842 N Stanley Ave 210.83x1032.76, Oakland. Star Motor Co. of Calif to Scott Co.....Jan. 30, 1923
Feb. 2, 1923—LOTS 14 TO 23 inclu Blk 86, a complete Map of Oakland by Julius Kellersberger Surveyor. Oakland. Hebern Electric Code, Inc to J G Williams Constr Co.....Jan. 30, 1923
Feb. 2, 1923—LOT 21 BLK 7 Map Boulevard Park, Oakland. J S Stagg to whom it may concern... .....Feb. 2, 1923
Feb. 2, 1923—LOTS 4 AND 5 Map Redwood Park, Oakland. Wm A Mortensen to F C Stolte..Jan. 27, '23
Feb. 2, 1923—LOT 41 BLK "D" Map No. 2, Highland Terrace, Oakland. Nina Coleman Jones and Harry T Jones to Clarence M Starr..... .....Jan. 20, 1923
Feb. 2, 1923—PTN LOTS 4 AND 5 Ardsley Heights, Oakland. C MacKintosh to Mullen & La Vole... .....Jan. 30, 1923
Feb. 2, 1923—SW HIGHLAND AVE 50 SE Oakland Ave SE 50xSW 90, Piedmont. Milton E Lando to S G Rankin.....Feb. 1, 1923
Feb. 3, 1923—LOT 11 BLK 27 Map Melrose Heights, Oakland. M Feingenberg to whom it may concern.....Feb. 2, 1923
Feb. 3, 1923—LOT 28 BLK "D" Grand Ave Heights, Oakland. James L and Hezel M Ingram to Mervin P Rose.....Dec. 30, 1923
Feb. 3, 1923—W LINDEN 110-6 N Twelfth N 39-6 W 100 S 29-6 E 34 S 10 E 66, Oakland. John J and Mary E O'Brien to Harry Wessel .....Jan. 31, 1923
Feb. 3, 1923—LOTS 27, 28, 29, 47, 48, 49 and 50 Blk 841, Oakland Prospect Homestead Tract, Oakland. Edwin C Graff to whom it may concern.....Jan. 27, 1923
Feb. 5, 1923—LOT 52 BLK 9, Steinway Terrace, Oakland. L M Biller to whom it may concern.Feb. 1, 1923
Feb. 5, 1923—W 37.17 ACRE PIECE described deed Realty Syndicate Co to California Memorial Hosultal 365.33 NE from SW Cor. said piece NE 377.48 SE 104 SW 65 SW 160.74, Oakland. Lucy E Merriam to C W Steffen.....Feb. 1, 1923
Feb. 5, 1923—LOT 3 BLK "B" Rose Knoll, Berkeley. P E Marquis to whom it may concern...Feb. 2, 1923
Feb. 5, 1923—LOT 79 Searles Tract, Oakland. Alfred Johnson to whom it may concern.....Feb. 1, 1923
Feb. 5, 1923—NO. 1201 E-THIRTY-third, Oakland. Maude M Beekley to whom it may concern.Feb. 5, 1923
Feb. 5, 1923—PTN LOT 26 BLK 10 Steinway Terrace, Oakland. A R Attebery to whom it may concern .....Feb. 6, 1923
Feb. 5, 1923—LOT 32 Map Lake Shore Park Heights, Oakland. Daisy L Fitzmaurice to whom it may concern.....Feb. 6, 1923
Feb. 5, 1923—NO. 606 VERNON ST., Oakland. Agnes C Henningsen to whom it may concern..Jan. 24, 1923
Feb. 6, 1923—U. C. GROUNDS, Berkeley. Regents of U. C. to Mission Marble Works.....Jan. 31, 1923
Feb. 6, 1923—U. C. GROUNDS, Berkeley. Regents of U. C. to Friedman Bros.....Jan. 31, 1923
Feb. 6, 1923—W BENVENUE AVE 250 N Alcatraz Ave., Oakland. Elmer W West to Harry C Knight .....Feb. 2, 1923
Feb. 6, 1923—NO. 4017 DIVISION ST., Oakland. J P Gallagher to whom it may concern.....Feb. 6, 1923
Feb. 6, 1923—S ½ LOT 62 Map Piedmont Manor, Piedmont. Ephraim Field to whom it may concern... .....Jan. 10, 1923
Feb. 6, 1923—SE FRANKLIN 898 NE Fourteenth NE 54xSE 150, Oakland. Colonial Cafeteria Co to J W Bender Roofing & Paving Co.. .....Jan. 30, 1923

Feb. 7, 1923—SW HIGH & FOOThill Blvd 36x79, Oakland. Martin Eggers to Leydecker Bros. Feb. 1, '23

Feb. 7, 1923—W EUCLID AVE 88.35 S Van Buren Ave S 50 W 125 N 45 E 35 N 5 E 90, Oakland. Pietro Crestetto to J B Petersen.....Feb. 7, 1923

Feb. 7, 1923—N FIFTY-SECOND ST. 72½ E Dover E 37½xN 80, Oakland John Andrews to R L Robins.....Feb. 3, 1923

Feb. 7, 1923—E BEAUMONT AVE 80 N E-38th, Oakland. C B Dickson to Goranson.....Feb. 6, 1923

Feb. 7, 1923—LOT 47 Map Searles Tract. ——. Maletha L Fraizer to Roy Wilson.....Feb. 6, 1923

Feb. 7, 1923—LOT 4 BLK 14, Map Thousand Oaks, Berkeley. D H Finkle to whom it may concern.....Feb. 5, 1923

Feb. 7, 1923—NE 40x90 LOT 13 BLK 17 Map Boulevard Park, Oakland. H Aronsen and J T Nittler to Jos Flittner.....Feb. 6, 1923

Feb. 7, 1923—N 10 LOT 21 and S 30 Lot 20 Blk 16 Map Boulevard Park, Oakland. H Aronsen & J T Nittler to Jos Flittner.....Feb. 6, 1923

Feb. 7, 1923—S 40 LOT 20 BLK 16 Map Boulevard Park, Oakland. H Aronson and J T Nittler to Jos Flittner.....Feb. 6, 1923

Feb. 7, 1923—LOT 9 BLK 3 Brookdale Terrace, Oakland. Mrs Mabel Wilson to C F Lodge....Feb. 5, 1923

Feb. 7, 1923—W TENTH 100 W Fallon, Oakland. B H Dean to Harry C Knight.....Feb. 5, 1923

Feb. 7, 1923—W SAN PABLO AVE 130 S University Ave., Berkeley. Z G Hadjopoulos to C Texdahl.....Feb. 2, 1923

Feb. 6, 1923—LOT 194 BLK 882, Crocker Highlands, ——. Chas H Davidson to M F Sommarstrom.....Feb. 6, 1923

Feb. 6, 1923—LOT 193 BLK 882, Crocker Highland, ———. A A Crosby to M F Sommarstrom.....Feb. 6, 1923

Feb. 8, 1923—NW RICH & WEBSTER N 44-6xW 65, Oakland. K Fenander to California Builders Co.....Feb. 6, 1923

Feb. 8, 1923—NE DARTMOUTH AND Kaines 70x100, Albany. C E Dorrett to C E Meader.....Feb. 7, 1923

Feb. 8, 1923—E SUNNYSIDE 110 S Warner Ave, Oakland. Walter F and Minnie E Jacobson to Oakland Home Builders Co, Inc..Jan. 25, 1923

Feb. 8, 1923—LOT 28 BLK 13 Northbrae Tract, Berkeley. C M Norgrove to whom it may concern.....Feb. 8, 1923

Feb. 8, 1923—N GLEN AVE 54 NE Spruce NW 107.32 NE 40 SE 88.37 SW 12.94 SW 34.07, Berkeley. Albert Manzie to whom it may concern.....Feb. 7, 1923

Feb. 8, 1923—LOT 2 BLK "M" East Piedmont Heights Extension, Okd. Victor Guyot to whom it may concern.....Feb. 7, 1923

Notice of Non-Responsibility

ALAMEDA COUNTY

Feb. 2, 1923—NE 12½ LOT 50 and all Lot 51 Blk 9 Map Key Route Heights, Oakland. Alameda Investment Co as to improvements on property .....

Feb. 6, 1923—HOTEL ST. MARK, Oakland. Martin E Marks aa to improvements on property.....

Feb. 8, 1923—LOT 66 Map Showing Sbdvn Lots 54, 55, 56, 57, 65, 66, 67 and 68, Kingsland Tract, Oakland. Eugene D Painter as to improvements on property.....

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded Amount

Feb. 2, 1923—LOT 21 BLK "O" Map Blks M, N, O, P, Harmon Tract, Berkeley. Charles F Osgood to W G Ahlf, Hazel Ahlf and R T Haas $26.30

Feb. 6, 1923—E SACRAMENTO 180 N Rose NW 98.91 NE 117.40 SE 108.74 SE 114.08, Berkeley. Sunset Hardware Co to Theodore R and Elizabeth Arnberger and C C Williams $136.37

Feb. 6, 1923—SE STOAKES AVE 730 SW E-Fourteenth SW 40 SE 151.67 NE 40 NW 151.68, San Leandro. E D Swift (Swift & Co) to L D Swift $645.20

Feb. 5, 1923—SE STOAKES AVE 690 SW E-Fourteenth SW 40 SE 151.58 NE 40 NW 151.50, San Leandro. E D Swift (Swift & Co) to L D Swift $701.40

Feb. 5, 1923—SE STOAKES AVE 650 SW E-Fourteenth SW 40 SE 151.50 NE 40 NW 151.41, San Leandro. E D Swift (Swift & Co) to L D Swift $615.40

Feb. 5, 1923—SE STOAKES AVE 570 SW E-Fourteenth SW 40 SE 151.32 NE 40 NW 151.24, San Leandro. E D Swift (Swift & Co) to L D Swift $662.80

Feb. 5, 1923—SE STOAKES AVE 610 SW E-Fourteenth SW 40 SE 151.41 NE 40 NW 151.32, San Leandro. E D Swift (Swift & Co) to L D Swift $659.40

Feb. 6, 1923—LOT 8 BLK 33, Lakeside Sbdvn Adams Point Ppty., Oakland. A J Aaroe to E W Woodward $94.05

Feb. 8, 1923—LOT 21 BLK "O" Map Blks M, N, O and P, Harmon Tct., Berkeley. Edward Mattson to W Ahlf and R T Haas $118.35

LIENS FILED

ALAMEDA COUNTY

Recorded Amount

Feb. 1, 1923—W FORTY-SEVENTH Ave 159.3 SW Melrose SW 4.3xNW 115, Oakland. J J Horner vs Carrie D P and W Melvin Woodward $204

Feb. 1, 1923—LOT 2 BLK "C" Map No. 1, Highland Terrace, Oakland. M G Kendall (California Builders Co) vs Herman, Lucy E and Benjamin Katz and W E Dean.....$7477.64

Feb. 3, 1923— WFORTY-SEVENTH Ave 159.03 SW Melrose SW 44.03 NW 151, Oakland. Ben Nelson vs W M Woodward and Tine Holton $357

Feb. 3, 1923—NW COR E-THIRTYeighth and Division W 50xN 90, Oakland. S P Ashley vs Jos Hogan and Grace Shoemaker $40

Feb. 3, 1923—N E-THIRTY-EIGHTH 50 W Division W 50xN 90, Oakland. S P Ashley vs Jos Hogan, Jos K Khoumrain and B G Ball.....$40

Feb. 5, 1923—LOTS 21 AND 22 BLK "M" Map Fourth Ave Terrace, Oakland. Dan Fergus, George D Stratton, F Carr and James P Blalock vs B G Ball, Joe Khaumarian and Grace Shoemaker $302.60

Feb. 5, 1923—LOT 52 BLK 9, Map Steinway Terrace, Oakland. Fred Langbelm, W P Smith and R P Daves vs L M Billier $233.10

Feb. 5, 1923—SW THIRD AND SE Jones Ave SE 110xSW 35, Oakland. San Leandro Mill & Lumber Co vs Manuel Crusko $175.40

Feb. 6, 1923—NO. 2753 COLLEGE AV., Berkeley. Oakland Mfg Co vs Edgar Campbell and Home Constr Co $776

Fb. 7, 1923—N 50 OF THE S 118-8½ Lot 1 Blk "A" Prospect Hill Tct., Berkeley. Berkeley Hardware Co vs R Edgar Campbell and Home Constr Co $46.4

Feb. 7, 1923—LOT 81 Map Fourth Ave. Terrace, Oakland. Sunset Lumber Co vs Fred M Johnson.....$3735.7

Feb. 7, 1923—E COLLEGE AV 68-8½ N Stuart N 50xE 47, Berkeley. Fri H Richardson vs Robert Edgar Campbell and Home Constr Co..$26

Feb. 8, 1923—NE THIRTY-FIFTH & West E 84xN 100-2½, Oakland. E K Wood Lumber Co vs W A Siebe, Hugh and J P Baird and Jos M Hogan $380.8

Feb. 8, 1923—LOTS 1, 2, 3, 4 and 5 Blk "D" Map Waterside Terrace, Alameda. E K Wood Lumber Co vs Edwin E and Hazel M Nichol $803.2

Feb. 8, 1923—W FORTY-SEVENTH Ave 100 N Ygnacio Ave N 44.30xW 115, Oakland. Rose & Medis vs W M Woodward to T Holton.....$7

Feb. 8, 1923—LOT 13 Map Foothill Blvd Terrace, Oakland. P J Ulrey vs Wm H Sims and J E Petrow..$2

Feb. 8, 1923—LOT 2 BLK "B" Berwick Terrace, Oakland. M F Wise vs John L Cassidy.....$169.5

Feb. 8, 1923—LOT 20 BLK 22 Map Property L. M. Beaudry and G. Palodeau, Oakland. M F Wise vs Nellie Hale $240

OAKLAND BUILDING TOTALS FOR JANUARY, 1923

Classification of Buildings	No. of Permits	Cost
1-st dwellings	277	$ 802,488
1-st 2-family dwellings	2	10,844
1-st 4-family dwelling	1	4,000
1-st dwelling & store	2	6,200
1½-st dwellings	4	16,700
2-st dwellings	11	79,322
2-st flats	5	52,500
2-st flats & stores	1	9,800
2-st apartments	7	98,000
3-st apartments	3	85,000
1-st stores	6	40,159
1-st factory	2	6,800
1-st greenhouse	2	400
1-st church	1	14,000
1-st lumber shed	1	2,000
1-st office	1	200
1-st shelter station	1	1,150
2-st warehouse	1	5,000
1-st concrete dwelling	1	5,000
1-st con. clng&dye wks.	1	7,000
1-st con. regulator hse.	1	4,000
1-st concrete garage	1	300
1-st con&steel factory	1	15,061
1 & 2-st con. theatre and office building	1	45,000
2-st re. con. warehouse	1	31,500
Steel water cooler	1	550
1-st steel warehouse	1	18,000
1-st stl service stations	3	8,750
1-st steel tower	1	6,000
1-st brick boiler room	1	2,000
1-st brick garage	2	15,250
1-st brick factory	1	82,250
1-st brick bank bldg	1	16,500
1-st brk service station	1	5,000
1-st brick addition	1	5,000
2-st brk&tile strs&lofts	1	30,000
2-st brick & concrete & frame cannery	1	150,000
1-st tile shed	1	120
1-st tile garage	1	1,000
1-st garages & sheds	206	55,780
Electric signs	11	2,775
Additions	114	60,471
Alterations & repairs	123	70,568
Total	806	$1,862,438

BUILDING CONTRACTS

FRESNO COUNTY

$5,000 and Over Reported

TORE BLDG.
OT 3 S ½ LOT 4 BLK J, Arrants Addition, Selma. All work for one-story and basement brick store building.
wner — Earl N. Otis, 1905 High St., Selma.
rchitect—Chas. K. Kirby Jr., 526 Forthcamp St., Fresno.
ontractor—G. C. Sinclair, 2759 A St., Selma.
lled Jan. 31, '23. Dated Jan. 31, '23.
Walls up to 1st floor.....$2000
Walls up and topped out..... 3125
Plastered 3125
Completed 3250
TOTAL COST, $15,250
ond, none. Limit, 60 working days. orfeit, $50 per day. Plans and specications filed.

FFICE bldg., $800,000; No. 1401 J St., Fresno; owner, San Joaquin Light & Power Cptn., 1801 Tulare St., Fresno; contractor, R. F. Felchlin Co., Bank of Italy Bldg., Fresno.
USINESS bldg., $66,440; No. 813 J St., Fresno; owner, Damir Bros., 1137 J St., Fresno; contractor, Fredrickson & Shannon, Cory Bldg., Fresno
WELLING, $5500; No. 1222 Engewood Ave., Fresno; owner, C. L. Taylor, 810 Peralta Way, Fresno.

COMPLETION NOTICES

FRESNO COUNTY

Recorded Accepted
b. 3, 1923—LOTS 20 AND 21 BLK , Torrance Terrace, Fresno. B G Townsend to whom it may concern.....Feb. 3, 1923
b. 3, 1923—SECS. 9, 10, 14, 15, 13-4, Fresno. Miller and Lux Inc to Merritt Concrete Products Co.....
.....Feb. 2, 1923
b. 3, 1923—LOTS 6 AND 7 BLK 20, Fresno. Fresno Farms Co to whom t may concern.....Jan. 20, 1923

LIENS FILED

FRESNO COUNTY

Recorded Amount
b. 2, 1923—LOT 16 BLK 24, Alta Vista Tract, Fresno. Thos Haslett s Valley Constr Co and Ella Clark $57
b. 2, 1923—LOT 16 BLK 24, Alta Vista Tct, Fresno. Barrett Hicks o va Valley Constr Co and Jacob Clark $113
b. 2, 1923—LOT "B" BLK 20, Alta Vista Tract, Fresno. Fred M Tolle s W G McGuire and Valley Constr o $118
b. 2, 1923—LOT 12 W ½ LOT 11 lk 17, Alta Vista Tract, Fresno. Barrett Hicks Co vs Valley Constr o and Ralph & Jennie Watson.$19
b. 1, 1923—S ½ LOTS 6 AND 7 lk 4, Dale Addition, Fresno. L Rosenberg vs Herman Hoppe...$137
b. 2, 1923—LOT "B" BLK 20 Alta Vista Tract, Fresno. Frank Conoly va W G and Blanche McGuire nd Valley Constr Co.....$26
b. 2, 1923—LOT 16 BLK 24, Alta Vista Tract, Fresno. Frank Conoly vs Jacob and Ella Clark and Valley Constr Co.....$47
b. 3, 1923—LOTS 3 AND 4 BLK 7, Oakwood No. 2, Fresno. Sunset Lumber Co, $324; Tom Pritchard Planing Mill, $240 vs L W Klein nd A Steele .....
b. 3, 1923—LOT 10 BLK 4, Hughson Heights, Fresno. Sunset Lumber Co va D H Hibbler and E G Hughson $64
Feb. 3, 1923—W ½ OF S ½ LOT 3 Blk C Sec. 11, 13-20, Fresno. Sunset Lumber Co vs E M and Lew Cain $216
Feb. 3, 1923—NE ¼ OF SEC. 32, 14-18, Fresno. Sunset Lumber Co va Carl P Hansen $316
Feb. 3, 1923—LOTS 25 TO 28 BLK 3, K. B. Heights, Fresno. Sunset Lumber Co vs K B Heights Co and K. Muzinich $482
Feb. 3, 1923—LOT 'B" BLK 20, Alta Vista Tract, Fresno. Sunset Lumber Co, $414; Fresno Marble & Tile Co, $164 vs W G McGuire and Valley Constr Co .....
Feb. 3, 1923—LOT 16 BLK 24, Alta Vista Tract, Fresno. John Volanti, $342; Sunset Lumber Co, $684; Fresno Marble & Tile Co, $105; W F Bogart, $628 vs Jacob Clark and Valley Constr. Co.....

BUILDING CONTRACTS

SACRAMENTO COUNTY

$2,500 and Over Reported

DWELLING, one-story 5-room, $3200; No. 1987 35th St., Sacramento; owner, O. E. Evans, 2501 G St., Sacramento.
ICE storage building, $ ——; Block C, D, 8th and 9th Sts., Sacramento; owner, Consumers' Ice & Cold Storage Plant, 8th and D Sts., Sacramento; engineer, Gay Englneering Corp., 311 California St., San Francisco; contractor, Daniel R. Wagner, Call Bldg., San Francisco; recorded Jan. 30, 1923; bond, $30,000.
ALTERATIONS and repairs, $27,000; No. 1212 K St., Sacramento; owner, Mrs. Mary Bawden and G. W. Spilmon, 4225 T St., Sacramento; contractor, Jos. T. Ransdarl, 1015 43rd St., Sacramento.
FLAT building, two-story frame and stucco and garage (4 4-room flats) $12,500; No. 2518 N St., Sacramento; owner, J. P. Perfenrath, 2516 N St., Sacramento.
DWELLING, $5825; No. 1601 T St., Sacramento; owner, M. T. Brown, 2514 M St., Sacramento; contractor, J. A. Saunders, 2810 D St., Sacto.
DWELLING, two-story 7-room and garage, $8000; No. 1133 44th St., Sacramento; owner, J. K. Reese, 2329 Portola Way, Sacramento.
OFFICE and lumber shed, $2500; No. 3000 Q St., Sacramento; owner, Homestead Lumber Co.; 1416 10th St., Sacramento.
DWELLING, one-story 5-room, $3900; No. 717 37th St., Sacramento; owner, Geo. Reynolds, 714 25th St., Sacramento; contractor, J. A. Saunders, 2810 D St., Sacramento.
DWELLING & garage, 1-story 6-room, $5000; 1124 47th St., Sacramento; owner, Mrs. F. Cozatt, 2201 F St., Sacramento.

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BUSINESS BLDG., 2-story rein. conc., $97,000; 1236 J St., Sacramento; owner, Mrs. L. H. Glide, 60 Uplands Berkeley; architect, Julia Morgan, Merchants Exchange Bldg., S. F.; contractor, H. E. Parker Co., 519 California St., S. F.

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

$2,500 and Over Reported

TRACY, LOTS 21, 22, 23, BLK 58. Concrete and carpenter work etc.
Owner—Martin Ansbro, Charles Fraler, J. T. Kelly and T. H. Kelly, 1322 E Main St., Stockton.
Architect—None.
Contractor—Wm. Cohrs
Filed Feb. 2, 1923. Dated Jan. 31, 1923.
TOTAL COST, $11,250
Bond none; Sureties, none; Forfeit, none; Limit, 60 working days; Plana and specifications, none.

RESIDENCE, $2500; No. 2228 Fair Oaks St., Stockton; owner, Mr. and Mrs. Chas. Snyer.
RESIDENCE, $3000; No. 911 W-Oak St., Stockton; owner, Murphy-Heffernan.
RESIDENCE, $2900; No. 1628 S-Hunter St., Stockton; owner, H. Beauman
PUBLIC garage, $18,000; No. 109 S-Hunter St., Stockton; owner, Sattui Bros., 215 N-Sutter St., Stockton.
RESIDENCE, $3000; No. 2127 E?Market St., Stockton; owner, J. A. Salter, Linden Road, Stockton.
RESIDENCE, $3000; No. 260 E-Cleveland St., Stockton; owner, J. A. Salter, Linden Road, Stockton.

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded Accepted
Jan. 30, 1923—LOT 7 BLK C, Murphy Tract, Stockton. Leo Stadtner to M K Kelly.....Jan. 29, 1923
Jan. 31, 1923—LOT 12 BLK 14, Tuxedo Park, Stockton. L Delucchi to T E Williamson.....Jan. 15, 1923
Feb. 2, 1923—LOT 11 BLK 2, Larsen Pine St. Addition, Lodi. S H Zimmerman to H H Henning.Jan. 31, '23

BUILDING CONTRACTS

SANTA CLARA COUNTY

COTTAGE
NW HOPKIN ST. AND NEWELL RD., 72 feet on Newell Rd by 75 feet on Hopkin St., Palo Alto. All work except window shades and electric fixtures for four-room cottage.
Owner—Pacific Gas & Electric Co., 445 Sutter St., San Francisco.
Architect—Owner.
Contractor—Weeden Bros., Menlo Park
Filed Jan. 29, '23. Dated Jan. 17, '23.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, $4360
Bond, $2180. Surety, The Aetna Casualty & Surety Co. Limit, 120 calender days or 90 working ddays. Forfeit, none. Plans and specifications filed.

RESIDENCE
SANTA CLARA, Cal. (Scott Lane) Two-story residence.
Owner — A. Block Realty Co., Santa Clara, Cal.
Architect—M. J. Murphy, Carmel, Cal.
Filed Feb. 5, 1923. Dated Nov. 29, 1922.
On 5th of each month.....75%
Usual 35 days 25%
TOTAL COST, $20,768
Bond, none; Sureties, T. B. Reardon and Pacific Manufacturing Co.; Forfeit, $20,768; Limit, none; Plant and Specifications filed.

OFFICE & WAREHOUSE, $3300; Vine and Westminster, San Jose; owner, Malott & Peterson, 2412 Harrison St., S. F.; contractor, R. O. Summers, 17 North 1st St., S. J.
STORE & ROOMS, $2500; Jackson Nr. 6th, San Jose; owner, M. Tokuda;
COTTAGE, 5-room, $2800; 16 nr. St. James; owner—; contractor, Odell & Wilson.
COTTAGE, 5-room, $1900; Vine nr. Virginia; owner, Sam Vanello, 861 Orchard St., San Jose; contractor, M. Solomine.
COTTAGE, 4-room, $3500; Coe nr. Bird, San Jose; owner, Carl Wolfe, 179 Park Ave., San Jose; contractor, E. L. Wolfe, Auzerais Bldg., S. J.
STORES & RM. HOUSE, $20,780; Sta. Clara nr. River, San Jose; owner, J. Widney; architect, Wolfe & Higgins, Auzerais Bldg., S. J.; contractor, H. R. Sherman, 528 Chapman St., San Jose.
GARAGE & LIV. RMS., $3900; 170 E San Carlos, San Jose; owner, H. A. Meader; architect, C. C. Lewis, 329 S 5th St., San Jose; contractor, Lewis & Nelson, 329 S 5th St., San Jose.
RESIDENCE, 8-room, $4500; 13th near Washington; owner Jno. Machado.
COTTAGE, 6-room, $4800; Clintonia Palm Haven, San Jose; owner, C. B. Goodwin, 396 S 3rd St., San Jose; architect, H. Krause, Bank of S. J. Bldg., San Jose.
COTTAGE, 5-room, $3000; 17th near Empire, San Jose; owner, L. A Ward, 97 North 14th St.,S. J.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Accepted
Jan. 29, 1923—LOT 23 Chase Park Ave Lots. Paul Emmerson Jacquet and Jerome Garcia to whom it may concern.... .... .Jan. 29, 1923
Jan. 29, 1923—N- FIFTH ST. 34 N Washington St Lot 36x65 ft., being Blk 13, Whites Addition to San Jose. Clifford and Ruby L Ott to whom it may concern .Jan. 24, 1923
Jan. 30, 1923—ON MARY LEE REA ranch, 1 mile E of Gilroy. J I Victorino to Fred Cardoza..... .... Jan. 25, 1923
Jan. 31, 1923—LOT 8 BLK 17, Hanchett Residence Park, San Jose. Oscar E and Josephine M Glans to whom it may concern .Jan. 29, 1923
Jan. 31, 1923—PTN LOT 4 BLK 35, City of Palo Alto. Roxie Maude Dickinson, Emma Jane Dickinson and Lillian E Dickinson to whom it may concern . . . . .Jan 30, 1923
Jan 31, 1923—LOT 3 BLK 11, East San Jose Homestead Assn., San Jose. Edgar H Parker to whom it may concern . . . . . .Jan. 30, 1923
Jan. 31, 1923—PART BLK 5 R 4 Scheller Add. to city of San Jose. Edward H. Lahnin to Dodd & Magers. .....Jan. 31, 1923
Feb. 1, 1923—Gilroy, Cal. Gilroy High School District to Scott Co. ....Jan. 23, 1923
Feb. 1, 1923—LOT 40 BLK 1, San Jose Park Tract. Emile S. Tonascia to whom it may concern..Jan. 31, 1923
Feb. 1, 1923—PART LOT 1 BLK 1 S R 5 E City of Gilroy. Claude H. Peters to whom it may concern.Jan. 26, 1923

LIENS FILED

SANTA CLARA COUNTY

Recorded Amount
Feb. 1, 1923—NE COR THIRD AND Church Sts., Gilroy, Cal. Gilbert Atnlp, $44; Martin Hardware Co., $103.30; H. Hecker Co., $51.27; Whitehurst & Hodges, $580 vs. R. Soward .....
Feb. 2, 1923—LOTS 15 & 18 BLK 7 RC S Snow & Pettis Add to Mt. View. C. M. Glaze vs. G. M. Bobst....$520.55
Feb. 2, 1923—PART OF LOT 4 Albright Sub of Part Lot 5 Parr Tract in Rcho Rinconada de Las Gatos. P. E. Curtis and F. N. Curtis, $99.60; J. Forasiepi and James Cuciz, $25; Frank A. Bell under name of The R. R. Bell Co., $144.03 vs. L. C. De Bussy, G. S. De Bussy, W. F. Lumbard .....

BUILDING CONTRACTS

SAN MATEO COUNTY

COTTAGE, frame, $1000; Lot 23 North E St. W Add., San Mateo; owner, W Welsh; contractor, W. Welsh.
DWELLING, frame, $4000; 16th Ave., Hajual Park, San Mateo; owner, Clemence Feasey, 251 Kearny St., S. F.; architect, Mottock & Feasey, 251 Kearny St., S. F.; contractor, Matotock & Feasey.
BUNGALOW and garages, three, $4750 each; Lots S & T Blg 4 & Lat E Blk 5 Grange Rd. Burl. Terrace, Burlingame; owner, D. Houle, 660 Market St., S. F.
BUNGALOW and garage, $4500; Lot 4, Blk 58, Howard Ave., City of Burlingame; owner, John Kaenders.
BUNGALOW, $3000; Lot 8 Blk 2 Villa Park, Linden Ave.; owner, Mrs. D. F. Hanlan.
BUNGALOW and garage, $4000; Lot 16, Blk 58 Easton 7, Vancouver Ave Burlingame; owner, Chas. T. Rudolph.
BUNGALOW and garage, $4000; So. 60 ft. of lots 4 & 5 Blk 21 Easton 2, Balboa Ave., Burlingame; owner, Geo. Bruns.
BUNGALOW and garage, $5000; Lot 20 Blk 18 Sub 2 Balboa Ave., Burlingame; owner, Jas. Watson, 312 Grand Ave., San Mateo.
COTTAGE, $2000; 735 Laurel Ave., Burlingame; owner, Catherine Brittain.
GARAGE, $4000; Lot 9 Griffith Ave. & Bell Vue, San Mateo; owner, J. V. De Leaveaga; contractor A. D. Collman.
DWELLING, duplex, $6000; 12th Ave Hayward Park, San Mateo; owner, Ellen S. Irving; architect, Hanner V. Hultberg; contractor, Hammar & Hultberg.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded Accepted
Feb. 1, 1923—NINTH AVE AND CO. Road, San Mateo. H Fred Suhr to whom it may concern..Jan. 29, 1923
Feb. 1, 1923—PTN OF LOT 7 PIERCE San Mateo. Chas. F. Armstrong to A. C. Wilson .....Jan. 30, 1923

Tract on Valparaisa Ave nr Menlo

BUILDING CONTRACTS

CONTRA COSTA COUNTY

DWELLING, 1-story frame, $2800; S Chanslor E Cor 11th, Richmond; owner, D. H. Keller, Santa Fe Ave., Richmond; contractor, A. W. Josselyn, 342 S 7th Richmond.
DWELLING, 1-story frame, $3000; N Lowell bet 24th & 26th; owner, A. Gato, 2550 Rheem Ave., Richmond;
DWELLING, 1-story frame, $3000; W 17th bet Macdonald & Bissell, Richmond; owner, A. J. McNany, 824 7th St., Richmond.
OFFICE & STORE, $8000; E 14th bet. Macdonald & Bissell, Richmond; owner, Bldrs. Exchange, 10th & Macdonald, Richmond; architect, J. T. Narbett, 9 th & Macdonald; contractor, Polk Sanford et al, Box 1061 Richmond.
DWELLINGS, 2 1-story frame, $3600; N Dunn bet. 21st and 23rd, Richmond; owner, The Richmond Co., 23rd & Macdonald; contractor, The Miner Co., 23rd & Macdonald, Rich.

BUILDING CONTRACTS

MARIN COUNTY

DWELLING, $2000; Molino Ave., Mill Valley; owner, C. T. Gruenhagen, Mirabel Ave., Mill Valley.
SIX frame dwellings, $14,100; Various locations, Mill Valley; owner, Trewavas & Tory, Mill Valley.

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Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

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All-Year Demand For Material Promises Five Billion Dollar Building Boom For 1923

The greatest year of construction activity in American history is in prospect for 1923, according to reports from all branches of the building industry.

Conservative estimates place the probable new building expenditures in all lines for the next twelve months at $5,000,000,000.

Hitherto unprecedented activity during the fall and winter is cited as the outstanding reason for this year program. In almost all sections of the country, the 1922 construction boom continued through the fall and early winter, resulting in a sustained demand for materials and labor. This action followed the desire of men engaged in building to profit from past experience which has shown that it is better to maintain an efficient working organization intact, than to disband because of the largely imaginative difficulties of winter construction.

Contractors, quick to grasp an opportunity for all-year work, not only completed many jobs that in previous years would have been carried over, but took on new contracts for prompt delivery.

The early days of 1923, therefore, find a heavy damand for steel, cement and other building materials. The contractors and builders, displaying newly acquired wisdom, are taking no chances of being caught with an overload of contracts without materials to build when the first opportunity appears.

The resultant activity is making itself felt all along the line. Railroads are enjoying in the ordinarily slack season a measurable increase in freight traffic. Manufacturers of building materials are being relieved to a certain extent of carrying the tremendous costs of overstocked warehouses with the usual necessity for suspending plant operations.

The movement of stocks without interruption through the winter has enabled manufacturers to keep going because a steady demand was calling for shipments of their products.

This movement, aside from its beneficial effect to the builder at the present time, is seen as a possible means of levelling the first peak load of demand in the spring.

It is noticeable in the advertising of contractors and builders at the present time that they are offering to take contracts with the promise of 60 or 90 day delivery on homes. If these opportunities are taken by prospective home-builders, it will enable contractors to keep the road clear and take care of the predicted influx of tardy planners when the so-called "building season" is in full swing.

Every encouragement should be given to a continuance of the present pace in construction work. The taking of early contracts, purchase, shipment and storage of materials for building projects will release the heavy grip of peak load demand and unbalanced seasonal activity which have held the American construction industry at its mercy for so many years.

The experience of 1922 and the progress shown thus far in the new year, demonstrate amply the fallacy that any "season" for home building exists. It appears that 1923 will offer definite assurance of these facts which builders have attempted to impress upon the public for years.

If the transportation system can be kept at even keel, and the demands of traffic spread over a twelve-months' period instead of approximately seven, while stocks are kept moving from the manufacturer to the job, America's annual building bill can be materially reduced in proportion to the amount of work done. Semi-annual congestion on railroads, affecting building materials, food-stuffs, coal and a great many other basic activities also will be cleared up.

That the railroads not only recognize this spreading demand but are planning active representation in the building boom itself, is shown by reports of The Railway Age which place the possible construction expenditures by roads at more than $900,000,000 this year.

This estimate is based upon the actual budgets of 31 roads controlling 40 per cent of the nation's trackage which show $387,000,000 set aside for 1923 work. Much of this total will go into stations, under-passes, viaducts, bridges, terminals and shops, and general betterments, the need for which has become acute.

The quota of $5,000,000,000 for all building in the United States is based upon architects' reports to The Architectural Forum. This publication received detailed statements from 1,767 architects in all sections of the country and assembled them by type of construction, by states and by districts.

The result assures not only the biggest year for 1923, but that it will exceed 1922—a record breaker in itself—by at least $1,000,000,000.

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PALO ALTO PLANS HARBOR DEVELOPMENTS

The Palo Alto city council plans early improvement of harbor facilities on the Mayfield slough at the end of the Embarcadero road where the city owns a forty-acre tract. Theodore J. Hoover, a member of the board of public works declares the project one of the most important improvements the city can make. The development of the Palo Alto harbor is a matter that has been in agitation for some time, having been approved by the Palo Alto Chamber of Commerce and other civic organizations.

J. F. Bxybee, Jr., city engineer of Palo Alto, has prepared the following estimates of cost to complete the improvements: roadway on levee to landing, $5350; timber quay wall, 500 feet long, $8214; dredging channels, $1600; grading and graveling landing, $2750; warehouse, $5400. Total cost, $23,314.

ENGINEERS SELECTED FOR CARQUINEZ STRAITS BRIDGE

Dr. William Hubert Burr, of New York, former member of the Isthmian Canal Commission, has been selected as associate engineer with Professor C. Derleth, 2834 Webster Street, Berkeley, University of California engineer, in the construction of the Carquinez Straits bridge, according to an announcement of officials of the Rodeo-Vallejo Ferry Company of San Francisco, which company has the franchise to construct and maintain the structure.

Dr. Burr will be in San Francisco within the next few days, officials of the company declare, and will proceed at once with all preliminaries.

PLANS APPROVED FOR PERTH AMBOY BRIDGE

Plans for the new Perth Amboy bridge, one of the most important highway bridges in the United States, have been approved by the Bureau of Public Roads of the United States Department of Agriculture. This bridge, to be constructed with Federal aid by the State of New Jersy at an estimated cost of approximately $3,000,000, is one of the most heavily traveled in the world, carrying the traffic from the metropolitan district of New York to the South, a large part of which is bound for Philadelphia and New Jersey coast resorts. The structure is to replace one constructed in 1906 which is no longer adequate in width of roadway or strength to carry modern traffic. The new bridge project will consist of 1,089 feet of concrete viaduct, 1,538 feet of steel plate girders, a 360 ft. swing draw, and 5,490 feet of earth fill on approaches. The roadway will be 38 feet wide to accommodate four lines of traffic with sidewalks on each side. Construction will be commenced during the coming season.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

Seventeen more employes of the California State Highway Commission thirteen draftsmen at the headquarters in Sacramento and four at the Division office, will be discharged on February 15, according to Robt. M. Morton, state highway engineer. Non-civil service employes will be the first to be removed. Inspection work carried on by the former commission through three engineers also will be eliminated W. L. Clark, formerly a division engineer, and Frank H. Joyner, an assistant highway engineer, are two of the men who will retire. The third inspector will assume other duties with the commission.

A resolution introduced by E. M. Wilder, City Commissioner of Sacramento, provides that an architect appointed in connection with the proposed municipal auditorium shall be selected in open competition, in accordance with the rules of the American Institute of Architects. The resolution was drawn up, Wilder says, to prevent the appointment of an architect favored by individual members of the city commission. A bond issue will be submitted to the Sacramento voters in the near future to finance construction of the building.

Estimates have been submitted to the Three Cities Chamber of Commerce at San Mateo by the Market Street Railway Company for the extension of its lines in that section. For a double track to Pacific City, the cost would be $150,000 and for a single track, $68,500. For a double track from San Mateo to Beresford, the cost is estimated at $385,000 which includes the construction of a sub-station costing approximately $30,000.

The state supreme court has dismissed an appeal taken by Sampson B. Wright from the Sonoma County superior court, in which he initiated an action to restrain the board of supervisors of Sonoma County from selling bonds voted by the Santa Rosa School District for a new school. In its opinion the court held that Sampson failed to make the allegation that he resided in the school district and that the complaint should have been amended in the superior court.

Marysville's new brick yards are to be doubled in capacity and equipped with electrically driven machinery, according to L. A. Williams, president of the Marysville Brick Company, which company was organized by members of the Marysville Builders' Exchange. The capacity of the plants, when enlarged, will be more than 4,000,000 brick annually.

The Kern County Engineers' Club, with headquarters at Bakersfield, has adopted the engineers' license law as proposed by the American Association of Engineers. In brief, the law will provide that each member of the profession submit to an examination before being granted the privilege to engage in activities along technical lines.

Reports are current in Santa Fe, N. M., that L. A. Gillett will sever his official connection as State Highway Engineer of New Mexico about March 1.

The Grain Trade Association of the San Francisco Chamber of Commerce has started movement to have State Board of Harbor Commissioners construct a modern grain terminal on Islais Creek, the structure to have huge storage bins, close to deep water dockage with all modern appliances for the speedy handling of grain cargoes, in addition to the installation of modern machinery for the cleaning of grain.

The municipal light plant of Tacoma, Wash., did a gross operating business of $1,293,423.53 during 1922, a gain of 14.2 per cent over 1921 and there was a net income after paying operating expenses of $813,000.86, a gain of 25 per cent over 1921. This amount was available for the payment of interest on outstanding bonds, for the redemption of bonds and for plant extensions and other capital outlays.

An increase in wages of 10 per cent, effective February 1, is announced at Marshfield, Ore., by the Coos Bay Lumber Company and will be followed by other lumber companies at Coos Bay. Several thousand men are benefited by the rise, which makes the minimum for common labor $3.57½ a day, which is above the Portland and Willamette valley scale.

A dividend of 50%, amounting to $60,586 has been declared by the Washington Hardware and Implement Dealers' Underwriters, according to an announcement of the Insurance Dealers Department of the State Association of Dealers at Spokane. This is the same rate of dividend as has prevailed for the last five years.

The State Corporation Department has issued a warning to investors that the Interstate Textile Manufacturing Co., Inc., of Texas, is not authorized to sell securities in the State of California. The company proposes to erect and operate a textile mill to be located "somewhere in Northern California." The State Department declares the company has not complied with the Corporate Securities Act.

The directors of the American Wholesale Lumber Dealers' Association has voted to amalgamate with the National Wholesale Lumber Dealers' Association, with headquarters in New York. The plan finally will be passed upon by the membership of both organizations at a joint meeting in Pittsburg on March 21.

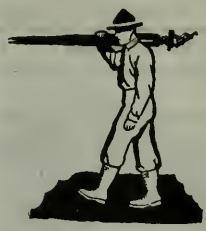
M. A. Mortenson, former manager of the California Fruit Exchange at Graeagle, Calif., will erect a $75,000 box factory on a six acre site recently purchased in Quincy. Will have daily capacity of 1,000,000 feet of finished box lumber.

City trustees of Oroville, Calif., will appoint a City Planning Commission "to provide for and regulate the future growth, development and beautification of the city of Oroville."

Frank Losh, interested in a slate quarry near Placerville, Calif., has left for the East and on his return will operate the quarry, employing from fifteen to twenty men.

(Continued on Page 7)

ALONG THE LINE



F. N. Schiegner and G. A. Kelley of San Jose have organized the Valley Building Material Co. in San Jose and will maintain quarters at 732 South First street. Schiegner was formerly connected with Borchers Bros. of San Jose and later with Williams & Russo and for eighteen years previous to going to San Jose was associated in the cement business in San Francisco. Kelly was formerly a member of the firm of Kelly Bros., general contractors of San Jose. The new firm will carry a complete line of building materials.

Taxpayers of Watts, Calif., have asked the Superior Court for an injunction restraining contractors from constructing the city sewer system on the grounds that the contract price is excessive. The contract was awarded to G. J. Beckjord of Los Angeles at $445,000 who sub-let a portion of the work amounting to $319,000, to Jos. Chutuk, Los Angeles contractor.

Carpenters of Reno, Nevada, have made a demand on the Washoe County Builders' Exchange, maintaining headquarters at Reno, for a flat advance in wages of $1 a day. Carpenters, plumbers and similar labor in Reno receive up to $12 per day, and are said to be among the highest paid of their class on the Pacific Coast.

The American Lumber Co. of Modesto formerly the Sunrise Lumber Co., has been reorganized. Company is capitalized at $100,000 and has the following directors: A. A. Baxter, of Piedmont, Cal.; L. R. Gallegas, William Wright and J. P. Gilligan, all of Modesto, and A. Levinsky, of Stockton.

W. W. Brier, president and manager of the Western Reinforced Concrete Pipe Co. of Los Angeles since May, 1917, has sold his interest in that company to W. A. Johnson, who was from 1903 to 1918, a member of the Johnson-Shea Co. of Riverside, Calif.

Davis-Heller-Pearce Co., architects and engineers of Stockton will open a branch office in Fresno in the immediate future. Contracts for more than $200,000 worth of construction in Fresno, are held by the Stockton concern.

Lloyd L. Root, mining engineer of Grass Valley, has been appointed State Mineralogist to succeed Fletcher Hamilton, whose resignation is effective February 15.

Nelson P. Edwards, Orange County Supervisor, has been appointed a member of the California State Highway Commission.

Pacific Gas and Electric Company will construct a twenty-two mile pipe line, running from Petaluma to San Rafael.

H. J. Lueder has been appointed city electrical inspector at Bakersfield.

OUTPUT OF COPPER INCREASES IN 1922

The smelter production of copper in 1922, according to the United States Geological Survey, as compiled from reports of the smelters covering the actual production for 11 months and the estimated production in December, was about 981,000,000 pounds, an increase of 475,000,000 pounds over 1921. Productive work was resumed by practically all the large mining companies except the United Verde Copper Co. by or during April, 1922, one year from the general shutdown of the copper mines. The smelter production of copper for December, as estimated by the producing companies, was 103,300,000 pounds, or at the rate of about 1,240,000,000 pounds a year.

The total production of new refined copper from domestic sources, determined in the same manner as the smelter production, was about 897,000,000 pounds, 288,000,000 pounds more than in 1921. The refinery production of new copper obtained from domestic and foreign sources, including the imports of refined copper, was about 1,398,000,000 pounds. In addition to the output of new refined copper, about 112,000,000 pounds of secondary copper was produced at the refineries, making the total output of the refineries about 1,510,000,000 pounds.

Although the new tariff act placed no duty on copper, it affected the records of the Department of Commerce, in which a line of division was drawn on September 21, when the new tariff became effective. Up to that date the total imports of copper in ore, concentrates, matte, blister, and refined copper amounted to 363,443,226 pounds, of which 75,556,317 pounds was refined copper and 192,050,397 pounds was blister copper. The exports for the first ten months amounted to 634,501,851 pounds. The figures for later imports will not be available until January 15, 1923, but those for later exports will be available somewhat sooner.

The stocks of refined copper in the hands of domestic refineries on December 31, 1922, as estimated by the refining companies, were about 277,000,000 pounds, compared with 459,000,000 pounds on December 31, 1921. The stocks of blister copper and material in process of refining, in the hands of the smelters, in transit to refineries, and at refineries, on December 31, 1922 were estimated by refining and smelting companies at about 352,000,000 pounds, compared with 283,000,000 pounds on December 31, 1921.

SAN FRANCISCO FIRM IN HUGE OREGON MILL DEAL

The largest individual lumber transaction ever consumated in Oregon was closed at Portland, Ore., February 2, when the Buehner Lumber Company's mill and timber, located on Coos Bay, were transferred to Eastern and Southern operators for approximately $4,000,000.

Those in the purchasing syndicate are: George T. Mickle, president of the George T. Mickle Lumber Company of Illinois and Oregon, who announced the closing of the deal; W. C. Ribenack, chairman of the board of directors of the California and Oregon Lumber Company of San Francisco; Frank D. Stout, president of the Stout Lumber Company of Arkansas and Wisconsin, and W. T. Culver, head of the Stearns & Culver Lumber Company of Ludlington, Mich.

The mill of the Buehner Lumber Company is one of the most modern in the State and cuts about 250,000 feet each eight-hour shift.

The company's timber has been cruised at approximately 1,500,000,000 feet.

Recommended Minimum Requirements For Small Dwelling Construction

Abstract of a report by the Building Code Committee of the Department of Commerce. Published for the Committee by the Bureau of Standards. The complete paper may be purchased from the Superintendent of Documents, Government Printing Office, Washington, D. C., for fifteen cents.

Investigations by a Congressional Committee during 1919 and 1920 disclosed that existing building laws through variations and inconsistencies of their provisions and through unduly restrictive or expensive requirements, were operating to prevent needed activity in the building industry. That these conditions might be remedied, a committee of experienced architects and engineers was organized by Secretary Hoover, to investigate building practice and code requirements and to prepare standard building regulations based on the latest and best information, which might be recommended to cities and states adopting or revising building codes.

The first report of this Committee presents recommendations for the construction of one and two-family dwellings having exterior walls of solid or hollow masonry, concrete, and frame, the latter including veneer and stucco surfaces.

In order that its recommendations might have sound bases of information and opinion, the committee obtained the cooperation of nearly one hundred architectural and engineering societies, builders' exchanges, and industrial organizations producing building materials. Special questions also were referred to large groups of individual engineers, architects, building officials, to the Bureau of Standards, and to others whose experience qualified them to discuss such subjects. Tentative recommendations were drafted and submitted widely for discussion and criticism by those interested in the work, and the final report reflects the influence of this consideration.

The Committee recommends that building codes permit 8-inch solid brick and 6-inch solid concrete walls for 2½ and 3 story dwellings accommodating not more than two families each; that 8-inch hollow building tile, hollow concrete block, or hollow walls of brick (all rolok) shall not exceed 20 feet in height to the gables; and that frame construction be limited to 2½ stories. Metal lath and plaster on wood studs properly fire-stopped is approved for party and division walls, but at least every alternate wall in row houses must be 8-inch solid brick or concrete or 12-inch hollow building tile, concrete block or hollow wall of brick.

Requirements for quality of hollow masonry units agree fairly well with present practice, but those for brick are somewhat below the medium grade established by the American Society for Testing Materials. The report recommends revised working stresses for timber used in dwellings, based on investigations of the U. S. Forest Products Laboratory. Live loads to be required as bases for design are 40 pounds per square foot for floors of wood and 30 for those of monolithic type, or of solid or ribbed slabs. Foundation walls of brick are required to be 12 inches thick for excavated enclosures, and similar concrete walls shall be as thick as the walls they support but not less than 8 inches. Special hollow building tile 12 inches thick is permitted for foundation walls of frame buildings. Detailed recommendations are given for firestopping and chimney construction, also for treatment of built-in garages.

The recommended requirements are followed by a lengthy appendix containing explanatory material and much educational matter for the guidance of builders, with particular reference to the merits of 8-inch and 12-inch masonry walls, use of lumber, the merits of 8-inch and 12-inch masonry walls, use of lumber, stucco construction, plastering, and other important subjects.

The report comprises 100 pages, including 30 illustrations. The committee is composed of the following members: Ira H. Woolson, chairman, consulting engineer, Natl. Board of Fire Underwriters, New York, N. Y.; Edwin H. Brown, architect, Minneapolis, Minn.; William K. Hatt, professor of civil engineering, Purdue University, Lafayette, Ind.; Rudolph P. Miller, formerly supt. of buildings, New York, N. Y.; John A. Newlin, in charge of section of timber mechanicas, Forest Products Laboratory, Madison, Wis.; Ernest J. Russell, Architect, St. Louis, Mo.; Joseph R. Worcester, consulting engineer, Boston, Mass.

NOTED ENGINEER LAUDS STATE ACT

"There has been much criticism of the lack of recognition given engineers in the past, but happily this situation is changing, and I congratulate you Californians on having a State that has taken the lead in this, as I have seen where one of your number has been named on the State Railroad Commission," said Ira Osborn Baker, head of the department of engineering of the University of Illinois, at a recent meeting of the Engineers' Club of San Francisco.

"The very nature of the work that an engineer does has tended to isolate him, where men in other professions have been brought into closer contact with other groups than those of his own calling. Today there is a desire, not only on the part of the associations of engineers but individual members as well, to reach out and play a more important part in the life of their community," Baker said.

CEMENT INSPECTOR EXAMINATION

The U. S. Civil Service Commission announces an examination for the position of Cement Inspector, Bureau of Standards. The examination will be held April 4 to fill positions for duty in Washington and in the field. The entrance salaries offered range from $1000 to $1200 a year, plus the increase of $20 a month granted by Congress. The duties of appointees will be to assist in sampling and inspecting cement at the mills and the physical testing of cement in the Bureau of laboratories and to assist in work connected with the certification of cement. The examination consists principally of practical questions on cement inspecting and testing and a rating on practical experience.

Complete particulars may be obtained from the offices of the Commission at Washington or from the Secretary of the Board of U. S. Civil Service Examiners at the Post Office or Custom House of any city.

ORGANIZATION NEWS

A. A. E. EMPLOYMENT BUREAU SEES DEMAND FOR ENGINEERS

All indications point to a record year for engineering employment, according to the employment department of the American Association of Engineers. Resumption of activities after the usual year-end pause has started with noticeable effects throughout the country. There is a great demand for engineers, particularly designed engineers, and salaries for these technical men have taken a broad increase during the past two months. An average increase on starting salaries amounting to over 10 per cent, has become effective in many organizations. The field for construction engineers is beginning to look brighter. By March, construction work will be in fairly good swing.

The structural steel line has been the most active during the past few months. The number of construction projects and volume has been large and more projects of this nature, particularly industrial buildings and highway construction, will be started this year. Indications are that all records will be broken and that the country will see a billion dollar improvement year for the railroads.

In a survey made of the country, practically all sections show very little unemployment among professional engineers, a scarcity of men for engineering work, and office men are at a premium. The city of Los Angeles is required to hold up some important municipal projects because of their inability to engage competent checkers on the necessary plans. Conditions on the Pacific coast for engineers are excellent, with the exception of the northwest where the winter season has tied up construction work. The southwest portion of the country is fair and the mountain states are about balancing the supply and demand. The central states show the greatest activity in engineering work with practically no unemployment and an average of two positions for every competent designing engineer. The southern and south Atlantic states show activities fair with some construction work starting and highway work taking on activity. The eastern section shows some unemployment among engineers at the present time.

ENGINEERS MEET RESPONSIBILITY, SAYS EASTERN ENGINEER-EDITOR

America's heritage out of the war has been a mortgage on her industry which is now being reflected in increased efficiency, standardization and improved technique. This was the statement of E. J. Mehren of New York, editor of the Engineering News Record and vice-president of the McGraw Hill Publishing Company. Mehren was the guest of the Engineers' Club of San Francisco on February 14, at luncheon and the speaker at a brief after-luncheon program.

"This mortgage, so to speak, which the American industry has taken over, as its toll of the World war has placed an added obligation and responsibility on the engineering profession," said Mehren. "It is the engineer that will enable American industry to meet these changed economic conditions. He is already doing this individually and through his organizations, through improved methods of production and not only cut down cost but increase the desirability and value of the product."

A. B. FLETCHER, FORMER STATE ENGINEER, ACCEPTS NEW POSITION

A. B. Fletcher, who resigned as head of the California Department of Public Works, has been appointed chief engineer for the commission organized to iron out transportation problems of six New England states. The commission consists of Governors of six states and presidents of all important railroads involved. It will undertake to work out a comprehensive plan for highways and railroads of that region, showing how motor transportation may be complementary to railroads instead of giving them opposition.

Fletcher was at the head of California highways for eleven years drawing a salary of $10,000 a year. The salary in his new position is said to be larger.

SANTA CLARA UNIVERSITY TO ORGANIZE A. A. E. CHAPTER

With a view to establishing a chapter of the American Association of Engineers at the University of Santa Clara, several representatives of that organization were at the University recently as guests of the engineering students to formulate plans for the establishment of a chapter at the University. The students of the engineering classes will hold a meeting shortly when it is expected that preliminaries will be completed to permit early organization.

ARIZONA HIGHWAY ENGINEER APPOINTS STAFF

Frank R. Goodman, of Flagstaff, the new state engineer of Arizona, with headquarters at Phoenix, has announced the following appointments on his staff in the Arizona state highway department; W. W. Lane, assistant state engineer; C. C. Small, chief locating engineer; Ralph A. Hoffman, bridge engineer; Clyde Jenkins, engineer central district; Edw. Ten Eyck, engineer southern district; W. R. Hutchins, engineer eastern district; B. M. Atwood, engineer northern district; Samuel B. Jones, chief clerk; George V. Eberle, purchasing agent; J. L. Dunn, traveling auditor; P. J. Harrison, superintendent of equipment.

CONTRACTS TO LOWEST BIDDERS, IS AIM OF STOCKTON EXCHANGE

The Stockton Builders' Exchange is considering a plan which if put into effect will spare building contractors from some of the impositions which are being imposed upon them. The complaint among the contractors is that they who contemplate building go to a number of contractors for estimates of cost and in the end award contracts regardless of the bids submitted.

The contractors say they are willing to take chances on getting a job when the lowest bid wins, but they do not want to go to the expense of estimating a job when it is not the intent of the builder to give the contract to the lowest bidder.

Many who have built structures in Stockton of late have secured several bids and then have gone to the one they wished to let the contract to and required him to take the job for the lowest figure.

FRESNO BUILDERS' EXCHANGE TO ELECT DIRECTORS

Preparations are being made for the annual meeting of the Fresno Builders' Exchange to be held March 19. Several new directors will be elected for the coming two years, but the number has not been decided upon, inasmuch as the present board is the first since the organization of the exchange.

Out-of-town speakers will be secured to address the members at the annual meeting, according to R. W. Chrouch, secretary-manager of the exchange.

A. W. Bernhauer of the Fresno Planing Mill has been appointed Chairman of the Committee on Arrangements and will be assisted by: Frank F. Minard, A. W. Anderson, Charles B. Cochrane, F. J. Craycroft, J. G. Teeple, Frank Smith, W. F. Muir, T. H. Curry, B. A. Newman, B. P. Burton, C. O. Norton, C. E. McMullin, J. H. McCullough, J. M. Brown, Frank Hart, R. E. Tompkins, N. C. R. Nelson, E. J. Farr and W. H. Minard.

The present directors of the Fresno Exchange are: R. F. Felchin, Virgil Routt, W. K. Kendrick, H. W. Shields, H. H. Courtright, William D. Coates, Jr. A. W. Bernhauer, F. B. Billings, George A. Faris, J. G. Martin and W. M. Rowe.

STOCKTON BUILDERS NOMINATE OFFICERS

The Stockton Builders' Exchange has nominated eighteen members to serve on the Board of Directors for the ensuing term. The election will be held March 12.

The Exchange has endorsed John T. Lewis as a candidate for the office of City Councilman under the new charter which goes into effect July 1. The city election will be held in May.

Members nominated for the office of directors follow: Robert Inglis, O. H. Chain, W. F. O'Keefe, L. A. Danner, William Murphy, Ed. Riley, Charles Rich, Owen Miller, Charles Frederickson, Tom D. Lewis, L. S. Peletz, C. H. McClure, W. R. Satterburg, Ed. Grogan, C. D. Bass, Art Cowell, E. Seiler and T. Hinckley.

EARLE BEATIE, OAKLAND CEMENT SALESMAN, LEAVES FOR L. A.

Earle Beatie, for the past four years Oakland representative for the Old Mission Cement Company of San Francisco and prior to that time connected with the sales force of the Santa Cruz Portland Cement Company, left for Los Angeles Feb. 16 to enter the real estate business in that section.

Beatie, a popular member of the Alameda County Builders' Exchange, was tendered a farewell banquet—a good one we are told—on Saturday evening, February 10th, in the Blue Room of the Hotel Oakland. The banquet was arranged by friends of Beatie who are connected with the Alameda County Exchange.

Beatie will be missed by the East Bay builders as he was always a prominent figure in the activities which went to better the building business in that section.

Daily Pacific Builder joins with the building fraternity in wishing him every success in his new fields.

SACRAMENTO MASTER BUILDERS ISSUE ESTIMATING BLANKS

Standard forms for figuring out estimates in submitting bids have been sent out by the Sacramento Master Builders' Association as a means of preventing losses to contractors who have forgotten to include certain costs in submitting hasty bids and to insure legitimate bids. The forms were worked out by a committee composed of L. F. Gould, C. J. Hopkinson and W. P. Cippa.

In announcing them and submitting them to the membership of the Master Builders' Association, the committee made the following report:

"Every member of the association has no doubt wondered at times why certain jobs are let at a figure far below all other bidders.

"There is no question but what in many cases the man who seems unreasonably low has put in a legitimate bid and stands to make a profit on the job. It is, however, equally true that in other cases the very low man has forgotten some item in his figuring, has made a mathematical error or does not know his costs.

"To help prevent forgetfulness and errors an estimate sheet has been prepared. It is longer and more detailed than any other similar form. It is hoped that members will give this a fair trial."

The form provides figuring spaces for preliminary work, concrete work, brickwork, electrical work, plastering, plumbing, painting, papering, hardwood floors, sheet metal work, glass, hardware, roof, cesspool, wall beds, tile work, ornamental iron, stone work, terrazza, magnesite, marble or terra cotta, lumber, mill work, sash and doors, labor and overhead and miscellaneous.

L. A. MASTER PAINTERS APPOINT COMMITTEES

Following are the committee chairmen appointed by President O. F. Tallman of the Master House Painters & Decorators Association of Los Angeles to serve during 1923: Legislation committee: Mr. Roney of Arenz-Warren Co.; membership committee; John Kelly of Kelly Mortensen; arbitration committee: A. T. Caulfeild; specifications committee: L. F. Danforth; publicity committee: A. M. Graé; labor committee: W. S. Kline; house committee: A. S. Grant; educational committee: Henry Valk; purchasing committee: Horace H. Mann; good of order committee: R. P. Tuttle; entertainment committee; Arthur Mann of California Furniture Co.

RICHMOND BUILDERS' EXCHANGE WILL BE ELECTRICALLY HEATED

Electric steam radiators is the type of heat selected by the Contra Costa County Builders' Exchange to have installed in its new home in Fourteenth street, one of the main thoroughfares of Richmond. The structure is now in course of construction and when completed will represent an expenditure in excess of $15,000.

The system will be installed by D. J. Collins, representing the Pacific Electric Company of Richmond, according to L. C. Dexter, Secretary of the Exchange.

NICARAGUAN CANAL COST IS PROHIBITIVE, REPORT SHOWS

The estimated cost of a new canal from the Atlantic to the Pacific via the Nicaraguan route is roughly placed at $1,000,000,000, by army engineers and makes the project prohibitive for the present in view of the predicent and his cabinet

It is emphasized at the White House that the only consideration given to the canal matter up to this time, aside from the diplomatic exchanges with Costa Rica incident to the meeting in Washington of the Central American conference, was based upon the thought that prospective profits from operation of the Panama canal might pay for construction of a new waterway.

Figures of a rough character, worked out by army engineers at the request of President Harding and submitted to the cabinet, are regarded at the White House as rendering the project impossible of serious attention for some years to come.

The army engineers based their computation upon the estimates submitted to congress in 1901 by the Walker commission, which investigated the Nicaraguan question. That estimate fixed a cost of $189,864,000 for an eight lock waterway as compared to an estimate of $144,233,358 for the Panama construction. Subsequently the Panama lock dimensions and the width of the canal were increased and these with slides and other unforseen obstacles raised the actual construction cost to $373,000,000.

The engineers' report shows that on the same basis and at pre-war prices the Nicaraguan canal would cost $492,-000,000. It was added that a canal smaller in dimensions than the Panama waterway would be "impracticable for modern ocean going craft."

The Observer.

(Continued from Page 4.)

D. H. McCorkle Manufacturing Co., 319 Twelfth St., Oakland, manufacturers of gas heating appliances, is having a new plant erected in Adeline St. near 20th, Oakland. D. H. McCorkle is president of the company.

The Gazelle Lumber Company, recently incorporated, is now organized and will develop its holdings in Siskiyou County, selling lumber and box shooks to the trade. C. G. Lettelier will be general manager.

The Delta Bridge Corporation, capitalized at $1,000,000 with headquarters in San Francisco, has been organized for the purpose of constructing a bridge over the San Joaquin river at Antioch in addition to erecting a series of warehouses for a general shipping and transportation business. Among the directors are: John T. Whitmire, B. M. Boccoli, C. M. Greene and E. W. Wedge of San Francisco and J. J. Brown of Sausalito.

The Builders' Finance Co. has been organized in Fresno for the purpose of financing the building of homes. M. C. Routt of the Routt Lumber Co. is president and manager; Dr. L. R. Packwood, vice-president and V. S. Routt, secretary-treasurer. Offices are maintained at 2011 Tyler St., Fresno.

San Francisco Machinery Dealers' Ass'n. has elected the following officers to serve for the ensuing year: William B. Goode, president; A. M. Gearhart, vice-president; John D. Eby, treasurer; Albert W. Potts, secretary.

The International Sanitary Manufacturing Co., organized by a group of Oaklanders, plans to establish a plant in Oakland to manufacture a valve which will lessen water consumption by twenty-five per cent. The directorate of the new organization includes R. H. Marchant, Norman De Vaux, J. R. Millar, F. W. Luyer, Joseph Bobba and N. J. Shields.

The city of Palo Alto at a recent election voted bonds of $50,000 for sewer and $109,000 for water main extensions.

The Chamber of Commerce of Tracy is in the market for estimates on the installation of an electrolier system in Central avenue and portions of Sixth street.

Sunday will be observed as a day of rest by the 600 workers on the University of California stadium, now under construction, unless a real emergency arises which will make Sabbath labor essential. Elimination of Sunday work on the project follows protests filed with the Regents of the University by labor officials and Berkeley ministers. Bates & Borland of Oakland have the contract for construction.

The city of Berkeley is going back to the days of the "Town Crier." By a vote of four to one the city council voted an ordinance establishing a bulletin board system of advertising legal noticea rather than the usual newspaper form.

Building activities in Sacramento for 1923 promise to exceed those of any year in the history of the city, according to A. J. Betz, contractor of the Capitol City. Betz declares the construction started in January, usually a quiet period, established the fact that building operations will continue to meet the demand for modern homes and business structures.

The Ironite Paint & Varnish Co., a California corporation, has established a factory at 2485 Hunter St., Los Angeles. The company is a subsidiary of the Seattle Paint Co., of Seattle, Wash., which has been manufacturing paint and varnish in that district for 22 years.

At a conference held in Portland, Ore., February 10, a general wage increase of five cents an hour in the lumber industry in the northwest was agreed upon by the Loyal Legion of Loggers and Lumbermen of both the Pacific Coast and the Inland Empire Districts.

The Fresno County Grand Jury in its report to the supervisors recommends early construction of a new county court house, jail, hospital, old people's home and library.

A petition for a writ of mandate entered by J. M. Sleeper to compel the Lake County Supervisors to form an irrigation district from lands surrounding Clear Lake, has been denied by the Third District Court of Appeals. Sleeper is understood to have represented several hundred petitionrs who sought to form a district not only for irrigation purposes, but to secure dam sites for the generation of hydro-electric power.

The Sonoma County Supervisors contemplate the erection of a new county hospital building. Funds to finance construction will be raised through a bond issue.

One of the most attractive features of the Pacific Coast Regional Meeting of the American Society of Mechanical Engineers, scheduled for Los Angeles, April 16-18, is a visit to the Solar Observatory on Mt. Wilson. The lecture and demonstration of the 100-inch telescope will be of considerable technical interest to engineers attending the three-day meeting

CALIFORNIA NATIONAL FOREST TIMBER CUT BREAKS ALL RECORDS

Breaking all records, the 1922 timber cut of the 17 National Forests of California climbed to 217 million board feet, an increase of 73 per cent over 1921, according to report by District Forester Paul G. Redington. Receipts in payment for this timber totaled $663,000, or an increase of 115 per cent over the preceding year. The record sale of the year was on the Lassen National Forest, where a billion feet of timber was placed under a thrity-year contract with the California Fruit Growers' Supply Co. This was the largest timber sale made in any of the 147 National Forests of the country.

"National Forest stumpage is growing in popularity among lumber owners," says the District Forester, "principally because it can be purchased on small advanced payments and because the timber sold is protected by the Forest Service from fires. 1922 was one of our best timber-sale years, and we expect to do bigger business in 1923. The reason for this increased cut is the exhaustion of the timber supply in other regions, combined with an active lumber market, caused by the wave of home building that is sweeping the country.

"Twenty-five per cent of the pine timber cut in this State now comes from the National Forests," continues Mr. Redington. "Government timber areas when cut over are left in the best possible condition for the production of a new crop of trees. Destructive logging methods are not tolerated on Uncle Sam's forests, and the wisdom of the cutting are slash-disposal regulations imposed by the Government is shown by the fact that a number of large timber operators in this State are now putting similar methods into practice on their privately-owned lands. More and more the fact is becoming appreciated that if we are to continue as a nation of wood usera we must protect our existing forests and put our idle acres to work growing trees."

The total cut of lumber from the National Forests of California for the ten-year period 1913 to 1922, inclusive, amounted to 934 million board feet, valued at $2,254,000 on the stump. Twenty-five per cent of the receipts from the cut of timber are returned to the counties in which the National Forests are located, and an additional ten per cent is expended by the Forest Service on local road and trail construction.

FEDERAL BUILDINGS FOR S. F. ARE RECOMMENDED

San Francisco, Los Angeles, Salt Lake and Seattle are in line for federal buildings. Congress has been asked by Postmaster General Work and Secretary of the Treasury Mellon to authorize nearly a score of buildings in the principal cities of the country.

Building recommendations include:

San Francisco, sale of sub-treasury, acquisition of site and construction of a federal office building, $2,000,000 and acquisition of a site and construction of a postal station, $1,350,000.

Los Angeles, acquisition of site and construction of post office and office building, $3,000,000.

Salt Lake City, acquisition of site and construction of annex or extension to the post office and court house, including remodeling and renovating [illegible],000.

Seattle, acquisition of a site and construction of a postal station and office building, $3,250,000, extension and remodeling court house, customs house and post office building, $650,000.

$64,897.20 Per Mile is Cost of "Ideal Section" of Lincoln Highway

With the completion of the paving of the "Ideal Section," a model stretch of road built in Northern Indiana by the Lincoln Highway Association with funds contributed by the United States Rubber Company, nation-wide attention has been focussed on the road. A vast amount of discussion upon highway design and specifications has been stimulated. This was one of the aims of the Lincoln Highway Association in building the Section.

The Association has long felt that more public thought should be given to the nature of the improvements resulting from the investment of the hundreds of millions of dollars now going into highway construction in this country annually. According to officials of the Association at Detroit the American public, which in the long run is paying the bills, has not taken sufficient interest in the adequacy and permanence of the highways being constructed. Too frequently public ignorance of the problems confronting highway engineers and commissioners has resulted in mistaken public pressure for road improvement which was not properly designed to carry the traffic it would receive. The result has been inefficiency and waste.

Highway engineers and commissioners in many sections of the Union have not had the support of the public in undertaking farseeing improvement plans which, while seemingly expensive, would ultimately save the public large sums in maintenance and reconstruction costs and in facilitating travel.

A. F. Bement, Vice-President of the Lincoln Highway Association in a recent address said, "The Association is gratified that such great public interest has centered on its short section of model road, designed by the foremost highway engineers and other authorities in the Union. It is anxious that the project shall be well and correctly understood.

"The press in some sections of the country has, we believe, presented an exaggerated picture in regard to the cost of the improvement. The fact is, economy, not in first cost, but in ultimate cost, was always before the Technical Committee appointed by the Association to design the Ideal Section for the traffic of today and tomorrow. The hard-headed men who determined upon the plans for the road, which it was hoped would serve as a model for many years, had no intention of being impractical or extravagant. Many of them were public officials, having in charge the expenditures of millions of the public's funds for road-building. They did not advise the Association to attempt any construction which could not be economically justified."

The Association states that in some way the impression has gained currency that the "Ideal Section" cost $100,000.00 a mile. This is not the case. The cost of the reinforced pavement, which by the public is generally considered as the 'road", was but $64,897.20 per mile. This for 40 feet of concrete, 10" thick and reinforced with 80 pounds of steel to the 100 square feet. It will be noted that for the ordinary 20-foot width, this road would have cost but $32,450.00 a mile, even though it was much more heavily reinforced and two to three inches thicker than the paving now being generally laid in many sections of the country.

Two bridges were included in the Ideal Section link and these two structures cost a total of $23,174.26. These expenditures are by no means extravagant. They represent true economy for the volume and type of travel the Ideal Section of the Lincoln Way was designed to carry.

Additional funds, of course, were spent by the Association in the development of the design, and in carrying out of the many added features recommended by the Technical Committee. The cost of the landscape work, which involved much preliminary planning it would not be necessary to duplicate if 100 miles instead of but one were beautified, was $4,800.00 per mile, while the cost of illuminating the Section for night travel was but $4,051.00 per mile. In handling a project of this character money was necessarily expended on expert engineering consultation and in the infinite amount of red tape required to perfect the arrangements with the Federal Government, the State, and the County and the property owners. The benefits of these expenditures are available to any community in the country in the shape of detailed specifications and plans which may be had upon application without expense.

Considering the economy of the Ideal Section's design for heavy volumes of traffic, it should be remembered that maintenance cost will be practically nil for many years, while the original improvement will carry the increasing traffic of the next ten to twenty years without reconstruction.

The cost of a mile of road cannot be standaridized. The sum justifiably to be spent in proper improvement varies with every changing location and condition. The State of New York has just finished the construction of four miles of road along the west bank of the Hudson River, between West Point and Cornwall, known as the "Storm King Highway" after six years of the most difficult work and at an expense of over $700,000, or a cost of $175,000 per mile. The need for this road more than justified the expense.

The State of New Jersey has expended over $80,000 per mile on the construction of certain sections of the Lincoln Highway. Unless the conditions are fully known, no one can say whether this sum represents the truest form of economy or the utmost extravagance. The Lincoln Highway in New Jersey carries, in addition to the heavy volume of local traffic, the ponderous trucks operating out of Baltimore, Philadelphia, New York and Boston, and the thru traffic from the South and West, reaching New York from Philadelphia. The old pavement, which was replaced by the New Jersey State Highway Department, consisted of a reconstructed macadam base, with a two inch bituminous surface. It provided for two lanes of traffic on a paved width of 18 feet. This section was built in 1915 and the repairs due to the heavy traffic cost the State $14,250 a mile, during 1920. New Jersey did a wise thing to tear out this old road and build a modern highway, providing for four traffic lanes, with a paved width of 32 feet and a graded width of forty feet and nine inches of portland cement concrete.

The Ideal Section was designed to carry a traffic of 20,000 vehicles per 24 hours and it can do so with safety, convenience and economy. The Lincoln Highway Association is anxious that the general public appreciate the careful thought and consideration given to the question of cost in connection with the construction of its model section, which without doubt will some day be continuous from Chicago to New York—as a matter of economy.

LUMBER PROFIT IS TOLD TO CONGRESS

Profits reported by 143 representative companies in the southern pine lumber industry averaged 9 per cent on investment in 1917 and 8.5 per cent in 1918, it was shown in a report submitted to congress by the Federal Trade Commission.

Revision of the returns made by the companies by certain eliminations increased the average earnings to 12 per cent in 1917 and 11 per cent in 1918. The commission stated that even after this revision the production costs were inflated in many instances by including the expenses of turpentine and box production and other enterprises which should have been omitted.

Based on returns from 205 companies, producing about 55 per cent of the total output of southern pine, the report showed an average "sales cost" of $16.73 per 1000 feet in 1917 and $22.14 in 1918, against an average sales realization of $20.77 in 1917 and $26.65 in 1918 There was a wide range of variation in these figures for the individual companies.

With the termination of government control of prices in the industry at the end of 1918, the report stated, the prices of southern pine lumber "advanced rapidly to unprecedented levels during the latter part of 1919 and early 192 " The subsequent buyers' strike, it was pointed out, brought a rapid decline, with prices of many grades reaching the 1917 level by the middle of 1921.

CANADA'S WATERFALLS DEVELOP 3,000,000 H. P. IN 1922

Canada's waterfalls developed 3,000,000 horse power of electrical energy during 1922. The revenue to manufacturers from this power amounted to $81,600,000, according to a report issued by the Federal Water Powers Branch of the Dominion government.

Ontario, with Niagara Falls as its chief source of power, led in production among the provinces with 1,330,000 horse power, the report shows. Quebec with 310,000. The remainder was distributed among Manitoba, Alberta, Nova Scotia, New Brunswick and Prince Edward Island.

Despite the high cost of construction, hydro-power development installed last year totaled 529,000 horse power. Total capital invested in water power is estimated at $620,658,731. Horse power development amounts to 337 per 1000 of Canada's population.

"Demand upon industrial centers for greater production is increasing with the cultivation of new stretches of farm land in the west," the report states. "Industrial experts are urging rapid installation of hydro-power plants with a view to providing machinery and other farm supplies at a lower cost, and thus stimulate the greater settlement of lands."

Water power now in use represents a little over 6 per cent of Canada's total water power resources, which are estimated by the report at 41,700,000 horse power.

BUTTE COUNTY HIGHWAYS

The Butte County supervisors at their February session awarded contracts for two units of the county highway system. The contract for a 9.35 mile stretch of the Greville-Chico highway lying between Wick's Corner and the Neal Grade, was let to T. H. and M. C. Polk, of Chico on a bid of $72,006.80 and a 6.07 mile stretch of the Nelson road to the same bidders on a bid of $53,779.50.

Cost Of Pavement Repairs In Newark N. J.

(By J. W. Howard, C. E., E. M.)

Newark, New Jersey is a manufacturing city of 500,000 population. It has heavy traffic of motor vehicles not only within it, but connecting it with Newark, Philadelphia, etc.

The streets are well paved and kept in good repair. The cost of repaving or maintaining each kind of pavement is analyzed and tabulated so as to eventually determine what kinds of pavements are most economical.

The Annual Report for 1921 of the Director of Public Improvements shows the cost of repairs per square yard of pavement bases and of surface layers separately and added together.

The total paved streets on December 31, 1921, was 282 miles. The principal kinds of pavements are shown in the table below.

The city has an excellent municipal asphalt paving plant equipped with storage bins, conveyors, steam rollers and street tools. This plant cost $76,355 not including land. This plant repairs all old asphalt pavements and lays some new one on new locations. The cost of repairs made by the city plant in 1921 to the pavements which have passed the five year guaranteed periods of the original contractors is shown in the following table:

Cost of 1921 Pavement Repairs by Newark, N. J. City Asphalt Etc. Plant

Kind of Pavement	Surface Layer Sq. Yds.	Surface Layer Per Sq. Yd.	Concrete Base Sq. Yds.	Concrete Base Per Sq. Yd.	Total Both*
Sheet asphalt	51,499	$1.8126	3,979	$2.3313	$4.1439
Granite block.....	27,815	1.5262	1,131	2.6651	4.1913
Brick	6,679	3.4968	3,236	4.1820	7.6788
Asphalt block.....	126	4.2169	59	2.9908	7.2077
Wood block	4,168	4.4164	3,487	1.5341 (v)	5.9505

*Total Both—means where surface and base were repaired at same locations.
(v)—Repairs to base of wood block pavement consisted of replacing injured one inch mortar cushion with another on the existing good six or eight inch concrete base below.

The 1923 road program, according to County Road Engineer Harry H. Hume, will comprise the following units: 12 miles section of the Chico-Butte City road, 3 miles to be graveled, the remainder to be paved with asphalt macadam; completion of Neal road to Paradise, 5.2 miles of asphalt macadam pavement; Palermo-Honcut road, 9 miles of asphalt pavement; Union School House to Palermo road, asphalt macadam pavement; 16 miles of Humboldt road, to be graded and surfaced with crushed rock.

ARCHITECTURAL DRAFTSMAN EXAMINATION

The U. S. Civil Service Commission announces an open competitive examination for architectural draftsman. The examination will be held throughout the country on April 4 and 5, and is to fill positions in the Forest Service at $1,740 a year, in the Veterans' Bureau at $2,000 a year and in other branches as vacancies occur. The examination consists of drawing and design; free-hand drawing, ornament, and projection; questions on building materials and construction, and a rating on training and experience.

As the Commission has had difficulty in securing sufficient eligibles for these positions, qualified persons are urged to apply. Full information and application blanks may be obtained from the U. S. Civil Service Commission, Washington, D. C., or the secretary of the board of U. S. Civil Service Examiners at the post office or custom house in any city.

REDDING MUNY ELECTRIC RATES ARE CUT

The City Trustees of Redding, Calif., are going further than the State Railroad Commission in reducing electrical rates in Redding, which owns her own distributing system.

To encourage the use of current for heating and cooking purposes, the trustees have established the "combination rate" for heat, light and power in the city that is 20 per cent lower than the rate established by the railroad commission for use of private corporations in this district, which includes practically all the territory in the northern part of the State north of the bay.

After the next monthly reading of the meters the straight rates for lights in homes will be reduced by the trustees to conform with the rates recently fixed by the railroad commission. Thus, in a dwelling where the minimum monthly rate for lights is now $1.17, after the next meter reading the rate will be only $1.

BAXTER COMPANY OPENS SEATTLE BRANCH OFFICE

The J. H. Baxter & Co., lumber dealers, with headquarters in San Francisco, have opened an office in the White Building, Seattle, and will conduct their Northwest business through this branch. Business done through the Vancouver, B. C., and Everett, Wn., offices will be financed through the Seattle branch which will be in charge of H. W. Baxter.

The company handles all grades and kinds of lumber and sells principally in the domestic market. It owns and operates three vessels in the coastwise trade as lumber carriers from the Pacific Northwest to San Francsico, the S. S. H. W. Baxter, Horace Baxter, and Fred Baxter. In addition to the headquarters in San Francisco and Pacific Northwest offices the company has offices in Los Angeles and New York.

BIDS ASKED FOR STOCKTON MEMORIAL AUDITORIUM

Bids for construction of the proposed memorial auditorium to be erected in the block bounded by Center, Commercial, Fremont and Oak streets will be considered by the Stockton city council on March 20. The building is estimated to cost $600,000.

According to plans prepared by the City Architectural Commission, the structure will be of class A, reinforced concrete construction, with a steel dome and roof trusses. A white cement and pre-cast sand stone exterior finish will be provided. Segregated bids are desired.

The Stockton City Architectural Commission is composed of Architects Glenn Allen, Louis S. Stone and W. J. Wright. Offices of the commission are maintained at 41 South Sutter street, Stockton.

WHAT GOES INTO A MILE OF CONCRETE ROAD?

It is a simple matter for any contractor to figure out the amounts of cement, sand and gravel needed for a certain length of highway construction. In fact, Bulletin 1077 of the United States Department of Agriculture contains a vast amount of this sort of information, with tables giving approximate figures for various thicknesses of pavement. Information on the preliminary work is not so easily obtainable, however, and there are some amazing sidelights to the construction industry that the contractor has but little opportunity to come in touch with.

For example, the government bulletin estimates that a mile of concrete pavement, 7 in. thick at the edges and 8 in. thick at the center, will require 3913 bbl. of portland cement of 2249 cu. yd. of concrete, including 1,102 cu. yd. of sand, or fine aggregate and 1,664 cu. yd. of coarse aggragate or stone.

In making 3,913 bbl. of portland cement, over 390 tons of coal are burned at the cement mill. Approximately 19 tons of gypsum are required to regulate the setting time of the material. To get the cement shipped to the construction job, over 15,600 cloth cement sacks are needed—and approximately 15 bales of cotton must be woven into cloth to supply this item. Incidentally, over 30,000,000 cloth cement sacks are lost or destroyed each year, and the textile mills are called on to furnish material for the replacements. Back in the cement quarries, approximately 150 lb. of dynamite were shot off in blasting loose the raw materials required for the cement for the mile of highway.

The government bulletin estimates that 30 gal. of water are needed to mix and cure a square yard of concrete pavement. Over 300,000 gal. of water must be furnished for the mile of road, and approximately 4,500 tons of concrete go into the construction.

A good idea of what the highway construction business means to the railroads can be obtained from the requirements of the mile of concrete road. About 42 cars of fine aggregate, or sand, are needed on this job. Sixty-five cars of coarse aggregate are required, and it takes 20 cars to haul the cement—or 127 cars for the basic materials. When reinforcing is specified, further transportation is called for, while the water supply is governed by local conditions. In addition to these requirements, the drainage, grading, bridge and culvert construction must all be provided for.

When it is considered that the equivalent of over 7,000 miles of 18-foot concrete pavements were placed under contract during this year, the enormity of the transportation end of the work is easily seen. More than 889,000 freight cars are needed to transport the cement, sand and gravel for this operation. As the peak of the demand comes during the late summer and fall, there is added difficulty in getting materials on the job at exactly the time desired. Early shipments of construction materials, and loading of all cars to capacity limit would go a long ways toward alleviating the congested conditions.—Eng. and Cont.

NEW PROCESS CONCRETE IS MADE IN SHEETS

A new Jersey manufacturer has recently developed an interesting building material in sheet form, which is made of cement and sand, and reinforced with galvanized wire netting.

The slab resulting from this process is nothing but a skeleton of cement concrete, and the setting process, though interrupted during the extraction of the chemical—a wax similar to paraffin—goes on afterward as in any other concrete products. The melting of the waxlike material makes possible the formation of a very light and porous slab, but one of great strength. It is said that the crushing strength of these slabs is 600 pounds to the square inch, but this is not sufficient for many purposes. In such cases the slabs are covered with a cement finish varying from ⅛ to ½ inch in thickness. The reinforcing metal then takes the tensile strength and the top finish takes the compression stresses as in reinforced concrete.—Ex.

Lumber Industry Waste To Be Converted Into Fuel

Utilization of immense waste from lumber by carbonizing and pressing it into full briquettes equal in value almost to anthracite, has been accomplished in sawmills in the Pacific northwest, according to an announcement of the National Lumber Manufacturers' association.

The process, which is said to have been perfected after a year's experimentation, is declared to be an epochal advance in eliminating waste in converting standing trees into useful boards, and will be an important factor in supplying a valuable fuel to take the place of coal in time of shortage.

Robert B. Allen, of Seattle, secretary of the West Coast Lumbermen's association, has been in Washington explaining the process to officials.

Enormous Waste at Present

What this will mean in the lumber industry and to others also, can be gauged by the statement of lumber manufacturers that in the best standing timber, the waste in felling and milling amounts to 60 or 70 per cent. By the time the logs are cut to planks and then to standard building sizes sometimes only about 10 per cent of the entire tree has been put to use. The rest—stump, limbs, chips and sawdust—is either burned to be got rid of, or left on the ground to remain as a menace to the standing forest. Very little of this valuable material is used for fuel, either in lumber mills, nearby power houses or in domestic consumption.

The new process, it is understood, carbonizes the material, presses the resulting charcoal into briquettes that will have various uses, and besides, gives by-products such as tar oil, fuel gas and acetone alcohol. In this way, it is said, comparatively cheap fuel will be made available to metallurgical and other industries as well as in homes, where coal is not abundant or is actually scarce.

Many Benefits Predicted

The method, besides returning an enormous saving to the lumber industry in any section, it is claimed will develop iron and steel industries on the Pacific coast where coal is not found but where ores have been located; will produce the valuable by-products, afford cheaper fuel locally; facilitate the clearing of cutover land for agricultural purposes; give the farmer a return, if not a direct profit on the material that ordinarily hampers preparing of the soil, and make this process much cheaper; will reduce the cost of reforestation where lands are not suitable for agriculture; and finally, will reduce the losses through forest fires by elimination of the dangerous piles of waste left by the timber cutters.

While the process has been successfully applied to the salvage of sawdust and other mill wastes, the engineers backing the movement are still working on the process of using the trash left over where the tree was cut. Forest waste amounts to at least 60 per cent of the standing tree; but when the other 40 per cent arrives at the saw mill it is further reduced by half. For of the average log received at the mill, the cut of the saw exacts a toll of about 13.5 per cent; bark waste runs from 10 to 20 per cent; edging and trimming take another 8.7 per cent slabs the same careless sawing about 3.5 per cent and sizing to standard dimensions about 1.7 per cent. A fair sized mill producing 200,000 board feet of lumber daily will have 200 cords of waste material to dispose of.

While some of this waste is burned to produce steam for the mill, and part is cut into small domestic sizes for local use, considerably more than half the total mill waste alone is burned or thrown into waste piles because there is no market for it. A striking feature of the ordinary sawmill plant is the enormous cylindrical tower of the "burner," whose fires perpetually consume the debris of lumber making.

Under the initial salvage experiments, the new carbonizing and briquette process has been developed in a plant at Centralia, Wash., and it is planned to erect ten commercial briquetting mills from Vancouver, B. C., to Marshfield, Ore.

COLUMBIA STEEL INCREASES CAPITAL STOCK

A certificate of increase in the capital stock of the Columbia Steel Corporation of San Francisco from $20,000,000 to $110,000,000 for taxation purposes, has been filed with the State Department at Dover, Del. The stock is divided into 100,000 shares of preferred, par value $100, and 1,000,000 shares common without nominal or par value. (This change in capitalization has no significance as it was occasioned by a change in the 1,000,000 shares in common stock of $10 par value, to 1,000,000 shares of no par value, officials of the company declare.)

WISCONSIN ROAD FUNDS

According to a pamphlet prepared by the Wisconsin County Boards Association, approximately $37,000,000 was spent in Wisconsin in 1922 by all road building agencies, including state, counties and towns, for highway improvements. Of this sum 25 per cent was provided by bond issues; 57 per cent by direct taxation, and less than 11 per cent by imposts upon motor vehicles.

WAVES IN ASPHALT PAVEMENTS

Samples of sheet asphalt paving from five large cities are being examined in the laboratory of the U. S. Bureau of Public Roads, to determine if possible the cause of the formation of bad spots and waves, or corrugations. A few samples of bituminous concrete are also being examined. The samples have been cut both from good and bad sections of the same paving job and are examined for appearance of sample, grading of aggregate, and quantity and characteristics of asphalt. Although a separate investigation from the traffic test on the circular track made of sections of bituminous concrete it is thought that each investigation may yield information helpful to the other.

Building News Section

APARTMENT HOUSES

Contract Awarded.
APARTMENTS Cost, $16,000
SAN FRANCISCO. SW Geary St. and Twenty-sixth Ave.
Two-story and basement frame (4) apartments.
Owner—John B. Leone.
Architect—None.
Contractor—Strand & Strand, 614 Broderick St., San Francisco.

Contract Awarded.
APARTMENTS Cost, $20,000
SAN FRANCISCO. E Julian Ave. 155 N Sixteenth Street.
Three-story and basement frame (12) apartments.
Owner—Lucia Fassio, 517 Call Bldg., San Francisco.
Architect—H. C. Baumann and Edw. Jose, 251 Kearny St., San Francisco
Contractor—Mission Concrete Co., 517 Call Bldg., San Francisco.

Owner Taking Figures.
APARTMENTS Cost, $12,000
SAN FRANCISCO. N Twentieth St. 100 W Church St.
Three-story and basement frame (5) apartments.
Owner — Thos. J. Feeney, 4683 18th Ave., San Francisco.
Architect — R. R. Irvine, Call Bldg., San Francisco.

Plans Completed.
APT. HOUSE Cost, $50,000
SAN FRANCISCO, Grove St. bet Franklin and Gough Sts.
Three-story frame apartment house (9 3-room and 9 2-room apts.).
Owner—Withheld.
Architect—O. R. Thayer, 110 Sutter St., San Francisco.
Work will be done by days labor or on a percentage basis.

Plans Complete.
APARTMENTS Cost, $35,000
SAN FRANCISCO, NE Oak and Buchanan Streets.
Three-story brick, frame and brick veneer apt. (6 3-room and 6 2-room apartments)
Owner—Mrs. Tillie Nelson.
Architect—O. R. Thayer, 110 Sutter St., San Francisco.
Work will be done by day's labor or on a percentage basis.

Completing Plans—Contract Awarded
APARTMENTS Cost, $1,300,000
SAN FRANCISCO. SE California and Taylor Streets.
Twelve-story and basement Class A steel frame apartment house (450 rooms, 2, 3 and 4-room apts., garage and terraced garden).
Owner—Huntington Apartments, Inc., E. B. de Golia, President and Harrison P. Smith, 114 Sansome St., San Francisco.
Architect — Weeks & Day, California Insurance Bldg., San Francisco.
Contractor—Cahill Bros., 110 Sutter St., San Francisco.
Work will be started in about a month. All apartments will be completely furnished. The exterior will have light brick and terra cotta trimmings, tile roof, marble and walnut lobby, bronze doors, linotile bathroom floors, concealed radiators, wall beds, refrigerators, incinerator, electric stoves.

LOS ANGELES, Los Angeles Co., Cal.—Richardson Bldg. & Engr. Co., 1127 Story Bldg., Los Angeles, have been awarded the contract for the erection of an eight-story, Class A apartment building at Wilshire Blvd. and Carondelet St., for Wilshire-Carondelet Holding Co. Plans by Architects Russell & Alpaugh, 1106 Story Bldg., Los Angeles. It will contain 376 rooms, 188 aparts.; lobby, ballroom and locker room; dimensions 135x155 ft., reinf. concr. constr., press. brick and cast stone exter., hardwd trim, marble and tile work, steam htg., wall beds, 2 passenger elevators, vacuum cleaning, refrig. system; $700,000.

SANTA MONICA, L. A. Co., Cal.—Architect A. B. Rosenthal, Jr. Orpheum Bldg., L. A., has prepared plans for an 8-sto and basement class A apt. house to be erected at n.e. cor. of Ocean Ave. and Montana St., Santa Monica, for Rapp & Harrison. It will be L-shape, 125x95 ft., and will contain 182 rooms arranged in 85 apts.; reinf. conc. constr. plas. exter., marble and tile work, elevators, steam heating, hardwood and pine trim, vacuum cleaning, wall beds, tiled baths; $450,000. There will also be garages for 30 cars.

LOS ANGELES, Cal.—Lange & Bergstrom, Washington Bldg., have been awarded a contract on a percentage basis for all work complete for the erection of a 4-story and basement class C apt. house at the corner of Cahuenga Ave. and Hollywood Blvd. for Leach Cross, Walker & Elsen, 325 Pac. Finance Bldg., L. A., archts. The bldg. will contain 172 rms., 90 apts.; 100x160 ft., brick walls, press. brick facing, cast stone trim. $225,000.

BANKS

Plans Being Figured.
BANK BLDG. Cost, $——
SAN FRANCISCO. NW Miramar and Ocean Aves.
One-story hollow tile, frame and plaster bank (Spanish Style).
Owner—Mercantile Trust Co.
Architect — G. Albert Lansburgh, 140 Montgomery St., San Francisco.
Figures are being taken by Mr. C. R. Collupy of the Bank, 464 California St., San Francisco.

Plans Being Prepared.
BANK Cost, $60,000
PLACERVILLE, El Dorado Co., Cal.
Two-story reinforced concrete bank building.
Owner—Placerville National Bank.
Architect—H. H. Winner Co., Sharon Bldg., San Francisco.

Plans Being Prepared.
BANK Cost, $75,000
NAPA, Napa Ca., Cal. Main St.
One-story reinforced concrete bank building, 60x75 (stone or terra cotta facing).
Owner—Bank of Napa.
Architect—H. H. Winner Co., Sharon Bldg., San Francisco.

PORTERVILLE, Tulare Co., Cal.—R. Hodgson, 215 South F St., Porterville, at approx. $85,000 awarded contract by Home Bank of Porterville to erect two-story brick and terra cotta bank and office building at Oak and Main Sts. Will be 60x120 ft., with 24 offices on 2nd floor, the entire first floor to be used for banking quarters; steam heating system will be installed.

LOS ANGELES, Cal.—Bruner Marble & Tile Co., Marsh-Strong Bldg., has been awarded a contract at $110,000 for furnishing and installing marble and tile work for the class A California Bank Bldg., in L. A., being erected on Spring St., bet. 6th and 7th Sts., in L. A. The contr. includes both the banking room and office bldg. section. Curlett & Beelman, archts.; Macdonald & Kahn, contractors.

A. E. Leitch Fred Clark

CLARK & LEITCH ROOFING CO.

Successors to E. S. Warner

Office and Warehouse:

1116 SECOND ST., SACRAMENTO

Phone Main 726

BONDS

SOUTH PASADENA, Cal.—State Legislature has validated an act introduced by Senator Egbert J. Gates, providing for a $15,000 bond issue to build a pedestrians' tunnel under Huntington Dr. and the Pacific Electric tracks at Fremont Ave.

SAN ANSELMO, Marin Co., Cal.—Election will be held March 3, to vote bonds of $75,000 to finance construction of bridges in various sections of town.

SANTA ANA, Cal.—Election will be held in March to vote bonds of $30,000 to pave portion of West 5th St.

GRASS VALLEY, Nevada Co., Cal.—City Trustees vote to call election to vote bonds of $100,000 to finance paving of streets including portions of Auburn, Bennett, Main, Neal, Church, School and Colfax Ave. The distance is computed at 3.34 miles, or 17,644 ft. and the sq. ft. area at 371,595. From estimates secured the expense is expected to be slightly less than 22 cents per sq. ft.

SUSANVILLE, Lassen Co., Cal.—Bonds of $40,000 voted to finance construction of a sewer system and disposal plant.

HANFORD, Kings Co., Cal.—County supervisors sell $264,000 bond issue of Tulare Lake Reclamation District; proceeds of sale to finance levee and other improvements in district.

ANTIOCH, Contra Costa Co., Cal.—City Trustees order bids called for purchase of $30,000 to finance improvements to water system, incl. installation of pumping equipment. Clyde F. Smith, 7 Nottingham St., Berkeley, eng.

SANTA ANA, Cal.—Bond election will be held in March to vote bonds of $25,000 to finance construction of two new fire stations.

FRESNO, Fresno Co., Cal.—City Commissioners abandon proposal to call election to vote bonds of $200,000 to erect fire stations and purchase additional equipment for department. The issue will probably be voted upon in 1924.

SAN RAFAEL, Marin Ca., Cal.—March 6 is date set to vote bonds of $290,000 to finance construction of a new high school, the district to comprise the towns of San Quentin, San Pedro, Dixie, Loma Alta, Lagunitas and San Rafael. Election will be held at same time in San Rafael city school district to vote bonds of $210,000 to finance construction of elementary school buildings. Architects to prepare plans are yet to be selected.

SACRAMENTO, Cal.—City Commissioners contemplate bond election to finance conatruction of two new fire houses. H. G. Denton is City Clerk.

CENTERVILLE, Alameda Co., Cal.—Bids for the purchase of the $75,000 bond issue of the Union Sanitary Dist. will be asked immediately. Proceeds of the sale will finance sewer improvements, plans for which have been made by County Surv. Geo. A. Posey.

DELANO, Kern Co., Cal.—Bonds of $70,000 recently voted to finance construction of extensions to water system and the purchase of additional fire equipment are held illegal due to two propositions being voted upon under a single head. Another election will be held March 5.

SACRAMENTO, Cal.—Election will be called shortly to vote bonds of $285,000 to finance sewer and water main extensions. Albert Givan, city eng.

PALO ALTO, Santa Clara Co., Cal.—Bonds of $209,000 were voted at a recent election to finance construction of water main extensions. J. F. Bxybee city eng.

TRACY, San Joaquin Co., Cal.—Election will be held Feb. 27 in Tracy Clover Irrigation District to vote bonds of $52,170 to finance improvements in district, of which Thos. Graves is president and Geo. M. Hench, secretary.

SPARKS, Nevada.—Election held Feb. 14 to vote bonds of $100,000 to finance construction of junior high school and auditorium failed to carry. Another election will be called to vote bonds to finance construction of smaller structure.

LOS BANOS, Merced Co., Cal.—Election will be held March 5 in Los Banos School District to vote bonds of $20,000 to finance school developments. Trustees of district are: J. W. Ives, W. J. Stockton and J. V. Toscano.

SAN JOSE, Santa Clara Co., Cal.—Supervisors sell $4,500 bond issue of Cambrian School District for premium of $1; proceeds of sale to finance school improvements.

PLACERVILLE, El Dorado Co., Cal.—Second election will be called in Placerville Union High School District to vote bonds of $160,000 for new high school. Last election failed by approx. 8 votes. Frederick Harrison, Peoples Bank Bldg., Sacramento, is the architect.

MODESTO, Stanislaus Co., Cal.—$175,000 bond issue of the Modesto School District has been sold for premium of $12,206; proceeds of sale will finance school improvements, plans for which have been completed by Architect W. H. Weeks, 369 Pine St., San Francisco.

PALO ALTO, Santa Clara Co., Cal.—Bonds of $49,676 voted at recent election to finance sewer construction. J. F. Bxybee, Jr., city eng.

ANTIOCH, Contra Costa Co., Cal.—Trustees of Antioch School District plan to call election to finance construction of new grammar school, the present structure to be moved to another site and used for kindergarten and primary grades.

FRESNO, Fresno Co., Cal.—Fresno County Grand Jury in its report to the county supervisors recommends early construction of new county buildings, including jail, courthouse, hospital, old people's home and library in addition to providing larger office quarters for the district attorney and the redecoration of the quarters of Judge Geo. W. Smith. D. M. Barnwell is county clerk. Speed B. Leas is secy. of the Grand Jury.

SACRAMENTO, Cal.—Election will be called shortly to vote bonds of approx. $750,000 to finance construction of municipal auditorium with seating capacity of 7,500 and 8,000. H. G. Denton, City Clerk.

PLEASANTON, Alameda Co., Cal.—Bonds of $110,000 have been voted in Amador Valley Joint Union High School District; proceeds of sale to finance construction of a new high school.

SANTA ROSA, Sonoma Co., Cal. — County supervisors will re-advertise sale of $375,000 bond issue of Santa Rosa High School District; proceeds of sale to finance construction of new high school, plans for which were prepared by Architect W. H. Weeks, 369 Pine St., San Francisco.

BEND, Ore.—Petitions are in circulation seeking formation of union high school district comprising the Harper and Bend districts. After organization district will vote bonds of $200,000 to finance construction of new high school.

CHURCHES

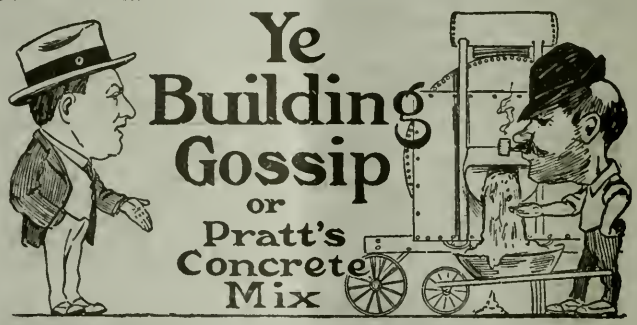
Plans Made—Site to be Selected Shortly
CHURCH Cost, $——
BAKERSFIELD, Kern Co., Cal.
Church building; auditorium to seat 1,500 with Bible school for 2,000 pupils.
Owner—First Christian Church, 13th and H Sts., Bakersfield.
Architect—Robt. H. Orr, Corporation Bldg., Los Angeles.

Sub-Figures Being Taken By Contractors.
CHURCH Approx. $225,000
SAN FRANCISCO, N Mission St. bet. 3rd and 4th Sts.
Completion of church.
Owner—Roman Catholic Archbishop of S. F., 1100 Franklin St., S. F.
Architect—The Gorman Co., New York.
Contractor—Grace & Bernieri, Claus Spreckels Bldg., S. F.
Sub-figures are being taken for electrical work, plumbing, lathing, plastering, marble work, etc.

Plans Approved.
CHURCH, ETC. Cost, $100,000
BAKERSFIELD, Kern Co., Cal. Sixteenth and I Streets.
Four-story fireproof church and school rooms; auditorium seating 1,200 and school rooms for 1,800 pupils.
Owner—Christian Church of Bakersfield.
Architect—Robert H. Orr, Corporation Bldg., Los Angeles.

Preliminary Plans Being Prepared.
BUILDING Cost, $30,000
OAKLAND, Alameda Co., Cal., Park Blvd and 30th Ave.
Two-story frame and stucco bldg.
Owner—St. Stephens M. E. Church (Rev Rollin S. Tuttle pastor)
Architect—Paul V. Tuttle & Rollin S. Tuttle, associated 357 12th St., Oakland.

PORTLAND, Ore. — Architects De Young & Roald, Spalding Bldg., preparing plans for brick church to be erected at 26th and Fremont Sts. for Fremont Methodist Church; est. cost, $75,000. Only first unit will be undertaken at this time, to cost $25,000.



THURSDAY NIGHT at the Balboa Theatre.
• • •
IN OCEAN Avenue.
• • •
IN BEAUTIFUL Westwood Park.
• • •
THERE WAS a theatre party.
• • •
AND MAYOR Rolph.
• • •
AND HIS Board of Supervisors.
• • •
WERE WITH us.
• • •
CLARENCE SAND Pratt, President.
• • •
OF THE Pratt Building Material Co.
• • •
DOUGLAS 300—"easy to remember."
• • •
AND "MAYOR" of Westwood Park.
• • •
DELIVERED A speech.
• • •
OR WHATEVER you call it.
• • •
AND TOLD the multitude assembled.
• • •
ABOUT BEAUTIFUL Westwood Park.
• • •
AND IF Henry J. Brunnier.
• • •
WELL-KNOWN ENGINEER.
• • •
AND CHAIRMAN of the meeting.
• • •
DID NOT stop Sandy Pratt.
• • •
THE VAST audience would have been told.
• • •
ABOUT PRATT'S clean, sharp sand.
• • •
AT PRATTCO. Monterey County.
• • •
AND MARYSVILLE and Sacramento.
• • •
AND RALPH Contractor McLeran.
• • •
MADE A speech.
• • •
AND SUPERVISOR Bill Scott.
• • •
DISTRIBUTED SOME of his oratory.
• • •
THEN BEN Blair, wholesale plumber.
• • •
DEBATED ON bathtubs.
• • •
WITH HUGH Oliphant, another plumber.
• • •
"I THANK you."

Above we see a picture of Clarence singing that beautiful solo "I am the Candy Kid Because I am the Sandy Kid." It was the hit of the evening, and the tune took the audience by (sand) storm.

NORTH BEND, Ore.—Presbyterian Congregation will erect $15,000 church, construction to be financed by members of the church at Marshfield, Ore.

SEATTLE, Wash.—Architect Robt. H. Orr, Corporation Bldg., Los Angeles, has completed plans for University Presbyterian Church to be erected in Harvard Ave.; will be 86 by 143 ft., est. cost, $80,000.

FACTORIES & WAREHOUSES

Contract Awarded.
PAINT SHOP Cost, $10,000
SAN FRANCISCO. S Grove St. 105 E Van Ness Ave.
One-story brick paint shop building.
Owner—D. Zelinsky & Sons, 420 Turk St., San Francisco.
Architect—S. Helman, 57 Post St., San Francisco.
Contractor— MacDonald & Kahn, 130 Montgomery St., San Francisco.

Plans Being Figured—Bids Close Feb. 12, 1923.
FACTORY Cost, $14,000
SAN FRANCISCO, NE 13th and Howard
One-story class C reinforced concrete paper box factory.
Owner—Jas. E. Scott, 526 Funston Ave., San Francisco.
Architect — Dodge A. Riedy, Pacific Bldg., San Francisco.

Contracts Awarded.
FACTORY Cost, $50,000
SAN FRANCISCO, NE Second and Brannan Streets.
Two-story and basement Class C factory building.
Owner—Los Angeles Soap Co.
Architect—W. H. Crim, Jr., 425 Kearny St., San Francisco.
Carpentry and concrete work to Vukicevich & Bagge, 180 Jessie St., S. F. $61,211.
Metal sash to U. S. Metal Products, 310 Tenth St., $1360.
Plumbing to Lawson and Drucker, 450 Hayes St., $3785.
Brick work to Reed & Reed, 180 Jessie St., $970.
Heating to Scott Co., 243 Minna St., $2230.
Roofing to Jas. Cantley, 180 Jessie St., $865.
Sheet metal work to Heidt Cornice Co., 152 1st St., $1047.
Plastering to Thos. Carroll, 180 Jessie St., $4200.
Painting to J. P. Fraser, 902 O'Farrell $1575.
Mastic Flooring to Malott & Peterson 2412 Harrison St., $86.

Plans Complete.
WAREHOUSE Cost, $11,500
OAKLAND, Alameda Co., Cal., NE 3rd and Webster Sts.
One-story brick store and warehouse.
Owner—A. S. Day, 1420 Jackson St., Oakland.

Contract Awarded.
BUILDING Cost, $13,000
OAKLAND, Alameda Co., Cal., SE 9th & Alice Sts.
Two-story concrete building.
Owner—E. F. Euphrat (Richmond Sanitary Mfg. Co.)
Architect—John H. Powers, 460 Montgomery St., San Francisco.
Contractor—Cahill Bros., 110 Sutter St., San Francisco.

LOS ANGELES, Cal. — Archts. John Parkinson and Donald B. Parkinson, 420 Title Insurance Bldg., L. A., are preparing working plans for a class A store and loft bldg., to be erected on 7th St., bet. Hope and Flower Sts., for the Martz estate. The bldg. will be designed for 10-story, of which 4 stories and basement will be erected at present. It will be $100x125 ft., steel frame constr., brick filler walls, terra cotta facing, plate glass, reinf. conc. fls., metal frames and sash, elevators.

SAN PEDRO, L. A. Co., Cal.—Archt. Albert C. Martin, 430 Higgins Bldg., L. A., is preparing plans for a boiler house machine shop and generating plant bldg. to be erected at San Pedro for Pacific Coast Borax Co. It will be 1-sto. and part 2-sto., 60x140 ft., steel frame and steel roof trusses, conc. walls, iron sash, asbestos corr. iron roofing; $100,000.

YUBA CITY, Sutter Co., Cal.—Supervisors purchase sites in Road Districts Nos. 1 and 2 and will erect warehouses for storage and repair of county equipment. O. W. Lanzendorf is county road engineer.

OROVILLE, Butte Co., Cal.—James W., Albert J., and A. Vaughan, Oroville, have purchased entire block in vicinity of Robinson and High streets, and on receiving permission to construct a spur track fronting the site, will commence construction of a wholesale grocery warehouse.

ASTORIA, Ore.—Union Oil Co., will construct a $250,000 fireproof warehouse and distributing plant in the vicinity of the Mack Dock. Early construction is planned.

NAPA, Napa Co., Cal.—Rawling Manufacturing Co. proposes to erect plant in this city to manufacture a foot controlling device. According to A. W. Rawling, president of the company, the plant will furnish employment for between 400 and 500 men. Napa Chamber of Commerce has appointed the following committee to chose sites on which to locate the plant: John D. Cochrane, Chas. E. Trower and E. G. Manasse.

HANFORD, Kings Co., Cal.—A Schostak of Cloverdale, is conferring with the Chamber of Commerce regarding the establishment of a casein plant in this city, the product being a glue made from skimmed milk. To secure establishment of plant the Chamber of Commerce must guarantee to secure 15 to 20 tons of skimmed milk per day.

STOCKTON, San Joaquin Co., Cal.—Fisher Bros. Planing Mill, 141 W-Channel St., Stockton, has purchased property at the intersection of East St. and Weber Ave., triangular in shape with a 16 ft. frontage on Fair Oaks Ave., 66 ft. on East St. and 600 ft. on the S. P. in Weber Ave., on which it will erect a new plant to consist of offices and storage building, 66 by 150 ft., moulding storage shed, 100 by 150 ft. and mill 100 by 150 ft. Construction will be of frame and stucco with concrete floors. Plant and equipment will cost $75,000.

TAFT, Kern Co., Cal.—Central California Ice Co., Fresno, will erect a $60,000 ice plant in Sixth St. Building will be of brick construction, the first unit to have capacity of 50 tons per day.

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M
PLASTIC WATERPROOF
PORTLAND CEMENT
A Standard Portland Cement
Plus
Plasticity and Waterproofness
For Sale By
BUILDING MATERIAL DEALERS
EVERYWHERE

CHICO, Butte Co., Cal.—E. L. Griffith, representing the Twinko Broom Co. of Seattle, Wash., is conferring with the Chico Chamber of Commerce with regard to the establishment of a plant in Chico for the manufacture of brooms.

TACOMA, Wash.—S. C. Erickson, Tacoma, at approx. $250,000 awarded contract to erect 3-story reinforced concrete addition, 335 by 95 ft., to plant of Wheeler-Osgood Company for the manufacture of sash and doors; work to be completed May 1.

VISALIA, Tulare Co., Cal. — Plans will be submitted to the directors of the Visalia Implement Works in the near future for an all-steel-construction shop building to be erected in Houston Ave., just east of the Santa Fe Railroad. Building will cover an area of 84 by 100 feet. J. Sub Johnson, Visalia, contractor, is a director of the company.

SAN FRANCISCO—The State Board of Harbor Commissioners opened bids on Feb. 15 for furnishing materials and constructing an extension to Pier No. 42 on the waterfront of San Francisco. The Contract was awarded to the Clinton Construction Co., 923 Folsom St. Following is a complete list of the bids:

Clinton Construction Co.	$43,387
Hannah Bros.	44,500
A. W. Kitchen Co.	45,280
Healy-Tibbitts Constr. Co.	46,339
Tibbitts Pacific Co.	48,878

STOCKTON, San Joaquin Co., Cal.—Valley Ice Co., Stockton, has filed application with city council for permit to erect an ice plant about 1 mi. south of South St. Taken under advisement. A. L. Banks is City Clerk.

ANTIOCH, Contra Costa Co., Cal. — Articles of incorporation have been filed with the San Francisco county clerk by the Delta Bridge Corp., capitalized at $1,000,000 with headquarters in San Francisco. Purpose of the company is to construct a bridge over the San Joaquin river at Antioch and to erect a series of warehouses for a general transportation and shipping business. Among the directors are: John T. Whitmire, B. M. Boccoli, C. M. Greene and E. W. Wedge, of San Francisco and J. J. Brown, of Sausalito.

LOS ANGELES, Cal.—The Southern California Telephone Co. announces that its 1923 building program will include a new substation at Adams St. and Hobart Blvd. to cost $325,000; a new station at Santa Fe Ave. and Saturn Ave. to cost $175,000; a new station at 69th St. and Vermont Ave., to cost $250,000; these bldgs. to be class A constr. The company also plans to erect a 2-story concr. addition to the bldg. at First and Soto Sts. at a cost of $65,000 and a 1-sto. brick bldg. at South Park and Vernon Aves. to cost $18,000.

TUSCON, Ariz.—Tucson Gas, Electric Light & Power Co. has authorized extensions and betterments amounting to $300,000. Work will include gas mains costing $50,000, new building erected to house a new 850 h. p. Diesel engine, new tracks, paving, etc. Sam Headman, engr. in charge of construction.

MERCED, Merced Co., Cal. — Contion of the proposed packing plant of the California Packing Corp., of San Francisco has been postponed until 1924 due to the fact the company cannot complete the structures to handle the 1923 crop. Plans for the building have already been completed by Phillip Bush, chief engineer, for the company with offices at 101 California St., San Francisco.

SAN FRANCISCO — Grain Trad. Ass'n. of Chamber of Commerce seeks to have State Board of Harbor Commissioners construct a modern grain terminal on Islais Creek. It is proposed to have at the terminal huge storage binds, close to deep water dockage, with all modern appliances for speedy handling of grain cargoes in addition to the installation of modern machinery for cleaning grain. Frank G. White, Ferry Bldg., is Chief Eng. of Harbor Commission.

LOS ANGELES, Cal. — Archt. E. L. Mayberry, 472 Pac. Elec. Bldg., L. A., is preparing plans for a 13-story and basement class A loft bldg., to be erected on the east side of Hill St., bet. 7th and 8th Sts., L. A., for W. W. Paden, 506 Story Bldg., L. A. It will be 50x150 ft., reinf. conc. constr., terra cotta facing; cost $500,000.

TACOMA, Wash.—Gregory Furniture Co., in Center St., will construct additions and install additional equipment in its factory. Additions are also planned by the Washington Parlor Furniture Company.

FLATS

Contract Awarded.
FLATS Cost, $10,000
SAN FRANCISCO, S Taraval 57-6 W 26th Ave.
Two-story & basement frame (2) flats and store.
Owner—A. H. Behm, 3030 24th St., S. F.
Architect—None.
Contractor—H. S. Memberger, 5720 California St., S. F.

Contract Awarded.
FLATS Cost, $14,375
SAN FRANCISCO, SE 18th St. & Lexington Ave.
Two-story and basemeot frame (4) flats.
Owner—J. Rudolph, 84 Cordova St., San Francisco.
Contractor—C. Lindberg, 257 Surrey St., San Francisco.

GARAGES

Figures to be Taken in a Few Days.
GARAGE Cost, $50,000
STOCKTON, San Joaquin Co., Cal. Hunter and Channel Streets.
One or two-story reinforced concrete garage, 100x80x150.
Owner—Henry Cowell Estate, W. H. George, Mgr., 2 Market St., S. F.
Architect — Henry H. Meyers, Kohl Bldg., San Francisco.

Contract Awarded.
GARAGE Cost, $23,000
FRESNO, Fresno Co., Cal. Van Ness Avenue.
One-story concrete garage, 70x150 (ornamental brick exterior).
Owner—E. A. McCord.
Lessee—Fresno Motor Co., Fresno.
Architect — Contractor — Trewhitt-Shields Co., Rowell Bldg., Fresno.

Contract Awarded.
GARAGE Cost, $40,000
FRESNO, Fresno Co., Cal. L St., bet. Merced & Tuolumne Sts.
Garage.
Owner—Herminghaus Estate, to be leased to Waterman Bros., Fresno.
Contractor — Davis - Heller - Pearce, Stockton, Cal.

Ready for Bids Feb. 19th.
GARAGE, ETC. Cost, $15,000
MARTINEZ, Contra Costa Co., Cal. Sixth and Ward Sts.
Two-story brick, hollow tile or frame and stucco auto sales and garage building.
Owntr—D. Mendel.
Architect — W. A. Doctor, 417 15th St., Oakland.

LOS ANGELES, L. A. Co., Cal. — Archts. Walker & Eisen, 325 Pac. Finance Bldg., Los Angeles, are preparing plans for a 4-sto. class A garage bldg., 150x150 ft., to be erected at 6th St. and Kenmore Ave. for J. B. Lilly and P. B. Fletcher. The bldg. will be designed for 9-sto; reinf. concr. constr., stores on the 6th St. side, plate glass, steel sash, metal skylights, elevator and ramps.

MERCED, Merced Co., Cal.—San Joaquin Light and Power Co., Fresno, will construct a 24-ft. addition to its garage in this city. Addition will be used for repair shop. Raleigh Casad is district manager for the company at Merced.

ORLAND, Glenn Co., Cal.—Harry C. Hauck, Orland, awarded contract to erect one-story reinforced concrete garage, 80 by 100 ft., at Fifth and Swift Sts., for Ford Garage Agency.

GOVERNMENT WORK AND SUPPLIES

Plans Completed.
HANGARS Cost, $——
CRISSY FIELD, San Francisco.
Two steel hangars; one 30x184 feet and one 66x140 ft. (The steel is now on the ground).
Owner—U. S. Government.
Architect—Constructing Quartermasters' Office, Fort Mason.

CALIFORNIA—Secretary Mellon, of the Treasury and Postmaster-General Work in estimates submitted to Speaker Gillett, of the House of Representatives submit estimates of cost for the purchase of sites and the erection of federal buildings in 140 cities. The estimates total $45,606,000.

It is proposed, according to the recommendations made, to sell the San Francisco Sub-Treasury, the acquisition of a site and construction of a federal office building costing $2,000,000 and the purchase of a site and the construction of a postal station costing $1,500,000. Other recommendations made include:

Salt Lake City: Site and construction of annex or extension to postoffice and courthouse.

Los Angeles: Site and construction of postoffice and office building.

Seattle: Site and construction of postal station and office building, $3,250,000; extension and remodeling of courthouse, custom house and postoffice building $650,000.

DENVER, Colo.—Orton & Steinbrenner Co., Chicago, at $8600 submits low bid to U. S. Reclamation Service, for fur. drag line excavators .Other bids were: Bucyrus, South Milwaukee, Wis., $14,305; Orton & Steinbrenner Co., Chicago, $8600; Austin Machinery Corp., Toledo, Ohio, $13,400; Northwest Engineering co., Green Bay, Wis., $12,625; Pawling & Harnischfeger Co., Milwaukee, Wis., $13,450; Link-Belt Co., Chicago, $11,900; Marion Steam Shovel Co., Marion, Ohio, $12,450; Koehring Co., Milwaukee, Wis., $12,000.

WASHINGTON, D. C.—L. L. McCandiess, Honolulu, T. H., at $2500 awarded contract by Bureau of Yards and Docks, Navy Department, under Spec. 4789, for additional artesian well at Pearl Harbor, T. H.

WASHINGTON, D. C.—Globe Electric Works, 1959 Mission St., San Francisco at $2100 under Spec. No. 4757, awarded contract by Bureau of Yards and Docks, Navy Department, for fur. telephone conduit cables and terminal at San Diego, Calif. Time for completion 100 days. Complete list of bids follow: Globe Electric Works, item 1, $2100, 100 calendar days; 2, $341, 84 days; W. A. McNally, 617 S Bdwy., Pasadena, Cal. item 1, $2381, 100 days; 2, $301.20, 100 days; G. E. Engineering Co., Inc., 449 W 42nd St., New Yory City, item 1, $3075, time as specified; 2, $181.50, $145.20, and $18.15.

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Kalamein, Copper and Bronze Doors and Trim

Ornamental Entrances

Sheet Metal Work of Every Description

CHAS. SCHULTHEIS, Mgr.

3117-3119 TWENTIETH STREET near Harrison St.

SAN FRANCISCO, CALIF.

WASHINGTON, D. C.—Vilter Mfg. Co. 935 Clinton St., Milwaukee, Wis., at $17,670, under Spec. 4735, awarded contract by Bureau of Yards and Docks, Navy Department, for refrigerating and ice-making plant, at Pearl Harbor, T. H. Time for completion 150 days.

WASHINGTON, D. C.—Following bids rec. by Bureau of Yards and Docks, Navy Department, under Spec. 4768, for water softening equipment for San Diego Naval Base: International Filter Co., Chicago, $2169, 90 days; Permitit Co., 440 4th Ave., New York City, item 1, $3680, alternate $360, 150 days; 2, $2805; American Softener Co., Philadelphia, $8500, 120 days; Chas. C. Moore & Co., San Francisco, Item 1, $5770, 120 days; Wayne Tank & Pump Co., 602 Canal St., Fort Wayne, Ind., item 1, $4185, 150 days; 2, $4015, 150 days; G. E. Engineering Co., New York City, item 1, $4293, 150 days; 2, $4600, 150 days.; Thos. Haverty Co., Los Angeles, Calif., item 1, $4646, 150 days.

WASHINGTON, D. C.—Bids are being received by Bureau of Supplies and Accounts, Navy Dept., for fur. and del. materialsc to Navy yards as follows, the date for opening bids a enoted at end of each paragraph:

Schedule 465, Mare Island, Calif., 4200 feet electric wire, Feb. 27.

Schedule 475, Puget Sound, 6 oil coolers, Feb. 27.

Schedule 477, Mare Island, 870 sheets window glass, Feb. 27.

Schedule 479, Puget Sound, miscellaneous quantity of pumps and spares, Feb. 27.

Schedule 480, Mare Island, 7500 ft. radio frequency cable, Feb. 27.

Schedule 481, Puget Sound, miscellaneous quantity of variable feed pumps and spares, Feb. 27.

Schedule 484, f. o. b., 56,600 pounds cast steel chain, Feb. 20.

Schedule 485, for Mare Island, 100,000 ft. plain bell wire, March 6.

Schedule 488, Mare Island, 2700 ft. rubber hose with wire stiffening without couplings, 4-in. in dia., in 2-ft. lengths, for use with fuel oil, March 6.

Schedule 489, for Mare Island, 4000 qts. fire extinguishing liquid, Mar. 6.

Schedule 492, eastern and western yards, steel wire rope, March 6.

Schedule 499, Mare Island and Puget Sound, 25 oil-burning navy standard ranges, Feb. 27.

Schedule 505, Mare Island, Douglas fir, pine and redwood, March 6.

Schedule 506, eastern and western yards, 51,000 ft. white ash, March 6.

Schedule 507, eastern and western yards, misc. lumber, March 6.

Schedule 508, eastern and western yards, white oak, March 6.

Schedule 512, Mare Island, 17,325 lbs. sheet steel, March 6.

Schedule 515, Mare Island, 50,000 lbs. marine glue, March 6.

WASHINGTON, D. C.—Until Feb. 20, 10:30 a. m., bids will be rec. by Panama Canal Commission, under Circular No. 2312, for fur. and del. Balboa (Pacific Port): Steel rope, duplex pumps, iron and brass pipe fittings, brass valves, storage batteries, ejectors, fire extinguishers, window glass, cotton rope, special bronze, boiler plate zinc, pig tin, galv. wire netting, red sign paint, etc.

WASHINGTON, D. C.—Robt. E. McKee, 1900 Texas St., El Paso, Texas, at $30,000, time for completion 4 months, awarded contract by Supervising Architect, Treasury Department, to change floors in two wings of infirmary building at Veterans' Hospital at Fort Bayard, N. M.

WASHINGTON, D. C.—Simpson Mfg. Co., 4246 Holden St., Emeryville, Calif., at $5,450 awarded contract by Supervising Architect, Treasury Department, to install screens at U. S. Veterans' Hospital at Palo Alto, Calif. Other bids: E. T. Burrowes Co., Portland, Me., $5,700; Wisnom Lumber So., San Mateo, Calif., $9,112; King Bros. & Collier, Inc., Newport News, Va., $8,415.68.

WASHINGTON, D. C.—Miller Bros., Bremerton, Wash., at $6,674, time 60 days, submits low bid to Bureau of Yards and Docks, Navy Department, under Spec. 4750, to construct fuse and detonator house at Puget Sound, Wash., Navy Yard.

WASHINGTON, D. C.—Bids will be received by the U. S. Supervising Architect's office for clinical equipment at the veterans hospital at Palo Alto, Cal. **See call for bids under Official Proposals.**

WASHINGTON, D. C.—As previously reported, John Pringle, 212 Anita Rd., Burlingame, Calif., at $4900 submits low bid to Bureau of Yards and Docks, Navy Dept., under Spec. 4716, to const. water supply system at Tiburon, Calif., time for completion 90 days. Complete list of bidders follow: J. T. Walsh, San Francisco, $5692, 90 days; Michael Murphy, Berkeley, Calif., $5890, 120 days; Schultz Construction Co., San Francisco, $5774, 90 days. Marion Municipal Water Dist., San Raphael, Calif., $5571.80, 90 days; G. E. Engineering Co., 449 W 42nd Street, New York City, $11,000, 90 days; Turner Co., San Francisco, $5960, 30 days; Butte Electric Equipment Co., San Francisco, $6588, 120 days; Engineering Structures Co., San Francisco, $7370, 160 days.

HALLS AND SOCIETY BUILDINGS

Plans Being Prepartd.
LODGE BLDG. Cost, $45,000
BERKELEY, Alameda Co., Cal. Cor. Colusa and Solano Avenues.
Two and three-story reinforced concrete lodge building.
Owner—Thousand Oaks Masonic Temple Ass'n. (Albert J. Tweedy head)
Architect—Walter L. Broderick, 1201 Colusa St., Berkeley.

Commissioned To Prepare Plans.
HOTEL & CLUB Cost, $750,000
SAN FRANCISCO, SW Sutter & Mason Streets.
Nine-story class A Women's hotel & club building.
Owner—Women's Building Association.
Architect—Bliss & Faville, Balboa Bldg San Francisco.

Plans Being Prepared.
STORE, LODGE & OFFICE $750,000
OAKLAND, Alameda Co., Cal., N 14th St. bet. Broadway & Franklin St.
Eight or 9-story class A store, lodge and office building.
Owner—Elks Hall Assn.
Architect—Wm. Knowles, Hearst Bldg., S. F. and Bacon Bldg., Oakland.

SEATTLE, Wash.—Seattle Aerie No. 1, Benevolent Order of Eagles, vote to erect a $1,000,000 lodge hall on site recently purchased at Union and Seventh Streets.

UKIAH, Mendocino Co., Cal.—Masonic lodge of this city will finance construction of $60,000 temple to replace structure destroyed by fire.

PLACERVILLE, El Dorado, Co., Cal.—Supervisors purchase site in Main St., near Bedford Ave., on which American Legion will erect new club house; construction to be started in March.

FRESNO, Fresno Co., Cal.—Catholic Daughters of America have appointed building committee to secure preliminary plans and estimates of cost for new lodge hall building. Present quarters are maintained in St. John's Hall, Fresno.

RICHMOND, Contra Costa Co., Cal.—Masonic Hall Association has been organized in Richmond for the purpose of financing construction of a new lodge hall, the site to be chosen within 30 days. Officers and directors of the association are: President, E. M. Downer; vice-president, W. T. Helms; secretary, C. C. Olney; treasurer, Carl Alexander; H. J. Hill, Arbie D. Jones, H. E. Hammond, Charles Renwick and Lud M. Johnson.

LOS ANGELES, Los Angeles Co., Cal.—Engineering Service Co., 1316 Washington Bldg., Los Angeles, have prepared preliminary plans for a 3-sto. reinf. concr. club house, 200x100 ft., with wings 40x60 ft. each, to be erected on Grand Ave. at Elsinore, with one side facing the lake. It will contain 300 rooms and cost approx. $300,000. The club is to be built by the Southern California Athletic and Country Club, an organization promoted by W. I. Jackman, 329 Consolidated Realty Bldg. A pier 500 ft. long, with casino, will extend into the lake. This is estimated to cost in the neighborhood of $100,000. In addition to this clubhouse it is proposed to build an athletic club in Los Angeles to be run in connection with the one at Lake Elsinore. This will cost in the neighborhood of $1,750,000.

FRESNO, Fresno, Co., Cal. — Playground Commission has had plans prepared for a $10,000 recreation clubhouse to be erected in Holmes Playground at Kern and Holmes Sts. Plans provide for library quarters and a dance floor Raymond L. Quigley is playground superintendent.

SPOKANE, Wash.—Architects Rigg & Vantyne, Spokane, completing plans for $350,000 Masonic temple to be erected in Riverside avenue for the Masonic Temple Association of which Judge L. Kennan is president and Clarence Argo is secreeary.

BAKERSFIELD, Kern Co., Cal. — Lloyd Tevis, Bakersfield, has donated to the Stockdale Golf and Country Club a large residence costing $300,000, 5 mi. north of Bakersfield, which his father started, but never completed, as a new home for the club. The bldg. has 10 guest rooms, each with bath, vacuum plant, high press. water sys., 2 furnaces air cooling plant, etc. The club grounds will have an 18-hole golf course, polo field. Warren T. Hanley will be manager.

COLUSA, Colusa Co., Cal.—Masonic Hall Ass'n. votes to construct two-story addition to present structure in Fifth St. Will contain store on ground floor with lodge rooms above. Addition will have 20 ft. frontage.

LOS ANGELES, Los Angeles Co., Cal.—Engineering Service Co., 1316 Washington Bldg., Los Angeles, have prepared preliminary plans for a three-story, reinforced concrete club house, 200x100 ft., with wings 40x60 ft. each, to be erected on Grand Ave., at Elsinor, with one side facing the lake. It will contain 300 rooms and cost approx. $300,000. The club is to be built by the Southern California Athletic and Country Club, an organization promoted by W. I. Jackman, 329 Consolidated Realty Bldg. A pier, 500 ft. long, with casino, will extend into the lake. This is estimated to cost in the neighborhood of $100,000. In addition to this club house, it is proposed to build an athletic club in Los Angeles to be run in connection with the one at Lake Elsinore. This will cost in the neighborhood of $1,750,000.

SAN FRANCISCO—The International Y. M. C. A. will appropriate $650,000 to finance construction of an Army and Navy Y building on the Embarcadero if the citizens of San Francisco will meet that amount with $250,000. A site 137 ft. square has been acquired in the Embarcadero bet. Howard and Mission streets, extending through the block to Steuart street. No plans for the etructure have been prepared as yet.

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INDEPENDENCE, Inyo Co., Cal.—Mt. Whitney Poet, American Legion, has had plans prepared for a new club house to be erected on site recently purchased by county. Supervisors have been asked to call bids for the structure for which direct tax of $12,500 was levied by county.

HOSPITALS

Commissioned to Prepare Plans.
HOSPITAL BLDG. Cost, $——
AUBURN, Placer Co., Cal.
Fireproof County Hospital building.
Owner—County of Placer.
Architect—W. H. Weeks, 369 Pine St., San Francisco.

SANTA CRUZ, Santa Cruz Co., Cal.—County Grand Jury will recommend to supervisors the erection of a medical hospital building at the county farm.

FAIRFIELD, Solano Co., Cal.—Vulcan Iron Works, Francisco and Kearny Sts., San Francisco, at $1700 submits low bid to supervisors to install refrigerating plant in county hospital. Other bids: Automatic Refrigerator Co., $2768; American Ice Machine Co., $1974 Cyclops Iron Works, $1885. Bids referred to Hospital Committee with power to act.

SAN FRANCISCO—Provision will be made in the next budget for an appropriation of $28,000 to equip and maintain a ward at the county hospital for the treatment of drug addicts.

SANTA ROSA, Sonoma Co., Cal.—Dr. S. S. Bogle, county physician, will recommend to supervisors the construction of a new county hospital. It is proposed to finance construction through a bond issue.

LOS ANGELES, Los Angeles Co., Cal.—Archt. John C. Austin, 1125 Baker-Detwiler Bldg., Los Angeles, is preparing new plans for the hospital bldgs. to be erected at Sunset Blvd. and Beaudry Ave. for St. Vincent Hospital Assn. The bldgs. now planned will have a capacity about twice as great as provided for in former plans. The new bldgs. will provide accommodations for 200 beds with arrangements for 100 rooms additional. There will be new administrative depts., kitchens, 5 operating rooms, complete depts. for children and maternity cases, clinic, dormitories and chapel. There will be a separate bldg. to contain laundry and heating plant in the first story with quarters for male and female help in the 2nd story. The main bldg. will be an 8-sto. structure, class A fireproof constr., probably steel frame, brick filler walls reinf. concr. fls., stucco and cast stone exter., tile rfg., 3 passenger and 3 service elevators, steam htg., vacuum cleaning, marble and tile work, etc. The cost will be $1,250,000. An addition will be erected to the present nurses' home bldg. The other bldgs. at present on the site may be remodeled and added to or may be abandoned when the new bldgs. are completed.

HOTELS

Contract Awarded.
REMODELING Cost, $27,842
STOCKTON, San Joaquin Co., Cal. Weber Ave., bet. Hunter and San Joaquin Sts. (Tretheway Bldg.)
Complete remodeling of three-story brick hotel building.
Owner— Henry Cowell Estate, W. H. George, Mgr., 2 Market St., S. F.
Architect — Henry H. Meyers, Kohl Bldg., San Francisco.
Contractor—Robt. Beyrle, Stockton.

SAN FERNANDO, L. A. Co. — Richardson Bldg. & Engr. Co., Story Bldg., L. A., has the contr. to erect a 5-story and basement hotel bldg. at San Fernando for Frank Pesch. It will contain 3 stores in 1st sto. and 100 hotel rooms with about 50 baths in the upper stories; brick constr., press. brick facing, cost $150,000.

Plans Being Prepared.
HOTEL Cost—
BOYES SPRINGS, Sonoma Co., Cal., 240 acre tract of Bigelow Estate.
Class A hotel and Roman baths.
Owner—An incorporation in which the following are interested: Rudy Litchenberg, president; Dudley Sales, attorney; Mr. Spears, of G. G. Perry Co., vice pres., et al.
Architect—Kenneth MacDonald and M. Couchot, 234 Pine St., S. F.

MEDFORD, Ore.—Plans are being made for a four-story reinforced concrete and steel annex for Hotel Holland of which H. C. Smith is manager. Will contain two and three apartments with 26 hotel rooms on upper floors; est. cost, $175,000.

RENO, Nevada — Community Development Association and the Buyers & Manufacturers' Ass'n., backs movement to finance construction of a three story auditorium and hotel to cover 3½ acres at a cost of $450,000. Present plans include tennis courts, swimming pool and auditorium, seating 1,200 to 1,400 people. One hundred and sixty-two hotel rooms will be provided. The project has been submitted to the chamber of commerce for approval and assistance.

SAN DIEGO, San Diego Co., Cal.—Archt. William H. Wheeler, 610 Spreckels Bldg., San Diego, is preparing plans for a modern 4-story theatre bldg., to seat 2000 and cost about $250,000, at s. w. cor. 4th and E Sts., San Diego, for Robert E. Hicks and G. L. Strobeck. There will be stores on the ground floor with offices above, in addition to the theater proper, which will be equipped with a large organ.

LOS ANGELES, Cal.—Archts. Monaco & Bordeaux, Bank of Italy Bldg., have prepared plans for a 4-sto. class C brick bldg. to be erected at 1328 S Hope St. for Pozzo Constr. Co., 421 Macy St. Two stores and lobby in first story and 100 rms. and 100 baths in the upper stories; 50x190 ft., brick walls, press brick and terra cotta facing; cost $150,000.

POWER PLANTS

SAN FRANCISCO—Until Feb. 21, 3 p. m., bids will be rec. by Board of Public Works for furnishing, delivering and erecting structural steel for Moccasin Creek hydro-electric power plant of Hetch Hetchy project. Approx. 880,000 lbs. steel will be required for the structure which is of the following dimensions: 230 ft. long, 75 ft. wide with a maximum height from floor to ridge of 70 ft. Structure is to be located about eixteen miles via the Hetch Hetchy railroad from Hetch Hetchy junction, which point is a station on the Sierra Railway, 26 miles from Oakdale, Calif. Spec. obtainable from office of City Eng. M. M. O'Shaughnessy, 3rd floor, city hall.

WILLITS, Mendocino Co., Cal.—Edw. Morris, chief engineer for the Central Mendocino County Power Co., Willits, has plans completed for a pipe line for transmission main from Dutch Flat to Willits to be 3000 ft. lead off from dam of 16-in. slip joint steel pipe, of 16-in. wood stave wire wound redwood pipe and 17,000 ft. 12-in. conc. pipe with 10 ft. fall to each 1000 ft. Bids on conc. pipe will be opened March 1 and will be for furnishing pipe, ditching, laying and covering to depth of 2 ft. Estimates for conc. pipe line and spec. for standard type will be rec. by the company through its engineer. Est. cost $20,000.

WILLITS, Mendocino Co., Cal.—Bids will be asked about March 1 by the Central Mendocino County Power Co., Willits, Edward Morris, chief engr., to const. transmission line from Snow Mountain Water and Power Co's. plant at Potter Valley to Willits, a distance of 15 mi., from plans of H. S. Tittle, electrical engineer, 766 Folsom St., San Francisco. Pole line to be set up on 35 ft. poles, No. 6 copper wire, carrying 16,000 volts. Transformer station at power house at Willits for 450 K. W., line to be const. over ridge at head of Redwood and Potter Valleys.

WILLITS, Mendocino Co., Cal.—Consulting Eng. C. H. Loveland, 631 Merchants Exchange Bldg., San Francisco, completing plans and bids will be asked about March 1, for approx. 800 cu. yds. of concrete work in connection with const. of a thin arch dam, 62 ft. high, 42.5 ft. long at bottom and 117.5 ft. long at crest for Central Mendocino County Power Co., of which Edward Morris is chief engineer with offices at Willits. Est. cost of dam is $20 per cu. yd. A pipe line extending from the dam to connect with mains serving Willits are to be concreted 17,000 ft. and of steel 3000 ft. Total est. cost, $40,000.

PORTERVILLE, Tulare Co., Cal. — Until Feb. 24, 10 a. m., bids will be rec. by Jay G. Brown, clerk, Porterville Union High School District, for laying underground electric power conduit in high school grounds. Cert. check 5% required. Spec. obtainable from C. O. Premo, secy. high school board, 206 Putnam Ave., Porterville.

PUBLIC BUILDINGS

Figures to be Taken Shortly.
ALTERATIONS Cost, $——
LARKSPUR, Marin Co., Cal.
Alterations to town hall.
Owner—Town of Larkspur.
Architect—S. Helman, 57 Post St., San Francisco.

Plans Being Figured—Bids Close Mar. 20, 1923 10:30 A. M.
AUDITORIUM Cost, $600,000
STOCKTON, San Joaquin Co., Cal. Center, Commercial, Fremont and Oak Streets.
Class A reinforced concrete memorial auditorium with steel dome and roof trusses, white cement and pre-cast sandstone exterior finish.
Owner—City of Stockton.
Architect—City Architectural Commission (Louis S. Stone, Glenn Allen and W. J. Wright), 41 S-Sutter St., Stockton.
See call for bids under official proposal section in this issue.

Commissioned to Prepare Plans.
HALL OF RECORDS BLDG. Cost, $—
AUBURN, Placer Co., Cal.
Fireproof Hall of Records Building.
Owner—County of Placer.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
Construction of a new county hall of records building was recommended by the 1922 Grand Jury. The structure will be financed through a bond issue.

MANTECA, San Joaquin Co., Cal.—City trustees contemplate erection of new city hall, the structure to be erected by a private individual and the city to purchase same on the monthly payment plan. Concrete Construction Co., of Manteca, proposes to erect 1-story reinforced concrete, 54 by 80-ft. building with basement and steam heating plant for $19,800. C. W. Wood Engineering and construction Co. Manteca, proposes to erect one-story reinforced concrete building, 4 by 80 ft. for $17,000. Offers were also submitted by Jas. H. Hoose, Modesto, architect and the Gano Bonding Company. All proposals taken under advisement.

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SAN RAFAEL, Marin Co., Cal.—County Assessor F. E. Sawyer requests supervisors to authorize purchase of steel filing equipment for his office at cost of $2,600. Taken under advisement. Rob. E. Graham, County Clerk.

MARSHFIELD, Ore. — Architects Tourtelotte & Hummel, 311 Failing Bldg., Portland, will ask bids about March 1 to erect two-story and basement reinforced concrete city hall for Marshfield; will be 85 by 85 ft., trimmed with cast stone; est. cost, $50,000.

RED BLUFF, Tehama Co., Cal.—Preliminary plans have been prepared for the Red Bluff Christian Men's League for an auditorium of octagon shape 100 ft. in diameter. Construction will be of reinforced concrete. Harry Polsley is prime mover in the project.

SACRAMENTO, Cal.—The following bids were received on February 13th by Geo. B. McDougall, State Architect, Chief, Division of Architecture, for the erection and completion of Employees Cottage, Women's Shop Building, and Power House and Recreation Building of The Industrial Home for Adult Blind, Oakland. All bids were taken under advisement.
F. W. Maurice, 1362 E-22nd St., Oakland, $45,760; Alternate, $45,850; Time, 120 days.
Alfred H. Vogt, San Francisco..$46,113
(a) $46,293; 110 days.
E. T. Leiter & Son, Oakland....$47,867
(a) $——; 150 days.
M. E. Hopper & Son, Oakland...$47,995
(a) $48,175; 100 days.
Larsen-Siegriet Co., S. F.....$48,007
(a) $48,137; 85 days.
John Bartlett, Oakland.....$48,687
(a) $48,847; 180 days.
Walter Murch, Oakland.....$49,872
(a) $50,122; 150 days.
Trobock & Cress, San Francisco..$50,820
(a) $51,000; 110 days.
Ward & Jones, San Francisco..$53,132
(a) $53,300; 200 days.
Hannah Bros., San Francisco..$54,712
(a) $54,712; 200 days.
Schuler & McDonald, Oakland..$54,975
(a) $55,095; 180 days.
Peters Constr. Co., S. F. $56,000
(a) $56,280; 120 days.

OROVILLE, Butte Co., Cal.—Butte County Supervisors order installation of new tier of 20 cells in county jail at Oroville. C. F. Belding is county clerk.

GRANGEVILLE, Kings Co., Cal.—Roy Hayes, deputy county surveyor, has prepared plans for a branch county library to be erected on school grounds. Will be 36 ft. square of hollow tile construction; est. cost, $2,000, to be financed by school district and county library funds.

NAPA, Napa Co., Cal.—Napa Decorating Co., Napa, at $193 awarded contract by City Trustees to paint City Hall. Other bids were Carl J. Trost, $325; F. L. Tessin, $289, and A. M. Caravajal, $242.80.

INDEPENDENCE, Inyo Co., Cal.—County Clerk instructed to call bids to paint interior and exterior of Inyo county jail, including the tinting of walls. Specifications obtainable from Clerk at Independence.

NAPA, Napa Co., Cal.—Until March 13, 10 a. m., bids will be rec. by Jas. A. Daly, county clerk, for improvements at courthouse including grounds, painting exterior surface of both courthouse and jail. Spec. obtainable from clerk.

FRESNO, Fresno Co., Cal—City council will order plans prepared for remodeling Van Ness avenue fire station at a cost of $20,000. A two-story annex will be erected in the rear of the present structure. R. Y. St. George is city clerk.

SAN FRANCISCO — West Coast Wire and Iron Works, 861 Howard St., at $1,396.89 submits low bid to Playground Commission to erect 6-ft. cyclone fence around portion of Margaret S. Hayward playground at Golden Gate Ave. and Laguna St. Standard Fence Co. bid $1614. Bids taken under advisement until chemical analysis report is submitted on type of fencing. M. Philomene Hagan is secy. of Commission.

SAN MATEO, San Mateo Co., Cal.—Until Feb. 26, bids will be rec. by E. W. Foster, city clerk, to imp. portions of B, Laurel, 6, 7, 8 and 9th Aves., Hilltop rd., Maple Ave., Ebglerd., Woodside Way, Cypress Court, etc., by grading; paving with 1½-in. asph. conc. surface with hyd. conc. base of various thicknesses; art. stone walks; hyd. conc. curbs and catchbasins; 4-in. vit. pipe lateral sewers; br. manholes; 8-in. vit. pipe drains, etc. 1911 Act. and Bond Act 1915. Cert. check 10% payable to city req. G. S. Whitehead, city eng.

SANGER, Fresno Co., Cal.—Until Feb. 20, bids will be rec. by F. Niles, city clerk, to imp. portions of 5th, 6th, P and O Sts., etc., involv. 265,143 sq. ft. grading; 245,993 sq. ft. 3-in., 2-course asph. conc. pavement with 1½-in. Warrenite Bit. surface; 10,150 ft. gutters; 5646 lin. ft. curbs; 894 lin. ft. culverts. 1911 Act and Bond Act 1915. Cert. check 10% req. with each bid. Spec. obtainable from city clerk.

CARSON CITY, Nevada — Plans are being prepared by the Nevada State Highway Dept., Geo. W. Borden, State Highway Engineer, and agreements will be executed with the Federal Government in the near future so that the following work may be advertised and placed under contract before June of this year:

Churchill county—Completion of section bet. Fallon and Grimes Ranch, incl. surfacing of that portion bet. Fallon and pt. five mi. south, and paving through the City of Fallon.

Clark county—Const. of that portion of the Arrowhead Trail bet. Crystal and Mormon Mesa, also to surface such sections as need it bet. Las Vegas and Indian Springs on Route No. 5.

Elko County—Const. of section bet. Deeth and Wells and bet. Vivian and the west Elko county line near Carlin.

Eureka county — Const. of overhead crossing at Shoshone Point over the Southern Pacific tracks.

Humboldt county—Const. of the section of Route No. 8 from Winnemucca to Paradise Hill.

Nye county — Grading portion of highway bet. Stone Cabin and Currant on Route No. 4 with county and state funds, and also widening existing highway bet. Tonopah and the Toyiabe National Forest boundary.

White Pine county — Completion of the section from Keystone to Ely, and paving through the City of Ely.

The department has included in this year's program the following work which will be advertised as early as possible but which it does not expect to be able to have under construction prior to June 30th.

Churchill county—From Eastgate to the east county line at Carroll Summitt.

Clark county—Remaining portion of the Arrowhead Trail bet. the southerly edge of the Mormon Mesa and the Arizona State Line.

Douglas county—Const. of a portion of the Minden Wellington Route bet. Carter's and Holbrook.

Elko county—Section between Halleck and Deeth.

Humboldt county—Portion of Route No. 1 east of Winnemucca contingent upon the proposed county bond issue.

Lander county—Const. from the west county line at Carroll Summit to the Campbell Creek Ranch.

Washoe County—Const. of section from Lawton's to California State line and const. of the section from Sparks to Vista.

White Pine County — Surfacing of that portion of Project 33 bet. Antelope Summit and Illipah. The contract now under way on this project provides for surfacing bet. Pancake and Antelope Summits but it is evident that surfacing will be necessary on practically all of the rest of the project.

All of the above work is in addition to the completion of contracts awarded in 1922 which have not yet been completed and, in fact, some of which will not be started until the spring of this year.

Further enlargement of this program depends upon the amount appropriated by the present legislature for highway purposes.

Preparations are being made to survey the following sections during 1923 and as much as possible of the work will be placed under construction this year.

Eureka county—From Eureka to the east county line.

Humboldt county — Completion of survey from Golconda to the Stone House.

Lincoln county—From Pioche to Caliente, and from Stone House to Pony Springs.

Lyon county—From Yerington to the Mineral county line near Schurz, or as much thereof as can be placed under construction in 1923 and 1924.

Pershing county—From Mill City to the Pershing-Humboldt county line, and from Lovelock to the Pershing-Churchill county line. All of this being contingent on the county's ability to raise funds to provide for early construction.

White Pine County—From Pancake Summit to the White Pine-Eureka county line, and a portion of the section from Connor's Station to the south county line near Geyser.

BERKELEY, Alamede Co., Cal.—City council will hold special meeting Feb. 23 to consider plans to widen Telegraph Ave., bet. Allston and Dwight Way and Bancroft Way from Dana St. to pt. 277 ft. east of Telegraph Ave., either by "arcading" buildings or with a 10-ft. set back. C. L. Huggins, city eng.

OAKLAND, Cal.—M. Bau, Oakland, at $.23 sq. ft. awarded cont. by council to const. cem. walks in portions of Grove Street.

SANTA CRUZ, Santa Cruz Co., Cal.—City Eng. James K. James preparing spec. to pave South Branciforte Ave.

SANTA CRUZ, Santa Cruz Co., Cal.—J. L. Conners, Nipomo, Calif., at $12,496.50 awarded cont. by council to imp. portion of Woodrow Ave., by grading, paving with 5-in. conc.; const. storm water culverts of corru. metal pipe; vit. clay pipe and comb. catchbasins and manholes.

SAN FRANCISCO—City Eng. M. M. O'Shaughnessy completes spec. to imp ave. bet. 19th and 20th Sts., involving 750 lin. ft. conc. curbs; 10,000 sq. ft. conc. and 10,000 sq. ft. asph. conc. pavement. Est. cost $6750.

SAN MATEO, San Mateo Co., Cal.—Until Feb. 26, bids will be rec. by E. W. Foster, city clerk, to imp. portions of Poplar Ave., Edgewood and Hillcrest Rds., by grading, paving with 1½-in. asph. conc. surface on 4-in. hyd. base; 4-in. vit. pipe lateral sewers; also a portion of Hillcrest rd., by removing old and const. new hyd. conc. curbs; 6-in. vit. sewer; 1 br. manhole. Work under 1911 Act and Bond Act 1915. Cert. check 10% payable to city req. G. S. Whitehead, city eng.

HANFORD, Kings Co., Cal.—Adell-Cortright Co., Hanford at $.10¼ sq. ft. awarded cont. by trustees of Hanford Union High School District to const. concrete walks on school grounds.

SAN FRANCISCO—Jas. L. McElroy, 180 Jessie St., at $56,614.98 submits low bid to Bd. of Pub. Wks to const. connecting blvd. bet. Lincoln Park and Sutro Heights. Next two low bidders were: Jas. M. Smith, $56,838; Louis J. Cohn, $57,645. Project involves 55,965 cu. yds. 1:3:6 conc. retaining walls, culvert walls and gutters; 3110 cu. yds. crushed rock or gravel surface; 150 lin. ft. 18-in. Armeo iron culvert encased in conc.; 230 lin. ft. 15-in. iron stone pipe; 2250 lin. ft. wood guard fence.

Fay Imp. Co., Phelan Bldg., at $63,174 low bidder to imp. Vicente St., bet. Forestside and 19th Aves., involv. 19,592 cu. yds. cut; 8225 cu. yds. fill; 500 lin. ft. 8-in., 680 lin. ft. 12-in., 410 lin. ft. 15-in., and 275 lin. ft. 18-in. ironstone pipe sewer; 19 8-in., 35 15-in., and 10 18-in. wye branches; 7 brick manholes; 610 ft. 10-in. culvert; 17 brick catchbasins; 3240 lin. ft. conc. curb; 93,155 sq. ft. asph. conc. pavement and 3100 sq. ft. art. stone walks. Jas. M. Smith only other bidder at $63,984.

M. J. Treacy, Call Bldg., at $8145 low bidder to imp. Bonview Ave., from Eugenia St., northwesterly, involv. 1192 cu. yds. cut; 185 cu. yds. fill; 11,700 sq. ft. conc. pavement; 1908 sq. ft. asph. conc. pavement; 1003 lin. ft. conc. curb; 3 catchbasins; 45 lin. ft. 10-in. sewer; 20 lin. ft. 8-in. ironstone pipe sewer; 380 sq. ft. art. stone walks.

FRESNO, Fresno Co., Cal. — Until March 1, 3:30 p. m., bids will be rec. by R. Y. St. George, city clerk, to const. 24, 22, 20 and 18-in. cem. conc. sewers in portions of H and Stanislaus Sts., and 12, 10 and 8-in. vit. clay pipe sewers in Blocks 66, 335 and 345; 11 conc. manholes; 4-in. wyes in alleys of Blocks 66, 335 and 345. 1911 Act. Cert. check 10% payable to city required. Wm Stranahan, city eng.

OAKLAND, Cal.—County Surv. Geo. A. Posey preparing spec. to pave road connecting with the state highway at Dublin with the paved San Ramon in Contra Costa county, approx. 1½-mi. long.

SAN JOSE, Santa Clara Co., Cal.—City council, J. J. Lynch, clerk, declares intention to imp. following streets:

7th St., bet. Martha and Reed Sts., by grading; paving with 3-in. bit. conc. base with 1½-in. Warrenite-Bit. surface; conc. curbs and gutters; 4 br. catchbasins with c. i. tops; 8-in. vit. pipe drains.

7th St., bet. Martha and Keyes by grading, paving with 3-in. bit. conc. with 1½-in. Warrenite-Bit. surface; conc. curbs, gutters and walks; 4 br. catchbasins with c. i. tops; 8-in. vit pipe drain.

Sixth St., bet. Margaret and Keyes by grading; paving with 3-in. bit. conc. base with 1½-in. Warrenite-Bit. surface; conc. curbs, gutters and walks; 2 br. catchbasins with c. i. tops; 8-in. vit. pipe drain.

Work under 1911 Act and Bond Act 1915. Protests Feb. 26. Wm. Popp, city engr.

YUMA, Ariz.—Breedlove Bros., Yuma, Ariz., awarded cont. of Yuma county highway comm., at $34,040 for const. Black Cat Pass road E-7 (Highway Imp. Fund of the north county highways), on Vicksburg-Salome route. Other bids were: J. H. Maxey, Yuma $38,770; Wolfe & Allen, Phoenix, $47,850; Sanquinetti & McBeth, Yuma, $52,800; R. Toohey, Phoenix, $59,800; S. Y. Faucett & Co., Prescott, $60,155. Project involves: 40,000 cu. yds. excav.; 100 cu. yds. wall; 100 cu. yds. rubble conc.; 200 ft. 12-in. c. m. p.; 200 ft. 18-in. c. m. p.; 200 ft. 24-in. c. m. p.; 200 ft. 30-in. and 36-in. c. m. p.; 100 cu. yds. conc.

FRESNO, Fresno Co., Cal. — City Council, R. Y. St. George, city clerk, declares intention to imp. following sts., under 1911 Act, protests to be heard March 1:

Woodward Ave., bet. S Broadway and Anna St., grading; conc. curbs, gutters and walks; paving 48 ft. wide with 4-in. asph. conc. base with 1½-in. asph. conc. top course an liquid asph. and rock screening surface coat; alley approaches to be paved with 6-in. conc.

Home Ave., bet. Lucerne and Van Ness, grading; const. conc. curbs, gutters and walks; corru. metal culverts with culv. manholes; paving with 3½-in. asph. conc. base with 1½-in. Warrenite-Bit. surface; 4-in. vit. clay pipe sewer connections.

Wm. Stranahan, city eng.

LOS ANGELES, Cal.—Until 10 a. m., Feb. 26, bids will be rec. by board of public works to imp. under Vrooman Act, following streets:

Alta St., bet. Park Heights Terr. and Mission Rd., involv 6775 sq. ft. grading and oiling; 521 ft. curb; 2804 sq. ft. walk; 1042 sq. ft. gutter.

Alexandria Ave., bet. Beverly Blvd. and 1st St. involv. 50,798 sq ft conc paving; 12,027 sq. ft. 5-in. cem. conc. paving; 13,070 sq. ft. 6-in. conc. paving; 18,836 sq. ft. Warrenite-Bit. paving; 2302 ft. curb; 10,030 sq. ft. walk; 3291 sq. ft. gutter; storm drain; culvert; 841.5 ft. house sewers.

Raliegh St., bet. 299 ft. west of Wilton Pl. and Van Ness Ave., involv. 17,962 sq. ft. 5-in. conc. paving; 8375 sq. ft. Warrenite-Bit. paving; 1095 ft. curb; 598 sq. ft. gutter; 5732 sq. ft. walk; 330 ft. house sewers; storm drain.

Alexandria Ave., bet. Third and Wilshire Blvd., involv. 117,459 sq. ft. Warrenite-Bit. paving; 274 ft. curb; 1166 sq. ft. walk; 5091 sq. gt. gutter; 111 ft. house sewers.

Wilcox Ave., bet. Santa Monica Blvd. and Willoughby Ave., involv. 53,606 sq. ft. 5-in. conc. paving; 2442 ft. curb; 3142 sq. ft. walk.

SANTA BARBARA, Cal.—Until Feb. 23, 5 p. m., bids will be rec. by S. B. Taggart, city clerk, to imp. portions of Valerio St., by grading, paving with 6-in. conc.; comb. conc. curbs and gutters; conc. driveways; 6-in. vit. pipe main sanitary sewers with 4-in. vit. side connections; manholes, etc. 1911 Act. Cert. check 10% payable to city required. Geo. B. Morrison, city eng.

NAPA, Napa Co., Cal.—City Council H. H. Thompson, clerk, declares intention to imp. 3rd St., bet. School and Jefferson Sts., grading, paving with 4-in. conc. 40-ft. wide; 6-in. vit. pipe sewer; flushing hole; 4 4-in. vit. side sewers; conc. catchbasins. 1911 Act. Protests March 5. H. A. Harrold, city engineer.

LOS ANGELES, Cal.—Tryon & Brain, 201-2 Tajo Bldg., submitted lowest bid to board of public works at $175,697 to pave Larchmont Blvd., bet. Melrose Ave. and Beverly Blvd. George H. Oswald second low bid at $176,428.25 and Wm. Liddington, third at $178,524.65.

SANTA ANA, Cal.—Until 7:30 p. m., Feb. 19, bids will be rec. by city council to imp. Bush St. and portions of other streets, involv. 173,304 sq. ft. grading and paving with asph. conc.; const. 2025 ft. curb; 488 ft. 6-in. house sewers and 904 ft. 4-in. hse. sewers, including trenching, etc.; flushtank, lamphole, and one reinf. conc. culvert; 1915 Bond Imp. Act.

Separate bids, same date, to imp. portion of Bush St., bet. East Washington Ave. and East 17th St., involv. 63,737 sq. ft. grading and paving with 6-in. conc. and belt finish wearing surface; const. 105 ft. 4-in. hse. connections; 1915 Bond Imp. Act. W. G. Knox, city engr.

BRAWLEY, Cal.—W. F. Beal awarded contr. by Brawley union high school trustees at $11,027 to pave strip of road fronting high school with concr. pavement at 32.48c sq. ft. and const. curb at 70c ft.

HOLLISTER, San Benito Co., Cal.—Consulting Engineer Clyde F. Smith, 7 Nottingham St., Berkeley, has submitted two plans to State Board of Health for proposed sewage disposal plant for Hollister. Prop. 1 includes a septic tank, sludge beds, pumps, pump and fine screened house, fine screens, 800 ft. of c. i. pipe for creek crossing, 4300 ft. conc. pipe, grading sand beds and installing flumes; total cost $52,908.

Prop. 2 includes the above items plus a trickling filter; total cost $66,972.

LOS ANGELES, Cal.—Geo. Snyder, 402 Bradbury Bldg., submitted low bid to supervisors at $18,350 to imp. Belvedere, Budlong and other avenues and streets, 2412 ft. or .46 mi., involv. 4560 cu. yds. excav., 72,360 sq. ft. shaping roadway, 8040 yds. screenings, 4992 ft. curb, 20-172 sq. ft. walk, 4.16 yds. conc. in catch basins, 57 ft. 15-in. conc. pipe. Other bids were: Croatian-American Invest. Co., $18,450; Woodworth, $19,279; Geo. J. Bock, $19,486.

Geo. Snyder, 402 Bradbury Bldg., submitted low bid at $14,250 to grade and oil 2.15 mi. highways and streets, incl. Normandie and Russell Aves. and Juliet St., and portions of other streets, 11,-259 lin. ft. involv. 7711 cu. yds. excav., 44,290 sq. yds. placing and rolling screenings, 44,290 sq. yds. shaping and rolling roadway. Est. contr. price, $14,-870. Other bids were: Geo. J. Bock, $14,-868; Croatian-American Inv. Co., $15,-850; J. Paul Benson, $15,900.

SANTA BARBARA, Cal.—City Council favors $400,000 bond issue for extensions to water mains.

TUCSON, Ariz. — City Engr. G. H. Atchley, estimates the water supply of Tucson can be doubled by the drilling of additional wells, installation of additional booster pumps, in the supply territory now available. The total amount of water pumped last year was 1,607,047,330 gals. He suggests meters be installed in every part of the city.

BURLINGAME, San Mateo Co., Cal.—Pacific States Const. Co., Call Bldg., San Francisco, at $5494.50 awarded contract by city trustees to const. curbs and walks in city park and to pave tennis courts at $2931.20.

SANTA BARBARA, Cal.—Until 5 p. m., Feb. 23, bids will be rec. by council to imp. following streets:

Valerio St., bet. Garden and Santa Barbara Sts., involv. grading and paving with 6-in. cem. conc.; const. comb. conc. curb and 3-ft. gutter; 3-ft. cem. gutters; 6-in. vit. pipe main san. sewers; 4-in. vit. hse. sewers; manholes; planting of trees of various varieties.

Arrellaga St., bet. Bath and Castillo Sts., by grading and paving with 1½-in. asph. conc. surface on 4-in. conc. base; const. comb. conc. curb and 3-ft. gutter; conc. and stone curbs; conc. driveways; two 8-in. conc. drain pipes, and 4-in. vit. hse. sewers and manhole. 1911 Act. Geo. D. Morrison, city engr.

WHITTIER, Cal.—Until 7:30 p. m., Feb. 26, bids will be rec. by city trustees to imp. Camilla St., bet. Citrus and Commercial Aves. and portions of other streets, by grading and paving with 6-in. cem. conc.; constr. conc. curb and walk; 1911 Act. Paul E. Todd, city engr.

SANTA BARBARA, Cal.—City Mgr. instructed to advertise for bids to pave Carrillo St., bet. Santa Barbara and Canal Sts. Geo. D. Morrison, City Eng.

LONG BEACH, Cal.—Until 9:30 a. m., Feb. 27, bids will be rec. by city council to imp. under 1911 Act, following sts:

Mars Court, bet. 11th and Anaheim Sts., grading and paving with 4-in. cem. concrete.

Electric Ct., bet. Loma Vista Dr. and Anaheim St., grading and paving with 4-in. cem. conc.

LOS ANGELES, Cal.—R. A. Wattson, 4907 Melrose Ave., submitted only bid to board of public works to imp. 16th St., bet. West Blvd. and 70.82 ft. s.e., involv. 1833 sq. ft. grading at 14c ft.; 1833 sq. ft. oiling and rolling at 12c ft.; 282 sq. ft. conc. gutter at 45c ft.

Wm. Liddington, 420 E 60th St. low bidder to imp. first alley w. of Western Ave., bet. Marathon St. and Melrose Ave. involv. grading at $200 (lump sum); 6638 sq. ft. conc. paving at 22c ft.

LOS ANGELES, Cal.—Geo. H. Oswald, 366 E 58th St., submitted low bid to supervisors at $74,898 to imp. Anaheim Telegraph road in road dist. Nos. 1 and 4, from east end of the San Gabriel river bridge east 14,211 ft. of 2.7 mi., involving 3535 cu. yds. excav. and borrow at 50c yd., 5070 sq. yds. shaping roadway at 10c yd.; 15,626 sq. yds. shaping shoulders at 10c yd.; 3927 tons 2-in. asph. conc. wearing surface at $6.40 ton; 5389 tons 3-in. asph. conc. base at $6.20 ton; 1210 cu. yds. 6-in. disin. granite sub-base at $3 yd.; 288 ft. 12-in. corru. iron pipe culverts at $2.15 ft.; 80 ft. 18-in. corru. iron pipe culvert at $2.85 ft.; 33 ft. conc. pipe culvert at $3.45 ft.; 10 cu. yds. conc. headwalls at $25 yd.; 35,156 sq. yds. flush coat at 10c yd. Other bids were: Griffith Co., $76,768.26; Geo. R. Curtis, $80,011.42; W. E. Hall, Riverside, $85,237.24.

CALIFORNIA—Warren Construction Co., at $89,659.88, submitted low bid to U. S. Bureau of Pub. Rds., 881 Mills Bldg., San Francisco, to const. Butler section of Salmon River road, in Klamath Natl. Forest, Siskiyou county, 4.1 mi. in length, involv. 103,581 cu. yds. excavation; 40 cu. yds. Class A conc.; 1089 lin. ft. corru. metal pipe; 50 lin. ft. log trestle bridge; 75 sq. ft. log cribbing; 420 lin. ft. right of way fencing; 44 cu. yds. hand placed embankment; 275 cu. yds. boulder conc. and 320 cu. yds. cement rubble masonry. Work of clearing right of way has been completed. Other bids follow: Warren Construction Co., Oakland, $89,658.88; W. B. Arndt, San Francisco, $92,806.07; Chas. H. Warren, Oakland, $98,131.76; Humboldt Constr. Co., Oakland, $93,-303.76; Strahan-Bishop & Brooks, Sacramento, $93,919.05; B. B. Boyd, San Diego, $96,676.93; K. L. Coulter Co., Ilwaco, Wash., $101,138.82; A. D. Kern, Portland, Ore., $103,441.93; M. J. Lyons, San Francisco, $104,062.68; Joplin & Eldon, Portland, Ore., $105,591.09; A. J. & J. L. Fairbanks, S. F., $105,744.29; E. A. Webster & Co., Spokane, Wash., $106,466.03; Padgett & Kelly, Eureka, $109,818.38; J. T. Logan, Grant Pass, Ore., $111,004.97; Langford & Kent, San Rafael, $111,542.81; John Hanshire, Grant Pass, Ore., $111,658.64; F. L. Smith, Eureka, $112,429.98; J. Welsh, San Francisco, $113,485.34; C. R. Hill, Ilteo, Nev., $115,918.80; Palmer & McBryde, S. F., $117,665.94; engineer's estimate, $100,464.70.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Further information regarding these opportunities may be had from Domestic and Foreign Trade Bureau, Chamber of Commerce, Merchants Exchange Bldg., by referring to index number:

D-444 — Greenfield, Indiana. Party who has new formula for making paint desires to get in touch with concern or private individual with capital to invest to manufacture and distribute paint in this territory.

D-445—Newark, N. J. Company desires to appoint Pacific Coast distributor to handle their cleaning compounds or polishes.

D-447 — Minneapolis, Minn. Brush company is desirous of introducing new brush and brush-broom inventions in this market. Descriptive circular.

D-448—New York City, N. Y. Established concern desires to act as New York representative for San Francisco house.

D-449—Cincinnati, O. Manufacturer of furniture display fixtures and store equipment has stock of material warehoused in San Francisco and would like to make proposition to live selling organization to handle their account.

D-450—Dallas, Tex. Party has invented a machine for tying wire on concrete forms—desires to sell the rights for the state of California.

6729—Mexico, Mo. Manufacturers of high grade fire clay bricks are interested in getting in touch with exporters who have reliable connections in the Orient.

6730—Osaka, Japan. Japanese firms are in the market for creosote to be used on wood as protecting oil.

6733 — Palo Alto, Calif. Gentleman with four years' experience in Mexico, seek position with San Francisco firm which will be capable of developing into position abroad. Excellent knowledge of Spanish; also reads and writes French.

6735 — Shanghai, China. British firm with office in London desires to make connections with a reliable San Francisco exporter. They are especially interested in wire nails, tin plates, galvanized sheets, steel plates, as well as various sundry goods, including muslin back oil cloth, elastic garter web, etc.

6736—San Francisco, Calif. Gentleman educated at Columbia University, who speaks Spanish fluently, desires position with firm developing Latin American market.

6741—Bremen, Germany. Exporter of Manila gum and damar, as well as machines for paint factory, wishes to sell these commodities here.

6751 — Torreon, Mexico. Official Industrial Agent of the State of Coahuila wishes to be placed in touch with reliable contracting firms interested in paving the streets of Torreon with asphaltum.

CD-2—San Jose, Cal. Idaho gentleman now in California, lumberman by profession. Will invest $15,000. He states there are five other men with families coming to California shortly from his vicinity and they will average $10,000 each. Wants proposition submitted to them. ($50,000.)

CD-5—Detroit, Mich. Man 38 yrs old graduate engineer, highest business and financial reference, says will consider investing up to $5,000.

CD-6—Habana Cuba. Man experienced in importing business desires to have submitted propositions in this line. Investment, $15,000.

CD-7—New York, N. Y. Business executive with splendid references desires connection with going business. An investment of a few thousand dollars will be made.

CD-8—Oakland, Calif. Party desires to offer his services in going concern capable of expansion. Investment, $25,-000.

CD-9 — Idaho Springs, Colo. Party with engineering experience desires to enter the business field of San Francisco. Investment, $10,000.

CD-12—Leeds, England. Man now engaged in steel, brass and rubber stamp manufacturing desires opportunities submitted in California. Investment $5000.

CD-13—Evanston, Ill. Party formerly traveling salesman desires connection with California establishment. Investment $8000.

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

$1,000 and Over Reported

The following is an index for the contracts for this issue.

No.	Owner	Contractor	Amt.
451	Dawe	Owner	1000
452	Weingarten	McDonald	10000
453	John	Owner	4000
454	Siess	Owner	3900
455	Reith	Mohler	4000
456	Banner	Irwin	8000
457	Feeney	Owner	12000
458	Scott	Owner	14000
459	Abraham	Owner	2500
460	Delmonico	McDermott	7500
461	Los Angeles	Vukicevich	61211
462	Los Angeles	Heidt	1047
463	Los Angeles	Fraser	1575
464	Los Angeles	Scott	2230
465	Los Angeles	Lawson	3785
466	Los Angeles	U. S. Metal	1360
467	Los Angeles	Malott	86
468	Los Angeles	Jas. Cantley	865
469	Los Angeles	Carroll	4200
470	Los Angeles	Reed	970
471	Randmann	Hansen	9005
472	Pacific	Martinelli	13000
473	Pacific	Anderson	10395
474	Leone	Strand	16000
475	Fassie	Mission	20000
476	McDuffie	Allen	8000
477	Chase	Prout	6000
478	Lerer	Toel	5160
479	Federal	Cyclops	8926
480	Same	S F Comp Air	3406
481	Same	Denivelle	65000
482	Miller	Owner	1000
483	Home	Owner	2000
484	Shiro	Spelt	4950
485	Rivertria	Cuneo	3000
486	Johns	Owner	3800
487	Heyman	Owner	3800
488	Backman	Owner	3000
489	Peerless	Kulchar	2500
490	Grand View	Novelty	1950
491	Selleck	Tomnitz	1000
492	Pereira	Owner	4000
493	Hanlon	Stevenson	5400
494	Reese	Stevenson	5400
495	Caranzi	Owner	7000
496	P ters	Owner	4000
497	Smith	Owner	4500
498	Parkside	Owner	4000
499	Ellingson	Ellingson	4750
500	Harmuth	Stiefel	5675
501	Da Martini	Fracchia	3000
502	Jacobus	Becker	5290
503	Correa	Saari	3700
504	Corbelli	Fracchia	3000
505	Martinsen	Christensen	5000
506	Behm	Meinberger	10000
507	Lange	Fratessa	4000
508	Chin	Korell	1000
509	Haslett	Hinson	2500
510	Laubscher	Irvine	11975
511	Same	Scott	1330
512	Same	Wehrli	640
513	Scott	Irvine	17150
514	Becker	Meyer	4500
515	Klute	Meyer	4500
516	Millane	Holt	15000
517	Erkilson	Owner	9000
518	Korn	Hangerud	2000
519	Peterson	Southard	3000
520	Korn	Haugerud	2000
521	Bourdieu	Owner	3000
522	Olmo	Bourdieu	7930
523	Stanford	Downey	2500
524	Hayward	Magnuson	9586
525	Levin	Central	18230
526	Same	Pasqualetti	71300
527	Klippel	Gilley	4179
528	Rothschild	Eldrup	6100
529	Talbot	Tittle	3881

DWELLING

(451) W BEVERLY 125 S Garfield. 1-story and basement frame dwelling.
Owner—J. Dawe, 260 Beverly St., S. F.
Architect—None. $1000

OFFICE & WAREHOUSE

(452) S GROVE 105 E Van Ness Ave. 1-story and basement concrete offices and warehouse.
Owner—Mrs. A. Weingarten.
Architect—S. Heiman, 57 Post St. S. F.
Contractor—Macdonald and Kahn, 130 Montgomery St., S. F. $10,000

POOL ROOM

(453) N HOWARD 160 E 4th. 1-story concrete pool room.
Owner—Manfred Johnson, 1920 Pine St., San Francisco.
Architect—Morrow and Garren, Chronicle Bldg., S. F. $4000

DWELLING

(454) E. JULES AVE. 100 N Holloway 1-story and basement frame dwlg.
Owner—Mr. Seiss, care architect.
Architect—E. A. Neumarkel, 544 Market St., S. F. $3900

DWELLINGS

(455) W TWENTY-NINTH AVE. 25 & 50 S Balboa. Two 1-story and basement frame dwellings.
Owner—Reith, 4121 18th St., S. F.
Architect—None.
Contractor—T. E. Mohler, 458 23rd Ave. San Francisco. $4000 each

STORAGE BLDG.

(456) THIRD AND ISLAIS CREEK. 1-story concrete storage bldg.
Owner—Banner Refining Co., prem.
Architect—None.
Contractor—J. J. Irwin, 801 Cabrillo St. San Francisco. $8000

APARTMENTS

(457) N TWENTIETH 100 W Church. Three-story and basement frame (5) apartments.
Owner—Thomas J. Feeney, 4683 18th St. San Francisco.
Architect—R. Irvine, New Call Bldg. San Francisco. $12,000

FACTORY

(458) NE HOWARD & THIRTEENTH Sts. 1-story concrete paper box factory.
Owner—James E. Scott, 526 Funston Ave., S. F.
Architect—Dodge A. Riedy, 850 Pacific Bldg., S. F. $14,000

RESIDENCE

(459) E PALM AVE. 50 S California (No. 9 Palm Ave.) Add 2 bed rooms bath and sun porch to residence.
Owner—M. Abraham, 1105 Market St., San Francisco.
Architect — Righetti & Hirschfeld, 12 Geary St., S. F. $2500

FLATS

(460) E SEVENTH AVE 50 N HUGO. Two-story and basement frame (4) flats.
Owner—H. J. Delmonico & Co., 2071 Golden Gate Ave., S. F.
Architect—F. C. Monk, Jr., 58 Francis St., San Francisco.
Contractor—M. J. McDermott, 2073 Golden Gate Ave., S. F. $7500

FACTORY

(461) N BRANNAN & SECOND NW 160xNE 100. Concrete work, etc., for two-story and basement reinforced concrete factory.
Owner—Los Angeles Soap Co.
Architect—W. H. Crim Jr., 425 Kearny St., San Francisco.
Contractor—Vukicevich & Bagge, 180 Jessie St., San Francisco.
Filed Feb. 9, '23. Dated Jan. 27, '23.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $61,211
Bond, $30,606. Sureties, J. H. McCallum and H. W. Gaetjen. Limit, 100 days. Forfeit, $10. Plans and specifications filed.

(462) SHEET METAL WORK ON above.
Contractor—Wesley Heidt (as Heidt Cornice Works), 152 1st St., S. F.
Filed Feb. 9, '23. Dated Jan. 31, '23.
Payments same as above.....
TOTAL COST, $1047
Bond, $524. Surety, Globe Indemnity Co. Limit, 10 days after ready. Forfeit, $40. Plans and specifications filed.

(463) PAINTING ON ABOVE.
Contractor—J. P. Fraser, 902 O'Farrell St., San Francisco.
Filed Feb. 9, '23. Dated Jan. 31, '23.
Payments same as above.....
TOTAL COST, $1575
Bond, $787.50. Surety, Royal Indemnity Co. Limit, 10 days after mill work done. Forfeit, $40. Plans and specifications filed.

(464) HEATING SYSTEM ON ABOVE.
Contractor—Scott Co., 243 Minna St., San Francisco.
Filed Feb. 9, '23. Dated Jan. 31, '23.
Payments same as above.....
TOTAL COST, $2230
Bond, $1115. Sureties, Wm. P. Scott and H. M. Van Pelt. Limit, as fast as possible. Forfeit, $40. Plans and specifications filed.

(465) PLUMBING WORK ON ABOVE
Contractor—Lawson & Drucker, 450 Hayes St., San Francisco.
Filed Feb. 9, '23. Dated Jan. 31, '23.
Roughed in $1419.25
Completed and accepted..... 1419.25
Usual 35 days..... 946.50
TOTAL COST, $3785.00
Bond, $1893. Sureties, Aug. E. Drucker and R. J. O'Brien. Limit, 10 days. Forfeit, $40. Plans and specifications filed.

(466) METAL SASH ON ABOVE.
Contractor—U. S. Metal Producta Co., 330 10th St., San Francisco.
Filed Feb. 9, '23. Dated Jan. 31, '23.
Completed and accepted.....$1020
Usual 35 days..... 340
TOTAL COST, $1360
Bond, $680. Sureties, Samuel Schell & O. B. Dreusike. Limit 5 days after notification. Forfeit, $40. Plans and specifications filed.

(467) MASTIC FLOORING ON ABOVE
Contractor—Malott & Peterson, 2412 Harrison St., San Francisco.
Filed Feb. 9, '23. Dated Jan. 31, '23.
Completed and accepted.....$86
TOTAL COST, $86
Bond, none. Limit, 6 days after notified. Forfeit, $40. Plans and specifications filed.

(468) ROOFING AND ASPHALTING, etc., on above.
Contractor—James Cantley Roofing Co., 180 Jessie St., San Francisco.

Filed Feb. 9, '23. Dated Jan. 31, '23.
Completed and accepted.....$648.75
Usual 35 days..... 216.25
TOTAL COST, $865.00
Bond, none. Limit, 4 days after notified. Forfeit, $40.. Plans and specifications filed.

(469) LATH, PLASTER AND CEmenting on above.
Contractor—Thos. Carroll, 180 Jessie St., San Francisco.
Filed Feb. 9, '23. Dated Jan. 31, '23.
Brown coated $1575
Completed and accepted..... 1575
Usual 35 days..... 1050
TOTAL COST, $4200
Bond, $2100. Sureties, Jas. A. Whiate and J. G. Geibert. Limit, as fast as possible. Forfeit, $40. Plans and specifications filed.

(470) BRICK WORK ON ABOVE.
Contractor—Reed & Reed, 180 Jessie St., San Francisco.
Filed Feb. 9, '23. Dated Jan. 31, '23.
Completed and accepted.....$727.75
Usual 35 days..... 242.25
TOTAL COST, $970.00
Bond, none. Limit, 5 days after notified. Forfeit, $10. Plans and specifications filed.

FLAT BLDG.
(471) NE VAN NESS AVE & CHESTnut. All work except window shades, lighting fixtures, water heaters, mantels, wall paper and wall beds for two-story frame flat building.
Owner—Chas. J. Bandmann.
Architect—Erle J. Osborne, Balboa Bldg., San Francisco.
Contractor—H. J. Hansen, 302 Kearny St., San Francisco.
Filed Feb. 9, '23. Dated Feb. 7, '23.
Frame up and roof finished....$2250
Rough plaster on..... .2250
Completed and accepted..... 2250
Usual 35 days..... ——
TOTAL COST, $9005
Bond, $4500. Sureties, E. Ellingson & Walter E. Hansen. Limit, 90 days. Forfeit, none. Plans and specifications filed.

ADDITION
(472) E OTIS AND NW MISSION N 311-8¾ SE 92 SW 285-8¾. Reinforcing steel, concrete forms, sheepers and cement plastering for 2 additional stories to present building.
Owner—The Pacific Embroidery Co. 110 Sutter St., San Francisco.
Architect—Albert W. Burgren, 110 Sutter St., San Francisco.
Contractor—J. Martinelli, 180 Jessie St., San Francisco.
Filed Feb. 9, '23. Dated Feb. 5, '23.
4th story concrete floors and 3rd story walls poured $3000
4th story walls and roof poured 3000
Completed and accepted..... 3750
Usual 35 days..... 3250
TOTAL COST, $13,000
Bond, $6500. Sureties, S. A. Firpo and G. Finocchio. Limit, 45 days after steel frame up. Forfeit, $25; bonus, $25. Plans and specifications filed.

(473) BRICK WORK, TILING AND terra cotta flue for chimney on above.
Contractor—N. Andersen, 180 Jessie St., San Francisco.
Filed Feb. 9, '23. Dated Feb. 5, '23.
3rd story walls up to 4th floor beams $3500
Completed and accepted..... 4295
Usual 35 days..... 2600
TOTAL COST, $10,895
Bond, none. Limit, 20 days after concrete work done. Forfeit, $25. Bonus, $25. Plans and specifications filed.

APARTMENTS
(474) SW GEARY AND TWENTYsixth Ave. Two-story and basement frame (4) apartments.
Owner—John B. Leone.
Architect—None.
Contractor — Strand & Strand, 614 Broderick St., S. F. $15,000

APARTMENTS
(475) E JULIAN AVE 155 N Sixteenth Three-story and basement frame (12) apartments.
Owner—Lucia Fassio, % Mission Concrete Co., 517 Call Bldg., S. F.
Architect—H. C. Baumann & Edw. Jose 251 Kearny St., San Francisco.
Contractor—Mission Concrete Co., Call Bldg., S. F. $20,000

RESIDENCE
(476) W SAN LEANDRO 200 N Monterey Blvd. Two-story and basement frame residence.
Owner—Jean Howard McDuffie, % Architect.
Architect — Earle B. Bertz, 168 Sutter St., San Francisco.
Contractor—Allen & Co., 168 Sutter St., San Francisco. $8000

FRAME BLDG.
(477) LOT 7 BLK 2986 Claremont Court. All work for two-story and basement frame building.
Owner—John and Grace Chase, 249 Claremont Blvd., San Francisco.
Architect—None.
Contractor — J. Prout, 515 Magellan Ave., San Francisco.
Filed Feb. 10, '23. Dated Sept. —, '22.
Roof rafters on.....$1500
1st coat plaster on..... 1500
Completed and accepted..... 1500
Usual 35 days..... 1500
TOTAL COST, $5000
Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

BUILDING
(478) ON E ELEVENTH ST. bet. Folsom and Harrison 75 feet N of Harrison. All work for one-story and mezzanine floor reinforced concrete building.
Owner—Lerer Brothers.
Architect — S. Misrack, 181 27th St., San Francisco.
Contractor—Lewes Toel.
Filed Feb. 10, '23. Dated Jan. 13, '23.
Payments of 75% as follows:
Steel and floor joists up to mezzanine floor .....
Forms & steel up to roof trusses
Concrete poured for 2nd story & trusses set .....
Usual 35 days.....
TOTAL COST, $5120
Bond, $2000. Surety, Union Indemnity Co., Limit, April 18, 1923. Forfeit, $10 Bonue 010. Plans and specifications, none.

BANK BLDG.
(479)..NW BATTERY AND SACRAmento W 275xN 119-5. Refrigerating equipment for seven-story Class A bank building.
Owner—Federal Reserve Bank.
Architect—Geo. W. Kelham, Sharon Bldg., San Francisco.
Contractor—Cyclops Iron Works, 837 Folsom St., San Francisco.
Filed Feb. 9, '23. Dated Jan. 31, '23.
On 10th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $8926
Bond, $4463. Surety, Indemnity Ins. Co. of North America. Limit, June 1, 1923. Forfeit, none. Plans and specifications filed.

(480) VACUUM CLEANING MAchines, etc., on above.
Contractor—San Francisco Compressed Air Cleaning Co., 535 Sutter St., San Francisco.
Filed Feb. 9, '23. Dated Jan. 2, '23.
Payments same as above.....
TOTAL COST, $3406
Bond, $1703. Surety, Union Indemnity Co. Limit, July 15, 1923. Forfeit, none Plans and specifications filed.

(481) ARTIFICIAL STONE AND Plain and ornamental plaster work on above.
Contractor — Paul E. Denivelle, 280 Golden Gate Ave., San Francisco.
Filed Feb. 9, '23. Dated Feb. 7, '23.
Payments same as above.....
TOTAL COST, $65,000
Bond, $32,500. Surety, Fidelity & Deposit Co. of Maryland. Limit, as required. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(482) ARTHUR AVE. near Third St. Construct reinforced concrete floor in slaughter house.
Owner—Miller & Lux, Inc., Premises.
Architect—None. $1000

ADDITION
(483) NO. 543 BRANNAN. Addition of 20x120 feet for frame cabinet shop
Owner—Home Mfg. Co., Premises.
Architect—None. $2000

FLATS
(484) N CORTLAND AVE 45-5 E Bocana. Two-story frame store and (2) flats.
Owner—F. Shiro, 303 Bocana St., San Francisco.
Architect—None.
Contractor—A. W. Spelt, 539 Day St., San Francisco. $4950

DWELLING
(485) W ELLINGTON 186 N Farragut. One-story and basement frame dwelling.
Owner—Pietro Rivetria, 57 Rae St., San Francisco.
Architect—John P. Cuneo, 5079 Mission St., San Francisco.
Contractor—John P. Cuneo, 5079 Mission St., S. F. $3000

DWELLING
(486) E ELEVENTH AVE 150 S Moraga. One-story and basement frame dwelling.
Owner—Johns Bros., 1715 Waller St., San Francisco.
Plans by Owner. $3800

DWELLINGS
(487) E FORTY-SIXTH AVE 50 and 75 N Lawton. Two one-story and basement frame dwellings.
Owner—Oscar Heyman & Bro., 742 Market St., San Francisco.
Architect—None. $1900 each

DWELLING
(488) E FOERSTER 75 S Flood Ave. One-story and basement frame dwelling.
Owner—Backman Bros., 537 Chenery St., San Francisco.
Architect—None. $3000

ALTERATIONS
(489) NO. 719 MARKET. New store front; paneling, etc.
Owner—Peerless Clothing Co., 719 Market St., San Francisco.
Architect — H. P. Vollmer, 407 Flood Bldg., San Francisco.
Contractor—S. Kulchar & Co., 8th Ave. and E-10th St., Oakland. $2500

SIGN
(490) SW PINE AND GRANT AVE. erect vertical double faced electric sign.
Owner—Grand View Tea Garden, Prem
Architect—None.
Contractor—Novelty Elec. Sign Co., 435 Turk St., S. F. $1950

ALTERATIONS
(491) NO. 1274 PLYMOUTH AVE. Raise dwelling; move to property line; concrete basement; add stairways and make minor interior changes.

Owner — Mr. and Mrs. H. H. Selleck, Premises.
Architect—None.
Contractor—Tomnitz & Kusich, 3321 2nd St., San Francisco. $1000

DWELLING
(492) E TWENTIETH AVE 151 S Judah. One-story and basement frame dwelling.
Owner—John A. Pereira, 1215 12th Ave., San Francisco.
Architect—None. $4000

DWELLING
(493) W BOYCE 100 S Geary. One-story and basement frame dwlg.
Owner—J. B. Hanlon, 135 Boyce St., San Francisco.
Architect—None.
Contractor—L. H. Stevenson, 45 Worth St., San Francisco. $5400

DWELLING
(494) W BOYCE 75 S Geary. One-story and basement frame dwlg.
Owner—Alfred and Maud Reese, 135 Boyce St., San Francisco.
Architect—None.
Contractor—L. H. Stevenson, 45 Worth St., San Francisco. $5400

FLATS
(495) W BOYCE 150 N Geary. Two-story and basement frame (2) flats
Owner—J. Caranzi, 420 17th Ave., S. F.
Architect— Louis Mastropasqua, 580 Washington St., San Francisco. $7000

ALTERATIONS
(496) NO. 2038 GREEN. Alter two flats into (4) apartments and make 4-room apartment addition.
Owner—F. Peters, 2038 Green St., San Francisco.
Architect—A. J. Fabre and E. H. Hildebrand, 110 Sutter St., San Francisco. $4000

DWELLING
(497) W FORTIETH AVE 100 N Balboa. One-story and basement frame dwelling.
Owner—Martin Smith, 114 Girard St., San Francisco.
Architect—None. $4500

DWELLING
(498) NE THIRTY-FIFTH AVE AND Ulloa. One-story and basement frame dwelling.
Owner — Parkside Realty Co., 617 Crocker Bldg., S. F.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. $4000

DWELLINGS
(499) S LINCOLN WAY 27-6, 52-6 and 77-6 —— each running 25 west ——. All work for three one-story five-room frame dwellings.
Owner—E. and Nanna Ellingson, 180 Jessie St., San Francisco.
Architect—R. R. Irving, Call Bldg., San Francisco.
Contractor—E. Ellingson, 180 Jessie St., San Francisco.
Filed Feb. 13, '23. Dated Feb. 12, '23.
Frame up and roof on ea...$1187.50
Brown ocated ea 1187.50
Completed and accepted, ea.. 1187.50
Usual 35 days ea..... 1187.50
TOTAL COST, $4750 each
Bond, none. Limit, 90 days. Forfeit, plans and specifications none.

COTTAGE
(500) E TWENTY-SEVENTH AVE 242 N Cabrillo N 25xE 120. All work for one-story and basement frame cottge.
Owner—Mrs. Malwine Harmuth, 693 10th Ave., San Francisco.
Architect — Herman Barth, Phelan Bldg., San Francisco.
Contractor—John V. Stiefel, 184 23rd Ave., San Francisco.
Filed Feb. 13, '23. Dated Feb. 10, '23.
Frame up and roof aheathed.$1200.00
Brown coated 1200.00
Completed and accepted..... 1866.25
Usual 35 days..... 1418.75
TOTAL COST, $5685.00
Bond, $2837.50. Surety, M. A. Slattery and Chas. S. Boyen. Limit, 5——; Forfeit, none. Plans and specifications filed.

STORE BLDG.
(501) LOT 16 BLK 3, Crocker Amazon Tract. All work for one-story frame store building.
Owner—Alvira De Martini.
Architect—P. F. De Martini, 946 Broadway, San Francisco.
Contractor—Fracchia & Rosina, 18 Cunningham Place, San Francisco.
Filed Feb. 13, '23. Dated Feb. 9, '23.
Frame up $750
Brown coated 750
Completed and accepted..... 760
Usual 35 days..... 750
TOTAL COST, $3000
Bond, $1500. Sureties, Carrara Antonio and G. B. Cordano. Limit, 80 days. Forfeit, none. Plans and specifications filed.

ADDITION
(502) NO. 116 FAIR OAKS bet. 22nd and 23rd. All work for two new apartments underneath present old building.
Owner — Mr. and Mrs. F. G. Jacobus, Premises.
Architect—H. A. Becker & Son, 3444 Twenty-second St., S. F.
Contractor—H. A. Becker & Son, 3444 Twenty-second St., S. F.
Filed Feb. 13, '23. Dated Feb. 9, '23.
Frame up $1300
Brown coated 1300
Completed 1300
Usual 35 days..... 1390
TOTAL COST, $5290
Bond, none. Limit, 90 days. Forfeit, $1. Plans and specifications filed.

COTTAGE
(503) SE BACON 55 NE Girard NE 32-6xSE 100. All work for four-room cottage with basement and garage.
Owner—F. Correa, 742 Thornton Ave., San Francisco.
Architect—S. Saari.
Contractor—S. Saari, 155 Brussels St., San Francisco.
Filed Feb. 13, '23. Dated Feb. 10, '23.
Frame up $925
Brown coated 925
Completed 926
Usual 35 days..... 925
TOTAL COST, $3700
Bond, none. Limit, 90 days after Feb. 15, 1923. Forfeit, $2. Plans and specifications, none.

STORE BLDG.
(504) LOT 15 BLK 3, Crocker Amazon Tract. All work for one-story frame store building.
Owner—A. Corbelli, 1232 Pacific St., San Francisco.
Architect—T. F. De Martini, 946 Broadway St., San Francisco.
Contractor — Fracchia & Rosina, 18 Cunningham Place, S. F.
Filed Feb. 13, '23. Dated Feb. 9, '23.
Frame up $750
Brown coated 750
Completed and accepted..... 760
Usual 35 days..... 750
TOTAL COST, $3000
Bond, $1500. Sureties, Corrara Antonio and G. B. Cordano. Limit, 80 days after Feb. 12, 1923. Forfeit, none. Plans and specifications filed.

DWELLING
(505) E FORTY-SECOND AVE 275 S Geary. One-story and basement frame dwelling.
Owner—Sam Martinsen.
Architect—H. C. Baumann and Edw. Jose, 251 Kearny St., San Francisco
Contractor — Theo. Christensen, 1440 Clement St., S. F. $5000

FLATS
(506) S TARAVAL 57-6 W Twenty-sixth Ave. Two-story and basement (2) flats and store.
Owner—A. H. Behm, 3030 24th St., San Francisco.
Architect—None.
Contractor — H. S. Meinberger, 5720 California St., S. F. $10,000

DWELLING
(507) N WOOLSEY 90 W San Bruno Ave. One-story and basement frame dwelling.
Owner—John Lange, 600 Girard St., San Francisco.
Architect—None.
Contractor—Jos. S. Fratessa, 896 Girard St., San Francisco. $4000

MARQUEE
(508) NO. 846 WASHINGTON. Erect galvanized iron marquee with steel frame.
Owner—Chin Get, Premises.
Architect—None.
Contractor—J. A. Korell & Co., 39 Isis St., San Francisco. $1000

ALTERATIONS
(509) NO. 181 TOWNSEND. Concrete floor; whitewashing; metal skylights; electric work, etc., for garage.
Owner—Haslett Warehouse Co., 228 Pine St., San Francisco.
Architect—None.
Contractor—L. A. Hinson, 1228 Grove St., San Francisco. $2500

FRAME BLDG.
(510) W DOLORES 30-6 S Fourteenth All work except plumbing and painting for two-story and basement frame building.
Owner—Louis and Elsie Laubscher.
Architect—Frederick W. Quandt, 414 Humbeldt Bank Bldg., S. F.
Contractor—M. K. Irvine, 1387 Hayes St., San Francisco.
Filed Feb. 14, '23. Dated Feb. 6, '23.
On 10th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $11,975
Bond, $6000. Sureties, Henry Jacks & Geo. F. Derning. Limit, May 15, 1923. Forfeit, none. Plans and specifications filed.

(511) PLUMBING ON ABOVE.
Contractor—Scott Co., 243 Minna St., San Francisco.
Filed Feb. 14, '23. Dated Feb. 6, '23.
Payments same as above.....
TOTAL COST, $1330
Bond, none. Limit, May 15, 1923. Forfeit, none. Plans and specifications filed.

(512) PAINTING ON ABOVE.
Contractor—Arnold Wehrli, 1316 Florida St., San Francisco.
Filed Feb. 14, '23. Dated Feb. 6, '23.
On completion 75%
Usual 35 days.....Balance
TOTAL COST, $640
Bond, $320. Sureties, W. H. Clifford & Anton Baumann. Limit, forfeit, none. Plans and specifications filed.

FACTORY
(513) NE HOWARD & THIRTEENTH All work except electric wiring for one-story Class C factory building.
Owner—Jas. E. Scott, 526 Funston Ave. San Francisco.
Architect—Dodge A. Riedy, 850 Pacific Bldg., San Francisco.
Contractor—Wm. K. Irvine, 1387 Hayes St., San Francisco.
Filed Feb. 14, '23. Dated Feb. 14, '23.

Concrete forms completed...$4287.60
Roof sheathing on and frame completed 4287.50
Completed and accepted..... 4287.50
Usual 35 days..... 4287.50
TOTAL COST, $17,150.00
Bond, $8575. Sureties, Henry Jacks & Geo. F. Derning. Limit, 65 days. Forfeit, none. Plans and specifications filed.

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(514) W THIRTY-SECOND AVE 175 S Clement. All work for 3 6-room bungalows.
Owner—G. Becker.
Architect—None.
Contractor—Meyer Bros., 5326 Geary St. San Francisco.
Filed Feb. 14, 1923. Dated Feb. 3, 1923.
Frame up .....$1125 each
Brown coated ..... 1125 each
Completed and accepted.. 1125 each
Usual 35 days ..... 1125 each
TOTAL COST, $4500 each
Bond, none; Sureties, none; Forfeit, none; Limit, 90 days; Plans and specifications, none.

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(515) W FORTY-SIXTH AVE. 25 S Balboa. all work for 3 6-room bungalows.
Owner—Wm. Klute, 523 22nd Ave., San Francisco.
Architect—None.
Contractor—Meyer Bros., 5236 Geary St. San Francisco.
Filed Feb. 14, 1923. Dated Feb. 3, 1923.
Frame up .....$1125 each
Brown coated ..... 1125 each
Usual 35 days ..... 1125 each
Completed and accepted.. 1125 each
TOTAL COST, $4500 each
Bond, none; Sureties, none; Forfeit, none; Limit, 90 days; Plans and specifications, none.

FLATS
(516) E EIGHTEENTH AVE 325 and 350 S Cabrillo. Two two-story and basement frame (2 in each) flats.
Owner—John F. Millane, 155 29th St., San Francisco.
Architect—None.
Contractor—O. K. Holt, 3877 26th St., San Francisco. $7500 each

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APARTMENTS
(517) W FOURTH AVE 175 S Clement Two-story and basement frame (4) apartments.
Owner—F. A. Erkilson, 241 12th Ave., San Francisco.
Architect—C. O. Clausen, 1226 Hearst Bldg., San Francisco. $9000

ALTERATIONS
(518) NO. 15 KEARNY. Alter store front.
Owner—Al. Korn, Premisea.
Architect—None.
Contractor—A. Hangerud, 2745 16th St., San Francisco. $2000

BRIDGE, ETC.
(519) N BALBOA 100 E Great Highway. Conatruct bridge and raceway for amusement concession.
Owner—S. B. Peterson, 1329 Taylor St., San Francisco.
Architect—None.
Contractor—A. B. Southard, 517 Crocker Bldg., San Francisco. $3000

ALTERATIONS
(520) NO. 15 KEARNY. Alter store front; owner, Al. Korn, Premises.
Architect—None.
Contractor — A. Haugerud, 2745 16th St., San Francisco. $2000

DWELLING
(521) S TWENTIETH 100 W Potrero Ave. One-story and basement frame dwelling.
Owner — J. B. Bourdieu, 804 Potrero Ave., San Francisco.
Architect — Gustave Stahlberg, 544 Market St., S. F. $3000

ALTERATIONS
(522) SW TWENTY-FIFTH AND Potrero Ave 72-4 on 25th and 140 on Potrero Ave. All work for moving and alterations to one-story and basement residence and new one-story garage.
Owner—O. M. Olmo, 1302 Potrero Ave., San Francisco.
Architect — Gustave Stahlberg, 544 Market St., San Francisco.
Contractor—J. B. Bourdieu and P. Lanchere, 804 Potrero Ave., S. F.
Filed Feb. 15, '23. Dated Feb. 7, '23.
On 15th and last of each month, 75% and on completion balance to make 80%.....
Usual 35 days.....Balance
TOTAL COST, $7930
Bond, $3965. Sureties, Henri Fourcade and J. P. Mirasson. Limit, 90 days. Forfeit, none. Plans and specifications filed.

SOOT BLOWERS, ETC.
(523) WEBSTER ST. bet. Sacramento and Clay. All work for soot blowers, resetting boiler brick work for Stanford University Hospital.
Owner—The Board of Trustees of the Leland Stanford Junior University, Clay and Webster Sts., S. F.
Architect—Hunter & Hudson, Rialto Bldg., San Francisco.
Contractor—John Downey, 260 Natoma St., San Francisco.
Filed Feb. 15, '23. Dated Jan. 18, '23.
End of every 2 weeks..... 75%
Usual 35 days..... 25%
TOTAL COST, $2500, etc.
Bond, none. Limit, 45 days. Forfeit, none. Plans and specifications filed.

FLAT BLDG.
(524) S GEARY 57-6 E Second Ave. 25x85. All work for two-story frame store and flat building.
Owner—C. W. Hayward, 17 Masonic Ave., San Francisco.
Architect—H. C. Baumann and Edw. Jose, 251 Kearny St., San Francisco
Contractor—Magnuson & Peterson, 221 Noe St., San Francisco.
Filed Feb. 15, '23. Dated Feb. 13, '23.
Frame up $2396.50
Brown coated 2396.50
Completed and accepted..... 2396.50
Usual 35 days..... 2396.50
TOTAL COST, $9586.00
Bond, $4793. Sureties, Albin Warden and Chas. Monson. Limit, 90 days after Feb. 19, 1923. Forfeit, none. Plans and specifications filed.

THEATRE
(525) NW GEARY & EIGHTEENTH Ave N 150 W 120 S 50 E 32-6 S 100 E 87-6 O L 198. Structural steel work for Class A theatre and Class C stores.
Owner — Joseph L. Levin, Chronicle Bldg., San Francisco.
Architect—Reid Bros., 106 Montgomery St., San Francisco.
Contractor—Central Iron Works, 2050 Bryant St., San Francisco.
Filed Feb. 15, '23. Dated Jan. 30, '23.
On 6th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $18,230
Bond, $9115. Sureties, Anselmo F. Schuler, Mrs. Margaret Schuler and Andrew A. Devoto. Limit, 75 days. Forfeit, $25. Plans and specifications filed.

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(526) EXCEPT STRUCTURAL IRON work, etc., on above.
Contractor—G. B. Pasqualetti, 746 Union St., San Francisco.
Filed Feb. 15, '23. Dated Feb. 1, '23.
Payments same as above.....
TOTAL COST, $71,300
Bond, $35,650. Sureties, P. A. Bucca and A. Lalolo. Limit, Oct. 1, 1923. Forfeit, none. Plans and specifications filed.

FRAME BUILDING
(527) SE GEARY AND TWENTY-seventh Ave S 100xE 60. Plumbing, gas fitting, ateam heating, hot water circulating and oil burning system for two-story frame bldg.
Owner—Konrad and Josepha Klippel, San Leandro.
Architect—G. A. Berger, 261 Valencia St., San Francisco.
Contractor—Gilley Schmid Co., Inc., 198 Otis St., San Francisco.
Filed Feb. 15, '23. Dated Feb. —, '23.
Not later than 10th of ea month 75%
Usual 35 days..... 25%
TOTAL COST, $4179
Bond, $2500. Sureties, J. V. Young and H. Mank. Limit, as work progresses. Forfeit, $10. Plans and specifications filed.

DWELLING
(528) E GOUGH 100 N Chestnut N 25 xE 112-6. All work for one-story and basement dwelling.
Owner—Ruth Caro and Sigmund V. Rothschild, 235 Montgomery St., San Francisco.
Architect—None.
Contractor—John Eldrup and C. Hermanson, 3723 Market St., S. F.
Filed Feb. 15, '23. Dated Jan. 29, '23.
Four equal payments as follows:
Frame up and roof on.....
1st coat plaster on.....
Completed and accepted.....
Usual 35 days.....
TOTAL COST, $6100
Bond, $3050. Surety, Maryland Casualty Co. Limit, 90 days. Forfeit, none. Plans and specifications filed.

ELECTRICAL WORK
(529) N NATOMA AND EIGHTH NW 75xNE 275. Electrical work for building.
Owner—Talbot Investment Co.
Architect—J. E. Krafft & Sons, Phelan Bldg., San Francisco.
Contractor—H. S. Tittle, 766 Folsom St San Francisco.
Filed Feb. 15, '23. Dated Feb. 10, '23
Rough work ready for plastering $1500
Completed and accepted..... 1381
30 days after..... 1000
TOTAL COST, $3881
Bond, $2000. Surety, New Amsterdam Casualty Co. Limit, without delay. Forfeit, $40. Plans and specifications filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted
Feb. 8, 1923—N BUSH 62-2 W Baker W 25-4 N 87-6 E 25 S 49-3½ E 0-4 S 38-2½. Agnes E Maurer to whom it may concern.....Feb. 2, 1923
Feb. 9, 1923—LOT 13 BLK 3165, Westwood Park. Jos M. McLaughlin to Hans Nelson.....Feb. 8, 1923
Feb. 9, 1923—N EXCELSIOR AVE & Edinburgh NE 75xNW 25. Knut Anderson to whom it may concern .....Jan. 30, 1923
Feb. 9, 1923—NW EDINBURGH 100 NE Excelsior Ave NE 25xNW 100. Knut Anderson to whom it may concern .....Feb. 2, 1923
Feb. 9, 1923—E MADRID AND Excelsior Ave NE 475 SE 100 SW 375 NW 50 SW 100 NW 50. Knut Anderson to whom it may concern... .....Feb. 2, 1923
Feb. 9, 1923—W AVALON AVE AND Edinburgh NW 125 SW 75 SE 25 SW 125 SE 100 NE 200. Knut Anderson to whom it may concern... .....Jan. 30, 1923
Feb. 9, 1923—SW MASON AND EDDY S 137-6xW 137-6. Jas K Prior Jr and Tony Prior as Extrs Eat Mary Prior dec'd et al to Collonan Elec & Mfg Co .....Feb. 1, 1923

Feb. 9, 1923—NW FULTON AND Fourteenth Ave N 131-3 N 31-3 W 127-6 S 31-3 E 127-6. M C Smith to M C Ingraham.....Feb. 9, 1923
Feb. 9, 1923—NE BALBOA AND Twenty-sixth Ave 38-9¾xN 60; N Balboa 38-9¾ E Twenty-sixth Ave E 51-2¼xN 50. Samuel A Wood to J H Thorup.....Feb. 9, 1923
Feb. 9, 1923—W TWENTY-FOURTH Ave 200 S Cabrillo S 25x120. John J and Timothy C O'Brien to whom it may concern.....Feb. 9, 1923
Feb. 9, 1923—NW LAKE AND 12th Ave. Louis Kahn to I R Kissel... .....Feb. 1, 1923
Feb. 9, 1923—NW LAKE AND 12TH Ave. Louis Kahn to Ahlbach & Mayer.....Feb. 2, 1923
Feb. 9, 1923—SE FOSTER & JOOST Ave 29x50. Ella V Ryan to Wm G Spriz.....Feb. 6, 1923
Feb. 9, 1923—LOTS 5 AND 6 BLK 3137 Westwood Park. Hans and Esther Nelson to whom it may Concern .....Feb. 7, 1923
Feb. 13, 1923—S O'FARRELL 200 W Hyde 50x137-6. Jacob Steur to whom it may concern..Feb. 12, 1923
Feb. 13, 1923—E FORTY-FIFTH AV 60 N Anza. Charles A Anderson to O E Carlson.....Feb. 9, 1923
Feb. 13, 1923—COMG. 45 S Potrero Ave and Sixteenth E 100xS 37-6. Jas and Wm Pappas to Teodorus Jacobus Houweling....Feb. 10, 1923
Feb. 13, 1923—W WAVERLY PLACE bet. Clay and Sacramento No. 39. The Wong Wun Sun Club to Finnegan & Mahoney.....Feb. 10, 1923
Feb. 13, 1923—NE JERSEY AND Chattanooga N 28xE 100. Victor Guilmes to whom it may concern.. .....Feb. 10, 1923
Feb. 13, 1923—E LONDON 100 from Geneva 25x96. Serafino Fasce to A Debenedette.....Feb. 13, 1923
Feb. 13, 1923—N FIRST AND Natoma NW 40xNE 80. Walter H Sullivan to Louis Cohn.Feb. 10, 1923
Feb. 14, 1923—E FREMONT 220 N Mission 45-10x137. Chas B and J G Weil to Barrett & Hilp..Feb. —, '23
Feb. 14, 1923—N BROADWAY 154-6 W Baker 77-3x137-6. Saretta B Hindes to Stubo & Griffin.Feb 9, 1923
Feb. 14, 1923—NW HURON AVE 105 NE Sickles NE 25x107. Christine Christoffer to R Macdonald..... .....Feb. 14, 1923
Feb. 14, 1923—W TWENTY-FOURTH Ave 134-8 S "A" S 25xW 120. Jas Barnes to A M Hardy...Feb. 13, 1923
Feb. 14, 1923—S MARKET 204-3 E from E line Castro and 17th E 32-10½ S 74-8 W 25 N 53-3¼. Henry Becker to Chas Haggins.Jan. 31, 1923
Feb. 14, 1923—N CLAY 65 W Grant Ave W 20xN 70. Bow On Ass'n to Bayless & Sheridan....Feb. 12, 1923
Feb. 14, 1923—N GREEN 137-6 E Pierce N 137-6xE 32-6. Marvin Curtis to E Ellingson.Feb. 14, 1923
Feb. 15, 1923—SE KEARNY AND Pine. Mortimer A Samuel to Fontanella & Teza.....Jan. 31, 1923
Feb. 15, 1923—S TURK 137-6 W Taylor W 50xS 137-6. Mortimer A Samuel to J A Black..Feb. 13, 1923
Feb. 15, 1923—NW VIENNA 275 SW France Ave SW 25xNW 100. John Miller to whom it may concern.. .....Feb. 14, 1923
Feb. 15, 1923—W TWENTY-SECOND Ave 200 N Ulloa 25x120. Wm Ingram and Wm E Higginson to whom it may concern..Feb. 14, 1923
Feb. 15, 1923—W GUERRERO 141-9 SE Market N 141-9 SW 149-10½ SE 122-3½ m or l to beg. Mary Ives Crocker to D N & E Walter & Co, Feb. 8; H Ankers..Feb. 13, '23
Feb. 15, 1923—E FORTY-FIFTH AV 270 S Geary S 30xE 111. Michael J Hontalas to Theodore Christensen.....Feb. 13, 1923
Feb. 15, 1923—NO. 1619 VALLEJO. E W Kay, trustee, to J J Irwin.. .....Feb. 15, 1923
Feb. 15, 1923—LOT 25 BLK 24, St. Francis Wood Extn No. 2; S 50 ft. Lot 27 Blk 24, St. Francis Wood Extn No. 2. Garden Homes Co to H B Allen (as Allen & Co)..... .....Feb. 13, 1923

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

Feb. 9, 1923—SW CALIFORNIA AND Jones W 103-1½xS 137-9½. Julius and Elisa Soboslay and Albert J Fankhauser as to improvements on property .....
Feb. 13, 1923—W BRYANT 62-6 N Sixteenth N 62-6 W 100 S 25 E 10-9 S 37-6 E 89-3. Jochim Sass as to improvements on property.....

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Amount
Feb. 10, 1923—W FAXON AVE 375 S De Montford Ave S 25xW 126-6. S C Barnhill vs W H Depew, R M and H F Beede $245.45
Feb. 10, 1923—NO. 2049 MARKET on S Market beg at pt E of 14th 25 on Market by 125. M G Peek vs James Landers and Herman O Steiner $86.50
Feb. 13, 1923—W TWENTY-FIRST Ave 87-6 S Cabrillo S 37-6 W 120 N 25 E 25 N 12-6 E 95. A Ramzzotti vs W F Megannon $60
Feb. 13, 1923—NE GEARY & HYDE E 37-6xN 87-6. General Machinery & Supply Co, $102.27; Jos Schwartz, $556.60; Foucar Ray & Simon, Inc, $332.89 vs M A Hunt.....
Feb. 14, 1923—NW MISSION 50 SW Bosworth SW 30 NW 79-11½ E 42-6 SE 49-11¾. G Ferroni & Sons vs Timothy J and Agnes Shea....$3945
Feb. 14, 1923—E TWENTY-FOURTH Ave 300 S Lincoln Way S 25xE 120. R C Traylor vs Jennie and Celia Caro and R Albertson.....$76.87½
Feb. 15, 1923—PPTY OF SOUTHERN Pacific Co and blk bded by King, Berry, 3rd and 4th. John Cassaretto vs Unit Constr Co and Southern Pacific Co.....$466.13
Feb. 15, 1923—BLK BDED ON N by King; S by Berry; E by 3rd, and W by 4th. Pope & Talbot vs Southern Pacific Railroad Co and Unit Constr Co.....$250.59

BUILDING CONTRACTS

ALAMEDA COUNTY

$1,000 and Over Reported

The following is an Index for the

No.	Owner	Contractor	Amt.
593	Staples	Owner	3500
594	Pedersen	Fessenden	2600
595	Doherty	Bigelow	2000
596	Crane	Crane	3950
597	Ala Investment	Owner	2352
598	Ala. Inveatment	Owner	2500
599	Ala Investment	Owner	2352
600	Ala Investment	Owner	2250
601	Dickie	Owner	6000
602	Street	Short	8000
603	Santos	Owner	2800
604	Blumen	Owner	3300
605	McIntier	Owner	6600
606	Kavanaugh	Cal Bldrs.	4000
607	University Inv.	Kulchar	10000
608	Lucille Inc.	Brooke	1000
609	Hammerstein	Jespersen	5000
610	Prunette	Owner	1900
611	Wallace Locke	Sutton	2400
612	Shipman	Owner	2300
613	Wedeman	Owner	3000
614	Leavens	Bradhoff	——
615	Waldron	Dawson	12847
616	Harms	MMcGregor	19300
617	Lassen	Lassen	3950
618	Turner	Owner	10000
619	Smith	Auseon	1000
620	Armour	Wolfe	3000
621	Taylor	Owner	1200
622	Neary	Peters	2400
623	Summers	Dingwell	15000
624	Van Ness	Owner	2250
625	Knight	Field	14250
626	Meyers	Graham	6250
627	Graf	Bacigalupi	5500
628	Hoff	Offe	3000
629	Campau	Owner	3000
630	Cooper	Owner	3500
631	Casey	Carpenter	2260
632	Monez	Perry	2000
633	Harms	MacGregor	3950
634	Brown	Owner	2000
635	Metchen	Owner	2000
636	Hughes	Owner	3000
637	Grimes	Owner	4500
638	Sherbourne	Owner	2500
639	Nichols	Owner	3850
640	Harford	Owner	4800
641	Moore	Hind	5000
642	Paganetti	Martin	3500
643	Nittler	Owner	3300
644	McCloud	Malley	1500
645	De Mooy	Owner	2500
646	Hessler	Burks	3600
647	Hunt	Schnebly	6281
648	Anderson	Owner	10000
649	Freeman	Rose	1000
650	Day	Owner	11500
651	Hancock	Christensen	8000
652	Euphrat	Cahill	13000
653	Poquette	Corley	3300
654	Gentry	Owner	7500
655	Brazier	Owner	6000
656	Mortimer	Thaxter	6000
657	Fehr	Holm	3265
658	Babcock	Henderson	10000
659	Hendrickson	Owner	6000
660	Cautria	Fenand	2500
661	Hart	Owner	9000
662	Wilson	Owner	3500
663	Gallagher	Gallagher	4000
664	Brown	Owner	3500
665	Assoc. Milk	Britt	2000
666	Brown	Owner	3000
667	Fennelly	Owner	3700
668	Kohler	Graff	3500
669	Moyle	Owner	3000
670	Winton	Jones	5000
671	Frombetta	Garello	2000
672	Villata	Garillo	2500
673	Hart	Owner	4500
674	Brown	Owner	3000
675	Oakland	Federal	3500
676	Winnie	Owner	2250
677	Nichall	Lena	1250
678	Brasch	Owner	6000
679	Brasch	Owner	4000
680	Reeves	Ward	4500
681	Sims	Owner	8400
682	Rutledge	MacDonald	1000
683	Reed	Owner	2000
684	Bontet	Moe	1500
685	Newman	Owner	2700
686	Simons	Mullen	4426
687	Fisher	Owner	9000
688	Mott	Graff	4500
689	Herrmann	Norgrove	4688
690	Belchel	Fish	3500
691	Johnson	Reeves	1800
692	Kearney	Gooden	9000
693	Landsberger	Thorp	900
694	Owens	Owner	7000
695	Meader	Owner	10600
696	Neal	Shalzer	1000
697	Stevens	Forsyth	1200
698	Mollath	Mason	1000
699	Person	Owner	4500
700	Hillen	Owner	8000
701	Hillen	Owner	31600
702	Hillen	Owner	36000
703	Boynton	Owner	1500
704	Schnoor	Dildine	5000
705	Hillen	Owner	6000
706	Bennett	Owner	4900
707	Andresen	Petersen	8000
708	Shrader	Rose	7500
709	Burnett	Owner	7500
710	Smith	Auseon	1000
711	Gold	Owner	2000
712	Pullen	Chandler	2800
713	Chambers	Owner	2250
714	Francis	Owner	3000
715	Johnson	Johnson	2500
716	Heisler	Wells	2950

717	Krumel	Flittner	4240
718	Farnsworth	Owner	1000
719	Hebern	Western	1950
720	Hebern	Frauneder	1675
721	Hebern	Fuller	1925

DWELLING
(593) NO. 1347 ADDISON, Berkeley. Two-story 5-room dwelling.
Owner—J. H. Staples, 2521 Dana St., Berkeley.
Architect—None. $3500

DWELLING
(594) NO. 1438 DELAWARE ST., Berkeley. One-story 5-room dwlg.
Owner—Pedersen & Fessenden, 2137 Sacramento St., Berkeley.
Architect—None.
Contractor—C. L. Fessenden, 2137 Sacramento St., Berkeley. $2600

DWELLING
(595) NO. 1102 GLEN AVE., Berkeley. One-story 4-room dwelling.
Owner—Josephine C. Doherty, 2444 Carleton St., Berkeley.
Architect—None.
Contractor—Daniel Bigelow, 1011 33rd Ave., Oakland. $2000

DWELLING
(596) NO. 2509 HILL COURT, Berkeley. Two-story 6-room dwlg.
Owner—C. B. Crane, 2695 Cedar St., Berkeley.
Architect—None.
Contractor—C. B. Crane & Son. $3950

DWELLING
(597) N MONTANA ST 195 W Canon, Oakland. 1-story 4-room dwelling.
Owner—Alameda Invest. Co., 703 Syndicate Bldg., Oakland.
Architect—None. $2352

DWELLING
(598) NW COR MAPLE & MONTANA. Oakland. 1-story 4-room dwelling.
Owner—Alameda Invest. Co., Syndicate Bldg., Oakland.
Architect—None. $2500

DWELLING
(599) W MAPLE AVE 40 N Montana. Oakland. 1-story 4-room dwelling.
Owner—Alameda Invest. Co., 703 Syndicate Bldg., Oakland.
Architect—None. $2352

DWELLING
(600) N MONTANA ST. 155 W Cannon Ave., Oakland. 1-story 4-room dwlg.
Owner—Alameda Invest. Co., 703 Syndicate Bldg., Oakland.
Architect—None. $2250

DWELLINGS
(601) E THIRTY-FIFTH AVE. 333 & 366 E Allendale, Oakland. 2 1-story 5-room dwellings.
Owner—Myrtle E. Dickie, 1340 Madison, Oakland.
Architect—None. $3000 each

DWELLING
(602) 770 CALMAR AVE., Oakland. 2-story 7-room dwelling.
Owner—E. C. Street, 659 Valle Vista Ave., Oakland.
Architect—None.
Contractor—C. W. Short, 574 Roaal Ave. Oakland. $8000

DWELLING
(603) 1517 E THIRTY-THIRD ST., Oakland. 1-story 5-room dwelling.
Owner—John F. Santos, 1459 E 33rd St Oakland.
Architect—None. $2800

(604) N E-FOURTEENTH ST. 80 E 105th Ave., Oakland. 1-story stores.
Owner—S. J. Blumen, 1312 106th Ave., Oakland.
Architect—None. $3300

DWELLINGS
(605) 1215-21 E-TWENTY-FIRST ST., Oakland. 2 1-story 5-room dwlgs.
Owner—H. M. McIntier, 1528 Franklin St., Oakland.
Architect—None. $3300 ea.

DWELLING
(606) 1073 FIFTY-SIXTH ST., Oakland. 1-story 6-room dwelling.
Owner—John Kavanaugh, 1534 Franklin St., Oakland.
Architect—None.
Contractor — Calif. Builders Co., 1534 Franklin St., Oakland. $4000

ALTERATIONS
(607) SW COR FOURTEENTH AND Washington, Oakland. Alterations and additions.
Owner—University Inv. Co., Oakland.
Architect—None.
Contractor—S. Kulchar & Co., 8th Ave. & E-10th St., Oakland. $10,000

ALTERATIONS
(608) 56 GRAND AVE., Oakland. Alteration.
Owner—Lucille Inc., 406 15th St., Okd.
Architect—None.
Contractor—W. R. Brooks, 3456 Fruitvale Ave., Oakland. $1000

DWELLING
(609) 5522 MARKET ST, Oakland. 1-story 5-room dwelling.
Owner — Mrs. Olga W. Hammerstein, 53rd and Lowell Sts., Oakland.
Architect—None.
Contractor—J. W. Jespersen, 878 54th St., Oakland. $5000

DWELLING
(610) 1606 NINETY-FOURTH AVE., Oakland. 1-story 5-room dwelling.
Owner — E. Prunette, 1604 94th Ave., Oakland.
Architect—None. $1900

DWELLING
(611) N PORTER 348 W THIRTY-Eighth Ave., Oakland. 1-story 4-room dwelling.
Owner—Wallace & Lake, 3811 Quigley, Oakland.
Architect—None.
Contractor—J. F. Sutton, 2518 Lincoln Ave., Oakland. $2400

DWELLING
(612) 1736 SEVENTY-THIRD AVE., Oakland. 1-story 4-room dwelling.
Owner—C. A. Shipman, 1437 69th Ave., Oakland.
Architect—None. $2300

DWELLING
(613) 4817 WALNUT AVE., Oakland. 1-story 5-room dwelling.
Owner—Andrew Wedeman, 1052 7th St., Oakland.
Architect—None. $3000

DWELLING
(614) SE COR YOSEMITE AVE & INdian Trail, Berkeley. 1-story, basement and attic frame dwelling.
Owner—Robert F. Leavens, 2600 Ridge Road, Berkeley.
Architect—Walter T. Stellberg, Flatiron Bldg., S. F.
Contractor—Tranmal & Bradhoff, 911 55th Oakland.
Filed Feb. 8, 1923. Dated Feb. 6, 1923.
Ea. 2 weeks 75%
Usual 35 days 25%
TOTAL COST, 10% Plus Cost
Bond, none; Sureties, none; Forfeit, none; Limit, July 1; Plans and specifications filed.

DWELLING
(615) LOT 8 BLK 5 MAP CLAREmont, Berkeley. 2-story and basement frame dwelling and garage.
Owner—Mrs. Lewis H. Waldron, 2610 Hillegas Ave., Berkeley.
Architect—Walter B. Phillips, Monadnock Bldg., S. F.
Contractor—J. Dawson, 1136 Sutter St., Berkeley.
Filed Feb. 9, 1923. Dated Jan. 18, 1923.
Frame up .....¼
Plastered .....¼
Completed and accepted .....¼
Usual 35 days .....¼
TOTAL COST, $12,847.76
Bond, $6423.87; Sureties, W. S. Fidelity & Guaranty Co.; Forfeit, none; Limit, 90 days; Plans and specification filed.

DWELLINGS
(616) NO. 444-450-456-462 ATHOL Ave., Oakland. Four one-story 6-room dwellings and garages.
Owner—H. W. Harms, 409 15th St., Oakland.
Architect—None.
Contractor—C. M. MacGregor, 470 13th St., Oakland. $4825 each

DWELLING
(617) NO. 5342 BROADWAY, Oakland. One-story 5-room dwelling.
Owner—Carl C. Lassen, 5323 College Ave., Oakland.
Architect—None.
Contractor—Lassen & Shields, 5323 College Ave., Oakland. $3950

APARTMENTS
(618) SW E-EIGHTEENTH ST. AND Ninth Ave., Oakland. Two-story 12-room apartments.
Owner—J. T. Turner, 912 E-18th St., Oakland.
Architect—None. $10,000

SERVICE STATION
(619) NW FIFTY-FIRST AND TELEgraph Ave., Oakland. One-story steel service station.
Owner—E. M. Smith, 672 Mission St., San Francisco.
Architect—None.
Contractor—A. L. Auseon, 122 Bay Place, Oakland. $1000

DWELLING
(620) N ROBERTS 200 E Birdsall St., Oakland. One-story 3-room dwlg.
Owner—Mrs. Ada R. Armour, 2928 Birdsall St., Oakland.
Architect—None.
Contractor—Wm. Wolfe, 128 13th St., Oakland. $3000

ALTERATIONS
(621) NO. 3434 SEMINARY AVE., Oakland. Alterations and repairs.
Owner—R. E. Taylor, Premises.
Architect—None. $1200

DWELLING
(622) NO. 1348 SIXTIETH AVE., Oakland. One-story 4-room dwelling.
Owner—Wm. F. Neary, 536 17th St., Oakland.
Architect—None.
Contractor—L. A. Peters, 3485 Davis St., Oakland. $2400

ALTERATIONS
(623) NO. 721 AND 725 TWENTIETH St., Oakland. Alterations and additions (2 jobs).
Owner—Summers Bros.
Architect—None.
Contractor—J. H. Dingwell. $7500 ea

DWELLING
(624) NO. 3551 WILSON ST., Oakland. One-story 4-room dwelling.
Owner—Lestor Van Ness, 2036 Hopkins St., Oakland.
Architect—None. $2250

DWELLING
(625) PIEDMONT. All work for two-story frame dwelling.
Owner—Henrietta C. Knight, 388 12th St., Oakland.
Architect—None.
Contractor—John Field, 43 Cambridge Way, Piedmont.

Filed Feb. 9, '23. Dated Jan. 19, '23.
Roof on ..... ¼
Brown coated ..... ¼
Completed ..... ¼
Usual 35 days..... ¼
TOTAL COST, $14,250
Bond, $7125. Surety, Mass. Bonding & Insurance Co. Limit, 130 days. Forfeit, none. Plans and specifications filed.
NOTE:—Permit reported Jan. 3, 1923 No. 469.

ALTERATIONS
(626) LOT 6 BLK 166 Kellersberger's Map of Oakland. All work for alterations.
Owner — Chas. D. Meyers, Madison Apts., Oakland.
Architect—None.
Contractor—E. H. Graham, 152 Grand Ave., Oakland.
Filed Feb. 9, '23. Dated Jan. 27, '23.
Partitions moved ..... ¼
Stairways in ..... ¼
1st coat paint on..... ¼
Completed and accepted..... ¼
TOTAL COST, $6250
Bond, limit, forfeit, plans and specifications, none.
NOTE:—Permit reported Jan. 2, 1923 No. 10.

DWELLING
(627) LOT 19 BLK B Map Property E. B. Mastick, Alameda. All work for one-story frame dwelling.
Owner—Henry and Etta Graf, Oakland.
Architect—None.
Contractor—M. Bacigalupi and J. Curlatto, Alameda.
Filed Feb. 9, '23. Dated Feb. 8, '23.
Frame up ..... ¼
Plastered ..... ¼
Completed and accepted..... ¼
Usual 35 days..... ¼
TOTAL COST, $5500
Bond, $2750. Surety, Domingo Parodi and A. Ghiglione. Limit, 90 days. Forfeit, none. Specifications only filed.

REPAIRS
(578) NO. 2132-4 CENTER ST., Berkeley. Repairs.
Owner—Board of Education of the City of Berkeley.
Architect—None.
Contractor—Garner Brennan. $1650

DWELLING
(628) NO. 2011 EIGHTH ST., Berkeley One-story 5-room dwelling.
Owner—E. Hoff, 954 University Ave., Berkeley.
Architect—None.
Contractor—F. Offe, 1025 Hearst Ave., Berkeley. $3000

DWELLING
(629) NO. 2233 JEFFERSON ST., Berkeley. One-story 5-room dwlg.
Owner—Campau Hall Bldg. Ass'n., 5723 College Ave., Oakland.
Architect—None. $3000

DWELLING
(630) NO. 3033 LEE ST., Berkeley. One-story 5-room dwelling.
Owner — Frank Cooper, 3120 Peralta Ave., Berkeley.
Architect—None. $3500

DWELLING
(631) NO. 2323 SPAULDING AVE., Berkeley. One-story 4-room dwlg.
Owner—Geo. Casey, 686 Poirier St., Oakland.
Architect—None.
Contractor—Wilmot P. Carpenter, 2427 Spaulding St., Berkeley. $2250

DWELLING
(632) NO. 2418 SEVENTH ST., Berkeley. One-story 4-room dwelling.
Owner—Manuel Monez, 2414 7th St., Berkeley.
Architect—None.
Contractor—Vincent Perry, 1127 Washington St., Albany. $2000

DWELING
(633) 711 BROOKLYN AVE., Oakland. 1-story 5-room dwelling.
Owner—H. W. Harms, 409 15th St., Okd.
Architect—None.
Contractor—C. M. MacGregor, 470 13th St., Oakland. $3950

STORES
(634) S BECK ST 100 E Havenscourt, Oakland. 1-story 3-room stores.
Owner—Leonard Brown, 1317 8th St., Oakland.
Architect—None. $2000

DWELLING
(635) W CHURCH 30 N Flora, Oakland. 1-story 5-room dwelling.
Owner—J. F. Metchen, 103 Broadway, Oakland.
Architect—None. $2000

DWELLING
(636) 3023 DELAWARE, Oakland. 1-story 5-room dwelling.
Owner—George B. Hughes, 1833 40th Ave., Oakland.
Architect—None. $3000

DWELLING
(637) 1633 HOPKINS St., Oakland. 1-story 6-roocm dwelling.
Owner—Robt. D. Grimes, 355 12th St., Oakland.
Architect—None. $4500

DWELLING
(638) 1771 EIGHTY-THIRD AVE., Oakland. 1-story 4-room dwelling.
Owner—W. W. Sherbourne, 79th Ave., and Beck St., Oakland.
Architect—None. $2500

DWELLING
(639) 2611 NINTH AVE, Oakland. 1-story 5-room dwelling.
Owner—C. K. Nichols, 355 12th St., Okd.
Architect—None. $3850

DWELLING
(640) 6144 OCEAN VIEW DRIVE, Okd. 1-story 5-room dwelling.
Owner—Mrs. Mary T. Harford, 854 53rd St., Oakland.
Architect—A. W. Smith, 1010 Broadway Oakland. $4800

DWELLING
(641) S ROCKRIDGE BLVD 60 E Pathway, Oakland. 1-story 6-room dwelling.
Owner—Wm. S. Moore, 5742 Herman St., Oakland.
Architect—None.
Contractor—H. F. Hind, 1424 Milvia St. Oakland. $5000

DWELLING
(642) W SHAFTER AVE 65 S 49th St. Oakland. 1-story 5-room dwelling.
Owner—Adolph Poganetti.
Architect—None.
Contractor—Martin & Eyseley, 416 48th St., Oakland. $3500

DWELLING
(643) 3300 E-SEVENTEENTH St., Okd 1-story 5-room dwelling.
Owner—Mary Nittler, 3310 E-17th St., Oakland.
Architect—None. $3300

ALTERATIONS
(644) 1816 SAN PABLO, Oakland. Alteration.
Owner—B. McCloud.
Architect—None.
Contractor—H. G. and C. F. T. Malley, 2947 West St. Oakland. $1500

DWELLING
(645) 530 SIXTY-SECOND ST., Oakland. 1-story 4-room dwelling.
Owner—H. B. De Mooy, 526 62nd St., Oakland.
Architect—None. $2500

DWELLING
(646) 722 SIXTIETH St., Oakland. 1-story 5-room dwelling.
Owner—W. Hessler.
Architect—None.
Contractor—C. E. Burks, 4129 Randolph Ave., Oakland. $3600

FIRE REPAIRS
(647) 370-84 SECOND St., Oakland. Fire repairs.
Owner—Hunt Hatch Co., 2nd & Franklin Sts., Oakland.
Architect—None.
Contractor—Schnebly & Hostrauser, 6th & Jackson Sts., Oakland. $6281

DWELLINGS
(648) 2300-06-12-18 SIXTY-SECOND Ave., Oakland. 4 1-story 4-room dwellings.
Owner—A. T. Anderson, 9302 Birch St., Oakland.
Architect—None. $2500 each

FIRE REPAIRS
(649) 2017 VICKSBURG AVE., Oakland. Fire repairs
Owner—Freeman.
Architect—None.
Contractor—A. H. Rose, 525 17th St., Oakland. $1000

WAREHOUSE
(650) NE COR 3rd & WEBSTER STS Oakland. 1-story brick store and warehouse.
Owner—A. S. Day, 1420 Jackson St., Oakland.
Architect—None. $11,500

STORE
(651) N TWENTY-THIRD 100 E Webster, Oakland. 1-story conc. store.
Owner—V. A. Hancock, Peralta Apts. Oakland.
Architect—None.
Contractor—H. J. Christensen, 505 17th St., Oakland. $8000

BUILDING
(652) SE COR NINTH & ALICE STS., W 70th S 75, Oakland. 2-story conc. building.
Owner—E. F. Euphrat (Richmond Sanitary Mfg. Co.)
Architect—John H. Powers, 460 Montgomery St., San Francisco.
Contractor—Cahill Bros., 110 Sutter St., San Francisco.
Filed Feb. 13, 1923. Dated Feb. 1, 1923.
1st floor joists in place 50%
Completed and accepted 25%
Usual 35 days 25%
TOTAL COST, $13,000
Bond, $13,000; Sureties, Grace Cahill; Forfeit, none; Limit, 60 days; Plans and specifications filed.

DWELLING
(653) NO. 3004 ACTON ST., Berkeley. One-story 5-room dwelling.
Owner—M. Poquette, 1045 45th St., Oakland.
Architect—None.
Contractor—M. J. Corley, 820½ 22nd St., Oakland. $3300

DWELLINGS
(654) NO. 1115 ADDISON ST., Berkeley. Five one-story 3-room dwlgs.
Owner—W. A. Gentry, 2915 Grove St., Berkeley.
Architect—None $1500 each

DWELLINGS
(655) NO. 2215 AND 2219 DERBY ST., Berkeley. Two one-story 5-room dwellings.
Owner—Jas. W. Brazier, 1912 Blake St., Berkeley
Architect—None. $3000 each

DWELLINGS
(656) NO. 1901 and 1903 McGEE ST., Berkeley. Two one-story 4-room dwellings.
Owner—W. J. Mortimer, Shattuck and Center Sts., Berkeley.

Architect—None.
Contractor—F. W. Thaxter, 3029 Regent St., Berkeley. $3000 each

DWELLING
(657) NO. 2016 NINTH ST., Berkeley. One-story 5-room dwelling.
Owner—C. J. Fehr, 2014 9 St., Berkeley.
Architect—None.
Contractor—John Holm, 2815 9th St., Berkeley. $3265

DWELLING
(658) NO. 10 TANGLEWOOD ROAD, Berkeley. Two-story 9-room dwlg.
Owner—A. H. Babcock.
Architect—Meyer & Johnson, Bankers' Investment Bldg., San Francisco.
Contractor—E. F. Henderson, 5744 Keith Ave., Oakland. $10,000

DWELLING
(659) SW COR ATHOL & PROSPECT, Oakland. 2-story 7-room dwelling.
Owner—A. Hendrickson, 6458 Raymond St., Oakland.
Architect—None. $6000

DWELLING
(660) 6116 BROMLEY AVE., Oakland. 1-story 4-room dwelling.
Owner—R. Cantua, 2126 38th Ave., Okd.
Architect—None.
Contractor—Neil Fenand, 1806 38th Ave Oakland. $2500

DWELLINGS
(661) 5049 & 5055 CONGRESS AVE., Oakland. 2 1-story 6-room dwlngs.
Owner—J. G. Hart, 2419 E-20th St., Okd
Architect—None. $4500 ea.

DWELLING
(662) N DAMUTH ST. 250 E Lincoln, Oakland. 1-story 5-room dwelling.
Owner—W. B. Wilson, 3665 Fruitvale Ave., Oakland.
Architect—None. $3500

DWELLING
(663) 4015 DIVISION ST., Oakland. 1-story 6-room dwelling.
Owner—J. P. Gallagher, 1010 60th St., Oakland.
Architect—None.
Contractor—Gallagher & Krueger, 1010 60th St., Oakland. $4000

DWELLING
(664) 1375 EXCELSIOR AVE., Oakland. 1-story 6-room dwelling.
Owner—Brown & Stenbro, 1707 Bdwy., Oakland.
Architect—None. $3500

ALTERATIONS
(665) 579 18th St., Oakland. Alteration and repairs.
Owner—Associated Milk Producers, 53 Clay St., San Francisco.
Architect—None.
Contractor—O. W. Britt, 180 Jessie St., San Francisco. $2000

DWELLING
(666) 1363 EXCELSIOR, Oakland. 1-story 5-room dwelling.
Owner—Brown & Stenbro, 1707 Bdwy., Oakland.
Architect—None. $3000

DWELLING
(667) 5467 EL CAMILE AVE., Oakland 1-story 5-room dwelling.
Owner—J. D. Fennelly, 2910 E-22nd St., Oakland.
Architect—None. $3700

ALTERATIONS
(668) SE COR FOURTEENTH & CLAY Sts., Oakland. Alterations.
Owner—Kohler & Chase, 14th & Clay Sts., Oakland.
Architect—None.
Contractor—E. C. Graff, 1326 Webster St., Oakland. $3500

DWELLING
(669) 5631 FLEMING AVE., Oakland. 1-story 5-room dwelling.
Owner—J. Moyle, 2482 63rd Ave., Okd.
Architect—None. $3000

DWELLING
(670) 5721 GROVE ST., Oakland. One-story 6-room dwelling.
Owner—J. W. Winton, Oakland.
Architect—None.
Contractor—S. W. Jones, 5829 Lawton Ave., Oakland. $5000

STORE
(671) 4426 GROVE ST., Oakland. 1-story store.
Owner—A. Frombetta.
Architect—None.
Contractor — P. Garella, 870 47th St., Oakland. $2000

DWELLING
(672) W HERMAN ST. 200 N Ayala, Oakland. 1-story 4-room dwelling.
Owner—R. Villata, 454 42nd St., Oakland.
Architect—None.
Contractor — P. Garello, 870 47th St., Oakland. $2500

DWELLING
(673) 2327 HIGH ST., Oakland. 1-story 5-room dwelling.
Owner—J. G. Hart, 2419 E-20th, Okd.
Architect—None. $4500

DWELLING
(674) 4133 LYON AVE, Oakland. 1-story 5-room dwelling.
Owner—Brown & Stenbro, 1707 Broadway, Oakland.
Architect—None. $3000

ELECTRIC SIGN
(675) MUNICIPAL AUDITORIUM, Okd Electric sign.
Owner—City of Oakland.
Architect—None.
Contractor — Federal Elec. Co., Oakland. $3500

DWELLING
(676) W MIDVALE 160 N Kansas, Oakland. 1-story 4-room dwelling.
Owner—E. C. Winnie, 1933 E-22nd St., Oakland.
Architect—None. $2250

SMOKE HOUSE
(677) 488 NINTH ST., Oakland. Brick smoke house.
Owner—J. Nichall, 1721 4th Ave., Oakland.
Architect—None.
Contractor—N. Lena, 2257 Encinal Ave., Oakland. $1250

STORES
(678) NE COR PARK BLVD & E-Eighteenth St., Oakland. 1-story 3-room stores.
Owner—M. P. Brasch.
Architect—None. $6000

STORES
(679) NE COR PARK BLVD & E-Eighteenth St., Oakland. 1-story 2-room stores.
Owner—M. P. Brasch, Am. Bank Bldg., Oakland.
Architect—None. $4000

DWELLINGS
(680) 2333-28 ROSEDALE AVE., Oakland. 2 1-story 4-room dwlgs.
Owner—R. E. Reeves, 1505 37th Ave., Oakland.
Architect—None.
Contractor—Percy Ward, 4016 Lyon St., Oakland. $2250 ea.

DWELLINGS
(681) 1540, 1550, 1560 SEVENTY-NINTH Ave., Oakland. 3 1-story 5-room dwellings.
Owner—Wm. H. Sims, 1940 42nd Ave., Oakland.
Architect—None $2800 ea.

DWELLING
(682) W SIXTIETH AVE 36 S Tevis, Oakland. One-story 4-room dwlg.
Owner—C. E. Rutledge, 4241 23rd Ave., Oakland.
Architect—None.
Contractor—A. McDonald, 1239 E-14th St., Oakland. $1000

ALTERATIONS
(683) NO. 681 SIXTY-SECOND ST., Oakland. Alterations.
Owner—G. G. Reed, Premises.
Architect—None. $2000

ALTERATIONS
(684) NO. 609 SIXTY-FIRST ST., Oakland. Alterations and additions.
Owner—L. Bontet, Premises.
Architect—None.
Contractor—H. A. Moe, 4115 Allendale, Oakland. $1500

DWELLING
(685) W SIXTIETH AVE 160 S Scenic Way, Oakland. One-story 5 room dwelling.
Owner—E. O. Newman, 2316 Buena Vista Ave., Alameda.
Architect—None. $2700

ALTERATIONS
(686) NO. 418 THIRTEENTH ST., Oakland. Alterations.
Owner—Richard Simons, Premises.
Architect—None.
Contractor—Mullen Mfg. Co., 64-68 Rausch St., San Francisco. $4426

FLATS
(687) W WALKER AVE 50 S Weldon, Oakland. Two-story 10-room flats.
Owner—H. P. Fisher, Syndicate Bldg., Oakland.
Architect—None. $9000

DWELLING
(688) E WELDON AVE 354 N Lakeshore, Oakland. One-story 6-room dwelling.
Owner—Mrs. C. L. Mott, Oakland.
Architect—None.
Contractor—Edwin C. Graff. $4500

(689) S MONTEREY AVE Lot 21 Blk 7, Map Northbrae, Berkeley. All work for one-story 5-room dwlg.
Owner—Grove E and Anne M. Herrmann, 1717 Allston Way, Bkly.
Architect—None.
Contractor — C. M. Norgrove, 2220 Roosevelt St., Berkeley.
Filed Feb. 14, '23. Dated Jan. 29, '23.
Roof sheathed ..... ¼
Plastered ..... ¼
Completed and accepted..... ¼
Usual 35 days..... ¼
TOTAL COST, $4688
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

DWELLINGS
(690) NO. 3110 AND 3112 SAN JOSE Ave., Alameda. Two one-story 5-room dwellings.
Owner—Reichel & Bradhoff, 2509 Clement Ave., Alameda.
Architect—None.
Contractor—M. H. Fish, 1333 Fountain St., Alameda. $3500 each

DWELLING
(691) NO. 1461 STANAGE ST., Berkeley. One-story 4-room dwelling.
Owner—Mrs. Johnson.
Architect—None.
Contractor — R. E. Reeves, 1505 37th Ave., Berkeley. $1800

DWELLINGS
(692) NO. 1351, 1345 and 1349 FERNside Blvd., Alameda. Three one-story 5-room dwellings.
Owner—J. G. Kearney, 1332 High St., Alameda.
Architect—None.
Contractor—J. J. Gooden, 2901 Santa Clara Ave., Alameda. $3000 each

ADDITION
(693) NO. 1615 SAN JOSE AVE., Alameda. Addition.
Owner—H. Landsberger, Premises.
Architect—None.
Contractor—V. E. Thorp, 1718 Alameda Ave., Alameda. $900

DWELLING
(694) NO. 3235-39 ACTON ST., Berkeley. Two one-story 5-room dwellings.
Owner—G. W. Owens, 1105 Santa Clara Ave., Alameda.
Architect—None. $3500 each

DWELLINGS
(695) NO. 1200, 1204, 1208 AND 1212 Blake St., Berkeley. Four one-story 5-room dwellings.
Owner—C. E. Meader, 3070 Maine St., Oakland.
Architect—None. $2600

ALTERATIONS
(696) SE COLLEGE AND ALCATRAZ, Berkeley. Alterations.
Owner—Mrs. J. Neal, 3301 College Ave., Berkeley.
Architect—None.
Contractor—J. E. Shalzer. $1000

DWELLING
(697) NO. 1728 FIFTH ST., Berkeley. One-story 5-room dwelling.
Owner—William Stevens, 1726 5th St., Berkeley.
Architect—None.
Contractor—E. B. Forsyth, 1131 Kains Ave., Albany. $1200

ADDITION
(698) NO. 2311 JEFFERSON AVE., Berkeley. Addition.
Owner—C. Mollath Jr., Premises.
Architect—None.
Contractor—Mason-McDuffie Co., Shattuck Ave. & Addison St., Berkeley. $1000

DWELLING
(699) NO. 2224 ROSE ST., Berkeley. One-story 6-room dwelling.
Owner—Emil Person, 1927 Prince St., Berkeley.
Architect—None. $4500

DWELLINGS
(700) 5557-07 BROOKDALE, Oakland. 2 1-story 6-room dwellings.
Owner—R. C. Hillen, 5364 Trask, Okd.
Architect—None. $4000 ea.

DWELLINGS
(701) 6521-33-45-51-63-26-38-56 & 5700 Brookdale, Oakland. 9 1story 5-rm. dwellings.
Owner—R. C. Hillen, 5364 Trask, Okd.
Architect—None. $3500 ea

DWELLINGS
(702) 5514-50-62-09-15-27-39-12 & 5712-20 Brookdale, Oakland. 9 1story 6 room dwellings.
Owner—R. C. Hillen, 5364 Trask, Okd.
Architect—None. $4000 ea.

DWELLING
(703) S BROOKSIDE AV 150 W Florence, Oakland. 1-story 4-room dwlg
Owner—Rose E. Boynton, Hermosa & McAdam, Oakland.
Architect—None. $1500

DWELLING
(704) E CLAREMONT AVE 600 N Chabot Rd., Oakland. 1-story 5-rm. dwelling.
Owner—Paul Schnoor
Architect—None.
Contractor—Dildine & Knight, 378 63rd St., Oakland. $5000

DWELLINGS
(705) 5701 & 5706 BROOKDALE, Oakland. 2 1-story 4-room dwellings.
Owner—R. C. Hillen, 5364 Trask, Okd.
Architect—None. $3000 ea.

ADDITION
(706) 404 E-FOURTEENTH ST., Oakland. Addition.
Owner—Chas. Bennett, premises.
Architect—None. $4000

DWELLINGS
(707) W FIFTH AVE 50 N E-20th St., Oakland. 2-story 8-room dwelling.
Owner — A. Andreaen, 1216 Hopkins, Oakland.
Architect—None.
Contractor—J. B. Petersen, 2053 38th Ave., Oakland. $8000

DWELLING
(708) 521 FAIRBANKS AVE., Oakland 1-story 6-room dwelling.
Owner—Bert R. Shrader, 6 Van Buren Court, Oakland.
Architect—None.
Contractor—Mervin P. Rose, 940 Oxford, Oakland. $7500

DWELLING
(709) 4236 FOOTHILL BLVD, Oakland 1-story 3-room dwelling.
Owner—Mrs. S. T. Burnett, 4233 Foothill Blvd., Oakland.
Architect—None. $1500

SERVICE STATION
(710) NE COR E-FOURTEENTH AND 39th Ave., Oakland. 1-story steel service station.
Owner—E. Smith, 672 Mission St., S. F.
Architect—None.
Contractor—A. L. Auseon, 122 Bay Pl., Oakland. $1000

GARAGE
(711) 476 HOBART, Oakland. 1-story tile garage.
Owner—J. Gold.
Architect—None. $2000

DWELLING
(712) NE COR PORTER AND MAYbelle, Oakland. 1-sto. 5-room dwlg
Owner—E. C. Pullen, 3201 38th Ave., Oakland.
Architect—None.
Contractor—E. J. Chandler, 3660 Allendale, Oakland. $2800

DWELLING
(713) N PIPPIN ST. 45 E Pear St., Oakland. 1-story 4-room dwelling.
Owner—J. F. Chambers, Plaza Bldg., Oakland.
Architect—None. $2250

DWELLING
(714) N E-SIXTEENTH ST 125 W 28th Ave., Oakland. 1-story 5-room dwlg
Owner—E. O. Francis, 3940 E-14th St., Oakland.
Architect—None. $3000

DWELLING
(715) 1472 SEVENTY-THIRD AVE., Oakland. 1-story 5-room dwelling.
Owner—Alfred Johnson.
Architect—None.
Contractor—Johnson & Winther, 1802 65th Ave., Oakland. $2500

DWELLING
(716) 3758 SUTTER ST., Oakland. 1-story 5-room dwelling.
Owner—W. T. Helsler, 2744 22nd Ave., Oakland.
Architect—None.
Contractor—F. P. Wells, 4034 Porter St. Oakland. $2950

DWELLING
(717) E TWENTY-NINTH AVE., 25 S E-12th St., Oakland. 2-story 5-room dwelling.
Owner—Lillie & Leo Krumel 2525 Eagle Ave., Alameda.
Architect—None.
Contractor—Jos. Flittner, 1700 35th Av. Oakland. $4240

DWELLING
(718) E WHITTLE AVE. 275 N Wilbur Oakland. 1-story 4-room dwelling.
Owner—D. H. Farnsworth, 1163 Wellington, Oakland.
Architect—None. $1000

OFFICE, ETC.
(719) LOTS 14 TO 23 inclu Blk 86 A complete Map of Oakland, Julius Kellersberger, Surveyor, Oakland. Asbestos roofing for three-story and basement office and factory building.
Owner—Hebern Electric Code, Inc., Bk. of Italy Bldg., Oakland.
Architect—Reed & Corlett, Oakland Bank of Savings Bldg., Oakland.
Contractor—Western Asbestos Magnesia Co., 25 South Park, S. F.
Filed Feb. 15, '23. Dated Feb. 13, '23.
On 10th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $1950
Bond, $975. Surety, Union Indemnity Co. Limit, April 18. Forfeit, none. Plans and specifications filed.

(720) ORNAMENTAL IRON AND bronze work on above.
Contractor—C. Frauneder, 335 8th St., Oakland.
Filed Feb. 15, '23. Dated Jan. 8, '23.
Payments same as above.....
TOTAL COST, $1675
Bond, $838. Surety, Union Indemnity Co. Limit, April 15. Forfeit, none. Plans and specifications filed.

(721) GLAZING ON ABOVE.
Contractor—W. P. Fuller & Co., 259 10th St., Oakland.
Filed Feb. 15, '23. Dated Jan. 8, '23.
Payments same as above.....
TOTAL COST, $4925
Bond, $2463. Surety, Union Indemnity Co. Limit, 5 weeks. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Accepted

Feb. 10, 1923—E ROSE AVE 185 N Linda Ave N 51.45 E 118.2 S 48.43 W 104, Piedmont. W H Schubert to Carl C Lassen.....Feb. 10, 1923

Feb. 10, 1923—SE FIFTY-FOURTH Ave and Crittenden, St., Oakland. Catherine Burns to whom it may concern.....Feb. 10, 1923

Feb. 10, 1923—E SEMINARY AVE 55.35 S Brass, 50x110, Oakland. Christ H Vanderbyl to Oakley & Kolmodin .....Feb. 8, 1923

Feb. 9, 1923—LOTS 4 AND 6 BLK 5, Central Park, Berkeley. R B Church to Harry Ahnefeld..... .....Feb. 28, 1923

Feb. 9, 1923—BELROSE & DERBY, Berkeley. S J Kitzmiller to Walter Murch.....Jan. 30, 1923

Feb. 13, 1923—LOT 24 BLK "B" Lakeshore Hills, Oakland. Oscar E Nelson to whom it may concern.. .....Feb. 10, 1923

Feb. 13, 1923—NO. 1078 UNDERHILL Road, Oakland. J D Stigen to H M Barnett .....Jan. 9, 1923

Feb. 13, 1923—SW HIGH AND FOOThill Blvd 36x79, Oakland. Martin Eggers to A H Rose...Feb. 10, 1923

Feb. 13, 1923—COR. BROADWAY & Sheridan Road, Oakland. James A and Theresa Lindsay to Barrett & Hilp.....Feb. 6, 1923

Feb. 13, 1923—NO. 723 FIFTY-SEcond St., Oakland. W E Fuller to whom it may concern.Jan. 20, 1923

Feb. 13, 1923—LOT 141 Crocker Highlands, Oakland. G K Bacon to whom it may concern..Feb. 12, 1923

Feb. 13, 1923—NW COR. DIVISION & E-38th Sts. N 90xW 50, Oakland. Grace Shoemaker to J M Hogan.. .....Jan. 1, 1923

Feb. 13, 1923—E SACRAMENTO 100.375 N Francisco N 35xE 90., Berkeley. D L Heim to whom it may concern.....Feb. 10, 1923

Feb. 13, 1923—LOT 37 BLK "F" Map Northtbrae Terrace, Berkeley. C E Carlson to whom it may concern.....Feb. 10, 1923
Feb. 14, 1923—LOT 7 Map Woodbine Court, Oakland. Peter Ness to whom it may concern.....Dec. 1, 1922
Feb. 14, 1923—LOT 26 BLK "G" Map Northtbrae Terrace, Bkly. Stanley Rapp to B F Woolley...Feb. 13, 1923
Feb. 15, 1923—NO. 2417 BROWNING, Berkeley. Philip Duval to whom it may concern.....Feb. 6, 1923
Feb. 15, 1923—NO. 2416 BROWNING, Berkeley. Philip Duval to whom it may concern.....Feb. 6, 1923
Feb. 15, 1923—NO. 1732 SAN PEDRO Ave., Berkeley. Edmund W Cooke to whom it may concern. Feb. 14, '23
Feb. 15, 1923—LOT 148 Map 4th Ave. Terrace Extension, Oakland. John E Murphy to whom it may concern.....Feb. 13, 1923

LIENS FILED

ALAMEDA COUNTY

Recorded Accepted
Feb. 10, 1923—HIGHLAND HOSPITAL, Oakland. N Clark & Sons vs M C Vaughan, and Alameda County $48,695
Feb. 10, 1923—N TALBOT 150 W Dartmouth, Albany. W S Cooper vs Lou and Cora M Smith....$42.50
Feb. 10, 1923—LOT 2 Map Crocker Terrace, Piedmont. Rigney Tile Co vs Thomas N River, G Polati & D Muzzio $328.27
Feb. 13, 1923—LOT 52 BLK 9, Map Steinway Terrace, Oakland. Wm J Finn vs Joe Hogan and L M Biller $110
Feb. 13, 1923—NW DIVISION AND E-38th N 90xW 50, Oakland. Wm J Finn vs Joe Hogan and Grace Shoemaker $111.50
Feb. 13, 1923—N E-THIRTY-EIGHTH 50 W Division N 90xW 50, Oakland Wm J Finn vs Joe Hogan, B G Bail and Joseph K Khoumrian..$115
Feb. 14, 1923—N 50 OF S 118-8½ LOT 1 Blk "A" Prospect Hill Tract, Berkeley. Kawneer Mfg Co vs E F Slack and R Edgar Campbell..$44.40
Feb. 14, 1923—LOT 52 BLK 9 Map Steinway Terrace, Oakland. Joseph Ring and J Goldfarb vs Louis M Biller, H G Bail & J K Khoumrian $88
Feb. 14, 1923—LOTS 21 AND 22 Map Fourth Avenue Terrace, Oakland. Joseph Ring, Dan Evans and J Goldfarb vs B G Bail, J K Khoumrian and Grace Shoemaker...$180.25
Feb. 15, 1923—105TH AVE and NE Pontiac NW 240 fm pt beg NW 200 NE 100, Oakland. M Friedman & Co vs Nannie Catching and Frank Johnson $28.74
Feb. 15, 1923—NE FORTY-THIRD & Grove E 90xN 50, Oakland. V Montano vs Rowena Heald, W G Ahlfs and Dora and T P Fay....$116

Notice of Non-Responsibility

ALAMEDA COUNTY

Feb. 9, 1923—SW 12-6 LOT 14, all Lot 15 Blk 22, Map Key Route Heights, Oakland. Alameda Investment Co as to improvements on property...
Feb. 9, 1923—LOT 45 Map Resub. Blk C Meek Estate Orchards, Eden Tp. H W Meek Etate, Inc. as to improvements on property.....
Feb. 14, 1923—LOT 126 Map Resubdivision Blks A and B Meek Estate Orchards, Eden Tp. H W Meek Estate, Inc. as to improvements on property.....

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded Amount
Feb. 9, 1923—LOT 21 Map Sunnyside Tract, San Leandro. Ambrose Bros to Marla G Avella $248
Feb. 9, 1923—NW SUNNYSIDE DR. 603 N7 E-Fourteenth NE 40 NW 181.70 SW 40 SE 181.68, San Leandro. A R Johnston to Darling-Harding Co. and Mary G. Avellar.. .....$140
Feb. 9, 1923—S ASHMOUNT AVE 680 W Mandana Blvd, 83-8x114-5, ——. Kawneetr Mfg Co to A M Bowser et al .....
Feb. 10, 1923—LOT 24 BLK 8, Map Berryman Tract, Berkeley. R McDermott to H W Fincke and Jane E Fincke $260
Feb. 13, 1923—W FOURTEENTH AV intersection E-27th St. and Vallecito Place, Oakland. Daniel Hart to R De Baere and wife.....$367.52

BUILDING CONTRACTS

FRESNO COUNTY

$5,000 and Over Reported

EXHAUSTER BLDG.
NEAR TEHAMA ST. AND BUTTON Ave. 75x75 ft., Fresno. All work for exhauster building.
Owner—Pacific Gas & Electric Co., 1353 J St., Fresno.
Architect—None.
Contractor—Fisher & McNulty, Mattei Bldg., Fresno.
Filed Feb. 7, '23. Dated Jan. 27, '23.
Monthly payments of..... 75%
Usual 35 days..... 25%
TOTAL COST, $4443
Bond, $2225. Surety, Mass. Bonding & Insurance Co. Limit, 30 days. Forfeit, none. Plans and specifications filed.

DWELLING, one and one-half-story 6-room frame and garage, $5900; No. 1417 37th St., Fresno; owner, W. J. Atkinson, 2324 Castro Way, Fresno; contractor, G. L. Danger, 1300 37th St., Fresno.
WAREHOUSE, $50,000; No. 458 P St., Fresno; owner, Prescott Brick & Lumber Co.; Rowell Bldg., Fresno; contractor, Trewhitt & Shields, Rowell Bldg., Fresno.
TWO dwellings, $10,500; No. 538-546 Echo Ave., Fresno; owner, G. W. Wilkinson; contractor, G. W. Wilkinson.
DWELLING, $5000; No. 4102 Platt Ave. Fresno; owner, L. J. Berg, 1935 Merced St., Fresno.
DWELLING, $7000; No. 835 Voorman St., Fresno; owner, Paul Strange.
DWELLING, $6000; No. 720 Cambridge Ave., Fresno; owner, J. F. Fitzgerald, 370 San Pablo; contractor, H. T. Humphrey.
DWELLING and garage, $6000; No. 1578 Wilson Ave., Fresno; owner, E. L. Smith; contractor, Yarnell & Garges, 1026 S-Fourth St., Fresno.
ADDITIONS and altsrations, $27,000; No. 1352 H St., Fresno; owner, F. M. Helm, Inc., Sequoia Club, Fresno contractor, Minard & Casteel, 144 Effie St., Fresno.

COMPLETION NOTICES

FRESNO COUNTY

Recorded Accepted
Feb. 5, 1923—LOT 4 E 15 ft. Lot 5 Blk 4, North Calwa Addn, Fresno. F R Anderson to whom it may concern.....Jan. 27, 1923
Feb. 6, 1923—LOT 28 E ½ LOT 27 Blk 16, Belmont Addition, Fresno. Emil Ahlstrand to whom it may concern.....Feb. 6, 1923
Feb. 6, 1923—SW 100 FT. LOTS 27 to 32 Blk 122, Fresno. Armenian Evangelic Church to whom it may concern.....Jan. 15, 192
Feb. 6, 1923—LOT 6 BLK 4, Boulevard Gardens No. 2, Fresno. J A Schlotthauer to whom it may concern.....Feb. 5, 192
Feb. 6, 1923—LOTS 7 AND 8 BLK 4, Van Ness Heights, Fresno. H W Kuhlke to whom it may concern.. .....Feb. 5, 192
Feb. 7, 1923—LOTS 21 AND 22 BLK 2, Recreation Park, Fresno. Jack L Norton to whom it may concern.....Feb. 6, 192
Feb. 7, 1923—LOTS 39 AND 40 Blk 20, College Park, Fresno. Pearl E Foss to whom it may concern... .....Feb. 6, 192
Feb. 8, 1923—N ½ OF LOTS 1 AND 2, St. Clair. J E York to whom it may concern.....Feb. 7, 192
Feb. 8, 1923—LOTS 9 AND 10, Prichard Place, Fresno. J C Prichard to whom it may concern...Feb. 7, 192
Feb. 8, 1923—LOTS 16 AND 17 BLK 3, Kleinhurst. M D Bishop to whom it may concern.....Feb. 1, 192
Feb. 9, 1923—LOTS 33 AND 34 Prichard Place, Fresno. B G Townsend to whom it may concern. Feb. 8, 192
Feb. 9, 1923—LOT 23, Maple Park, Fresno. D E Collins to whom it may concern.....Feb. 8, 192
Feb. 10, 1923—E ½ LOT 21, Meadow Brook Tract, Fresno. Elizabeth Soligian to whom it may concern .....Feb. 3, 19
Feb. 10, 1923—LOTS 13 AND 14 BLK 4, Van Ness Heights, Fresno. W R Thomas to whom it may concern.. .....Feb. 9, 19
Feb. 10, 1923—LOTS 10 AND 11 BLK 2, Vernon Park Addition, Fresno. Berton & Wolfe to whom it may concern.....Feb. 5, 19
Feb. 14, 1923—S 50 FT. OF W 50 FT. Lot 16, Normal Acres, Fresno. R W Poindexter to whom it may concern.....Feb. 5, 19
Feb. 14, 1923—LOTS 15, 16 AND 17, Blk 8, Roeding Heights, Fresno. Irma M Humphrey to whom it may concern.....Feb. 13, 19
Feb. 14, 1923—LOT 18, North Van Ness Tract, Fresno. O J Woodward Jr to whom it may concern.. .....Feb. 11, 19
Feb. 14, 1923—LOTS 40 AND 41 BLK 3, Lincoln Terrace, Fresno. J A Brown to whom it may concern... .....Feb. 10, 19

LIENS FILED

FRESNO COUNTY

Recorded Amou
Feb. 6, 1923—LOT 17, North Van Nes Tract, Fresno. Kutner-Goldstei vs Frances Meehan .....$
Feb. 7, 1923—S ½ OF SE ¼, S ½ O NW ¼ of SE ¼, NE ¼ of SW ¼ NE of road Sec. 8, 10-23, Fresno. Rosenberg vs J B and Minni Shook .....$
Feb. 8, 1923—LOTS 3 AND 4 BLK 7 Oakwood No. 2, Fresno. Johnso Nudt vs A Steele and L W Klein.$
Feb. 8, 1923—W ½ LOTS 11 AND 1 Blks 17, Alta Vista Tract, Fresn Evans Plumbing & Heating Co v R M and J Watson and Valle Constr Co $1
Feb. 8, 1923—W ½ LOTS 11 AND 1 Blk 17, Alta Vista Tract, Fresn Sunset Lumber Co vs R W and Watson and Valley Constr Co...
Feb. 9, 1923—LOT 21 BLK 5, Boulevard Gardens No. 2, Fresno. Rosenberg vs S Sales.....$
Feb. 9, 1923—LOTS 15 AND 16 BLK Altamont Addition, Fresno. Rosenberg vs C Lamothe .....
Feb. 10, 1923—PTN W ½ OF SW of Sec. 18, 13-23, Fresno. Coun of Fresno vs E J Wells et al....

Feb. 10, 1923—FIFTH & HUNTINGton Aves., Fresno. W S Dean vs Ralph W Watson $95
Feb. 10, 1923—LOT 11 BLK 17, Alta Vista Tract, Fresno. Valley Hardware Co vs — Watson and Valley Constr Co.....$527
Feb. 10, 1923—LOT 22 BLK 2, Oakwood. Maisler Bros vs R E Dalton $44
Feb. 10, 1923—LOT 13 BLK 3, Oakwood. Maisler Bros vs J H Kelley $49
Feb. 10, 1923—W 70.33 FT. LOT 5, Normal Villa, Fresno. Maisler Bros vs L A Jackson.....$617
Feb. 10, 1923—W 70.33 LOT 5, Normal Villa Tract, Fresno. Sunset Lumber Co vs Pearl E Foss and L A Jackson $912
Feb. 10, 1923—W 70.33 FT. LOT 5, Normal Villa, Fresno. Smith Hardware Co vs L A Jackson...$143
Feb. —, 1923—LOTS 23 AND 24 BLK 152, Fresno. W R Davidson vs Alberta Bauer $8000
Feb. 14, 1923—W 70.33 FT. LOT 5, Normal Villa Tract, Fresno. Arms & Gaskill Sales Co, $120; Craycroft McKnight Brick Co, $77 vs L A Jackson .....

BUILDING CONTRACTS

SACRAMENTO COUNTY

$2,500 and Over Reported

DWELLING, one-story 5-room and garage, $2500; No. 3117 43rd St., Sacramento; owner, F. W. Ford, 4317 8th St., Sacramento.
FLATS, two-story brick and concrete (4) four-room, $10,000; No. 2931 Sacramento Boulevard, Sacramento owner, H. Schmitt, 2927 Sacramento Blvd., Sacramento.
DWELLING, one-story 5-room stucco and garage, $4600; No. 2808 22nd St., Sacramento; owner, H. Smith, 2800 2nd St., Sacramento; contractor, Coleman & Holmes, 2624 35th St., Sacramento.
FLATS, 8, 2-story stucco, (3 rms. each), $20,000; owner, Amerl Hoffman, 1318 H St., Sacramento; contractor, W. L. Chatterton, 1032 42nd, Scto.
DWELLING, 1-story 5-room, and garage, $3500; owner, Thos. B. Hunt, 2926 S St., Sacramento.
DWELLING, 1-story 5-room, and garage, $3500; 3440 Serra Way, Sacramento; owner, Thos. B. Hunt, 2926 S St., Sacramento.
DWELLING, 2-story 7-room stucco, and garage; $9600; owner, E. P. Huston, 1010 8th, Sacramentp; contractor, W. V. Whitsell, 2916 H St., Scto.
DWELLING, 1-story 5-room, and garage, $3700; owner, Nellie Daroux, 822 14th St., Sacramento; contractor, Thos. B. Hunt,.
DWELLING, 5-room and garage, $4000; 3209 T St., Sacramento; owner Mary Edson, 3201 T St., Sacramento; contractor, Thos. B. Hunt, 2926 S St., Sacramento.
FLATS, 2, 2-story 6-room each, and garage; $11,500; owner, Gal Nathan, 1124 I St., Sacramento; contractor, W. R. Saunders, 2614 I St., Scto.
FLATS, 4, 2-story, 4 rooms each, and garage, $10,000; 816 22nd, Sacramento; owner, H. A. Worthe, 2125 I St., Sacramento; contractor, E. Winkelman, 2922 V St., Sacramento.
FLATS, 2, 2-story, 4-rooms each, and garage, $6760; 2315 F St., Sacramento; owner, C. Pearson, 2323 F St., Sacramento; contractor, W. R. Saunders, 2614 I St., Sacramento.
DWELLING, 1-story 5-room, and garage; $5000; 2733 6th Av.; own., J. C. Carley Co., 823 J St.; contractor, So. Curtis Oaks Co., 1749 Stockton Blvd Sacramento.
DWELLING, one-story 5-room and garage, $5000; No. 2717 6th Ave., Sacramento; owner, J. C. Carley Co., 823 J St., Sacramento; contractor, South Curtis Oaks Co., 1749 Stockton Blvd., Sacramento.
ADDITION to Sierra School, $26,300; 24th and 25th, Castro Way and 4th Ave., Sacramento; owner, Sacramento City School District; contractor, H. W. Robertson; dated, Jan. 24, 1923; filed, Feb. 7, 1923.
DWELLING, one-story 5-room and garage, $2500; No. 3217 43rd St., Sacramento; owner, F. W. Ford, 4317 8th St., Sacramento.
CONCRETE floor, truss roof to garage, $7000; No. 1627 K St., Sacramento; owner, B. S. Berry, 817 27th St., Sacramento.
DWELLING, one-story 5-room and garage, $3950; No. 3004 O St., Sacramento; owner, L. R. Plate, 1314 I St., Sacramento; contractor, S. T. Chimson, 2814 D St., Sacramento.
DWELLING, one-story 5-room and garage, $3000; No. 1054 Santa Ynez Way, Sacramento; owner, L. J. Miller, 1445 38th St., Sacramento.
DWELLING, one-story 6-room stucco and garage, $5000; No. 931 41st St., Sacramento; owner, J. D. Prugh, 916 Santa Ynez Way, Sacramento; contractor, J. P. Howell, 1837 47th St., Sacramento.
DWELLING, one-story 5-room frame, and garage, $3100; No. 900 7th Ave., Sacramento; owner, Elsie Shubert; contractor, R. P. Opdyke.
DWELLING, one-story 5-room and garage, $2500; No. 3109 43rd St., Sacramento; owner, F. W. Ford, 320 28th St., Sacramento.
DWELLING, one-story 5-room frame, and garage, $2500; No. 3109 43d St., Sacramento; owner, F. W. Ford, 320 28th St., Sacramento.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded **Amount**
Feb. 3, 1923—LOT 3, I, J, 7th and 8th Sts., Sacramento. B S Berry to Capital Constr Co.....Jan. 30, 1923
Feb. 7, 1923—FRANKLIN BLVD bet. 7th and 9th Aves., Sacramento. Sacramento City School District to whom it may concern..Jan. 22, 1923

LIENS FILED

SACRAMENTO COUNTY

Recorded **Amount**
Feb. 8, 1923—LOT 156 and W 16 ft. Lot 157, West Curtis Oaks Addn, Sacramento. Emigh Winchell Hardware Co vs Margaret M and W J. Gough.....$113.10
Feb. 3, 1923—LOT 156 and W 16 ft. Lot 157, West Curtis Oaks Add'n., Sacramento. Friend & Terry Lumber Co vs W J and Margaret Gough and Kilbourne & Egg.....$96,73

PIERCE-BOSQUIT
Abstract & Title Co.
Capital Stock $100,000
Sacramento, Placerville, Nevada City, Reno
SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

Feb. 5, 1923—LOT 6125, Mission Trecho, Sacramento. C O McFarland vs Augustus Gomes & Manuel P Raimundo $253.25
Feb. 6, 1923—LOT 290 Arcade Park, Sacramento. J V Smith vs T G Fowler and Arcade Park Co..$68.88
Feb. 6, 1923—LOT 290 Arcade Park, Sacramento. J W McLean vs T G Fowler and Arcade Park Co $82

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

$2,500 and Over Reported

RESIDENCE, $6000; No. 1010 W-Vine St., Stockton; owner, F. P. Dobson, 27 W-Oaks St., Stockton.
REMODEL building, $5000; El Dorado and Main Sts., Stockton; owner, L. Oneto.
RESIDENCE, $3000; No. 1673 E-Main St., Stockton; owner, O. B. Cheney.

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded Accepted
Feb. 3, 1923—LOT 2 BLK 1, Sbdvn No. 1, Tuxedo Park, Stockton. Leo Stadtner to M K Kelly..Jan. 29, 1923
Feb. 5, 1923—MANTECA UNION High School District, Stockton. Manteca Union Hight School to Latourette-Fical Co....Jan. 27, 1923
Feb. 8, 1923—LOT 8 BLK 1, West of Center St., Stockton. Luigi Luchetti and Antonio Delucchi to Domingo Bregante.....Feb. 1, 1923

BUILDING CONTRACTS

SANTA CLARA COUNTY.

$1,000 and Over Reported

COTTAGE, ETC.
W McGLAUGHLIN AVE about ¼ miles S Tully Road, San Jose. All work for one-story frame cottage and frame barn.
Owner—J. M. Zollars, 35 Hobson St., San Jose.
Architect—Chas. S. McKenzie, Bank of San Jose Bldg., San Jose.
Contractor—Megna & Newell, 864 N-17th St., San Jose.
Filed Feb. 5, '23. Dated Jan. 27, '23.
Frame erected $992.50
1st coat plaster on..... 992.50
Completion 992.50
Usual 35 days..... 992.50
TOTAL COST, $3970.00
Bond, none. Limit, 70 working days. Forfeit, none. Plans and specifications filed.

BUNGALOW
SW WEBSTER bet. University and Lytton Aves., Palo Alto. All work for five-rooom bungalow.
Owner—John L. Freitas, Palo Alto.
Architect—W. S. Couter & Co., Palo Alto.
Contractor—W. S. Couter & Co., Palo Alto.
Filed Feb. 3, '23. Dated Jan. 30, '23.
Foundation in $1250
under roof 1250
Completed 1250
Usual 35 days..... 1250
TOTAL COST, $6000
Bond, none. Limit, 95 working days. Forfeit, none. Plans and specifications filed.

RESIDENCE
ON YOSEMITE AVE. bet. Park Ave. and Tillman, Hanchett Residence Park, San Jose. All work for one-story frame residence and garage.
Owner—C. N. Berman, Monterey Road, San Jose.
Architect—Wolfe & Higgins, Auzerais Bldg., San Jose.

Contractor—Geo. Lindblom. 471 W-San Carlos St., San Jose.
Filed Feb. 6, '23. Dated Feb. 6, '23.
Frame erected $1243.25
1st coat plaster on..... 1243.25
Completed and accepted..... 1243.25
Usual 35 days..... 1243.25
TOTAL COST, $4973.00
Bond, $2500. Sureties, A. L. Hubbard and E. W. Schnabel. Limit, 75 working days. Forfeit, none. Plans and specifications filed.

GARAGE, concrete, $9000; River near Sta. Clara, San Jose; owner, Barnett & Phelps, 7 North 1st St., S. J.; architect, E. Hiatt, 1218 Delmas St., S. J.

COTTAGE, six-room, $3000; 16th St. near Emprise St., San Jose; owner, P. J. Pingel, 442 N-13th St., San Jose; architect, J. W. Forward, Brokaw Road ,San Jose.

COTTAGE, six-room, $3750; Park St. opp. Josefa St., San Jose; owner, G. Barcelona; architect, Wolfe & Higgins, Auzerais Bldg., San Jose; contractor, G. Leone.

ADDITION, $3500; Seventh and Jackson Sts., San Jose; owner, California Packing Corp, 101 California St., San Francisco; architect, Company Engineers.

COTTAGE, 4-room, $2500; S-12th St. nr. Virginia St., San Jose; owner, Joe F. Marques, 747 S-12th St., San Jose.

COTTAGE, 5-room, $2500; Delmas St. near Home, San Jose; owner, R. H. Burgess, 380 N-14th St., San Jose.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Accepted
Feb. 3, 1923—NW SHERMAN AND Humboldt Sts., San Jose. William H O'Neil to whom it may concern.. .....Feb. 2, 1923
Feb. 3, 1923—LOTS 7 AND 8 BLK 50, College Terrace, San Jose. James and Elizabeth Orr to whom it may concern.....Feb. 2, 1923
Feb. 3, 1923—26½ ACRES known as Williams Ranch about 1 mile N of Saratoga on E Saratoga-Mt. View Road. S P Williams to F C Nelson .....Jan. 29, 1923
Feb. 5, 1923—LOT 34, San Jose Park Tract, San Jose. Wm P Letourneur to E M Wallace.....Jan. 4, 1923
Feb. 5, 1923—E SECOND ST., bet. San Fernando & San Antonio Sts., San Jose. L C De Carli to John Gales .....Feb. 3, 1923
Feb. 5, 1923—NE ½ LOT 19 Cherryhurst Tract No. 2, San Jose. F Harold Vining to whom it may concern.....Feb. 1, 1923
Feb. 6, 1923—LOT 19 BLK 56, Naglee Park Survey No. 2, San Jose. Ivy E and H D McKenley to F J Huxtable .....Feb. 5, 1923
Feb. 6, 1923—E MT. VIEW ROAD nr Prospect Ave. (Orchard land). W Lloyd Conover to F W Freelyn... .....Jan. 28, 1923
Feb. 6, 1923—LOT 1 BLK 18, Sub of Lendrum & Brassy-Ahlers Tracts, San Jose. William McCall to whom it may concern.....Feb. 6, 1923
Feb. 7, 1923—LOTS 34 AND 35 Sander's Garden Tract Sub Blk 8, Cook & Branham Addition to San Jose. John Watson to Wilmott Bros... .....Feb. 6, 1923
Feb. 8, 1923—PTN BLK 83, City of Palo Alto. Leslie S Edwards to Santa Clara Valley Bldg Co..... .....Feb. 7, 1923
Feb. 8, 1923—LOT 13 BLK 28, Lendrum Tract, San Jose. Ferd Bardelmeier to Walter Furtwangler.. .....Feb. 8, 1923
Feb. 8, 1923—PTN LOT 3 BLK 92, Palo Alto. Robert C Moody to whom it may concern....Feb. 7, 1923
Feb. 8, 1923—PTN BLK 83, Palo Alto. Fred W Kruse to Santa Clara Valley Bldg Co.....Feb. 5, 1923
Feb. 8, 1923—S PAYNE AVE, P. O. Box 114, San Jose. Wm F Noethig to Howard S Waltz.....Feb. 6, 1923
Feb. 8, 1923—LOT 19 BLK 3 Map 1, Seales Addition, Palo Alto. Arthur V Thulin to whom it may concern .....Feb. 6, 1923
Feb. 9, 1923—NO. 501 S-SIXTEENTH St., San Jose. Frank A Crowell to H A Bridges.....Feb. 6, 1923

LIENS FILED

SANTA CLARA COUNTY

Recorded Amount
Feb. 5, 1923—NE THIRD & CHURCH Sts, Gilroy. E D Hollenback vs R Soward- $50
Feb. 5, 1923—NE CHURCH & THIRD Sts., Gilroy. Robinson Hardware Co vs R Soward $290.82
Feb. 5, 1923—BOUNDED ON N by land of Matasee, on E by land of Eckert, on S by land of Laumeister and on W by land of Cooney, et al (30 acres). John L Smith vs Mrs Louise Bimmerle $912.75
Feb. 3, 1923—2¼ ACRES OFF S Lot 4, Albright Sub of Lot 5 of Parr Tract in Rancho Rinconada de Los Gatos. A W Templeman vs L C De Bussy, G S De Bussy and W F Lumbard $193.08
Feb. 3, 1923—PTN LOT 4, Albright Sub of Lot 5 of Parr Tract Rancho Rinconada de Los Gatos. Pacific Mfg Co vs L C Bussy $1361.30
Feb. 7, 1923—NE ½ LOT 25 BLK 3, White's Addition, San Jose. Archie Keesling vs Emily and Alfred Madsen $181
Feb. 9, 1923—PTN LOT 3 BLK 38, Palo Alto. Homer J Langdon (as Sunnyvale Lumber Co) vs Rose M and Lillie B Carter.....$768.6
Feb. 9, 1923—LOTS 2 AND 19 and Ptn Lots 3 and 18 Blk 100, Palo Alto. Homer J Langdon (as Sunnyvale Lumber Co.) vs Gladys Gardener Peterson $1751.5
Feb. 9, 1923—LOTS 2 AND 19 and Ptn Lots 3 and 18 Blk 100, Palo Alto. Edward P & John P Cashel (as Cashel Bros.) vs Anson S and Gladys Gardener Peterson...$738.2

RELEASE OF LIENS

SANTA CLARA COUNTY

Recorded Amoun
Feb. 4, 1923—LOT 83 BLK 35, Home Investment Tract, San Jose. Hubbard & Carmichael Bros to Angelena Piola $40
Feb. 8, 1923—84 FT. W OF INTR. OF St. James and Tenth Sts, on St. James St. Lot 41x100 ft., San Jose. W A Mooers to Imogene Bugh..$4

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded Accepte
Jan. 6, 1923—LOT 9 PTN OF 10 BLK T Mission St Land Co. Homestead Realty Co. to whom it may concern .....Feb. 1, 192
Feb. 5, 1923—BURLINGAME, Burlingame Grammar School Dist. to F. E. C. Calter..... Feb. 2, 192
Feb. 6, 1923—NW COR BLGME AVE & Primrose Rd Burlingame, Cal. M Fleishaker to G. H. Arthur..... .....Jan. 31, 192
Feb. 8, 1923—LOT 23 BLK 37 EASTON No 2 Burlingame. W. O. Nicolaides to whom it may concern..Feb. 7, 192
Feb. 8, 1923—LOT 2 BLK 8 EASTON Add. Burlingame. Etta G. Savage to George M. Bobst....Feb. 1 192
Feb. 8, 1923—LOT 22 BLK 4 EASTON No. 1 Burlingame. May V. and Geo. E. Kormer to J. F. Stradling..... .....Feb. 6, 192
Feb. 9, 1923—LOT 5 BLK 48 EASTON No. 4 Burlingame. C. E. McDonald to whom it may concern.Feb. 29, 192
Feb. 10, 1923—LOT 15 BLK 1 BURlingame Terrace, Blgme. Lewis A. Nelson to Nelson & Shorker..... .....Jan. 1, 192

RELEASE OF LIENS

SAN MATEO COUNTY

Recorded Amoun
Feb. 7, 1923—LOT 7 BLK 37 LYON & Hoag Int. Burlingame. San Mateo Planing Mill vs. Wm. A. Sheehan and Chas. G. Adama.....$216.9

Larsen Construction Reports
Issued every business day of the year. Furnishes advance information on work projected and contracts awarded for all classes of building, street, sewer and highway projects, bridges, dams and harbor works, machinery, etc. Send for rates in your territory, advising class of work in which you are interested.
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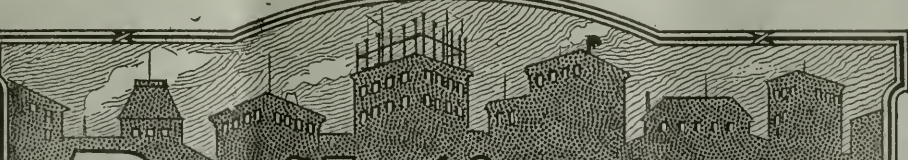

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Published Every Saturday
Twenty-third Year No. 8

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Board

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San Francisco **Los Angeles**

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday — SAN FRANCISCO, CALIF., FEBRUARY 24, 1923 — Twenty-third Year No. 8

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Richmond Builders' Exchange
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Fresno Builders' Exchange
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JANUARY CEMENT PRODUCTION

During January 1923 the cement mills of the country apparently operated at about 65 per cent of capacity with a total estimated production of 7,657,000 barrels of finished cement which is the largest output for that month on record and nearly 80 per cent greater than a year ago.

Shipments, which were much heavier than in any preceding January, amounted to 5,550,000 barrels, an increase of 89 per cent over January 1922. Thus stocks of finished cement in manufacturers' hands increased approximately 2,100,000 barrels and at the end of January stood at 11,285,000 barrels compared with an average of 10,725,000 barrels for the five year period 1919-1923.

Production of cement in January is restricted to some extent by reason of the fact that mills in some sections using the wet process of manufacture are unable to operate because of weather conditions. Also, numerous mills close down for repairs made necessary by the inherently rough usage to which equipment is subjected throughout the year.

The large shipments during January of this year are undoubtedly due to more general building activities as a result of an open winter in many sections than has been usual during winter months. Also partially to the fact that in some localities a greater amount is being stored for future use when heavy seasonal demands usually aggravate an already overtaxed transportation situation.

COAST LUMBER REVIEW

One hundred and thirty-two mills reporting to West Coast Lumbermen's Association for the week ending February 10, manufactured 95,046,965 feet of lumber, sold 114,239,497 feet, and shipped 121,002,987 feet.

Production for reporting mills was 7 per cent above normal. New business was 20 per cent above production. Shipments were 6 per cent above new business.

Thirty-two per cent of all new business taken during the week was for future water delivery. This amounted to 36,552,652 feet of which 28,051,652 feet was for domestic cargo delivery and 8,501,000 feet export. New business for delivery by rail amounted to 2437 cars.

Thirty-five per cent of the week's lumber shipments moved by water. This amounted to 42,776,142 feet, of which 31,200(296 feet moved coastwise and 11,575,846 feet overseas. Rail shipments totaled 2455 cars.

Local auto and team deliveries totaled 4,576,845 feet.

Unfilled domestic cargo orders total 169,464,252 feet. Unfilled export orders, 70,554,944 feet. Unfilled rail trade orders, 10,761 cars.

In the first six weeks of the year, production at West Coast Lumbermen's Association mills has been 513,783,361 feet; new business 678,880,522 feet; and shipments 623,163,138 feet.

WEYERHAUSER COMPANY PURCHASES KLAMATH MILL SITE

The purchase of the mill site in Klamath Falls, Ore., by the Weyerhauser Timber Company became known with the filing of a deed conveying to the company 265 acres on the Klamath River at Texum, four miles from Klamath Falls.

Two hundred and forty acres were purchased from Ed. Sutton and twenty-five acres from R. H. Dunbar. The consideration was $25,400.

When questioned concerning the purchase, J. F. Kimball, Klamath Falls representative for the Weyerhauser Company, said it would naturally be the policy of the company to protect itself against forthcoming developments. Millsites in the vicinity are becoming scarce, he said, and it was necessary for the company to prepare now for any contemplated developments.

While the immediate plans of the company are not being made public, it has been rumored that the Weyerhauser company was contemplating the establishment of a large sawmill and subsidary plants. The present purchase is considered to be a confirmation of these rumors, and to forecast the coming of what would probably be one of the largest industrial plants of its kind in this country.

MINING ENGINEERS ELECT

E. P. Mathewson of New York has been elected president of the American Institute of Mining and Metallurgical Engineers. T. T. Brewster of St. Louis and Frank M. Smith of Spokane, Wash., were elected vice-presidents. The directors include A. N. Diehl, Pittsburg, Pa.; Reno H. Sales, Butte, Mont., and S. W. Mudd, Los Angeles.

STEEL DEMAND IS EXCEEDING TOTAL OUTPUT

Chicago advices report that the demand for finished steel exceeds the production there, and many buyers have to shop the market in other districts quite extensively before they can find a mill to accept their orders. The amount of business being transacted throughout the country at the moment is less than it was during December and January, when business was so heavy; in fact, it has been falling off for two or three weeks past, but the volume of inquiry indicates a delay in orders rather than a lack of orders. On an average steel prices are only about 50% above prewar levels, but a rapid advance in the near future is a foregone conclusion. The leading interest has advanced its price on plates and shapes to 2.20 cents a pound, base Pittsburg. The independents are asking higher prices for plates, but one mill is still quoting 2.15 cents on shapes. The leading interest has not changed its quotation of 2 cents on bars, but is sold up, and the lowest independent price is 2.15 cents. As 1922 closed these three products were generally quoted at the uniform price of 2 cents, Pittsburg. It is expected that the Inland Steel Company will open its books for second-quarter business at 2.40 cents for plates, bars and shapes. The Cambria Steel Company has already announced an advance to 2.25 cents on the three heavy rolled products. The Pittsburg Steel Products Company has raised its seamless boiler tubes, 2-inch and larger, to $6 a ton, but sizes from 1 to 1¾-inch are unchanged. The base price for cast iron pipe of the United States Cast Iron Pipe & Foundry is $45 a ton, and this concern is booking considerable business.

There is an acute shortage in semi-finished steel, and in the face of this basic iron dropped half a dollar to $25.50 valley furnace during the past week. The anomaly cannot be for long, and an immediate and sharp advance in this grade of iron is anticipated. Bessemer iron advanced 25 cents a ton during the week, but outside of these two changes prices generally held firm. The pig iron market seems to be stabilizing. However, the iron market is quieter, the settlement of the coal controversy for another year putting an end to buying for stock and causing other consumers to delay purchases to see if lower fuel and prices would be enjoyed. Coke has dropped about half a dollar in the past week.

OAKLAND CIVIL SERVICE BOARD ANNOUNCES EXAMINATIONS

The Oakland Civil Service Commission, Chas. C. DeWolf, Secretary, Room 316, City Hall, Oakland, announces the following civil service examinations to be held on the dates noted:

Deputy Sanitary Inspector, Wednesday, March 14, 1923, $140-150 per month; Gutter Layer, Monday, March 19, 1923, $6.00 day; Library Substitute and Library Assistant, Wednesday, March 21, 1923, 50c hr., $75-$85 month limit and $90-$110 per month, respectively; Auto Electrician, Wednesday, March 28, 1923, $190 per month; Steam Roller Engineer, Wednesday, March 28, 1923, $9.00 day. Application blanks are obtainable from the office of the secretary.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

Enactment of a law forcing owners of timber lands outside national forest reserves in California to provide funds for the protection of their property by a tax levy of 4 cents an acre is advocated by John A. McGilvray, chief of the State Legislature Counsel Bureau. McGilvray declares the plan has the endorsement of a number of forest experts and that it is being considered by several members of the California Legislature. Owners of timbered lands outside of national forests in State control approximately $15,000,000 acres, he says.

Building construction in Philadelphia, Pa., this year will exceed $135,000,000, according to preliminary estimates based on amount of construction already scheduled to go ahead. Of this sum, about $60,000,000 will go into dwellings; $11,000,000 into new office buildings, $8,000,000 into public schools and $10,000,000 into factories and $5,000,000 into apartments. There is not a liberal supply of any building materials in sight and indications are that prices will increase rather than decrease.

Naming the Market Street Railway Company and the J. E. Higgins Lumber Company as defendants, C. W. Callaghan has filed suit in the Superior Court for $30,955 for injuries received August 9, 1922, in a collision at Sacramento and Larkin streets. Callaghan declares he was riding on a Sacramento street cable car on that date, when a truck owned by the Higgins Lumber Company collided with the car, throwing him to the ground, where he was run over by the truck.

Until the State Highway Commission's financial accounts are straightened out by an audit bureau, no new construction will be undertaken, according to an announcement of the Commission. Work under way will be continued. It is expected it will taken two months before a statement can be prepared to enable the Commission to know what amount is available for new construction.

The Santa Fe Railroad has been granted a permit by the Oakland City Council to construct a switching track, six blocks long, in First street between Jackson and Washington Sts. to connect the Santa Fe warehouses with the municipal docks. The work will cost approximately $50,000.

Early construction of five sub-stations in the San Francisco district is planned by the Pacific Gas and Electric Company, according to Wigginton E. Creed, president of the company. Construction will involve an expenditure of $1,000,000.

The Placer county supervisors, acting upon the recommendation of the 1922 Grand Jury, have commissioned W. H. Weeks, San Francisco architect, to prepare plans for a new county court house and hall of records building.

The Clark Hardware Co. has been organized at Chico with a capital stock of $75,000. Directors are: Liston Clark, Ruby M. Clark, H. D. O'Banion, Hattie M. O'Banion and Bert Snyder, all of Chico.

Suit of $7630 damages against S. F. Seminaro has been filed in the superior court at Sacramento by M. M. Falk, civil engineer. Falk declares he was an occupant of a machine owned by Sydney Stimpson, when has was injured by a collision with an auto stage. He charged the accident, which occurred near Mills station, was due to the negligent handling of a flock of sheep, which were being driven along the road by the defendant.

According to advices from Everett, Wash., loggers in the Puget Sound district have raised the prices of logs from $14, $19 and $26 a thousand feet to $15, $21 and $28.

The Sacramento Box and Lumber Co. of Sacramento has been organized with the following as directors: Kurt F. Setzer, Hazel H. Setzer, Walter W. Campbell, Jack Merriman and Charles Hesser. Company is capitalized at $75,000.

The U. S. Engineer Office, 85 Second St., San Francisco, will hold a public hearing March 6 on the application of the Rodeo Vallejo Ferry Company for a permit to construct a bridge across the Carquinez Strait. Plans for the structure are open for inspection at the above office.

Hall Bros. Cedar Co. announce the removal of its general offices from Jacksonville, Texas, to Coeur d'Alene, Idaho, where they will engage in the manufacture and the wholesaling of western red cedar posts, poles and piling.

The newly formed Federal Paving Co., with its principle place of business at Fresno, has filed articles of incorporation. The company is capitalized at $100,000 and has the following directors: T. A. Hanrahan, E. Stoneman and W. P. Hanrahan.

Carl M. Stevens, chief of the timber section of the bureau of internal revenue, has resigned, effective March 1. Stevens will hereafter make his home in Portland, Ore., where he will enter into partnership with David T. Mason. The new firm of Mason & Stevens will continue the forest engineering work with which Mason has been engaged, with Portland as headquarters, during the past two years.

Chas. T. Phillips, consulting engineer, 550 Montgomery Street, San Francisco, announces he has become associated with Fred B McNally, graduate mechanical engineer, who for the past six years was connected with the architectural firm of Bliss and Faville, of San Francisco.

Richard Sachse, chief engineer for the State Railroad Commission since 1916, has tendered his resignation, effective March 1. Sachse will accept the position of chief engineer of the Los Angeles Street Railway Company.

Wm. H. George, general manager of the Henry Cowell Lime & Cement Co. of San Francisco, has been elected president of the Martinez-Benicia Ferry Company. George succeeds the late J. J. McNamara as president.

ALONG THE LINE

Hamilton F. Gronen, ex-city commissioner of Tacoma, Wash., has been chosen to succeed Wm. J. Robbins as chief engineer for the inter-county river improvement project by King and Pierce counties. The work consists of straightening and improving the Puyallup river to take care of high water at flood time.

The Nevada City Trustees have passed an ordinance raising water rates from the municipal water system from $1.50 to $2.00 per month for residences. A corresponding raise was made for water furnished for all other purposes. The additional revenue will be used to pave city streets.

N. F. Lind, erecting engineer for the Pelton Water Wheel Co. of San Francisco, has left for New York en route to Valparaiso, Chile, where he will supervise the installation of a hydro-electric plant.

Harold O. Sexsmith, Architect, has closed his offices in Seattle, Wash., to accept a position on the teaching staff of the school of architecture of the University of California, Southern branch.

W. C. Lefebvre, county engineer of Pima county, has been appointed engineer for the Arizona state land board. Nelson Davenport succeeds Lefebvre in charge of the Pima county highway department.

John W. Carrigan, Los Angeles attorney, has been appointed to succeed A. H. Naftzger, deceased, as Industrial Accident Commissioner.

John Ellsworth Blout, nationally known construction engineer, died at the home of his daughter in Pasadena, Calif., February 20 at the ago of 93 years. Remains have been shipped to Chicago for burial.

FISHER BROS. OF STOCKTON PLAN NEW PLANING MILL

Fisher Bros. of Stockton have purchased a site at the intersection of East street and Weber avenue, Stockton, and plan to erect one of the most complete planing mill plants in the San Joaquin Valley. Approximately $100,000 will be expended in the plant, according to A. H. & F. T. Fisher, owners.

The site, triangular in shape, has a 16 foot frontage in Fair Oaks street, 66 feet in East street and 600 feet along the Southern Pacific in Weber avenue. The new plant will comprise an office and storage building, 66x150 feet; a second storage building for finished lumber and mouldings, 100x150 feet and a mill plant 100 x150 feet. The remainder of the site will be used for general storage purposes permitting the company to carry a complete stock of materials to meet every demand.

All buildings will be of frame construction with galvanized iron roofs, concrete floors and stucco exteriors.

ORGANIZATION NEWS

ARIZONA CONTRACTORS ORGANIZE A. G. C. CHAPTER

Arizona Chapter, Associated General Contractors of America, recently organized with headquarters at Phoenix, Ariz., now has a dozen leading contracting firms engaged in building and engineering construction enrolled. Leo Weaver is secretary and manager of the Chapter. Following are the members:

Arizona Willite Paving Co., Tucson; Geo. B. Singleton, president and general manager.

Clinton Campbell, Phoenix; general building contractor.

Lynn S. Atkinson, Jr., Phoenix; general contractor.

The Home Builders, Inc., 124 N First Ave., Phoenix; J. F. Tracy, vice president and general manager; general building contractors.

J. J. Garfield, Tucson; general building contractor.

S. P. Gillis Engineering Co., Phoenix; S. P. Gillis, president; general contractors, specializing on smoke stacks.

Kisselburg & Schmidt, Central Ave., and Apache, Phoenix; road contractors.

Pacific Construction Co., Home Builders Bldg., Phoenix; paving contractors; C. H. Kent, general manager.

Phoenix-Temple Stone Co., Phoenix and Tempe; sand, gravel, crushed rock and stone for general building.

The Herbert Mann Building Co, Phoenix, general construction.

T. B. Stewart Construction Co., Phoenix; general building contractors.

Whalley Lumber Co., Globe; Wm. E. Whalley, president and general manager; general building contractors.

H. C. Legg of the H. C. Legg Machinery Co., industrial and construction machinery, is an honorary member.

SHORT TERM APPRENTICESHIP DESIRED BY BUILDERS

The building up of an American apprenticeship system was urged by Max Bauman, of New York City, at the annual convention of the National Association of Builders' Exchanges held in DesMoines, Iowa. Bauman maintains that a sound apprenticeship system sponsored by employers would build up a sound labor organization.

A strong attempt was made to have the convention endorse the open shop or American Plan. A resolution was endorsed favoring the shortening of the term of apprenticeship in the production of mechanics. Elimination of "hazardous guessing on construction work" was advocated by John Dahlman, of Milwaukee.

Following officers were elected by the Association to serve for the ensuing year: Wm. F. Chew, president; David T. Riffle, Pittsburg, first vice-president; Robt. Reisinger, Milwaukee, second vice-president; Thos. L. Davis, Youngstown, Ohio, treasurer.

Reading, Pa., has been selected as the city for the 1924 convention.

SAN DIEGO BUILDERS ELECT

W. E. Gibb has been elected president of the San Diego Builders' Exchange for 1923. Walter Trepte is vice president; Dennis J. Miller, treasurer and J. W. Harrison, secretary. These officers and Alex Schreiber, H. J. Hunter and Jerry Sullivan, Sr., comprise the board of directors.

STATE AUTO ASSN. HIGHWAY POLICIES APPROVED

Highway policies providing for early completion of the State system of roads on a business basis, which were adopted by the California State Automobile Association and its Advisory Council, are meeting with general approval Northern and Central California.

The State Highway Commission has already approved the policies and H. J. Brunnier, chairman of the Good Roads Committee of the Association, has received endorsements from the California Hotel Association, Auburn Chamber of Commerce, Associated Chambers of Commerce of Siskiyou County and the Redding Chamber of Commerce. Scores of similar endorsements are expected during the coming week. The Advisory Council of the Association includes the leading good roads advocates of Northern and Central California.

The policies recommended against additions to the State system during the present legislative session; urge an immediate detailed engineering and economic study prior to the submission of another bond issue to complete the system; advocate expenditure of the remaining funds on adequate grades and drainage structures, preference being given to the order of designation in the former bond issue; recommend a gasoline tax as a substitute for the present inequitable horsepower tax; a 22,000 pound weight limit on State roads and a force of State traffic police.

BUILDING MATERIAL PRICES WILL GO HIGHER

The cost of building material will soar still higher this spring, although the general level of prices is higher now than a year ago, M. T. Bannigan, president of the National Builders' Supply Association, declared in an address before the annual convention of the organization at Chicago, recently.

Bannigan blamed the increase in prices to increased freight rates, the cost of labor, strikes called on manufacturers and material dealers by their workmen and the increased cost of doing business.

"The total building during 1922 amounted to about $4,500,000,000 in value," he said. "This was an increase of 40 per cent over 1921."

An increase in building during 1923 over 1922 was predicted by other speakers.

ALAMEDA BUILDERS' EXCHANGE SELECTS SLOGAN

"When You Invest, Employ the Best"

This is to be the slogan of the 400 members of the Builders' Exchange of Alameda County. This slogan, suggested by F. D. Brown of 401 Athol avenue, Oakland, was selected out of 1100 answers to a contest held the past three weeks by the Builders' Exchange under the supervision of E. W. Shaw, Secretary.

The 1100 people who took part in the contest sent answers from many California cities and from Nevada. Second and third honors in the contest went to M. M. Moore, 2235 Eighth Ave., Oakland, and Herbert S. Smith, 2333 Channing Way, Berkeley.

The slogan is to be used by all members of the Exchange in their advertising.

BILL SEEKS TO ABOLISH NEVADA STATE HIGHWAY COMMISSION

Road contractors from every section of Nevada state are in Carson City to discuss the provisions of the new state highway bill introduced in the Legislature as an administration measure and which does away with the highway commission and places the department in charge of the state highway engineer. The contractors take the position that a commission is necessary to function as a tribunal to pass on misunderstandings that may arise between the highway engineer and the builders. Without a commission, they say, the highway engineer would be supreme and his word would be final in all matters except that of the governor, who, under the bill as drawn, would be authorized to approve all administrative acts of the engineer. The highway committees of the two houses already have agreed to the bill that would have the effect of perpetuating the commission.

RENO BUILDERS TO ESTABLISH 1923 WAGE SCALE

A committee of contractors to be appointed by the Washoe County (Reno, Nevada) Builders' Exchange, will likely meet with a committee of like number appointed by the Buildnig Trades' Council and the building committee of the Reno Chamber of Commerce to determine upon a wage scale for 1923, if a recommendation made by the building committee of the latter body is favorably acted upon.

Seven members of the building committee of the Chamber of Commerce have been in conference with officials of the Building Trades' Council offering suggestions and seeking to hold a number of committee meetings as a means of outlining some plan to avert any possible wage dispute which might tie up building operations during the present year.

It is reported that the carpenters propose to ask an advance of $1 a day and the electricians a similar amount. Other crafts will probably seek increases.

EAST BAY CONTRACTORS SEEK SQUARE DEAL

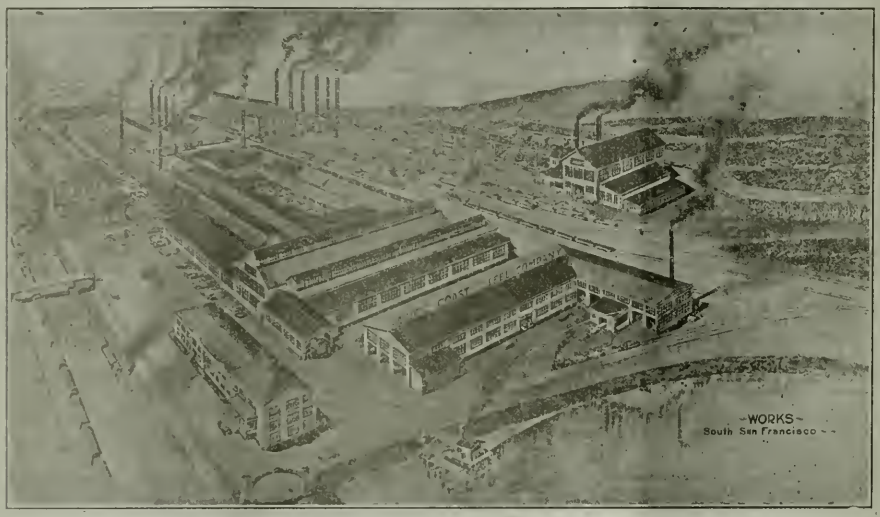
Acting on the request of the Oakland Merchants' Exchange, the Berkeley City Council has adopted a resolution impressing on the state's representatives at Washington the importance of seeing that local contractors are given an opportunity to bid on work in connection with the proposed Alameda Naval Base.

F. D. Parson of the Merchants' Exchange Manufacturers' Committee in a letter to the council declared "that ordinarily on these large government contracts a selected few with friends and influence at Washington secure all the plans as soon as they are out and the outsider's time is so short that he is unable to prepare a bid. It should be impressed on the senators and representatives of Congress from this State the importance of seeing complete sets of plans and specifications relating to the contracts are available for local contractors."

The Oakland City Council will be asked to pass resolutions favoring the view of the Exchange.

FROM MILL TO BUILDING

A HOME INDUSTRY PRODUCT



Rolling Mill of the Pacific Coast Steel Company, South San Francisco.

Altered economic and social conditions find often expression in a different building style and create quite frequently new industries.

These forces were it that during the last few years brought a new type of factory into existence, and incidentally produced our modern steel window industry.

The rising price of labor power, and keen competition, on the one hand, forced the employer to look around for means of economy and increased efficiency in his workshop, creating the demand for well lighted working floors.

A more liberal and humane attitude towards the employees, on the other, called attention to the necessity of good ventilation.

The older forms of factory construction consisted of more blank wall space than windows, while the new idea tends towards the elimination of all dead walls, leaving only a more skeleton, sufficiently strong to support upper stories and roof construction, thus giving unlimited access to air and sunshine.

The wooden window was not capable of adaption to this new scheme. In large panels they were not rigid enough, the ventilating costs were extremely high, and a great deal of the window space was taken up by the wide, wooden members. In damp weather they often warped and lost their shape, or began to swell and stick.

It was for these reasons that at this stage of the window development the designer turned towards steel as the proper material for his ideal factory building.

And while thinking now in terms of "efficiency in the shop" and "better working conditions," for which a higher price in building construction would be fully warranted, he got a good surprise.

Instead of increasing the expense of the building, the new idea actually resulted in economy. The steel window proved to be cheaper than the wooden window, and also cheaper than the solid wall.

With reference to the comparative cost of steel and wooden windows it might be proper to make here the following suggestion: After adding the price of the steel window, complete with ventilators and mullions, to the almost negligible cost of installation, the computation of the price of the wooden window should be made to include wooden window, sash, frame, hardware, etc., plus carpenter labor for fitting and installation.

The result will be in a good many cases a real eye-opener.

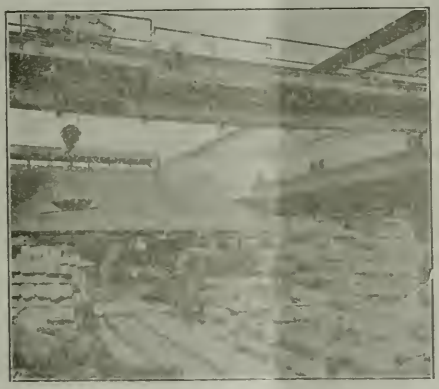
After this fact was once recognized the steel window began its triumphant march, and on low buildings the roof, on high ones the walls were changed into glass panels, which were quite properly called "Window walls."

For good measure, another advantage of the steel window was incidently thrown into the bargain. When equipped with wire glass, the steel window proved to be an excellent fire barrier.

In this same combination—steel windows with wire glass—the window might be continued farther down towards the floor without danger that an act of negligence might cause breakage of glass and frame. This type of window, with the sill about one foot above the floor, is very valuable in all those places where quite a deal of work is done and tools and parts are left right on the floor, as, for instance, in garages, machine shops, etc.

Electrically operated charging machine, which pushes the charges of scrap, pig, flux, etc., into the furnaces at the beginning of the Open Hearth process.

Seventy-five tons of molten steel are handled at one time by this ladle, which is operated by an electric crane. The ingot moulds are seen at the right, ready to receive the pour.



After the ingots are poured they are stored with the number of the pour marked on the side. Each pour is analyzed and when a particular steel is needed the ingots are carried to the rolling mill by the magnetic crane.

Combined 18-inch and 22-inch mills. The ingots are rolled to billets on the 22-inch mill and the billets are then transferred to the 18-inch mill and rolled to finished bars.

Although originally designed for use in factories, workshops and warehouses, steel windows of different designs are now installed in schools, gymnasiums and auditoriums, on sun porches, roof gardens and in basement windows, as inside partitions in offices and warehouses, in boiler rooms, power houses, gasoline stations and comfort stations, and with the muntins set close together, as a combination window and window guard.

Our Local Manufacturers

In the manufacturing centers of our Eastern states the use of the steel window in building construction had become quite general before the builder on the Pacific Coast began to employ it. The retarding factor was the price of the window as sold on the Pacific Coast.

Eastern manufacturers had to add quite substantial transportation and handling charges to their original sales prices, and, besides this, not having any local competition to deal with, they were at times tempted to exact a prohibitive price.

During the last few years, however, the manufacture of steel windows has developed into one of the important industries on the Pacific Coast, reducing the price of this essential article to about one-fourth of what it was only two years ago.

The pioneer in the steel sash business of the Pacific Coast was the U. S. Metal Products Company of San Francisco, who began the manufacturing of these windows about nine years ago in conjunction with their hollow metal and Underwriters windows. Their goods appeared on the market under the trade name, "Met-Prod-Co."

The "Michel & Pfeffer Iron Works," also of San Francisco, followed along similar lines some six years later, selling their sash under the trade name "California Steel Windows."

Both firms began the fabrication of steel sash, with material imported from Eastern Rolling Mills, similar in design to the sash bars used by most of the Eastern sash-factories, having a small moulding on the face of the bar. The windows constructed with this material proved to be strong and of good appearance.

But two shortcomings of these "moulded" section bars were soon apparent.

A good many of our California industries, like Packing Houses, Canneries, Creameries and Bakeries, especially when located in the interior valley, required a good deal of ventilation during the hot summer months, together with the proper safeguard against the unhygienic fly. That meant ventilators with screen protection.

The price of the "Eastern Made" screens for moulded section sash, however, is so high that the required number of vents was installed in such places only where the costs were no object.

The Standard T-bar

To overcome this handicap the Michel & Pfeffer Iron Works introduced a steel window built of standard T-bars, the flat surface of this member permitting the installation of a much cheaper and better facia screen. These screens are manufactured of copper screening, held in a galvanized steel frame. They are fastened securely and tightly to the sash with a number of brass screws tapped into the framing. This method also makes it easy to remove the screens during the winter months, if this is desirable.

This new design enabled the local manufacturer to reduce the cost of a screened ventilator to such a point that they now sold, the window, plus ventilators, plus copper screening, for less than what heretofore had been charged for the ordinary galvanized wire screen alone.

The use of this flat surface T-bar helped incidentally in the overcoming of the other drawback noticed in moulded-section sash, i. e., the danger of corrosion of the steel bars, especially when used in the coast cities, where salt air and moisture prove quite destructive to any iron work that catches or holds this moisture.

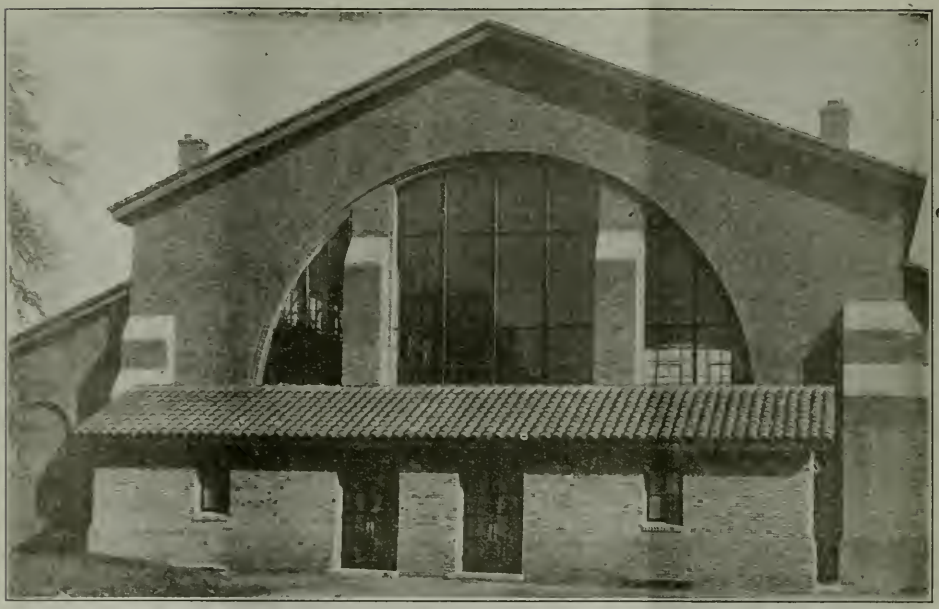
The flat T-bar creating no obstruction for the down flow of the water at the crossings of the muntins proved to be the ideal solution.

Our Friend—the Rolling Mill

After these new windows had passed the experimental stage, and proved a success in every respect, the Michel & Pfeffer Iron Works approached the Pacific Coast Steel Company, with rolling mills in South San Francisco, Portland and Seattle, with the request to roll sash bars especially adapted to the use in windows.

A bar was designed, having a narrower facia than the standard T, to give a maximum glass surface, and the backing rib was deepened to give more stiffness to the window panel.

The flat weather side feature of the standard T-bar was retained and a bar created that proved equally successful for the dif-



Basketball Pavilion at Stanford University, Palo Alto, Calif.
Metprodco Steel Sash used in building the large circle head windows in both ends of building. Bakewell & Brown, Architects.

ferent conditions of Coast cities and interior valley towns.

Incidentally, by this friendly co-operation of the rolling mill, this steel window became a true native son, traveling from a California Rolling Mill through a California Workshop into California Buildings. In many respects this proved to be quite an advantage to Architect, Engineer, Builder and Owner.

Lower Prices and New Designs

The first to be noticed was naturally the lowering of the price, and as a consequence thereof the extended use of steel sash in all kinds of building construction. Where heretofore the use of steel sash was confined to a few substantial concrete and brick buildings, the owner, who saves, places now these steel windows in his cheap frame sheds, saving in the price of the window, and more still in the cost of installation.

And Architects and Engineers, who had to rely before on steel windows of Eastern Factories and were either tied down to the standard stock size or were "penalized" in price, and delay in delivery, for laying out openings, in keeping with their general design, gained now freedom of action in design.

As the local manufacturers enabled the Architect to follow out his own ideas in laying out fronts, an ever increasing number of them are now taking advantage of this by placing "Met Prod Co" and "California Steel Windows" in their specifications.

Another very essential advantage is derived through the quickness of service. The standard sizes are carried in stock and can be delivered immediately. All "Specials" may be fabricated on short notice with a nominal additional cost. On large rush jobs especially this proves to be very advantageous. On the Crystal Palace Market, for instance, the bulk of the windows were taken out of stock, but as the building progressed a number of unforseen changes had to be made to satisfy new tenants. Having the steel sash factory right here, these changes could be made without delaying the rapid progress of this great enterprise.

Crystal Palace Market, San Francisco
Building equipped with California Steel Windows.
D. C. Coleman, Architect

Burglar-proof Sash

The use of the steel window as a "burglar protection" was another problem that for its successful solution demanded a local factory.

To fabricate these windows for stock was out of the question, as the various designs and many different types would require a stock on hand that would be out of proportion to the amount of sales.

They are made "burglar proof" by a closer spacing of the horizontal and vertical muntins, in some cases 8"x8", or 7"x10", or whatever may be desired.

They may be used to good advantage in all such places that are easily accessible to burglars, like basement and garage windows, sleeping porches, etc., and especially on all openings in the rear of the building, in blind alleys and on roofs that can not be properly watched from the street.

Printers' Building, San Francisco
Equipped with California Steel Windows.
O'Brien Brothers, Architects.

They are recommended for various reasons.

By being a combination of window and window guard, and being cheaper than a wrot-iron or wire guard alone, they naturally appeal to the owner who wishes to economize. But besides this, they give a better protection than a wire guard could give and, not having any obstruction in front of them, the glass is easier kept clean. For ventilators a padlock attachment is furnished, and, if properly designed, these "burglar proof" windows will give a better appearance to the building than windows that are covered with guards.

Galvanized Sash

Another very essential new feature of our local steel sash industry is the low priced galvanized sash.

As the repainting of the windows at regular intervals is often neglected, an absolute rust proof covering becomes a necessity wherever the danger of corrosion is great, as, for instance, in places where steam and vapors cause a good deal of condensation, and in all coast cities where fog and salt air prove destructive to all exposed iron work.

The prices for galvanized sash from Eastern factories are so high that these galvanized windows are hardly in existence, except in the price lists.

The quotations of our local manufacturers, however, bring this highly desirable covering within the reach of every builder—this initial cost being lower than a single repainting job, after the glass is once installed.

The process used in the galvanizing of these steel windows is the hot process, i. e., the windows are dipped in a tank of molten zinc.

This "Hot Galvanizing" process creates the only perfect and reliable coating and is an absolute prevention of deterioration through rust.

It has been successfully used in San Francisco and other Coast cities on Fire Escapes, Power Transmission Towers, Wireless Towers, on pipes, etc., etc.

The 20" pipe line, e. g., running through the San Francisco Bay, and bringing the water from Alameda County into San Francisco, has been galvanized under this process by our local Galvanizing Works some twenty years ago, and is at the present time as good as it was when dropped into the salt-water waves of the Bay.

The first galvanized fire escapes, which were installed about 18 or 19 years ago, are today in the same condition as they were when erected.

How important and valuable an asset this covering is may be recognized by the fact that 60% of the entire zinc production of the United States is used for rust protection.

If we look around in our homes we find the W. I. water pipes, our sheet metal gutters, leaders and cornices, all covered with zinc, applied to these articles by the hot process.

A good many different substitutes for this kind of covering have been tried out—and have been abandoned.

No special paint covering the surface of the steel—no metal alloy contained in the body of the bar—no metal covering applied by the electric process to the surface, can withstand the corroding influence of salt air and water.

They might be corrosion-retarders, but they give protection only for a very limited space of time.

The "Hot Galvanized" process, however, makes the covered article practically indestructible and eliminates the painter, except where color is desired for decorative purposes.

Thus, reducing the cost of upkeep—the unpainted hot-galvanized sash is the only logical window in warehouse, manufacturing plant or workshop.

New Bar-sizes and Construction of Sash

The sash-bars, as rolled by the Pacific Coast Steel Company, are solid, one-piece sections of low carbon steel. The muntins have a ⅝" facia and are 1⅛" deep, while the framing member is 1⅛"x1⅛". Both of them are rolled heavier than most of the Eastern sections.

Their narrow facia permits a maximum passage of light and gives the window a neat appearance, at the same time eliminating from the weather side all projections that catch water and hasten corrosion.

If painted in bright colors, like light blue or verdi antique, the window will also give distinction to the building.

The backing rib, on the other hand, is designed deep enough to give maximum strength against wind pressure and the necessary rigidity.

The angle frame member affords a continuous bearing of ⅝" in concrete or brick wall, for sash anchorage, securing the window all around and evenly against wind pressure and allowing ⅜" space between wall line and sash frame to take up irregularities in the window opening, also giving clearance to ventilators which abut on the outside sash frame.

The process of joining the horizontal and vertical muntins, by leaving the facia of the uprights intact, gives least opportunity for moisture to enter and cause corrosion.

All joints are solidly welded, forming thus one rigid window panel.

The muntins are riveted into the framing member.

With this construction there exists no danger of bending the sash, or the ventilators, out of shape.

With reference to the ventilators, it may be said that their best guarantee consists in the simplicity of their construction.

They are thoroughly weather- and windproof, a special gutter section forming a continuous channel all around the vent, giving a double weathering-contact of straight surfaces on all sides. The condensation is carried downward in this gutter section and at the sill of the vent through weep holes to the outside.

The hinges are solid blocks, or of pressed steel, and external hinges, pivoting the vent 2" above the center, except where a flat facia wire screen is desired. Then the vents are hinged at the bottom.

An adjustable staybar with slotted hole draws the vent evenly and snugly shut when pushed down for closing.

Union Oil Building, Los Angeles
Metprodco Reversible Steel Windows used throughout this building.
Aleck Curlett, Claude Beelman, Architects. MacDonald & Kahn, Contractors.

All ventilators are carefully fitted and tested before leaving the factory, eliminating the expensive adjustments on the building.

The mullion bars have vertical slot holes, corresponding to horizontal slot holes in the framing members of the windows, which facilitates the erection and permits accurate leveling.

For holding the glass in the window, four special spring steel clips are furnished for each light. The elasticity of these glazing clips permits the glass to expand without breaking.

The painting of the windows is done by dipping the whole panel in a paint vat, thus filling all joints, giving a good coating and incidentally reducing the cost of production.

"Over 1000"

There are now more than one thousand buildings in San Francisco and vicinity equipped with windows of the "Met Prod Co" and "California Steel Window" type, and quite a number of them have been shipped to the Hawaiian and Philippine Islands, as well as up and down the coast.

BAKERSFIELD BUILDERS START ADVERTISING CAMPAIGN

The Bakersfield Builders' Exchange has adopted the advertising system of the Sacramento Builders in an effort to secure the confidence of the public. On Saturday, February 17, the two leading newspapers in Bakersfield carried a double-spread, two-page, article in which F. N. Scofield outlined the building activities in Bakersfield and vicinity for the past ten months. Mr. Scofield's article was accompanied by photographs of the more important structures erected in Kern county during the past year. The three million dollar building program in that section during the past ten months, Scofield says, is due to the successful operation of the "American Plan" carried out under the direction of the Industrial Association of Bakersfield.

"The experience of the builders of Kern county under the American Plan has proven, without a single exception, that greater efficiency is possible under the American Plan than was formerly possible under the closed shop," says Scofield. "Not only has work been done more efficiently and with greater facility, but building costs for the same quality of work have been materially reduced. The results have been brought about without a reduction in wages and with no increase in hours of labor per day."

STATE ENGINEER McCLURE SEEKS OFFICE RE-ORGANIZATION

Reorganization of the state department of engineering and irrigation in the interest of economy and efficiency is recommended by W. F. McClure, head of the department, in his biennial report filed with Governor Richardson.

McClure urges that the Governor submit a reorganization program to the Legislature at the next session providing for the appointment of a board of five to handle the judicial functions of the office. Increased duties and responsibilities of the commission make it imperative that the chiefs of the department have such a board to assist him, the report states.

The attorney general, state superintendent of banks and three other members to be appointed by the governor, would constitute the proposed board.

McClure's statement to the governor also recommends an appropriation of $[illegible] for the coming biennial for rectification of river channels.

HOUSE PASSES COLUMBIA BASIN SURVEY FUNDS

A bill authorizing an investigation and report to Congress on the feasibility of the Columbia river basin irrigation project in the State of Washington and its bearing on the Umatilla irrigation project has been passed by the House. The bill now goes back to the Senate because of amendments added by the House.

The investigations would be made by the Secretary of the Interior. The sum of $150,000 is provided for the survey.

1923 Building Activities Will Pass 1922 Mark

The year 1923 has started with a fair prospect of maintaining and possibly exceeding the unprecedented building record of 1922, according to a national building survey just completed by S. W. Strauss & Co.

The survey includes building records of 206 cities, the records of 175 of which are comparable with 1922 figures. An important fact is the small seasonable decline between December and January in 175 cities, amounting to only $36,145,895, which is an unusual situation in the history of the American building industry.

The January total of new buildings and alterations in 175 cities, was $196,114,052 as against $143,829,108 for January 1922, a gain of $52,284,942, or 37 per cent. The total for January in 206 principal cities was $207,469,017, which on a conservative basis would make the total for the whole country approximately $294,000,000.

January comparisons show that 126 cities made gains and 49 showed losses as compared with the same month last year. The borough of Brooklyn made a larger gain than any city in the country, the amount being $18,243,147, or 135 per cent.

Eight cities showed gains of more than $2,000,000 between January, 1923, and January, 1922, as follows: Chicago, $10,620,050; Cleveland, $3,481,950; Detroit, $2,549,896; Los Angeles, $3,283,349; Louisville, $2,998,625; New York, $18,411,981; Philadelphia, $2,092,780; Washington, D. C., $2,121,411.

Five other cities made gains of more than $1,000,000 as follows: Newark, $1,012,697; Pittsburgh, $1,275,096; St. Louis, $1,450,796; Springfield, Mass., $1,038,455; Tacoma, $1,238,334.

The building material price situation for the country at large did not point radically in January toward a decided increase or decrease. Prices on many materials varied according to locality, indicating influences which related largely to local stock on hand and freight conditions. Large builders who keep in close touch with prospective material prices, and who have construction projects in hand were not delaying completion of their plans with even the hope that prices will soon change to any great extent. The labor situation was improved during the month by the fact that spring contracts with various building crafts were being rapidly signed, generally upon the scale prevailing last year, with slight advances in some cities. Elimination of the old bonus system is being effected under the new contracts, and employers and unions are harmonious on the need of greater cooperation and efficiency to maintain a high production for the entire year.

LUMBERMEN PROTEST FORESTRY BUDGET CUTS

Asserting that those who made Governor Richardson's budget were apparently "victims of a great deal of misinformation," C. Stewell Smith, secretary-manager of the California White and Sugar Pine Manufacturer's Association, has forwarded a letter to the Governor protesting abandonment of the State Board of Forestry's fire prevention work.

The Governor was urged by Smith to call a consultation of forestry experts and those whose interests are identified with the lumber industry with a view of revising the budget.

Smith scored the bill, which provides for a "practical" forester rather than a "technically trained" forester as chief of the department.

CAST IRON PIPE PRICES 1902 TO 1922

The following tabulation from the Jan. 4 issue of The Iron Age shows the average prices by years for 6-in. cast iron pipe at New York:

Year	Price per net ton	Year	Price per net ton
1902	$27.28	1913	$23.37
1903	28.81	1914	20.90
1904	24.17	1915	22.94
1905	27.79	1916	31.62
1906	31.38	1917	55.31
1907	32.37	1918	60.65
1908	25.94	1919	57.27
1909	25.44	1920	73.98
1910	24.74	1921	54.69
1911	21.24	1922	51.44
1912	22.48		

LUMBER DRYING INVENTION

Invention of a super-heating device for use in lumber dry-kilns by Prof. Bror L. Grondal of the University of Washington, College of Forestry, has greatly decreased the time required for drying lumber in approximately 30 lumber mills of the Northwest. In some instances the time required for drying lumber by this process has been reduced from between 60 and 80 hours to 22 hours.

Douglas fir, Prof. Grondal says, can be dried most rapidly and effectively through the use of the super-heated steam but the ordinary kiln consumes too much steam and time. The professor invented the scheme of arranging the circulation of steam through expanding nozzles in order to decrease the time and increase the efficiency of the process. The invention has been patented and is now being marketed.

JANUARY STEEL SALES

Structural steel sales by American companies during January continued to increase, according to a report of the Commerce Department. Sales for the month, based on reports from 168 firms, amounted to 75.2 per cent of capacity, as compared with 57.8 per cent for December. Estimated total bookings for the entire country for January were 188,000 tons, which is the largest amount since last May, when the total was 204,500 tons, or 81.8 per cent of shop capacity.

Steel Sash Need Hot Galvanizing

San Francisco Galvanizing Works

1176 Harrison Street

Building News Section

APARTMENT HOUSES

Contract Awarded.
APARTMENTS Cost, $30,000
SAN FRANCISCO E Sutter 100 S Golden Gate Ave.
Three-story and basement frame (12) apartments.
Owner—M. T. O'Brien.
Architect—H. C. Baumann & E. Jose, 251 Kearny St., San Francisco.
Contractor—J. E. O'Brien, 1207 1st Ave., San Francisco.

Plans Completed.
APARTMENTS Cost, $19,500
SAN FRANCISCO, S Grove 86 W Buchanan.
Two-story and basement frame (9) apartments.
Owner—Mrs. Ellen Reite, 825 Monadnock Bldg., San Francisco.
Architect — J. C. Hladik, Monadnock Bldg., San Francisco.

Contract Awarded.
ADDITION Cost, $13,776
OAKLAND, Alameda Co., Cal. W Piedmont Ave. opp. Montell St.
Two-story 19-room addition to apartments (7 apts.)
Owner—Mrs. Alma Petersen, 90 Rio Vista Ave., Oakland.
Architect—None.
Contractor—Fred Hamilton, 3737 13th Ave., Oakland.

Contract Awarded.
APARTMENT HOUSE Cost, $27,035
BERKELEY, Alameda Co., Cal., S W Ashby Ave. & Dwight Way.
Two-story class C store and apt. house.
Owner—G. A. Mattern, 100 Tunnel Rd., Berkeley.
Architect—Louis M. Upton, Clunie Bldg. San Francisco.
Contractor—Walter Sorensen, 3221 Ellis St., Berkeley.

Plans Being Completed.
APARTMENTS Cost, $25,000
FRESNO, Fresno Co., Cal. NW Van Ness Ave and Cambridge St.
Two-story frame and stucco (8) apartments 40x70 ft.
Owner—J. E. Lamoure.
Architects—Ernest J. Kump Co., Rowell Bldg., Fresno.

Contract Awarded.
APARTMENTS Cost, $41,000
SAN FRANCISCO, Grove St bet. Franklin and Gough Sts.
Three-story frame apartment house (9 and 9 2-room apts.)
Owner—J. Demaestri.
Architect—O. R. Thayer, 110 Sutter St., San Francisco.
Contractor—E. K. Nelson, 4837 Geary St., San Francisco.

Contract Awarded.
APARTMENTS Cost, $43,000
SAN FRANCISCO, SW 3rd & Perry Sts.
Three-story and basement brick (14) apartments.
Owner—J. Lurce and A. Kutner.
Architect—Albert W. Burgren, 110 Sutter St., S. F.
Brick work to Carl Hogberg, 180 Jessie St., S. F.
Sewers, plumbing and gas fitting to W. J. Thomsen, 1728 Sacramento St., S. F.
Painting, tinting and wall paper to C. E. Smith, 150 Jessie St., $1568.
General contract to Finn Andersen, 180 Jessie Street.

Plans Being Figured.
APARTMENTS Cost, $40,000
SAN FRANCISCO. Fell and Pierce Streets.
Three-story frame and plaster apartment house (35 rooms, 3 and 4-room apts.)
Owner—Midway.
Architect—H. C. Baumann and Edw. Jose, 251 Kearny St., San Francisco.

Figures To Be Taken Next Week.
STORE & APTS. Cost, $30,000
SAN FRANCISCO, 10th Ave. & Geary Street.
Three-story frame and stucco store and apt. bldg. (8 3-room apts).
Owner—Jacob Weissbein.
Contractor—H. C. Baumann & Edw. W. Jose, 251 Kearny St., S. F.
Figures will be taken for a general contract.

Plans Being Figured.
APTS. & STORE Cost $30,000
SAN FRANCISCO, W Valencia bet. 16th and 17th Sts.
Two-story frame and stucco apt. and store building (8 2-room apts).
Owner—Jacob Weissbein.
Architect—H. C. Baumann & Edw. W. Jose, 251 Kearny St., S. F.
Figures are being taken for a general contract.

Plans Being Figured.
APARTMENTS Cost, $45,000
SAN FRANCISCO. NW Laguna and California Sts.
Three-story frame and plaster apartment house.
Owner—Alphonse Snow, 1500 Polk St., San Francisco.
Architect—H. C. Baumann and Edw. Jose, 251 Kearny St., San Francisco

Contract Awarded.
APARTMENTS Cost, $19,700
BERKELEY, Alameda Co., Cal. No. 2971-3-5-7-9 Telegraph Avenue.
Two-story 14-room frame stores and apartments.
Owner—Dr. J. Vickerson, 1551 8th St., Oakland.
Architect—None.
Contractor—Fred Hambleton, 3737 13th Ave., Oakland.

BONDS

SANTA ANA, Cal.—City Council has approved an issue of $30,000 for parks to be submitted to voters in March.

WOODLAND, Yolo Co., Cal.—Election will be held March 10 in Sacramento River School District to vote bonds of $15,000 to finance school improvements. Trustees of district are: J. H. Ryan, Mrs. G. Siliano and M. M. Teixeira.

EUREKA, Humboldt Co., Cal.—Election will be held March 15 in McKee's Mill School District to vote bonds of $8,000 for school improvements. Trustees of district are: A. L. Harper, Fred E. Green and Ernest M. McKee.

HANFORD, Kings Co., Cal.—County supervisors have purchased $8000 bond issue of Rustic School District; proceeds of sale to finance school improvements.

A. E. Leitch Fred Clark

CLARK & LEITCH ROOFING CO.

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HUNTINGTON PARK, L. A. Co., Cal.—An election will be held in the Huntington Park union high school dist., March 2, to vote on a high school bond issue of $500,000. An election will be held on the same date in the Huntington Park city school dist., to vote on a $90,000 bond issue.

merce backs movement to call election to vote bonds of $35,000 to finance construction of gymnasium at high school as originally provided in school plans. Geo. A. Ferris & Son, architects, 160 North Virginia St., Reno.

TILLAMOOK, Ore.—Bonds of $95,000 voted at recent election to finance construction of school building.

MAYFIELD, Santa Clara Co., Cal. — Mayfield Grammar School District has voted bonds of $72,000 to finance construction of new school.

SAN DIEGO, Cal. — City will vote bonds of $495,000 March 20 to finance completion of mole type pier.

SAN JOSE, Santa Clara Co., Cal.—Until March 19 bids will be rec. by County Supervisors for purchase of $45,000 bond issue of Gilroy School District; proceeds of sale to finance school improvements.

SAN JOSE, Santa Clara Co., Cal.—Trustees of Valley View School District will call election to vote bonds to finance construction of new school.

SAN JOSE, Santa Clara Co., Cal.—Election will be held March 9 in Hester School District to vote bonds of $22,000 to finance school improvements. Trustees of district are: G. A. Bean, Vivian Losse Blair and Paul Rudolph.

MARTINEZ, Contra Costa Co., Cal.—County supervisors sell $240,000 bond issue of Carquinez Grammar School District for premium of $6336; proceeds of sale to finance construction of school for which bids will be opened March 7, from plans of A. A. Brown, engineer, care Matson Navigation Co., 120 Market St., San Francisco.

MERCED, Merced Co., Cal.—City trustees will call election to vote bonds of $17,500 to finance purchase and equipment of municipal camping grounds.

CHURCHES

Permit Applied For.
UNDERTAKING PARLORS $30,000
OAKLAND, Alameda Co., Cal. E-14th Street.
Two-story frame and stucco undertaking parlors, etc.
Owner—Grant Miller, 2372 E-14th St., Oakland.
Architect—Edw. T. Foulkes, Crocker Bldg., San Francisco.
Contractor—C. G. Hildebrand, 1700 Fremont Way, Oakland.

FAIRFIELD, Solano Co., Cal.—St. Alphonsus Catholic Church plans erection of new edifice. Service are now held in the S. D. E. S. hall. Financial aid is expected from Archbishop Hanna of San Francisco.

FACTORIES & WAREHOUSES

Contract Awarded.
FACTORY Cost, $11,000
SAN FRANCISCO, N Clara 188-3 E 5th
Two-story concreto class C factory.
Owner—Jean de Greayer.
Architect — O'Brien Bros., Inc., 315 Montgomery St., S. F.
Contractor—John Spargo, 315 Montgomery St., San Francisco.

Completing Plans.
LAUNDRY Cost, $40,000
SAN FRANCISCO, 14th St., bet. Mission and Howard Sts.
One-story and mezzanine floor reinforced concrete laundry bldg., 149-6 by 114-9
Owner—Rickey & Schimferman, of the City Rough Dry Laundry, 1672 15th St., San Francisco.
Architect—Meyer & Johnson, 742 Market St., S. F.

Plans To Be Prepared.
FACTORY Cost, $350,000
(1st unit $100,000)
EMERYVILLE, Alameda Co., Cal., Blk. bounded by Haven, Harlin, Park Ave. and Santa Fe tracks.
First unit 2-story fireproof automobile factory and a 4-story building.
Owner—Doble Steam Motors Co., 714 Harrison St., San Francisco.
The property has been purchased.

To Be Done By Day's Work and Sub-Contracts.
ADDITION Cost—
HONOLULU, T. H.
Four-story reinforced concrete addition to present plant.
Owner—American Can Co., Mills Bldg., San Francisco.
Architect—Engineering Dept. of Owner
Superintendent—Wm. Nopper Jr., Mills Bldg., San Francisco.

Contract Awarded.
FACTORY Cost, $10,000
VISALIA, Tulare Co., Cal. On S. P. Spur near Klink Highwty.
Steel factory building, 84x100 feet.
Owner—Visalia Implement Works, Visalia, Calif.
Designer and Contractor — Truscon Steel Co., Cleveland, Ohio.

Excavating Contract Awarded—Sub-Figures Being Taken.
LOFT BLDG. Cost, $225,000
SAN FRANCISCO, NE Mission and Fremont Streets.
Four-story and basement reinforced concrete loft building 137-6x137-6.
Owner—Cebrian Company.
Architect — G. A. Applegarth, Claus Spreckels Bldg., San Francisco.
Contractor—P. J. Walker, Monadnock Bldg., San Francisco.
The excavating, pumping, grading, shoring bulkhead and backfilling awarded to Sibley Grading and Teaming Co., 135 Landers St., $17,750.

Contract Awarded.
MILL BLDG. Cost, $10,000
SAN FRANCISCO. No. 1375 Potrero Avenue.
One-story steel frame mill building.
Owner—Jewell Steel & Malleable Co., 1375 Potrero Ave., San Francisco.
Architect—None.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.

Steel Contract Awarded.
BUILDING Cost, $36,772
OAKLAND, 47th Ave. and E-10th St.
Structural steel for Dutch Stack bldg.
Owner—National Lead Co. of Cal., 485 California St., S. F.
Contractor—Dyer Bros., Golden West Iron Works, 17th & Kansas Sts.

Contract Awarded.
FACTORY Cost $17,150
SAN FRANCISCO, NE 13th and Howard
One-story class C reinforced concrete paper box factory.
Owner—Jas. E. Scott, 526 Funston Ave., San Francisco.
Architect—Dodge A. Riedy, Pacific Bldg., San Francisco.
Contractor—W. K. Irvine, 1387 Hayes Street.

Permits Applied For.
WAREHOUSES Cost $8000 each
SAN FRANCISCO, NE 17th & Wisconsin & N 17th St. 50 E Wisconsin.
Two 1-story frame warehouses.
Owner—Real Estate Development Co., Hearst Bldg., San Francisco.
Contractor—Geo. Wagner, 251 Kearny St., San Francisco.

Contract Awarded.
LOFT BLDG. Cost, $40,000
OAKLAND, Alameda Co., Cal. SW 4th and Alice Sts.
Three-story brick and concrete loft building.
Owner—C. L. Greeno, 381 10th St., Oakland.
Contractor—W. K. Owen, 552 36th Ave. Oakland.

To Be Done By Day's Work.
MFG. PLANT Cost, $25,000
SAN FRANCISCO S Bryant 125 W Zoe.
One-story brick manufacturing plant.
Owner—Samuel Schell, 180 Jessie St., San Francisco.

SACRAMENTO, Cal.—City Eng. Albert Givan is completing plans to double the present municipal wharf area for which $200,000 is available Construction includes the erection of a reinforced concrete freight warehouse with latest freight handling devices and four elevators. Benson Bachelor is city harbormaster.

YAKIMA, Wash.—Construction of an ice-making and refrigerating plant costing $100,000 is planned by the Artificial Ice & Cold Storage Co.

LOS ANGELES, Cal.—The Union Oil Co., owner of controlling interest in Outer Harbor, Dock & Wharf Co., will finance a terminal project at Los Angeles harbor, similar to the Bush terminal in New York City. The proposed system of wharves and docks will cost several millions. Southern Pacific Ry. is said to have recently acquired an interest in the dock company. Work will probably start March 1.

RIVERDALE, Fresno Co., Cal.—Standard Oil Co. has started construction of a distributing plant 1½ mile west of Riverdale. Improvements consist of three 20,000 gal. oil storage tanks; warehouse, 20 by 32 ft.; pump housing for unloading tank cars and 2 stall garage. J. D. McAllister, Caruthers, Calif., represent company in Riverdale district.

LOS ANGELES, Cal.—Lynch-Cannon Engineering Co., Chapman Bldg., Los Angeles, Cal., was awarded a contr. at about $530,000 for erecting new shop bldgs. at Union Pacific terminal site east of Belvedere Gardens for Union Pacific Railway Co. Work will include power house, 2-sto., 40x114 ft.; oil house; 1-sto. with pump pits, 36x112 ft.; 2-sto. garage bldg., 42x252 ft.; car repair shops, 1-sto., 80x281 ft.; blacksmith shop, 2-sto., 155x 342 ft.; boiler shop, 195x254 ft.; locker room, 20x80 ft.; frame constr., corr. iron exter., steel and wood roof trusses, comp. rfg., steel sash, concr. and mastic fls., traveling cranes. There will also be a brick roundhouse of 10 stalls, which is the first unit of a bldg. to contain 50 stalls.

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PLASTIC WATERPROOF
PORTLAND CEMENT
A Standard Portland Cement
Plus
Plasticity and Waterproofness
For Sale By
BUILDING MATERIAL DEALERS
EVERYWHERE

LOS ANGELES, Cal.—E. L. Doheny interests plan to erect an oil refinery at Los Angeles harbor. The ultimate cost will be from $8,000,000 to $10,000,000. The first unit will have a capacity of 10,000 bbls.

LINDSAY, Tulare Co., Cal. — Frank Hammer, Lindsay, at $22,000 awarded contract to const. addition to packing plant of Lindsay Ripe Olive Co. Will be 140 by 78 ft. of hollow tile and concrete construction.

BAKERSFIELD, Kern Co., Cal. — Herman T. Miller, rancher and president of the California Olive Growers' Association, backs movement to finance construction of $100,000 packing plant in Bakersfield. Growers will form cooperative company to finance the project, according to present plans.

FORT MASON, Cal.—Bids were received by the Constructing Quartermaster's Office for driving piles and repairs to wharves at Fort Mason on February 15th. Healy Tibbitts Co. submitted the lowest bid at approximately $5000 and will be awarded the contract.

SAN ANDREAS, Calaveras Co., Cal. —A. S. Dixon, Jenny Lind, Cal., at $2917 awarded contract by supervisors to construct barn at county hospital; will be of frame construction with 24-gauge corru. iron roof.

FALLON, Nevada—Industrial Committee of the Churchill Chamber of Commerce has called special meeting to secure interest of private capital to finance construction of new canning plant to be equipped with latest machinery.

STOCKTON, San Joaquin Co., Cal.—Until March 13, 10:30 a. m., bids will be rec. by A. L. Banks, city clerk, to const. steel freight shed 85 ft. long on north bank of Stockton channel west of Cross St., Cert. check 10% payable to city clerk req. Plans obtainable from city clerk. W. B. Hogan, city eng. **See call for bids under official proposal section in this issue.**

TRACY, San Joaquin Co., Cal.—Wm. Cohrs, Tracy, at approx. $9,000 awarded contract to erect creamery building for West Side Creamery Co., recently incorporated, in which is interested: C. Lawton, H. O. Kruschke and M. Lawton. Structure will be erected in West Tenth street. Approx. $10,000 worth of equipment will be installed.

LOS ANGELES, L. A. Co., Cal.—W. M. Ledbetter Co., L. A. Ry. Bldg., L. A., has been awarded a contract at about $100,000 for driving pile foundation and constr. conc. found. for Pacific Coast Borax plant at San Pedro. Albert C. Martin, 430 Higgins Bldg., L. A., archt. J. H. Baxter & Co. were awarded the contract to furnish the wood piles.

LOS ANGELES, Cal. — Archt. A. C. Martin, 430 Higgins Bldg., L. A., has been commissioned to prepare plans for a 6-story class A loft bldg. to be erected on S Olive St., bet. 9th and 10th Sts., for the Cinema Distributing Co., to be occupied by motion picture distributing companies.

LOS ANGELES, L. A. Co., Cal.—Architect John M. Cooper, Marsh-Strong Bldg., L. A., is preparing plans and has the contract to erect a 2-sto. class A bldg., 325x110 ft. on west side of Crocker St., bet. 3rd and 4th Sts. for L. A. Transfer Co. It will be designed to carry on an additional story. Reinf. conc. construction, plas. exter., steel rolling doors, steel sash, elevators, conveyors, sprinkling system, signal system, dictaphone system, scales, gas pipe. $200,000.

SEATTLE, Wash. — Hans Pederson Alaska Bldg., Seattle, at approx. $500,000 awarded contract by Architect Henry Bittman, Securities Bldg., Seattle, to erect 11-story steel and concrete office building at First Ave. and Virginia St., for the Pacific Warehouse Co. Will be 111 by 90 ft., to be known as the Terminal Sales Building.

PORTERVILLE, Tulare Co., Cal. — Jay G. Brown, secy. County Cattlemen's Assn., Porterville, is chairman of committee to submit report on site for proposed co-operative cold storage whse. to be erected in this city.

LOS ANGELES, Cal.—Edwards, Wildey & Dixon, 515 Black Bldg., L. A., have been awarded the gen. contr. at about $180,000 for erecting an addition to the assembling plant of the Ford Motor Co. at 7th St. and Santa Fe Ave., L. A. Llewellyn Iron Works has the contract for furnishing and erecting struc. steel. The steel sash, sprinkling system and electric wiring will be let separately. The total cost of the bldg. will be about $300,000. John Parkinson and Donald B. Parkinson, 420 Title Insurance Bldg., L. A., archts. The bldg. will be 2-story 132x349 ft., reinf. conc. frame, brick filler walls, press. brick and terra cotta facing, steel roof trusses, steel rolling doors, steel sash.

FLATS

Contract Awarded.
FLATS Cost, $12,500
SACRAMENTO, Cal. No. 1538 Thirty-eighth St.
Two-story stucco building (2 6-room flats).
Owner—H. Eller, 2321 E St., Sacramento.
Architect—None.
Contractor—A. W. Norris, 3012 G St., Sacramento.

Contract Awarded.
FLATS Cost, $13,250
SAN FRANCISCO, W 15th Ave. 200 N Balboa.
Two-story frame flats.
Owner—Geo. E. Devine, 639 Clayton St., S. F.
Architect—H. C. Baumann and Edw. Jose, 251 Kearny St., S. F.
Contractor—A. L. Thulin, 180 Jessie St. San Francisco.

To Be Done By Day's Work.
FLATS Cost, $13,000
SAN FRANCISCO SW TWENTY-FIRST Ave. and Anza St.
2-story and basement frame (4) flats
Owner—M. McDonough, 22 Fairmount St., San Francisco.

Contract Awarded.
FLATS Cost, $9000
SAN FRANCISCO, E 10th Ave. 250 N Cabrillo.
Two-story & basement frame (2) flats.
Owner—Patrick Hannon, 445 11th Ave., San Francisco.
Contractor—Thos. McCormick, 37 Hill St., San Francisco.

Contract Awarded.
FLATS Cost, $11,000
SAN FRANCISCO, W 9th Ave 100 S Balboa.
Two-story & basement frame (2) flats.
Owner—Edmond Power, 3692 26th St., San Francisco.
Contractor—Thos. McCormick, 37 Hill St., San Francisco.

To be Done by Day's Work.
FRAME FLATS Cost, $12,000
OAKLAND, Alameda Co., Cal. N Apgar St. 400 W Telegraph Ave.
Two-story 16-room frame flats.
Owner—Max Bacher, 1528 Franklin St., Oakland.

Segregated Figures Being Taken.
FLATS Cost, $25,000
SAN FRANCISCO, Green St. nr. Broadway.
Two-story frame and stucco residential flats (7 & 8 rooms).
Owner—J. Brown.
Architect—Walter Falch, Hearst Bldg., San Francisco.

GARAGES

Contract Awarded.
GARAGE Cost, $18,000
SAN FRANCISCO, S Geary 150-6 W Scott
Two-story reinforced concrete public garage
Owner—J. Pasqualetti, 785 Market St San Francisco.
Contractor—American Concrete Co., 785 Market St S F.

GOVERNMENT WORK AND SUPPLIES

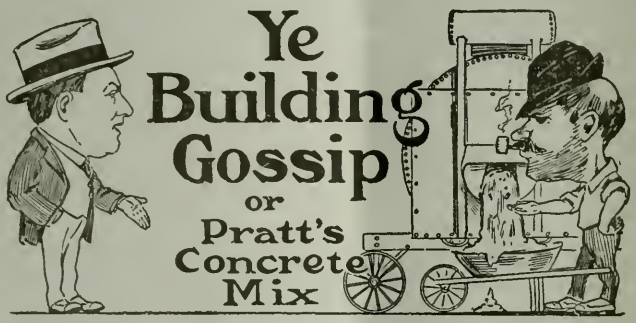
SAN FRANCISCO—A. D. Kern, Lumber Exchange Bldg., Portland, Ore., at $4.97 per ton, submits low bid to U. S. Engineer Office, Customhouse, for furr. approx. 80,000 tons stone to construct breakwater at Crescent City, Del Norte county. Wm. B. Arndt, Crescent City, only other bidder at $6.00 per ton with alternative bid of $2.45 per ton. Taken under advisement.

DENVER, Colo.—Until Feb. 26, bids will be rec. by U. S. Reclamation Service for fur. geared gate hoists, operating machinery, gate stems and stem guides for the Shoshone project, Wyo., involc. approx. 21,000 lbs. metal work.

WASHINGTON, D. C.—Until April 2, 10 a. m., blds will be rec. by Dept. of Interior, Office of Indian Affairs, for fur. and del. agricultural implements, etc. Blanks for bidding and additional information may be obtained from U. S. Indian Warehouse, 701 Battery St., San Francisco.

WASHINGTON, D. C.—Until March 14, under Specification No. 4755, bids will be rec. by Bureau of Yards and Docks, Navy Department, for fur. and del. electric traveling cranes at the Puget Sound, Wash., Navy Yard. Plans obtainable from Bureau on deposit of $10.

WASHINGTON, D. C.—Until March 9 bids will be rec. by Supervising Architect, Treasury Department, for fur. and install. laundry equipment for Veterans' Hospital at Palo Alto, Calif.



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Clarence F. Pratt, Pres. & Mgr.
Suite 518 Hearst Building
Phone: Douglas 300—"easy to remember"
All Kinds of Sand, Gravel, Rock, Granite Rip Rap

San Francisco, February 20, 1923

Miss Gladys Carroll,
State Motor Vehicle Division,
Sacramento, Calif.
Dear Miss Carroll:

I received automobile license No. 300 this morning and thank you very, very much for the same. Please tell Mr. Marsh that I appreciate this number as well as the numbers for the McGilvray family and if either of you ever want the McGilvrays or myself to do any favor for you, please be sure to let us know.

If you ever find the road skiddy, drive out to our sand bank at the 12th St. Bridge and get all the sand you want, or "drop in" (the river) sometime when you are passing. When the weather gets warm next summer, we will let you sleep in the "bed" of the American River if you want.

Once more thanking you for "300"—"easy to remember," I remain

Very truly yours,
CLARENCE SAND PRATT, President.

YOU HAVE to "watch your step."
AND YOUR speedometer.
TO DRIVE a numbered car.
LIKE 300—"easy to remember."
BUT CLARENCE Sand Pratt, President.
OF THE Pratt Building Material Co.

DOUGLAS 300—"easy to remember."
AND PRODUCER.
OF CLEAN, sharp sand.
WILL CONTINUE to drive car "300."
TILL HE loses license No. 300.
"I THANK you."

Clarence Sand Pratt and his No. 300—"easy to remember" Sedan. Sometimes known as the "Westwood Park" stage. Sandy Pratt always looks ahead (into the mirror over the wind shield). It takes "sand" to drive "300."

SAN FRANCISCO—Following is complete list of bids rec. by U. S. Engineer Office, Customhouse, for dredging and building training wall in Richmond Harbor:

Item 1, dredging, 910,000 cu. yds.; 2, pile dike, 2000 lin. ft.; 3, riprap stone, 22,000 tons; extra work: Item 4, brace piles; 5, brace timber; 6, bolts, etc.; 7, long piles.

Healy-Tibbitts Construction Co., 64 Pine St., San Francisco, item 2, $16,200; 4, $5040; 5, $1326; 6, $42; 7, $1908.

United Dredging Co., 414 13th St., Oakland, Calif., item 1, $217,854.

Tibbitts-Pacific Co., 16 California St., San Francisco, item 2, $14,980; 4, $4320; 5, $1139; 6, $42; 7, $1728.

American Dredging Co. 255 California St., San Francisco, item 1, $250,250.

Alternative Bid

Healy-Tibbitts Construction Co., item 3, $44,000.

Tibbitts-Pacific Co., item 2, $13,380; 4, $3600; 5, $1139; 6, $42; 7, $1440.

Healy-Tibbitts Construction Co. proposes to furnish riprap stone from the ledge on Brooks Island, provided "run of the face" will be accepted.

Tibbitts-Pacific Co. proposes to use slightly wormy new piles.

WASHINGTON, D. C.—Following is a list of prospective bidders for Government projects, work under jurisdiction of Bureau of Yards and Docks, Navy Department:

Mare Island, Calif., extension to shell house and magazine, Specification 4742 bids to be opened March 7—Johns-Manville, Inc., 500 Post St., San Francisco; Union Construction Co., foot of W 14th St., Oakland, Calif.; Frank M. Hall, 444 California St., San Francisco; Circle Construction Co., 59 Pearl St., New York City; Donnell-Zane Co., Inc., Woolworth Bldg., New York City; American Bridge Co., Wilkins Bldg. Washington; Paul H. Sears Co., Bond Bldg., Washington.

Puget Sound, Wash., Crane equipment, Ordnance Building No. 368 Extension, Specification 4755, bids to be opened March 4—Maine Electric Co., Portland, Me.; Allen-Brady Co., Milwaukee, Wis.; Electric Service Supply Co., 17th and Cambridge Sts., Philadelphia; L. Heynemann, 268 Market St., San Francisco; Allen-Bradley Co., Milwaukee, Wis.; Electrical Service Supplies Co., 17th and Cambria Sts., Philadelphia; L. Heynemann, 268 Market St., San Francisco; H. Kleinhans Co., Union Arcade, 5th

San Diego, Calif., storehouse for paints and oils, Specification 4770, bids to be opened March 14—Paul H. Sears Co., Bond Bldg., Washington; Circle Construction Co., 50 Pearl St., New York City; W. B. Kyle & Co., 648 Call Bldg., San Francisco; Crane Co., 1221 I St., Washington; Johns-Manville, Inc., 500 Post St., San Francisco.

San Diego, Calif., 2 electric elevators, Specification 4784, date for opening bids not set—Kimball Bros. Co., Council Bluffs, Iowa.

Keyport, Wash., extension to torpedo storehouse, Specification 4744, date for opening bids not set—American Bridge Co., Wilkins Bldg., Washington.

For work under the jurisdiction of the Supervising Architect, Treasury Department, following is a list of prospective bidders: Cordova, Alaska, postoffice, bids to be opened May 10—The Johnson Construction Co., 13½ St. and Northern Pacific Ave., Fargo, N. D.; W. D. Lovell, 1415 8th St., S. E., Minneapolis, Minn.; Warrack Construction Co., 1428 N 34th St., Seattle, Wash.; G. Alfred Sorber, 521 E 38th St., Portland, Ore.; McRae Bros., 1107 American Bank Building, Seattle, Wash.

Winnemucca, Nev. postoffice mailing vestibule, bids to be opened Feb. 28—Geo. E. Wright, Inc., 1454 Monadnock Bldg., Chicago; Garher and Cissel, Bethlehem, Pa.

WASHINGTON, D. C.—Until March 3, 10:30 A. M., bids will be rec. by Panama Canal Commission, uner Circular No. 1514, for fur. and del. Balboa (Pacific Port): Turbine pump, Carbonator, Strap Copper, Nails, Manila Rope, Bituminous Cement, Excelsior, Fire Brick, Water-closet Bowls, Crude-oil Burners, Belt-conveyor Brushes, Scrub Brushes, Mop Heads, Etc. Spec. on file with Assistant Purchasing Agent of Commission at Fort Mason, San Francisco

WASHINGTON, D. C.—Bids are being received by Bureau of Supplies and Accounts, Navy Dept., for fur, and del. materials to Navy Yards as follows, the date for opening bids as noted at end of each paragraph:

Schedule 492, eastern and western yards, steel wire rope, March 6.

Schedule 505, Mare Island, Douglas fir, pine and redwood, March 6.

Schedule 506, eastern and western yards, 51,000 feet white ash, March 6.

Schedule 507, eastern and western yards, miscellaneous lumber, March 6.

Schedule 508, eastern and western yards, white oak, March 6.

Schedule 512, Mare Island, 17,325 pounds sheet steel, March 6.

Schedule 515, Mare Island, 50,000 pounds marine glue, March 6.

Schedule 520, for Mare Island, 35,088 ft. galvanized steel pipe, March 13.

Schedule 521, for Puget Sound, Wash., 7,300 ft. telephone cable, March 13.

Schedule 522, for Puget Sound, 3,600 ft. fibre conduit and 2,200 ft. wood conduit, March 13.

Schedule 531, for Mare Island, 20,000 lbs. white lead, in oil, March 16.

Schedule 532, for Mare Island, 3,000 gals. boiled linseed oil, March 13.

DENVER, Colo.—Until March 13, bids will be rec. by U. S. Reclamation Service, for fur. 1 1,000-K. V. A. vertical alternating-curent generator, complete, with exciter, thrust and thrust bearings; 4 333-K. V. A., single-phase, self-cooled transformers, 3 10-K. V. A., single-cooled transformers, switching apparatus, and 1 3-prase, outdoor-type lighting arrester.

Separate bids, same date, for fur. 1 vertical 514 R. P. M. hydraulic turbine, complete, with governor, governor pump, and synchronous by-pass valve for the Pilot Butte power plant, Riverton project, Wyoming.

WASHINGTON, D. C.—Until March 14, under Specification No. 4770, bids will be rec. by Bureau of Yards and Docks, Navy Department, to construct storehouse for paints and oils at destroyer base, San Diego, Calif. Deposit of $10 req. for plans obtainable from Bureau.

HALLS AND SOCIETY BUILDINGS

LOS ANGELES, L. A. Co., Cal. — Southern California Athletic and Country Club, 329 Cons. Realty Bldg., has purchased a site on Wilshire Blvd., extending from Coronado to Carondelet Sts., and will erect a class A athletic club bldg. Archt. Edwin Bergstrom, 1128 Cit. Nat. Bank Bldg., L. A., has prepared preliminary plans. The bldg. will be 12-sto. and basement and will contain 500 dormitory rooms in addition to usual club features. The bldg. will cost $2,000,000.

TACOMA, Wash.—Odd Fellow Lodges of this city will organize building association to finance construction of $75,000 lodge hall in Pacific Ave., will be 4-story brick and stone. Building committee consists of A. S. Reed, president of the local council of Odd Fellows; S. W. Simpson, treasurer; J. H. Moose, vice president; George R. Chamberlin, secretary, and A. F. Dixon, executive committee. No architect has been selected ae yet.

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HOSPITALS

Preliminary Plans Being Prepared—Stock Being Sold.
HOSPITAL Cost, $1,000,000
SAN FRANCISCO, Location not selected
Class A Masonic Hospital (1st unit to contain 6 sto. 75 rooms.)
Owner—Mount Moriah Hospital Assn.
Architect—Carl Werner, Santa Fe Bldg. San Francisco.
First unit $225,000.
The directors are H. G. Squier, secretary manager of the Masonic Club, president; Mrs. Abbie Krebs Wilkins, first vice president; Dr. Leroy M. Allum second vice president, L. C. Miller, secretary and general manager.

Revised Plans Ready For Bids In About Two Weeks.
HEALTH CENTER BLDG. Cost $30,000
ALAMEDA, Alameda Co., Cal., S. Santa Clara between Oak and Walnut Sts.
One-story reinforced concrete Health Center building.
Owner—City of Alameda.
Architect—Carl Werner, Santa Fe bldg. San Francisco.

Plans Being Re-Figured—Bids Close Mar. 29, 1923.
HOSPITAL BLDG. Cost, $1,600,000
LIVERMORE, Alameda Co., Cal. Johnson Ranch, 5 miles from Livermore
Group of 24 reinforced concrete hospital buildings.
Owner—U. S. Government.
Architect — Mathew O'Brien, 68 Post St., San Francisco.
Bids are being received for a general contract and will be opened by the Director of the U. S. Veterans' Bureau, Arlington Bldg., Washington, D. C. Plans may be obtained from the architect's office on and after Feb. 27 on a deposit of $250.

REDWOOD CITY, San Mateo Co., Cal. —Beach Electric Co., 2369 Mission St., San Francisco, at $3,049 with alternate of $191, submits low bid to county supervisors to fur. and install, electric fixtures in county hospital. Alt. bid is for electric lights in operating room. Other bids were: Roberts Mfg. Co., $5,050, alt. $115 and $175; Thos. Day Co., $5,100, alt. $100. Taken under advisement. W. H. Toepke, Call Bldg., San Francisco, architect.

LOS ANGELES, Cal.—Archt. John J. Frauendfelder, 1116 Story Bldg., has completed plans and is taking bids for erecting a 4-story and basement class A reinforced concrete and pressed brick nurses' home bldg. on 15th St., bet. Hope St. and Grand Ave., for California Lutheran Hospital Assn. It will contain a gymnasium, classrooms, and 90 sleeping rooms; dimensions 50x150 feet.

SANTA BARBARA, Santa Barbara Co., Cal.—Soule, Murphy and Hastings, 1206 State St., Santa Barbara, are preparing plans for the proposed St. Vincent's Orphanage bldg., to be erected on the Sisters' ranch on Hollister Ave. near Central. The bldg. will cost approx $300,000. A portion of the cost, probably one-half, will be furnished by the Knights of Columbus Home Bldg. Co., which plans to take over the old orphanage bldg. and remodel for a home for the local K. of C. A campaign to raise funds for these purposes is being organized.

SAN JOSE, Santa Clara Co., Cal.—Bids of Megnat Newell to construct addition to old women's home at county hospital grounds has been rejected by the supervisors and new bids will probably be asked. Henry A. Pfister is county clerk.

SEATTLE, Wash.—Isaacson Iron Works, Ft. of King St., Seattle, awarded contract by A. W. Quist & Co. Bldg., Seattle, general contractors on the $1,000,000 St. Vincent's Home for the Aged and House of Providence to furnish steel for the project. Structure will be 5 stories high having extreme dimensions east and west of 276 ft. and north and south 294 ft. John Graham, architect, L. C. Smith Bldg., Seattle

OROVILLE, Butte Co., Cal.—Hibbard Bros., 518 Montgomery St., Oroville, at approx. $15,000 awarded contract to construct 12-room ward and 10 private rooms at Oroville Hospital, owned by Miss Agnes Curran.

REDWOOD CITY, San Mateo Co., Cal.—Beach Electric Co., 2369 Mission St., San Francisco, at $3049 with operating room fixtures, $191 additional, awarded contract by supervisors to install lighting fixtures in new county hospital. W. H. Toepke, architect, Call Bldg., San Francisco.

HOTELS

Contract Awarded.

HOTEL Cost, $50,000

STOCKTON, San Joaquin Co., Cal. Market St., bet. El Dorado and Center Sts.

Three-story brick hotel, 50x100 feet. (3 stores and 40 rooms).

Owner—J. Bono and L. Luchette, Cherokee Lane, Stockton.

Architect—Not Stated.

Contractor—Thos. Lewis, 1320 S-San Joaquin St., Stockton.

LOS ANGELES, L. A. Co., Cal.—Architects Eldredge & Jewell, 425 Pacific Bldg., are completing plans for a 4-sto. hotel bldg., to be erected at 825 W. 11th St., for Melville Dozier; to contain 100 rooms each with bath and large lobby. Brick, steel joists constr., reinf. conc. slab fls. and rf., 70x110 ft., press. brick facing, terra cotta trim, hollow tile partitions, cement fls. to be carpeted, comp. rf., tile baths, aut. elec. elevator, steam htg. sys., inter. telephone sys., suspended ceiling, metal lath, ornam. iron, steel sash and frames, wire and plate glass, terrazzo fl., firescape, part basement, elec. sign across front of bldg.; $125,000.

SANTA BARBARA, Santa Barbara Co., Cal.—J. M. Williamson has started work on the Carrillo hotel at corner Carrillo and Chapala Sts., following the temporary cessation of work due to Chapala St. widening. The hotel is to be moved to conform to property line as set in widening proceedings. This will entail an additional expenditure of $25,000. The entire investment will amount to $450,000.

LOS ANGELES, Cal.—Archt. Harold Cross, Mer. Nat. Bank Bldg., is preparing plans for a 6-sto. class C brick hotel bldg., to be erected at Francisco St. and Potter Park Pl. for Frank G. and E. H. Janfen. It will be 90x100 ft. and will contain 120 rooms, 85 baths, 120 toilets; cast stone and face brick exter. Cost, $150,000.

TUCSON, Ariz.—E. C. English, 508 Cit. Nat. Bank Bldg., Los Angeles, gen. contractor, has prepared preliminary sketches for a class A hotel bldg. to cost $400,000, which he and his associates will erect at Tucson, Ariz. An architect has not yet been selected. The bldg., which will be erected on a 40-acre site near the Golf and Country Club grounds, just outside the city limits, will contain 164 rooms, with 30 one-room cottages adjoining. Reinf. conc. constr., Spanish tile roof.

ALHAMBRA, L. A. Co., Cal.—Archts. Scott Quinton, San Gabriel, has prepared preliminary plans for a 4-story brick store and hotel bldg. to be erected at Main and Margueritta Sts., Alhambra, for a syndicate which is being formed by Leo D. and Frank I. Lamb, 126 S. Cordova St., Alhambra, and John E. Fucick, Jr. The site is 143x170 ft. The bldg. will contain office, lobby, dining room, cafe and stores in the first story and 114 rooms in the upper stories; $250,000.

VALLEJO, Solano Co., Cal.—The O. D. Brown & Co., Los Angeles, is conferring with the Vallejo Chamber of Commerce regarding the establishment of a $250,000 hotel in Vallejo, the company to furnish $150,000 and the balance to be furnished by Vallejo capital. Structure would be 6 stories in height of Class B construction, containing 170 rooms with stores on the ground floor. The offer of the Los Angeles company stands for ten days.

PORT ANGELES, Wash.—Architect Carl Siebrand, Northern Life Bldg., Seattle, Wash., preparing plans for 5-sto. concrete and brick hotel to be erected for J. W. Lindsay, et al, of Port Angeles; will contain 124 rooms; est. cost $120,000. Construction will probably be handled by Chris. Kuppler & Sons, contractors of Port Angeles.

PLACERVILLE, El Dorado Co., Cal.—A. L. Richardson, owner Pierce Arrow Cafe, will erect second story addition of 30 rooms to present structure at Main and Canal streets. Construction has been started.

POWER PLANTS

SAN FRANCISCO—Early construction of five sub-stations in the San Francisco district is planned by the Pacific Gas & Electric Co., 445 Sutter St., according to an announcement of Wigginton E. Creed, President of the Company.

KLAMATH FALLS, Ore.—California-Oregon Power Co., plans to construct 22 mi. of new transmission line from Algoma to Chiloquin to serve sawmills of the district and the town of Chiloquin. Line will have capacity of 60,000 volts and will cost approx. $60,000.

LE GRAND, Merced Co., Cal.—San Joaquin Light & Power Co., Fresno, will construct a new electric sub-station to furnish additional facilities for eastern sections of Merced and Madera counties and part of Mariposa county. A 70,000 volt line will be included in the improvements.

SAN FRANCISCO—Dyer Bros., 17th and Kansas Sts., $59,400, submitted low bid to Bd. of Pub. Wks. for furnishing, delivering and erecting structural steel for Moccasin Creek hydro-electric power plant of Hetch Hetchy project. Approx. 880,000 lbs. steel will be required for the structure, which is of the following dimensions: 230 ft. long, 75 ft. wide with a maximum height from floor to ridge of 70 ft. Structure is to be located about sixteen miles via the Hetch Hetchy railroad from Hetch Hetchy junction, which point is a station on the Sierra Railway, 26 miles from Oakdale, Calif. Other bidders were Pacific Rolling Mill Co., $64,240; Ralston Iron Works, $64,240; Union Const. Co., $60,720.

PUBLIC BUILDINGS

EUREKA, Humboldt Co., Cal.—The Humboldt County Supervisors at their next meeting will select an architect to prepare plans for extensive repairs and additions to county courthouse. Proposed to construct new fireproof wing on 4th street side extending from I to J streets. A plant will be istalled for a private system of electric lighting in addition to a new heating plant and the installation of elevators. Fred M. Kay is clerk of the Board of Supervisors.

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KELSO, Wash.—C. F. Martin, Seaboard Bldg., Seattle, at $107,850 (including electric work) awarded cont. to erect courthouse building from plans of W. W. Lucius, architect, Lewis Bldg. Portland, Ore. Contract for vault doors and jail equipment awarded to Pioneer Binding and Printing Co., at $1353 and $8970. Bids for plumbing and heating under advisement.

OREGON CITY, Ore.—Architect E. E. McClaren, Exchange Bldg., Portland, preparing plans for two-story and basement concrete and stucco city hall, 76 by 52 ft. Will contain jail and fire department quarters. Est. cost, $35,000.

LIVERMORE, Alameda Co., Cal.—The town trustees of Livermore opened bids on Feb. 19th for the construction of a one-story reinforced concrete jail building and jail cells. Plans were prepared by Architect Henry H. Meyers, Kohl Bldg., San Francisco. The contract for the building was awarded to F. W. Maurice, 1362 E-25th St., Oakland and the cell work to the Pauly Jail Building Co. Following is acomplete list of the bids received:

BUILDING

F. W. Maurice, Oakland	$2840
W. T. Wrightman	3100
C. A. Bruce & Son	3144
Carl S. Koller	3542
E. T. Leiter & Son	4337

CELL WORK

Pauly Jail Building Co.	$900

MARTINEZ, Contra Costa Co., Cal.—Architect Jas. T. Narbett, Richmond, preparing plans for a temporary frame courthouse quarters to be erected pending decision to erect new hall of records building. Temporary quarters will cost $3500.

BERKELEY, Alameda Co., Cal.—Bids to construct the superstructure of the University of California Stadium will be asked about March 1. It is estimated this portion of the work will cost $415,000.

SANTA BARBARA, Santa Barbara Co., Cal.—The following bids were opened on February 13th by City Manager Fred Johnston of Santa Barbara for the construction of a City Hall building from plans prepared by Roland E. Sauter and E. K. Lockard, San Marcos Bldg., Santa Barbara. The bids have been taken under advisement and contracts will in all probability be awarded on the segregated contracts.

General Contract—Building Complete

N. W. Smith, $171,956; J. Y. Parker, $153,313.13; Charles M. Urton, $151,530.

Only bids on general contract given. Alternates make slight difference.

Proposition No. 1—Excavating and grading. A. J. McGarry, $4375; R. M. Davis, $3750; Charles Richardson, $2689; Archie B. Cook, $3375; Mr. Richardson's bid was the lowest at $2689.

Proposition No. 2—Carpenter work. J. Y. Parker, $45,000; Charles M. Urton, $49,302. Mr. Parker's bid was the lowest at $45,000.

Proposition No. 3—Brick and tile. J. Y. Parker, $14,500; A. McDonald, $16,876; White & Gloor, $17,465; Hock & Hoffmeyer, $17,425. Mr. Parker's bid was lowest at $14,500.

Proposition No. 4—Artificial Stone work. Henry Gregory, $1095—only one bid received.

Proposition No. 5 — Architectural terra Cotta—Gladding, McBean & Co., $4120; only one bid received.

Proposition No. 6—Cut stone. Albert Arata and Fred Moore, $1166; G. Otawein, $1694.50; Peter Poole, $1806. Arata & Moore with low bid at $1166.

Proposition No. 7—Reinforced steel Pacific Coast Steel Co., $2850; American System of Reinforced Steel Co., $3232; Ott Hardware Co., $2897. Pacific Coast Steel Co. low bid at $2850.

Proposition No. 8—Second reinforced steel. Only one bid—H. G. Meyer, $1115.

Proposition No. 9—Structural steel. Westwick Iron Works, $2534; Schrader Iron Works, $2730; Baker Iron Works, $1897; Judson Manufacturing Co., $2953. The bid of the Baker Company was the lowest but no certified check was enclosed with the bid, making it invalid. The next low bid by Westwick Iron Works at $2534.

Proposition No. 10—Ornamental Iron. Westwick Iron Works, $1534; C. J. Hillard Co., $4121; City Ornamental

Iron Works of Los Angeles, $1268; Monarch Iron Works, $2670; Byer-Rothgate Co., $2271; Westwick Iron Works with low bid at $1534.

Proposition No. 11—Sheet metal work. Ott Hardware Co., $2391; Dugan, Faulding & Crowell, $1845, low bid.

Proposition No. 12 — Composition roofing. Atlas Roofing Co, $1100; Johns-Manville, Inc., $1250; Santa Barbara Roofing Co., $1020.50, the low bid.

Proposition No. 13—Tile work. Gladding, McBean & Co., $1980; Angus Tile Works, $1800, the low bid.

Proposition No. 14—Mill work. Union Mill Co., $9176; Boyd Lumber & Mill Co., $9200. Union Co. had low bid at $9176.

Proposition No. 15—Lathing and Plastering. J. B. Richert & Son, $12,920; James P. Walsh, $15,022; Larsen-Siegrist Co., $13,936; MacGruer & Simpson, $14,641; A. McDonald, $14,250; J. Y. Parker, $14,500; J. P. Watson and J. A. Wisener, $15,650. Low bid by J. B. Richert & Son, $12,920.

Proposition No. 16—Marble. Mount Nebo Marble Co., $6580; B. V. Collins, $5338, low bid.

Proposition No. 17 — Composition flooring. Linoleum & Composition Bonded Floors Co., Inc., $983.80. The alternate in this case, calling for a different type of flooring was bid at $2870.80. Only one bid received.

Proposition No. 18—Vault doors. Leslie C. Brentnell, $644; Pacific Desk Co., $528.50; Sweeney & Sons, $1600. Pacific Desk Company low bid at $528.50.

Proposition No. 19—Mail chutes. Cutler Mail Chute Co., $420; American Mailing Service Corp., $600. Cutler low bid at $420.

Proposition No. 20—Jail Equipment. E. T. Barnum Iron Works, $3957; Pollock Jail Bldg. Co., $4800. Braumbacker Iron Works, $7300. Barnum low bid at $3957.

Proposition No. 21—Metal counters. Pacific Desk Co., $3186; Geo. H. Trask, $2586.80; Mission Office Equipment Co., $2960; Keelos Lock Co., $2820, low bid.

Proposition No. 22—Painting. D. Zelinsky & Son, $3300; Charles T. Eates $5997; Benj. H. Hodgson Jr., $11,791; A. Quandt & Sons, $3973; Meyerink & Stuart, $5831. Low bid by Zelinsky & Sons at $3300.

Proposition No. 23—Finish hardware. Ott Hardware Co., $2532.80; Frank Graves Sash, Door & Mill Co., $3424.51. Ott bid lowest at $2532.80.

Proposition No. 24—Plumbing. Arthur Hess, $9527; Sweeney & Sons, $8197; Ott Hardware Co., $10,783; Dugan, Paulding & Crowell, $10,676. Sweeney bid lowest at $8197.

Proposition No. 25—Steam heat. Arthur Hess, $7421; Ott Hardware Co., $7346. For gas heaters, Ott bid $5654. Sweeney & Sons, steam, $5595. Sweeney low bid.

Proposition No. 26—Electric wiring. Fred A. Downer Co., $2850; Paul Drinkwitz, $3600; Neilson-Smith Elec. Co., $3711. Downer with low bid.

RESIDENCES

Contract Awarded.
RESIDENCE Cost, $16,821
PIEDMONT Alameda Co. Cal. SE Mountain Ave and Sharon Ave.
Two-story frame and stucco residence.
Owner—R. G. and Florence B. Broderick.
Architect—Henry H. Meyers, Kohl Bldg San Francisco.
Contractor—M. E. Hopper & Son, 117 Webster St., Oakland.

Plans Being Figured.
BUNGALOWS Cost, —
OAKLAND, Alameda Co., Cal.
25 1-story 4 and 5-room rustic bungalows.
Owner—Davidow & Co., 107th Ave. and E-14th St., Oakland.

Contract Awarded.
RESIDENCE Cost, $10,000
OAKLAND, 1065 Ardmore Ave.
Two-story 8-room frame residence.
Owner—Wm. H. Sims.
Contractor — M. P. Brasch, American Bank Bldg., Oakland.

Contract Awarded.
RESIDENCES. Cost, $4,000 each
SAN FRANCISCO. SW Ocean Ave. 130 NW Paloma.
Sixteen one-story and basement frame residences.
Owner—Urban Realty Imp. Co., 39 Montgomery St., San Francisco.
Architect & Contractor—Leonard & Holt, 39 Montgomery St., S. F.

Plans Being Prepared.
DWELLING Cost, $5000
COLMA, San Mateo Co., Cal.
One-story 5-room frame dwelling and garage.
Owner—R. Simone, Colma.
Architect — Willis Lowe, Monadnock Bldg., San Francisco.

Contract Awarded.
RESIDENCE Cost, $10,900
OAKLAND, Alameda Co., Cal., Lot 31 Blk 13 Map Lakeshore Highlands.
Two-story and basement frame residence and garage.
Owner—B. W. Hammond, 2033 38th St. Oakland.
Architect — Hutchison & Mills, 1214 Webster St., Oakland.
Contractor—S. G. Johnson, 4652 Dolores St., Oakland.

Segregated Figures Being Taken.
RESIDENCE Cost, $15,000
SAN FRANCISCO. St. Francis Wood.
Two-story frame and plaster residence.
Owner—Dr. Garcia.
Architect—H. C. Baumann and Edw. Jose, 251 Kearny St., San Francisco

February 21, 1923.

Plans Being Figured.
RESIDENCE Cost, $10,000
SAN FRANCISCO. Franklin St. near Bay St.
Two-story frame and stucco residence
Owner—Mr. Lamphere.
Archhitect—H. C. Baumann and Edw. Jose, 251 Kearny St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $16,000
ALAMEDA, Alameda Co., Cal. No. 3201 Thompson Avenue.
Two-story 11-room frame residence and garage.
Owner—Warmington Corp.
Architect—None.
Contractor—L. R. Holm Co., High St. and Thompson Ave., Alameda.

Segregated Figures Being Taken.
RESIDENCE Cost, $15,000
OAKLAND, Alameda Co., Cal. Calmar Avenue.
Two-story frame residence (8 rooms, 3 bathrooms and separate garage).
Owner—E. C. Travis.
Architect—Vernon W. Houghton, 275 Post St., San Francisco.

Plans Being Figured.
RESIDENCE Cost $10,000
PALO ALTO, Santa Clara Co., Cal.
Two-story frame and plaster residence.
Owner—H. A. King.
Architect — H. C. Baumann and Edw. Jose, 251 Kearny St., S. F.

Owner Taking Figures.
RESIDENCE Cost, $8,000
GLENN ALLEN, Sonoma Co., Cal.
One-story frame and stone residence with terra cotta roof (9 rooms and 2 bathrooms).
Owner—J. S. Bryant, Glenn Allen.
Architect—Walter Falch, Hearst Bldg. San Francisco.

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SAN FRANCISCO, CALIF.

Figures Being Taken From a Selected List of Contractors.
RESIDENCE Cost, $——
SAN FRANCISCO. Filbert St. near Broderick St.
Two-story frame and stucco double residence.
Owner—E. G. Mott and H. S. Allen.
Architect—Albert Farr and J. F. Ward, Foxcroft Bldg., San Francisco.

Contracts Awarded.
DWELLING Cost, $14,120
PIEDMONT, Alameda Co., Cal. Lot 6 Blk. 2 Piedmont Acres.
Two-story and basement frame dwelling and garage.
Owner—A. L. Piper, Hillegass Ct. Apts., Berkeley.
Architect—S. B. & N. Newson, Nevada Bank Bldg., S. F.
Contractor—Fred J. Westlund 2207 10th Ave., Oakland.
Lathing and plastering awarded to Geo. Dixon, 541 Apgar St., Oakland, at $2250.
Painting to W. H. Pollard Jr., 340 13th St., Oakland.
Plumbing and sewering to W. H. Picard, 5656 College Ave., Oakland, $1784.

Contract To Be Awarded.
RESIDENCE Cost, $16,782
SAN MATEO, San Mateo Co., Cal.
Two-story and basement frame and stucco residence and separate garage (8 rooms, tile roof).
Owner—Russell Selfridge.
Architect — Miss Julia Morgan, Merchants' Exchange Bldg., S. F.
Low Bidder — Cavanaugh Bros., San Mateo and 180 Jessie St., S. F.
Other bidds ran as follows: $17,472, $17,639 and $18,315.

SCHOOLS

Plans Being Figured—Bids Close March 7, 10:30 A. M.
SCHOOL Cost, $—
NAPA, Napa Co., Cal.
One-story reinforced concrete & frame school.
Owner—Salvador Union School District, Mrs. J. W. Parker, clerk, Napa, Cal.
Architect—Norman R. Coulter, 46 Kearny St., San Francisco.
Bonds to the amount of $45,000 have been sold. **See call for bid under official proposal section in this issue.**

Plans Being Figured—Bids Close Mar. 7, 1923, 7 P. M.
SCHOOL Cost, $235,000
CROCKETT, Contra Costa Co., Cal.
Two-story brick and concrete elementary school (24 classrooms, auditorium, kindergarten, domestic science and manual training department, etc.)
Owner—Carquinez School District.
Engineer—A. A. Brown, % Matson Navigation Co., 120 Market St., San Francisco.
Figures are being taken for a general contract and segregated figures. **See call for bids under Official Proposal Section.**

Plans Being Figured—Bids Close Mar. 5, 1923, 5 p. m.
ADDITION Cost, $40,000
SACRAMENTO, Cal. Washington School
Six-room concrete and brick addition to school.
Owner—City of Sacramento.
Architect—F. A. S. Foale, Oschner Bldg. Sacramento.
See call for bids under official proposals.

Figures To Be Called For Next Week.
SCHOOL Cost, $25,000
MILBRAE, San Mateo Co., Cal.
One-story and basement frame and plaster school (3 rooms and an auditorium).
Owner—Milbrae School District.
Architect—Ernest L. Norberg, Balboa Bldg., S. F. and Burlingame.

Date of Opening Bids Extended
Plans Being Figured—Bids Close Mar. 17, 1923, 4 P. M.
SCHOOL Cost, $95,000
ESPARTO, Yolo Co., Cal.
One and two-story brick school.
Owner — Esparto Union High School District.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
Bids are being taken for a general contract with separate bids for the heating and ventilating. Plans may be obtained from the architect.

Contracts Awarded.
SCHOOL BLDG. Cost—
OAKLAND, Alameda Co. Cal. Park Blvd and Hopkins.
Two-story reinforced concrete and hollow tile school building (1st unit of Susan B. Anthony Junior High School).
Owner—Oakland Board of Education.
Architect—C. W. Dickey, 2149 Broadway, Oakland.
General contract to Walter Murch, Federal Realty Bldg., Oakland $56,983
Lathing and plastering to F. J. Judge, 536 39th St., Oakland, $6362.
Plumbing to Scott Co., 381 11th St., Oakland, $5640.
Heating and ventilating to Scott Co., 381 11th St., Oakland, $4134.
Electrical work to Kenyon Elec. Co. 526 13th St., Oakland, $2947.

Contract Awarded.
STAIRWAYS Cost, $8,870
SACRAMENTO, Cal. Lincoln School.
New system of stairways in Lincoln School.
Owner—City of Sacramento.
Architect—Dean & Dean, City Library Bldg., Sacramento.
Contractor—Geo. D. Hudnut, Cal. Fruit Bldg., Sacramento.

Working Drawings Being Prepared.
SCHOOL $70,000 first unit; ultimate cost, $150,000.
STOCKTON, San Joaquin Co., Cal. Pilgrim St., bet. Jackson and Jefferson Sts.
First unit of 24-classroom and auditorium brick school building.
Owner—City of Stockton.
Architect—Chas. H. Young, Commercial & Savings Bank Bldg., Stockton.
Preliminary sketches for this structure have been approved. Structure will be equipped with Plenum heating and ventilating system. Slate blackboards will be provided. Exterior will have white brick facing with terra cotta trim and some stucco work.

HAYWARD, Alameda Co., Cal.—Until March 1, 8 p. m., bids will be rec. by Jacob Harder, Jr., Clerk, Hayward Grammar School District, for fur. and installing 750 auditorium chairs of make or design No. 38-420 of C. F. Weber Co., Cat. No. 922 or eq. Cert check 10% payable to clerk req. **See call for bids under official proposal section in this issue.**

MADERA, Madera Co., Cal.—Until March 2, 10 A. M., bids will be rec. by Roy Boothe, Clerk, North Fork Union School District, for fur. and del. frosted glass and lumber, as more completely described **in call for bids under official proposal section in this issue.**

LOS ANGELES, L. A. Co., Cal.—Until 9 a. m., March 7, bids will be rec. by the L. A. Board of Education for erecting a new school bldg at Van Ness Ave. school site, on Van Ness Ave., near Melrose Ave. Noerenberg & Johnson, architects. Plans may be obtained at the secretary's office, 730 Security Bldg. Bids will be taken separately on general work, plumbing, heating, painting and wiring. The bldg. will contain 19 units, 2-sto., 60x150 ft., with a 1-sto. kindergarten bldg., 36x76 ft.; brick construction, Tufa stone trim, est. cost, $135,000.

PORTERVILLE, Tulare Co., Cal.—Until March 7, 5 p. m., bids will be rec. by Allen F. Bullard, clerk, Porterville Grammar School District, for (1) remodeling and alteration work on old high school, not incl. plumbing and heating; (2) for plumbing and heating work. Coates and Traver, Architects, 626 Rowell Bldg., Fresno. **See call for bids under official proposal section in this issue.**

SANTA MONICA, L. A. Co., Cal.—J. D. Kneen Constr. Co., Santa Monica, was low bidder at $103,000 on gen. contr not including grading for erecting a new junior high school at Santa Monica. Robert E. Millsap, 423 Marsh-Strong Bldg., was low bidder at $109,990 on gen. contr. including grading as specified. Allison & Allison, 1405 Hibernian Bldg., archts. Low bidders on other contracts were: Cal. Cornice Works on sheet metal work at $1032; Standard Roofing Co. on comp. rfg., at $790; C. L. Passmore on tile rfg. at $1150; J. Bolster & Co. on plastering at $9650; Wickens & Emple on painting at $5400; Bennett-Montgomery Hardware Co. on hardware at $3493; Davidson & Cameron on plumbing at $7127; Nicholson Co. on electric wiring at $3930; Pacific Electric Clock Co. on program clocks at $1098; and F. J. Donnelly on heating at $11,142. T. N. Fierce submitted the only bid on blackboards at $377. Bids taken under advisement.

WATSONVILLE, Santa Cruz Co., Cal.—Elementary and High School Boarda have appointed committee to investigate school needs. It is proposed to erect new grammar school in East Lake Ave., using the present grammar school for primary grades. An athletic field and the erection of a gymnasium on a site yet to be purchased is also contemplated. E. A. Hall is chairman of the High School Board.

TUCSON, Ariz.—Until 10 a. m., Mar. 5, bids will be received by board of education for certain contracts in connection with construction of high school bldg. on block 65. Separate proposals will be received for linoleum, refrig. plant, steel lockers, plumbing, heating, elec. work. Plans and spec. prepared by Archts. Lyman & Place, 79 N Stone Ave., and Archt. H. O. Jaastad, 96 N Stone Ave., Tucson, associate architects. Copies may be obtained from archts. upon deposit of $75. Cert. chk. 5%. J. C. Myers, clerk of the board. John E. White, chairman.
Note—Bids for the general contract will also be opened at the same time.

MONTEBELLO, L. A. Co. Cal.—Archts Jeffry & Schaefer, 1106 Kecckhoff Bldg. are preparing working drawings for a new high school bldg. to be erected at Montebello. This will be the first unit of a complete group. Bonds in the sum of $300,000 have been voted and this sum will be expended at this time. The bldg. will be 2-sto., 315x64 ft., with a central wing, 150x75 ft., to contain an auditorium to seat 1200 people. There will be a cafeteria in the basement. Brick constr., ruff. brick and terra cotta facing, slate and comp. rfg., pine trim, beech fls., gas rad. htk., ventilating system, marble and tile work, Terrazzo.

TACOMA, Wash.—Architects Sutton, Whitney and Dougan, architects, with offices at Portland, Ore., and Tacoma, Wn., have been commissioned to prepare plans for College of Puget Sound campus buildings, the first unit to cost $300,000.

RIVERSIDE, Riverside Co., Cal. — Plans prepared by Archt. G. Stanley Wilson, 646 W 9th St., Riverside, for an additional bldg. at the Polytechnic high school group, a new junior college bldg., and additional rooms at the Palm school, have been adopted by the city board of education. The architect has been instructed to prepare detailed plans and spec. The junior college bldg will be 2-story, semi-fireproof bldg. of conc. constr. with plaster exter., and tile roof. It will be located opposite the high school grounds at Terracina and Riverside Dr. The new high school bldg. will be of classic design, 2-sto., and contain about 25 classrms., devoted to commercial branches of training. Press. brick exter., cem. corridors, hdwd fls. There will be a model apt. built for demonstration purposes. Several additional classrms. and an auditorium will comprise the work at the Palm school.

KNIGHTS LANDING, Yolo Co., Cal.—C. F. Weber & Co., 985 Market St., San Francisco, awarded contract to fur. and install furniture in new school for Knights Landing School District.

SACRAMENTO, Cal.—Until March 5, 5 p. m., bids will be rec. by Chas. C. Hughes, secy. Board of Education, for installation of light fixtures at high school, as follows: Ceiling and exit fixtures of the auditorium, together with fixtures for the dressing rooms and corridor pertaining thereto, moving picture operator's room, understage lights and two stage side brackets. Cert. check 10% payable to Sacramento High School District req. Spec. obtainable from secy.

CHINO, San Bernardino Co., Cal. — Until 2:30 p. m., March 7, bids will be received by trustees of Chino high school dist. for erecting a new high school bldg. on Riverside Dr. at 6th St., Chino, in accordance with plans and spec. prepared by Archts. John C. Austin, 1125 Detwiler Bldg., Los Angeles, and Geo. M. Lindsey, Laughlin Bldg., Los Angeles, assoc. Bids will be taken separately on gen. contr., plbg., htg., painting, elec. wiring, clock and bell system, elec. fixtures. The bldg. will contain an auditorium to seat 600 people, designed for future balcony to seat 250; 2 classrooms, supt. offices, rest rooms, library and domestic science dept. Dimensions 40x90 ft. and 60x 90 ft., reinf. conc. walls, plas. exter., tile rfg., pine trim; $90,000.

VISALIA, Tulare Co., Cal. — Until March 6, 7.30 p. m. bids will be rec. by C. T. Pool, secy Board of Education for erection and completion of elementary buildings and for heating systems and additions to other structures. Ernest J. Kump Co., architects, 207 Rowell Bldg., Fresno. **See call for bids under official proposal section in this issue.**

ARCADE, Sacramento Co., Cal.—Arcade School District votes bonds of $29,000 to finance construction of 2-classroom and auditorium school.

RENO, Nevada—The Board of Trustees of the Reno Junior High School District opened bids on February 14th, for the construction of a two-story brick school building from plans prepared by Architects George A. Ferris & Son, 160 North Virginia St., Reno. The contracts were awarded on February 16th. The general contract went to J. C. Dillard of Reno on Proposition No. 1, although he was not the lowest bidder. The Board favored local contractors. Jacob C. Meyer of Reno, was awarded the plumbing and heating contract. Following is complete list of the bids:

General Contract

Daniel R. Wagner, San Francisco—Proposition No. 1, $134,967; (2) $136,376; (3) $136,967; (4) $177,867; (5) $177,967; (6) $178,967.
Taylor & Goerlcke, San Francisco—(1) $139,647; (2) $141,784; (3) $141,245; (4) $184,912; (5) $187,149; (6) $186,610.
J. T. Rees of Fallon—(1) $136,600; (2) $139,347; (3) $137,752; (4) $180,658; (5) $183,158; (6) $184,858.
C. R. Hill of Reno—(1) $139,700; (2) $142,200; (3) $143,900; (4) $180, 658; (5) $183,158; (6) $184,858.
Alston & Hoggan, Salt Lake—(1) $135,925; (2) $139,428; (3) $140,500; (4) $167,850; (5) $171,363; (6) $172,425.
J. C. Dillard, Reno—(1) $135,012; (2) $139,140; (3) $136,902; (4) $174,738; (5) $180,046; (6) $176,673.

Plumbing and Heating

The plumbing and heating bids were made in four proposals. Proposal No. 1, the high school with Kewanee equipment; No. 2, the same with American Radiator. The bids were:
Savage & Son, Reno—(1) $23,653; (2) $25,790; (3) $32,381; (4) $34,519.
Reno Plumbing and Heating Co., Reno (1) $21,490; (2) $22,841; (3) $27,000 (4) $28,933.
Luppen & Hawley, Sacramento—(1) $20,439; (2) $21,489; (3) $26,390; (4) $27,690.
Edwards Hardware Co., Reno—(1) $26,050.95; (2) $27,845.72; (3) $33,550.95; (4) $35,345.72.
J. A. McDermitt & M. F. Tracy, Reno—(1) $22,480; (2) $23,991; (3) $28,677; (4) $30,657.
Jacob C. Meyer, Reno—(1) $19,756; (2) $21,179; (3) $26,600; (4) $27,516.

All Bids Rejected—Plans To Be Revised and New Bids Called For.
SCHOOL Cost, $350,000
TAFT, Tulare Co., Cal.
Group of reinforced concrete school buildings (1) audltorium, (2) gymnasium, (3) science bldg., (4) domestic science bldg., (5) shop bldg., (6) addition to present bldgs.
Owner—Taft Union High School Dist.
Architect—W. H. Weeks, 369 Pine St., San Francisco.

W. J. Ochs, of Bakersfield submitted the lowest bid on the general contract at $185,800. Low bidders on other contracts were: Schrader Iron Works, San Francisco, on (2) iron and steel, at $18,204; Vermont Marble Co., San Francisco, on (3) marble work, $10,850, alt. $6500; C. McMullin on (4) comp. roofing, at $2299; Hateley & Hateley, Sacramento, on (5) plumbing, at $15,186; Gunlac Plumbing Co., on (6) sheet metal at $5600; W. P. Fuller & Co., on (7) glass and glazing, at $6298 (only bid); Stewart Sales Co., on (8) blackboards, at $1327; Malott & Peterson, on (9) comp. flooring, at $3688, alt. $1710; A. Knowles, San Francisco, on (10) plastering, at $43,400, alt. $1000; E. M. Hundley, on (11) hardware, at $3550; Nathan Dohrmann Co., on (12) cafeteria kitchen equipment, at $2279; Home Mfg. Co., on (13) special fixtures and furniture, at $20,370.

SANTA ROSA, Sonoma Co., Cal.—C. Turnbow, Santa Rosa, at $2,781 awarded contract by Olivet School District to construct 1-room addition to school. W. Herbert, Architect, Santa Rosa. Other bids: D. Downie, Sebastpol, $2975; J. P. Christensen, Forestville, $3000; L. Halvorsen, Santa Rosa, $2850; Jones & Skee, Windsor, $2975.

SANTA CLARA, Santa Clara Co., Cal.—Officials of University of Santa Clara announce they contemplate the construction of a gymnasium and swimming tank adjoining the new science hall, now under construction. Gymnasium will be one-story high containing recreation rooms, dressing rooms for varsity and visiting teams, locker and shower rooms and gymnasium proper. It will be 65 by 100 feet. Swimming tank will be 40 feet wide and 100 feet long. J. J. Donovan, 1916 Broadway, Oakland, will prepare the plans.

FULLERTON, Cal.—Until 2 P. M. March 9, bids will be rec. by trustees of Fullerton grammar school for general supplies, athletic supplies, program clocks, and janitor supplies, for year 1923-24. List of materials desired obtainable from Supt. Belle J. Benchley, Clerk of Dist.

SAN MATEO, San Mateo Co., Cal.—Until March 12 bids will be rec. by J. R. Murphy, clerk, San Mateo Union High school District, for fur. and install. chairs, desks, electric fixtures, supplies and equipment in the high school. Specifications are obtainable from the clerk.

LOS ANGELES, Cal.—Archts. Hunt & Burns, 701 Laughlin Bldg., L. A., have completed plans for a new bldg. to be erected at Virgil junior high school at 1st St. and Vermont Ave. It will be 3-story, 62x107 ft., and will contain 14 rooms; brick and conc. constr., plas. and press brick exter., comp. rfg., pine trim, maple fls., steam htg.; $90,000. The board of L. A. education will advertise for bids shortly.

SANTA BARBARA, Santa Barbara Co., Cal.—Until 2 P. M., March 7, bids will be received by high school board for construction of 4 classrooms on north end of unit "A" referred to in spec. as proposition "A," and the gymnasium on rear of auditorium, referred to as proposition "B." Plans and spec. prepared by Architects Sauter & Lockard, 338 San Marcos Bldg., and Architect W. H. Weeks, 369 Pine St., San Francisco. Cer. check, 5%. E. Carlotta Dengate, Secretary.

MARSHFIELD, Ore.—Architect F. Manson White, Sherlock Building, Portland, Ore., preparing plans for two-story hollow tile, brick and stone school to be erected for Marshfield School District. Will contain gymnasium and auditorium seating 600; est. cost, $75,000.

LOS ANGELES, Los Angeles Co., Cal.—J. C. Bannister, 903 N. Mariposa Ave., Los Angeles, was low bidder at $91,760 on the general contract for erecting a new school bldg. at Hermon school site. Hudson & Munsell, are the architects. Low bidders on the other contracts were: Arthur Hess on plumbing at $6027; American Elec. Constr. Co. on wiring at $2777; Heinsbergen Decorating Co. on painting at $3000; F. J. Donnelly on heating at $5895. Bids taken under advisement. Brick construction, 1 story, 139x116 ft., cast stone trim, comp. roofing. The bids were: **General Contract**—J. C. Bannister, $91,760; Clark Bros. & Libby, $93,870; Chester R. Hovey, $94,000; H. H. Hinds, $95,875; Darrell Condley Co., $99,750; Willard-Brent Co., $104,200; Hubert Constr. Co., $104,910. **Plumbing**—Arthur Hess, $6027; Ashworth & Gallop, $6280; Davidson & Cameron, $6910; South Pasadena Plumbing Co., $6947; E. W. Crowell, $6969; G. C. Sutton, $7200; H. W. Dressler Co., $7215; H. E. Murray, $7386; W. W. Brooks, $7820. **Wiring**—American Electric Constr. Co., $2777; F. B. Potter Elec. Co., $3145.50. **Painting**— Heinsbergen Dec. Co., $ 3000; D. Zelinsky & Son, $3037; R. E. Swan, $3168; Leo H. Hubbert, $3400; H. H. Mann, $3627; Arenz-Warren Co., $3600; Morgan & McCarthy Paint Co., $4000. **Heating**—F. J. Donnelly, $5895; Franklin & Boyce, $5989; Thos. Haverty Co., $6259; Geo. A. Posthumus, $6297; L. Z. Brown, $6348. (4443) 1st report Dec. 8, 1922; 2nd Feb.

LOS ANGELES, Cal.—Until 9 a. m., March 14, bids will be received by the L. A. board of education for erecting a new school bldg. on Griffin Avenue school site; Noerenberg & Johnson, architects. Plans and spec. may be obtained at secy's. office, 730 Security Bldg. Bids will be taken separately on the gen. contr., plumbing and painting. Bldg. will be 2-sto. and will contain 12 rooms; brick constr.; $85,000.

LOS ANGELES, Cal.—Until 9 a. m., March 14, bids will be rec. by the L. A. board of education for erecting a new school bldg. at Ramona school site, Normandie Ave. and Santa Monica Blvd Lyman Farwell, archt. Plans and spec. may be obtained at secy's office, 730 Security Bldg., L. A. Bids will be taken separately on the gen. contr., plumbing, heating, painting and wiring. The bldg. will contain 7 rms.; 2-story and basement, 116x62 ft., brick constr.; cost $60,000.

LOS ANGELES, Cal. — Until 9 a. m., March 14, bids will be rec. by the L. A. board of education for erecting a new school bldg. on Laurel School site. Willoughby and Hayworth Aves.; Thos. Franklin Power, archt. Plans and spec. may be obtained at secy's. office, 730 Security Bldg. Bids will be taken separately on the gen. contr., plumbing, heating, wiring and painting. The bldg. will contain 21 units, reinf. conc.| constr tile rfg., cost $136,000.

LOS ANGELES, Cal.—Until 9 a. m., March 7, new bids will be rec. by the board of education on gen. contr. and painting contr. for new Fifty-first St. school; Albert C. Martin, archt. Plans may be obtained at secy's office, 730 Security Bldg. Bids rec. Feb. 7 on the gen. and painting contrs. were rejected. (44876) 1st report Jan. 19, 2nd Feb.

SALINAS, Monterey Co., Cal.—Board of Education will make survey to investigate school requirements. It is proposed to erect two new grammar schools, replacing the Lincoln and West End schools. Arthur Walter is city supt. of schools.

HANFORD, Kings Co., Cal.—Until March 19, 3 p. m., bids will be rec. by C. F. Harrington, clerk Rustic School District, to const. 1-room brick school and toilet building. Glass & Butner, archts., Cory Bldg., Fresno. Cert. check 10% payable to clerk req. with each bid. Spec. obtainable from office of county supt. of schools at Hanford.

STORES AND OFFICES

Plans Being Prepared.
ADDITION Cost—
OAKLAND, Alameda Co., Cal. Broadway, 16th St. and San Pablo Ave.
Six-story reinforced concrete addition to department store bldg. 230x174 with wing 130x100 (brick exterior).
Owner—Kahn Bros. premises.
Architect—E. A. Cannon, Central Bk. Bldg., Oakland.
Contractor—MacDonald & Kahn, 130 Montgomery St., S. F.
It is planned to start construction April 1st.

OFFICE BLDG. Cost, $8,000
MANTECA, San Joaquin Co., Cal. North Main Street.
One-story hollow tile concrete office building, 48x50 feet.
Owner—South San Joaquin Irrigation District, Manteca, Calif.
Architect—G. K. Parker (Sup't. of District), Manteca, Calif.

Contract Awarded.
OFFICES Cost, $35,000
FRESNO, Fresno Co., Cal. NW Tuolumne St. and Van Ness Ave.
One-story and mezzanine floor fireproof offices.
Owner—Kinema Investment Co.
Lessee—Pacific Gas & Electric Co.
Architect—H. Rafael Lake, Bank of Italy Bldg., Fresno, and Balboa Bldg., San Francisco.
Contractor — Trewhitt-Shields Co., Rowell Bldg., Fresno.

Preliminary Estimates Being Taken.
OFFICE & STORE BLDG. $460,000
OAKLAND, Alameda Co., Cal., N 5th St. and San Pablo Ave., L-shaped lot.
Ten-story reinf. conc. class B office and store building.
Owner—C. W., Rex W., & Van Midgley American Theatre Co., San Pablo Ave. & 17th St., Oakland.
Architect—Willis C. Lowe, Monadnock Bldg., San Francisco.
Contractor—P. A. Palmer, Monadnock Bldg., San Francisco.

Segregated Figures Being Taken.
OFFICES, ETC. Cost, $300,000
SAN FRANCISCO. NE Taylor and O'Farrell Sts.
Ten-story Class A store and office building (240 offices).
Owner—Alex. Boyd Estate.
Architect—Sam Lightner Hyman, Foxcroft Bldg., San Francisco.

Plumbing & Heating Contract Awarded.
OFFICE BLDG. Cost—
OAKLAND, Alameda Co., Cal., 13th & Franklin Sts.
Nineteen-story class A office and publishing bldg.
Owner—Tribune Publishing Co.
Architect — Edw. T. Foulkes, Crocker Bldg., San Francisco.
The plumbing and heating has been awarded to Scott Co., 381 11th St., Oakland.

Plans Being Figured—Bids Close Feb. 26, 1923, 10 a. m.
OFFICE BLDG. Cost, $30,000
OAKLAND, Alameda Co., Cal. E Franklin St. north of the Fulton Theatre
Two-story reinforced concrete office bldg. 25x150 (cement front)
Owner—Rupert Whitehead.
Lessee—Wareham-Havens Co., Inc.
Architect—Chas. W. McCall, Central Bank Bldg., Oakland.

Contractor Taking Sub-Bids.
ADDITION Cost, $50,000
SAN FRANCISCO. S Sacramento St. 45 W Front St.
Add three stories to three-story Class B office and store building now under construction.
Owner—H. & W. Pierce Co., 728 Montgomery St. San Francisco.
Architect — Benj. G. McDougall, 381 Bush St., San Francisco.
Contractor—Lindgren Co., Monadnock Bldg., San Francisco.

Contractor Taking Sub-figures.
STORE BLDG. Cost, $86,000
SAN FRANCISCO, W Stockton S Bush
Eight-story class A steel frame and reinforced concrete store and loft building.
Owner— Withheld.
Architect—E. E. Young, 251 Kearny St., San Francisco.
Contractor — W. S. King, 251 Hearst Bldg., San Francisco.

Plans Being Prepared.
STORE BLDG. Cost, $40,000
SAN FRANCISCO, N Bush W Montgomery Street.
One-story brick store bldg.
Owner—Dunn & Williams & Geo. Roos.
Architect—S. Heiman, 57 Post St., S. F.

Contract Awarded.
STORES Cost, $14,500
OAKLAND, S 19th St. 75 W Franklin.
One-story 4-room brick stores.
Owner—C. C. Dorsch.
Architect—Jas. T. Narbett, 910 Macdonald Ave., Richmond.
Contractor—J. H. Chestnut, 235 Orange St., Oakland.

Contracts Awarded.
OFFICE BLDG. Cost—
SAN FRANCISCO, NW Mason & Derby, bet. Post and Geary.
Seven-story and basement reinforced concrete office building 70x60.
Owner—Spring Valley Water Co.
Architect—Willis Polk & Co., Hobart Bldg., San Francisco.
Carpentry work awarded to W. D. Henderson, Monadnock Bldg.
Granite and stone to Raymond Granite Co., 3 Potrero Ave.
Hollow tile to Walter N. Reed, 180 Jessie Street.
Lathing and plastering to A. Knowles, Call Bldg.
Ornamental iron work to C. J. Hillard, 19th and Minnesota Sts.
Metal windows to U. S. Metal Products, 330 Tenth St.
Glazing to J. B. Crowe, 1055 Post St.
Hardware to Palace Hardware Co., 581 Market St.
Painting to D. Zellasky & Son, 422 Turk Street.
Mail chute (American) to Waterhouse Wilcox Co., 523 Market St.
Vault doors to Hermann Safe Co., 216 Fremont Street.
Shades to A. H. Jensen, Call Bldg.
Elevators to Otis Elevator Co., Beach and Stockton Sts.
Light fixtures to C. C. Severen Elec. Co. 55 Fifth Street.
Electric wiring to Butte Elec. Eq. Co., (Beeco), 530 Folsom St.
Heating and ventilating to Scott Co., 243 Minna St.
Plumbing to Jas. H. Pinkerton, 927 Howard St.
As reported before, the foundation and concrete work was awarded to H. L. Petersen, 62 Post St.

Preliminary Sketches Prepared.
OFFICES, ETC. Cost, $300,000
MERCED, Merced Co., Cal. 19th and L Streets.
Five-story and basement Class A fireproof stores, offices, lodge and club rooms.
Owner—Building Association to be formed headed by Kahl & Healy, Merced.
Architect—Norman R. Coulter, 46 Kearny St., San Francisco.

Plans Completed—Contract Awarded.
STORE BLDG. Cost, $300,000
SAN FRANCISCO, NE Howard & 5th Streets.
Three-story reinforced concrete atore loft bldg. 275x275 (20 stories).
Owner—Withhefd.
Architect—Edw. E. Young, 251 Kearny St., San Francisco.
Contractor — W. S. King, 251 Hearst Bldg., San Francisco.

SAN RAFAEL, Marin Co., Cal.—Bids were opened on February 20th, by the Marin Municipal Water District, for the construction of a two-story reinforced concrete and terra cotta office building with tile roof. It is to be erected on Fourth street east of the Masonic Hall in San Rafael, from plans prepared by Architect J. W. Dolliver, Monadnock Bldg., San Francisco. The contract was awarded to Monson Bros., 251 Kearny street, San Francisco with alternate making a total of $72,020 Following is a complete list of the bids:

	Prop. "A"
Monson Bros., S F	$71,480
H H. Larsen, S F.	77,990
Barrett & Hilp, S. F.	78,960
J. G. Liebert,	80,672
John Morton, S. F.	81,200
Louis Cohn, S F.	83,450
M E. Hopper & Son	83,980
I M. Sommers Co., S F.	88,952
Mission Concrete Co., S. F.	86,441

Contract Awarded.
STORES Cost, $17,000
SAN FRANCISCO, NW Clement and 12th avenue.
Two-story brick and frame stores.
Owner — Milton H. Levin, Chronicle Bldg., San Francisco.
Architect—Morrow & Garren, Chronicle Bldg., San Francisco.
Contractor—Meyer Bros., 5326 Geary St. San Francisco.

Plans Being Prepared.
OFFICE BLDG. Cost, $350,000
SAN FRANCISCO, S Market 75 W 7th Street.
Four-story reinforced concrete store, loft and office bldg. 75x165.
Owner—W. P. Wagnon.
Supervising Architect — August G. Headman, Call Bldg., S. F.
Engineer—H. J. Brunnier, Sharon Bldg San Francisco.

Contract Awarded.
ALTERATIONS Cost, $20,351
SAN FRANCISCO, N Market bet. Stockton and Powell (Selbys & Peters Bros. present stores)
Extensive alterations for shoe store.
Owner—The Cehco Co., 214 Post St., San Francisco.
Architect—Wm. T. Toepke, 942 Market St., San Francisco.
Contractor—Wm. Martin, 180 Jessie St. San Francisco.

Contract Awarded.
STORES Cost, $25,000
SAN FRANCISCO, N Howard 152 W New Montgomery.
One-story and basement reinf. concrete stores.
Owner—Eisenbach Co., Alexander Bldg. San Francisco.
Architect—A. H. Knoll, Hearst Bldg., San Francisco.
Contractor—Mission Concrete Co., New Call Bldg., S. F.

Permit Applied For.
STORES Cost, $70,000
SAN FRANCISCO, SW Mission 133 NE Fifth.
Two-story and basement reinforced concrete stores.
Owner—Selby & Henry R. Mohr.
Architect—W. H. Crim, Jr., 425 Kearny St., San Francisco.

Contract Awarded.
ADDITION Cost, $10,000
SAN FRANCISCO, SE 11th Ave. & Clement St.
Move 2-story flats to rear and add for store.
Owner — Golden Rule Inv. Co., Russ Bldg., San Francisco.
Architect—A. H. Knoll, Hearst Bldg., San Francisco.
Contractor—S. Steinauer, 109 Cornwall St., San Francisco.

SEATTLE, Wash.—Bids rec. by Architects Lawton and Moldenhour, Alaska Bldg., Seattle, for $200,000 store and business block to be erected at Fourth Ave., and Pike St., for Bigelow Bldg. Co., have been rejected and new bids will be asked March 1st to be opened about March 15. Pearson Construction Co., New York Block, Seattle, submitted low bid under last call. Structure will be 7-story and basement, steel and concrete, pressed brick and terra cotta exterior.

LOS ANGELES, Cal.—Archts. Walker & Eisen, 325 Pac. Finance Bldg., L. A., are preparing working plans for a fireproof office bldg to be erected on Atlantic St. east of Santa Fe Ave. for the So. Counties Gas Co. It will be 2-sto. and part 3-sto., 80x150 ft. The purchasing and supply depts. will occupy the first sto., general offices, engineering and accounting depts. in the second sto., and an assembly and dining hall and kitchen will occupy the third sto. Reinf. conc. constr., plas. exter., steel sash, oak and pine trim, steam heating.

Alternate	Prop. B	Prop. B-1	Alternate
add $540	$65,660	$63,100	add $7,100
" 1500	73,393	.....	" 3,450
" 1450	73,502	.....	" 6,765
" 1200	76,736	.....	" 555
" 790	82,990	.....	" 550
" 2640	79,200	.....	" 8,750
" 1325	77,180	.....	" 2,170
" 3111	.....	.....	" .....
" 1421	81,141	83,611	" 9,150

LOS ANGELES, Cal.—Archt. Chas. A. McKenzie, Bank of San Jose Bldg., San Jose, has completed plans for the 8-story class A physicians bldg. to be erected at n.w. corner of Orange St. and Westlake Ave for Wholesale Properties Co. Wallace & Bush, 309 Van Nuys Bldg. are the contractors. The bldg. will be 40x150 ft., reinf. conc. constr., hollow tile filler walls and partitions, stucco exter., terra cotta trim. Cost $350,000.

THEATRES

EVERETT, Wash. — Architect H. Ryan, Peoples Bank Bldg., preparing plans to remodel Orpheum Theatre in addition to increasing seating capacity from 500 to 1000. Considerable interior decorating, electric work, painting, etc. is planned. Theatre is operated by the Star amusement Co., of Everett.

Plans Being Figured.
THEATRE, ETC. Cost—
SAN ANSELMO, Marin Co., Cal.
Two-story concrete and steel theatre, store, office and hall building.
Owner — Tamalpais Community Associates, Inc.
Architect—S. Heiman & Harold Stoner, associated, 57 Post St., S. F.

EXAMINATION FOR ASSOCIATE CIVIL ENGINEER

The U. S. Civil Service Commission announces it will receive applications until March 27 for the position of Associate Civil Engineer, (Structural Design) to fill two vacancies in the position of civil engineering aid in the Public Works Department at the Mare Island, Calif., Navy Yard, at $10.96 and $9.86 a day, respectively, and other such vacancies as they occur in any branch of the service. The duties at Mare Island will be to conduct the design of structures of steel and plain and reinforced concrete of considerable magnitude. Competitors will not be required to report for examination at any place, but will be rated on their education, experience, and fitness, on a scale of 100, such ratings being based upon competitors' sworn statements in their applications and upon corroborated evidence. Certain specified education and experience are required. Full information and application blanks may be obtained from the United States Civil Service Commission, Washington, D. C., or secretary of the board of U. S. civil service examiners at the post office or customhouse in any city.

IMPROVED EXPANSION JOINT

The "Elastite" expansion joint made by the Philip Carey Company of Cincinnati has recently been brought out in improved form.

The joint was developed to fill the specific need of a longitudinal joint for concrete roads that would do three things:

1. Prevent spalling and crushing of concrete at the joint due to slab movements.

2. Maintain at all time a watertight seal in spite of possible movements of adjacent slabs.

3. By interlocking action hold adjacent slabs to same surface alignment, thus making it impossible for one slab to be forced up above or settle below its neighbor.

The advantage of the tongue and groove joint in fulfilling the third of the above purposes is obvious; while for the other two functions it should prove fully as good as its predecessor. The manufacturers recommend a ¼ in. thickness for longitudinal joints and a ½ in. thickness for transverse.

Official Proposals

NOTICE INVITING SEALED PROPOSALS

(Auditorium Chairs)

Pursuant to statue and to resolution of the Board of Trustees of the Hayward Grammar School, directing this notice. Said Board of Trustees of the Hayward Grammar School hereby invites sealed proposals or bids for the furnishing and installing of 750 Auditorium Chairs of the make and design No. 39-420—G. F. Weber Co. Catalog No. 922 or equal. All proposals or bids shall be accompanied by a check made payable to Jacob Harder, Jr., Clerk, certified by a responsible bank for an amount which shall not be less than 10 per cent of the aggregate bid or proposal. Said sealed proposals or bids shall be delivered to the Clerk of the Board **on or before 8 o'clock P. M., on Thursday the first day of March, 1923.** Bids will be opened on said day and hour at the meeting place of said Board of Trustees, 568 Castro Street, Hayward, County of Alameda, State of California. The Board Trustees of the Hayward Grammar School reserves the right to reject any and all proposals or bids in whole or in part.

JACOB HARDER JR.,
Clerk of the School Board.

NOTICE TO BIDDERS

(Lumber, Etc.)

Bids are requested for building materials specified below. The board reserves the right to reject any or all bids. Bids will be received up to **10 a. m. Friday, March 2, 1923,** at North Fork:

3 doors 2-6x6-6 1⅜ No. 5 frosted glass
3 1x6 14 MP fin.—21.
3 1x6 12 MP fin. 18, 1½x6 54 lin. ft. stop.
12 bdls shingles.
2 ⅝x10 16 RE base.
⅝x4 44 lin. ft. chair rail.
18 2x4 12 MP com. No. 1, 144.
236 ⅝x4 12 OP clr. No. 2, 944.
1⅝x4 6 OP Clg. No. 2, 2.
54 1x10 12 RW Chan. Rust, 540.
1 1x10 6 RW Chan. Rust, 5.
15 1x10 18 RW Chan. Rust, 225.
14 1x10 10 RW Chan. Rust, 117.
15 1x10 20 RW Chan. Rust, 250.
13 1x10 16 RW Chan. Rust, 173.
1 1x10 14 RW Chan. Rust, 12.

ROY BOOTHE,
Clerk of Board of Trustees,
North Fork Union District
Madera County, Calif.

NOTICE TO BIDDERS

(Additions to Water Works Plant, Antioch, California)

Sealed proposals for furnishing and installing the additions enumerated below at the Water Works of the Town of Antioch, will be received at the Office of the Town Clerk, Town Hall, Antioch, Calif., until **8 p. m. on the 26th day of February, 1923,** and will be publicly opened and read in the Council Chamber of the Board of Trustees at 8:15 o'clock p. m. on the same day.

Bids are called for on the following items and bidders may bid on any or all items.

1. Construction of two 250,000 gallon concrete tanks and concrete flume.
2. Two 2000 gallons per minute horizontal centrifugal pumps installed ready for operation. Price to include concrete settings.
3. Furnishing and installing piping and fittings as shown on plans. One flow meter is to be provided under this item.

Plans and specifications may be obtained from the Town Clerk, Antioch, or from Clyde F. Smith, Consulting Engineer, No. 516 Santa Barbara Road, Berkeley, California.

Bids must be accompanied by certified check, cashier's check or other equivalent, payable to the Town Clerk, Town of Antioch, California, in an amount equal to ten per cent (10%) of amount bid. Bidder's deposits will be returned either when award is made or upon execution of contract with proper bond.

The bond for faithful performance to be furnished by the successful bidder is to be in the sum of twenty-five per cent (25%) of the amount of the contract. The bond for labor and material is to be for 50% of the amount of the contract.

The successful bidder will be required to carry adequate Employer's Liability insurance and shall file with the Town Clerk of Antioch a certificate from the insuring company that such insurance is in force.

The Town reserves the right to award the contract for the above items separately or collectively, or to reject any or all proposals, or to increase or decrease the amount of any class or portion of the work.

Dated: February 13, 1923.

J. E. McELHENEY,
Town Clerk.

NOTICE TO CONTRACTORS

(Corcoran Irrigation District)

Whereas the Board of Directors has adopted a plan for the construction of a certain Canal which said work is more specifically described as follows, to wit:

The excavation of a Canal 3,850 feet in length in Section 24, Tp. 17 S., R. 22 E., M. D. B. & M. consisting of approximately 17,700 cubic yards.

Notice is hereby given that bids will be received for the construction of said work, **up to 10 o'clock A., M., of Tuesday, March 13th, 1923,** at the office of said Board at Corcoran, Kings County, California.

Plans and specifications can be seen at the office of said Board.

Each bidder must accompany his bid with a certified check made payable to the President of the Board of Directors, of the Corcoran Irrigation District, for an amount not less than 10% of the estimated amount of his bid as security for the execution by him of said contract in case his bid is accepted.

All bids should be enclosed in a sealed envelope and addressed to D. I. Drown, Secretary of the Board of Directors of the corcoran Irrigation District, and at the time and place above designated, said bids will be opened in public and as soon as convenient thereafter the Board will let said work, to the lowest responsible bidder. The Board, however, reserves the right to reject any or all bids.

(Signed) D. I. DROWN, Secretary,
Corcoran Irrigation District.

BIDS WANTED FOR SCHOOL

(6-room Brick and Concrete Addition)

NOTICE TO CONTRACTORS

Notice is hereby given that sealed bids will be received by the Board of Education of the Sacramento City School District for the complete erection of an addition to the Washington School, said Washington School being situated on the block bounded by 17th and 18th, E and F Streets, in the City of Sacramento, State of California.

Bids may be made in segregate or combined proposals in accordance with drawings and specifications and proposals on file in the office of the Architect, F. A. S. Foale, 508 Oschner Bldg., Sacramento, California.

On a deposit of $25.00 with the Archi, F. A. S. Foale, complete sets of drawings and specifications under General Contract No. 1 may be obtained by any prospective bidder and for an additional deposit of $25.00 upon each and everyone of the following. Plumbing contract, heating contract and electrical contract. Complete sets of drawings and specifications may also be obtained for any or all of the latter three contracts. The deposit will be returned to the bidder on the return of the plans and specifications in good condition.

Bids must be made on proposals obtained from the Architect and be signed by the bidder, accompanied by a certified check for at least 10 per cent of the amount of the bid or bids in accordance with said proposal forms and certified to by some responsible bank or banker and made payable to the Secretary of the Board of Education of the Sacramento City School District, said check to be forfeited to and retained by the Sacramento City School District should the party or parties to whom the contract shall be awarded fail to enter into contract after the award or give bonds as required.

All bids must be filed with the Secretary of the Board of Education of the Sacramento City School District, Room 300, City Hall, Sacramento, California, **not later than 5 o'clock P. M., Monday, March 5, 1923.**

The Board of Education of the Sacramento City School District reserves the right to reject any and all bids.

BOARD OF EDUCATION, SACRAMENTO CITY SCHOOL DISTRICT,
Chas. C. Hughes, Secretary.

BIDS WANTED FOR SCHOOL

TWO-STORY BRICK AND CONCRETE STRUCTURE

Estimated Cost $235,000.

NOTICE TO CONTRACTORS

Office of the Clerk of the Board of Trustees of the Carquinez Grammar School District.

Sealed bids will be received by the Board of Education of Crockett District at Community Center, Crockett, California, until the **7th day of March, 1923, at 7 o'clock p. m.,** at which time said bids will be opened for the erection and completion of the Carquinez Grammar School of the Carquinez Grammar School District, located on the south side of Highway between Crockett and Valona, Crockett, Cal.

A call for bids published in this section indicates that bids are desired from other than local bidders Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

QUANTITY SURVEYOR
and Valuation Engineer
Buildings and Engineering Works
ARTHUR PRIDDLE
693 Mission Street, at Third St.
San Francisco, Calif.
Telephone Douglas 8-4-9-3

Bids will be received on the following basis:

1. General Contract — The contracter to name a lump sum for doing all the work covered by the plans and specifications.

Or sub-contracters may submit bids as follows:

2. General work, including finished excavation, concrete work and carpentry.
3. Grading.
4. Brick, Hollow Tile and Terra Cotta work
5. Furnishing Architectural Terra Cotta.
6. Furnishing Structural Terra Cotta.
7. Tile Roofing.
8. Painting.
9. Glass and Glazing.
10 Lathing and Plastering.
11. Sheet Metal.
12. Plumbing.
13. Roofing.
14. Linoleum.
15. Heating.
16. Electrical Work.
17. Supplying Electric Clock, Program Bell, Fire Alarm and Telephone System.
18. Ornamental Iron Work.
19. Metal Windows.
20. Finished Hardware.
21. Tile Work.

Plans and specifications for said work are on file at the office of the Engineer for the Board of Education, 120 Market Street, San Francisco, California.

Upon a deposit of Twenty-Five ($25.00) Dollars, said plans and specifications may be had by any prospective bidder for one of the branches of the work above listed. These plans and specifications may be retained as follows:

1. General Contract—10 days.
2. General Work—7 days.
3. All other branches of work—5 calendar days.

If the plans and specifications are not returned to the Engineer within the time above specified, or are returned in a mutilated or damaged condition, the deposit will be forfeited and will be immediately used for the purchase of a new set of blueprints and specifications.

Bids must be made on proposals obtained at the office of the Engineer, and be signed by the bidder, accompanied by a certified check, certified to by some responsible bank or banker, and made payable to J. C. Anderson, Clerk of the Board of Trustees, to be retained by said School District as agreed and liquidated damages should the party or parties to whom the contract should be awarded fail to enter into the contract after the award, or to give bonds required for the faithful performance of the contract, or any bond required by law. The amount of said check shall not exceed Five Thousand ($5,000) Dollars, but for all bids of less than Fifty Thousand ($50,000) Dollars said check shall be for at least ten (10%) of the amount of the bid. Each bid shall be accompanied by an affidavit executed on a form that can be obtained from the Engineer.

Bids will be opened by the Board of said District on the 7th day of March, 1923, at 7 30 o'clock p. m., in the Board Room in Community Center, Crockett, California. The Board reserves the right to reject any and all bids or any or all items of such bids.

J. C. ANDERSON,
Clerk of the Board of Trustees, Carquinez Grammar School District, Crockett, California.

NOTICE TO CONTRACTORS

(Porterville Union High School Dist.)

Pursuant to an order of the Board of Trustees of the Porterville Grammar School District, duly passed and entered in its minutes of February 19th, Nineteen Hundred Twenty-three, notice is hereby given that said Board will receive sealed proposals for the following work:

1 For all remodeling and alteration work on old high school building, except plumbing and heating.

2 For all plumbing and heating work.

Plans and specifications are on file with Clerk of said Board. Copies may be obtained at the offices of Coates & Traver, Architects, 626 Rowell Bldg., Fresno, California.

All bids must be in the hands of C. O. Premo, Secretary of the Board of Trustees, at his office, Porterville, California, **before 5:00 P. M., March 7th, 1923.**

Bidders may figure on one segregation of the work or both.

A certified check or bidders bond equal to 10% of the amount of the bid submitted, must accompany the proposal.

The Board reserves the right to reject any or all bids.

All bids must be sealed and name of bidder and branch of work must be marked on outside of envelope.

BOARD OF TRUSTEES,
Porterville Grammar School District.
Allen F. Bullard, Clerk.

NOTICE TO CONTRACTORS

(Visalia School District)

Notice is hereby given that the Board of Education of the Visalia School District, City of Visalia, County of Tulare, State of California, will receive sealed bids for the furnishing of all labor and material necessary in the erection and completion of Elementary School Buildings and Heating Systems for the ten room Carrie Barnett School and Heating System on Grant Street, between Fourth and Fifth Avenues; four-room Conyer School, Conyer Street —and Heating System; two-room addition to the Highland School, including works to be located in the Visalia School District, according to Plans and Specifications prepared by the Ernest J. Kump Company, Architects, and according to bids and Alternate Bids asked for in specifications.

Said sealed bids will be received up to and including **7:30 p. m. of the 5th day of March, 1923,** by the undersigned Secretary of the Board at their office in the City Hall, City of Visalia.

Said sealed bids must be accompanied by a certified check, cashier's check or bidder's bond in a sum equal at least to (10%) ten per cent of the amount of the bid, to do the work mentioned and made payable to the undersigned Secretary of the Board, as a guarantee that the Bidder or Bidders will execute the proper contract and bonds in case either or all contracts are awarded to him or them by reason of their bids.

Contractor must state in bid the number of working days required to complete the contract and a bonus and forfeiture clause will be provided in contract which will be the essence of the award for time required.

Plans and specifications are on file at the office of the Secretary of the Board and additional copies may be obtained at the offices of the District's Architects, Ernest J. Kump Co., 207-8 Rowell Bldg., Fresno, California. All bids to be made out on blank forms furnished by the Architect.

The successful bidder or bidders will have to give bonds in the sum of (50%) fifty per cent covering labor and materials and (20%) twenty per cent bond for faithful performance.

The Board of Education of the Visalia School District reserves the right to reject any and all bids or Alternate Bids or any part or parts of any bids or Alternates received and reject the balance thereof and to waive any informality in same.

All Bids to be addressed to C. T. Pool, Secretary of the Board of Education, Visalia School District, Visalia, Tulare County, California.

By order of said Board of Education of the Visalia School Distrct.

C. T. POOL, Secretary.

NOTICE TO BIDDERS

(Steel Frame Freight Shed)

Notice is hereby given that sealed proposals are invited to be delivered at the office of the City Clerk of the City Council of the City of Stockton in the annex to "The Stockton," Stockton, California, **up to and including the 13th day of March, 1923, at the hour of 10:30 o'clock A. M.,** for the furnishing of all labor, material and equipment necessary to construct a steel frame freight shed eighty five (85) feet in length on the north bank of Stockton channel west of Cross street, in the City of Stockton, according to the plans and specifications therefor, on file in said office, to which reference is hereby made.

The contract for the performance of said work and the furnishing of said material shall be executed within ten (10) days after the award thereof shall have become final, and the performance thereof shall be commenced within ten (10) days after the execution of the contract for the same, and completed within ninety days thereafter.

The successful bidder is required to give bonds for the faithful performance of the contract in the sum of fifty per cent of the contract price.

All proposals shall be accompanied by a check certified by a responsible bank, payable to the order of the City Clerk, or by coin of the United States, for an amount not less than ten per cent (10%) of the aggregate of the proposal.

In the event that the person, firm or corporation to whom said contract may be awarded, fails, neglects or refuses to enter into contract to perform said work and furnish said materials as hereinabove provided, then the certified check and the amount therein mentioned, or the coin, accompanying the bid of said person, firm or corporation, shall be declared to be forfeited to said City, as liquidating damages.

Said contract will be let to the lowest responsible bidder, provided, however, that the City Council reserves the right to reject any and all bids and to re-advertise for the bids or to provide for the work to be done by the Department of Public Works.

Dated, February 16, 1923.

A. L. BANKS,
City Clerk of the City of Stockton.

BIDS WANTED FOR GYMNASIUM

NOTICE TO BIDDERS AND CONTRACTORS

Notice is hereby given that sealed proposals are invited and will be opened by the Board of Trustees of the Gilroy High School District, Santa Clara County State of California, **at 2:30 P. M., on the 8th day of March, 1923,** in the present high school building of said school district in the County of Santa Clara, State of California, for the erection and completion of a gymnasium building in said school district, for the installation of a heating system therein—for the installation of a plumbing system therein for the above named district, all in accordance with plans and specifications made for the same by Wyckoff & White, the authorized architects, employed by the Board. Proposals will be received separately with alternate propositions on a general contract, plumbing and steam heating, including everything specified and shown.

Plans and specifications can be seen at the office of Wyckoff & White, Architects, Growers' Bank Bldg., San Jose, California.

A deposit of Twenty Dollars ($20.00) cash will be required on all plans loaned out as a guarantee of good faith.

All proposals to be made out on blank forms, furnished by the architects, and must be accompanied by a check for not less than five per centum of the amount of the bid, made payable to E. E. Brownell, Clerk of the Board, and certified to by some responsible bank house. This check is to be forfeited in the event that the successful bidder, after having been awarded the contract, fails within ten (10) days to sign the contract and furnish good and sufficient bonds satisfactory to the Trustees, and as required by law.

Bids will be received up to and including March 8, 1923, at 2:30 P. M., and must be addressed to E. E. Brownell, Clerk of the Board of Trustees of Gilroy High School District, Gilroy, California.

The Board reserves the right to reject any or all bids.

By order of the Board of Trustees, dated February 5, 1923.

E. E. BROWNELL,
Clerk of the Board of Trustees.

Engineering News Section

BRIDGES, DAMS & HARBOR WORK

EL CENTRO, Cal.—The state bond commission has approved the expenditure of $25,000 on the T. B. Shank contract for straightening of the Alamo river, southeast of Brawley. The contractor had already started work at his own risk in anticipation of this approval.

PASADENA, Cal. — City directors have ordered the acquisition of certain lands near Prospect Park and Dontanvill's suh., for a right of way to const. flood control improvements. Bessie Chamberlain, city clerk.

MERCED Merced Co., Cal. — Until March 6, 10 a. m., bids will be rec. by P. J. Thornton, county clerk, to const. rein. conc. bridge over irrigation on Dos Palos road, Sec. 2, Rd. Dist. 5, known as bridge 111. Cert check 10% payable to chairman bd. of sups. req. Plans obtainable from W. E. Bedesen, county surv., on deposit of $10, returnable.

SANTA BARBARA, Cal.—City council will be asked by Yacht Club to call election to vote $350,000 bond issue for const. of protected anchorage at Booth's Point which would provide for the const. of two breakwaters and dredging of an outer basin to a minimum depth of 12 ft. The report for the club was made by Leeds & Bernard, engrs., Los Angeles. The proposal would be put on the ballot at the coming municipal election.

SALEM, Ore.—Until March 1, 10 a. m., bids will be rec. by State Highway Comm., Multnomah County Courthouse, Portland, to const. bridge in Jefferson county; one over Willow creek and one over Hay creek near Madras, involv. 340 cu. yds. conc.; 42,000 lbs. metal reinforcement; 1100 ft. piling; 250 lin. ft. hand rail; 470 cu. yds. excav. Cert. check 10% req. obtainable from State Highway Eng. Hubert Nunn, on deposit of $5.

SAN DIEGO, Cal.—The estimated cost of raising Switzer canyon dam is $28,463 according to a report filed with city council by City Engr. F. A. Rhodes. The proposed improvement includes raising the height of the dam, $19,207; extending the conduit, $989, and construction of a spillway and channel, $6911.

SANTA ROSA, Sonoma Co., Cal.—Until March 16 bids will be rec. by W. W. Felt Jr., County Clerk, to const. truss bridge near Denman station and a bridge over Sonoma Creek near El Verano. Spec. obtainable from County Clerk.

SANTA ROSA, Sonoma Co., Cal.—Until March 16, bids will be rec. by W. W. Felt Jr., County Clerk, to const. conc. culvert and fill at Bonniksen ranch. Spec. obtainable from clerk.

DENVER, Colo.—Until Feb. 26, bids will be rec. by U. S. Reclamation Service for fur. metal work for steel highway bridge for the Shoshone, Wyo., project, involv. approx. 180,000 lbs. of metal work.

SAN LUIS OBISPO, Cal.—Davis Construction Co., San Luis Obispo, at $3160 awarded cont. by council to const. rein. cons. bridge over San Luis Obispo creek in Morro St.

MARTINEZ, Contra Costa Co., Cal.—Supervisors order bids received to construct new deck on Buchanan bridge, bet. Lafayette and Walnut creek. R. R. Arnold, county surv.

MARTINEZ, Contra Costa Co., Col.—Until March 19, 11 A. M., bids will be rec. by J. H. Wells, County Clerk, to constr. through-girder steel bridge over Releiz creek on Div 2, county highway system. R. R. Arnold, County Surv.

SAN FRANCISCO—U. S. Engineer Office, 85 Second St., will hold public hearing March 6, 2 P. M., on application of Rodeo Vallejo Ferry Co. for permit to construct bridge across Carquinez Strait. Plans are open for inspection at the above office.

IRRIGATION PROJECTS

OROVILLE, Butte Co., Cal.—J. R. Mason Co., San Francisco, only bidders, at $610,000 for the purchase of the $700,000 bond issue of the Oroville-Wyandotte Irrigation District. Bid rejected. Proceeds of sale of the bonds are to finance construction work in the district.

FRESNO, Fresno Co., Cal.—Election will be held March 9 in Stinson Irrigation District to vote bonds of $360,000 to finance works in district. Newton Evans, Jr., president of bd. of directors and R. M. Bostwick, secy.

TUCSON, Ariz.—City Eng. G. H. Atchley instructed to prepare estimates of cost of draining the southeast section of the city. A number of arroyos would be eliminated by proper grading of the district.

PARADISE, Butte Co., Cal.—Wyatt Brown, Paradise, awarded cont. by Paradise Irrigation District to cement line approx. 13,100 ft. of ditch from the reservoir to the forebay. Marysville Sand & Gravel Co. awarded contract for sand and Polk & Whitlock the contract for hauling.

PHOENIX, Ariz. — The Salt River Valley Water Users' Assn. has received sanction of secy. of interior and state legislature to an increase in its bonded indebtedness beyond the two-thirds of its capital stock allowed by law. This will enable the assn. to issue $1,500,000 6% bonds, payable in 15 to 25 years, for the purpose of const. regulating dam at Mormon Flat, on the Salt River, the const. of control gates at the Roosevelt dam, and the const. of additional hydro electric power equipment. The gates comprise 19 steel gates in the spillways of the Roosevelt dam, while the power project involves a 7000 h. p. generator in the Roosevelt power house. F. A. Reid, Phoenix, is pres. of the assn.

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CORCORAN, Kings Co., Cal.—Until March 13, 10 a. m., bids will be rec. by D. I. Brown, secy., Corcoran Irrigation District, to excavate 3850 ft. canal, involv. approx. 17,700 cu. yds. Cert. chk. 10%, payable to Chairman of Bd. of Directors of Dist. req. Spec. obtainable from. Secy. **See call for bids under official proposal section in this issue.**

SAN DIEGO, Cal. — Residents of Del Mar-Cardiff district, owners of 9000 acres of agricultural land, have organized the Santa Fe Irrigation Dist., a project promoted by Col. Ed. Fletcher. A bond election will be held to finance the dist., and later a contr. will be signed with San Dieguito Mutual Water Co. to furnish water, which will be piped to every 40 acres.

OROVILLE, Butte Co., Cal.—Directors of Oroville-Wyandotte Irrigation District sell at private sale the $700,000 block of bonds of the total of $2,000,000 issue, to finance construction work in the district.

WASHINGTON, D. C.—The bill authorizing a report on the feasibility of the Columbia river basin irrigation project in the state of Washington and its bearing on the Umatilla irrigation project has been passed by the House. The sum of $150,000 is provided for the investigation.

SHINGLE SPRINGS, El Dorado Co., Cal.—Farmers in this section propose to install high pressure pipe line from Diamond reservoir, midway between Diamond Springs and El Dorado. Reservoir is located 225 feet higher than outlet of proposed pipe line. It is planned to have size of pipe at intake 24-in. dia. County Farm Bureau is interested in project.

SANTA ROSA, Sonoma Co., Cal.—City Eng. L. L. Mills preparing spec. for 42-ft. bridge over creek in A St., to have roadway 30-ft. wide and two 6-ft. sidewalks.

LIGHTING SYSTEMS

BERKELEY, Alameda Co., Cal.—Newbery Electric Co., 417 Webster St., Oakland, at $37,518.34 submits low bid to council to install 151 electroliers, transformers, globes, lamps and tops with complete underground cable and conduits in University Ave., bet. Grove and Second Sts., and in San Pablo Ave., from south boundary to north city limits. Bids were also submitted by: Osborn Electric Co., H. C. Reid, Butte Electric Equipment Co. and Butte Mfg. Co. Bids taken under advisement. C. L. Higgins, City Eng.

SANTA MONICA, Cal.—City Trustees plan to install overhead lighting system in Pier avenue.

VENTURA, Cal. — City trustees declare intention to const. Conc. ornam. lighting system on Palm St., bet. Poli and Front Sts., in street lighting dist. No. 5. Plans and spec. are on file with city engr. Protests Feb. 26. Edwin Isensee, city clerk.

PORTERVILLE, Tulare Co., Cal. — Chamber of Commerce plans to have electroliers installed in Main St., from Morton school to Olive St. Various designs for standards are being considered. Frank A. Gehring is secy of chamber.

LOS ANGELES, Cal.—City council orders installation of lighting posts and appliances in Plymouth Blvd., bet. Beverly Blvd. and 1st St.; 1911 St. Lighting Act.

How Cement Industry Anticipates Your Needs

$40,000,000 represents the value of the portland cement—finished and nearly finished—which manufacturers had in reserve storage at their mills on April 30, 1922, in anticipation of your summer needs. This figure is based on the average 1921 mill price reported by U. S. Geological Survey.

Carrying such stocks in advance of actual demand means:

Heavy financing. As most cost items represent actual cash outlay.

Taking chances on future demand.

Large fixed investments in storage bins, amounting sometimes to more than half a million dollars in even a medium-sized plant —for cement is a bulky material and has to be kept dry.

As things turned out, last year was a record one in the demand for cement. Government figures show 116,563,000 barrels were shipped, yet that was less than 80 per cent of the industry's producing capacity. And nearly 70 per cent or 80,000,000 barrels of this total was called for by cement users in the six-months' period, May to October inclusive.

This shows the seasonal nature of demand for cement. Most people still believe that the "building season" means six or seven months of the year instead of twelve. Last year more than 14,000,000 barrels of cement were shipped during August and less than 3,000,000 barrels in January.

Cement being a basic building material is a prime mover—in other words, the demand for cement immediately creates a demand for all other building materials. And this comes at a time when crop and fuel movements are already overtaxing the railroads.

In anticipating future demand and in educational work to lengthen the so-called building season, cement manufacturers are always trying to serve your best interests.

PORTLAND CEMENT ASSOCIATION

A National Organization to Improve and Extend the Uses of Concrete

Atlanta	Des Moines	Los Angeles	Parkersburg	San Francisco
Boston	Detroit	Milwaukee	Philadelphia	Seattle
Chicago	Helena	Minneapolis	Pittsburgh	St. Louis
Dallas	Indianapolis	New Orleans	Portland, Oreg.	Vancouver, B. C.
Denver	Kansas City	New York	Salt Lake City	Washington, D. C.

LOS ANGELES, Cal. — Council declares intention to const. ornamental lighting posts on Hollywood Blvd., bet. Vermont Ave. and Vine St. 1911 Act.

ANAHEIM, Cal.—Chamber of commerce has a committee investigating various city lighting systems with a view toward installing system in all streets in Anaheim. Malcolm Fraaer, secy. of the chamber is one of the committee.

LOS ANGELES, Cal.—Until 10 a. m., March 5, bids will be rec. by board or public works to const. ornam. lighting systems in the following streets:

Seventh St., bet. Pacific and Gaffey Sts., San Pedro.

Paloa Verdes St., bet. 6th and 14th St., San Pedro.

Pacific Ave., bet. 14th St. and Pacific Ave., San Pedro.

Plans and Spec. are on file at office of city electrician, city hall annex.

RIVERSIDE, Cal.— Until 10 a. m., March 13, bids will be rec. by city council to const. lighting system in Cedar St., bet. 1st and 4th Sts. Cert. check or bond 10%. C. B. Burns, city clerk.

SANTA MONICA, Cal.—D. S. McEwan, Santa Monica, submitted lowest bid at $33,487 to const. reinf. conc. ornam. lighting system on Santa Monica Blvd. bet. Ocean Ave. and 14th St., and at $29,388 for that section bet. 14th St. and the city limits. Other bids were: H. W. Walker, Santa Monica, $33,979 and $29,872; Paulson Constr. Co., Los Angeles, $34,634 and $30,228; C. W. Sparks, Los Angeles, $35,202.20 and $31,199.50; Newbery Elec. Corp., $37,962 and $31,826.

SANTA MONICA, Cal. — See item "Santa Monica" under heading of Street and Sewer Works.

LOS ANGELES, Cal.—H. H. Walker, 1800 W 12th St., submitted low bid to board of public works at $31,864 to construct ornam. lighting system in Western Ave., bet. Romaine St. and 133.3 ft. s of First St. Other bids were: So. Cal. Elec. Co., $31,999; Paulson Constr. Co., $32,234; Newbery Elec. Co., $32,550; C. W. Sparks, $32,875; A. C. Rice, $33,364.

Paulson Constr. Co., 1812 N Harvard Blvd., low bidder at $22,299 to constr. ornam. lighting system in Vermont Ave bet. Los Feliz and Hollywood Blvds. Other bids were: H. H. Walker, $22,314; C. W. Sparks, $22,574; Newbery Elec. Corp., $22,857; So. Cal. Elec. Co., $23,222 D. S. McEwan Elec. Co., $24,641.

C. W. Sparks, 433 San Fernando Bldg. low bidders at $7538 to const. ornam. lighting system in 6th St., bet. Pacific Ave. and Gaffey St., San Pedro. Other bids were: Paulson Constr. Co., $7585; A. C. Rice, $7770; So. Cal. Elec. Co., $7777.

MACHINERY

SEATTLE, Wash.—Until March 2, 10 A. M., bids will be rec. by Wm. D. Freeman, City Purchasing Agent, for fur. 555,700 ft. Siemans-Martin strand and 60,300 feet high strength steel standard wire. Blanks for bidding will be furnished on request.

SANTA ANA, Cal.—Supervisors contemplate installation of $8000 pumping plant in Orange county park.

SAN JOSE, Santa Clara Co., Cal.—Artana-Geoffrey, Santa Clara & River Sts., San Jose, at $877 each, submits only bid to supervisors for fur. and del. one or more Hell Hydro Dump bodies, No. 5. Taken under advisement.

SAN JOSE, Santa Clara Co., Cal.—Following bids rec. by county supervisors for fur. 484 pcs. 6x6-6 ft. long r. w. posts; 484 pcs. 2x6x16 ft. long O. P. surfaced on 4 sides, first class merchantable lumber:

Sunset Lumber Co., $399 for 6x6-6 and 2x6-16, surfaced to 1½x5½, $235.

Los Gatos Lumber Co., 968 pcs. at $44.95 per 1000 ft.

Pacific Mfg. Co., $775.

Southern Lumber Co., $770.50. Bid of Los Gatos Lumber Co. taken under advisement, others rejected.

NAPA, Napa Co., Cal.—Until Feb. 26, bids will be rec. by H. H. Thompson, city clerk, for fur. 2000 ft. 6-in. c. i. pipe. H. A. Harrold, city eng.

SANTA ANA, Cal. — Byron-Jackson Iron Wks., 303 E 3rd St., Los Angeles, submitted low bid to city trustees at $1610 for booster pump to be installed at city plant at 6th and Olive Sts. Other bids were: Washington Pump Co., $1630; Shinn, Holtz, Lyon Co., $1695; United Iron Wks., $1895; Manistee Iron Wks., $2217; Comml. Iron Wks., $2180.

SEATTLE, WASH.—Until March 2, 10 A. M., bids will be rec. by C. B. Bagley, Sect'y., Board of Public Works, for fur. one tandem asphalt roller. City has 1 used 8-ton Iroquois tandem roller which may be turned in as part payment; bid price to give price of new roller f. o. b. Seattle and amount of allowance separate on used roller. Further information obtainable from Sect'y.

SEATTLE, Wash.—Until March 2, 10 A. M., bids will be rec. by C. B. Bagley, Sect'y. Bd. Pub. Works, for fur. f. o. b. cars Seattle, cross arms for Gorge Plant, Skagit River Development project. Cert. check 5% payable to City Comptroller req. Spec. obtainable from Sect'y.

SANTA CRUZ, Santa Cruz Co., Cal.—Until March 5, 2 P. M., bids will be rec. by H. E. Miller, County Clerk, for the purchase of 3 used road graders, no longer required by the county, all of Adams Co. make; 1 King Jr.; 1 Square Deal No. 2 and a Little Giant. Graders may be inspected at storage yard, Davenport Landing, Santa Cruz County.

RAILROADS

OAKLAND, Cal.—Southern Pacific granted permit by State R. R. Commission to const. spur track at grade across 7th St. and 6th Ave.

OAKLAND, Cal.—Santa Fe Railroad has been authorized by city council to const. a six-block switching track along 1st St. from Jackson to Washington Sts., connecting Santa Fe warehouse with municipal docks. Track will be used by all railroads. Est. cost. $50,000.

EUGENE, Ore.—Corvallis Logging Co., operating at Oliver creek, west of Monroe, will construct logging railway from its plant to timber west of the latter city. Wm. Blackburn is Sup't. of company.

RENO, Nevada—Southern Pacific Co. will continue extension of double-tracking line through Nevada which was started some years ago but abandoned during the war period, according to work received in this city. First work to be undertaken will be in Elko county, bt. Wells and Montello where it is expected 60 miles of double track will be laid.

KELSO, Wash.—Weyerhaeser Timber Co. is completing plans to extend its logging railway to tap timber holdings in Coweehan valley region, as well as those of the Ostrander Railway and Timber Co., E. S. Collins et al.

SAN DIEGO, Cal.—A. T. & S. F. Ry. will start work soon on line from San Diego to Phoenix, through San Felipe pass to Indio and El Centro, and right of way has been secured. H. G. Wells, vice-pres. is in California inspecting the route.

SACRAMENTO, Cal.—The Southern Pacific Co., contemplates the construction of its new station in the block bounded by 16th, 17th, C and B Sts. Construction will be started immediately following a favorable decision of the U. S. Supreme Court in the matter of the consolidation of the Central Pacific and Southern Pacific roads. A number of shop buildings are also included in the Sacramento construction program.

CALIPATRIA, Cal.—Southern Pacific Ry. Co. is starting work on const. of new Holtville branch to connect with line at Calipatria. Contracts for work will be let in a few days; 50,000 ties are on the site.

FIRE EQUIPMENT

REDWOOD CITY, San Mateo Co., Cal.—City Clerk W. A. Price has been authorized to purchase four new fire alarm boxes at a cost of $68 each.

SEWERS, STREET WORK, ROADS & WATER SYSTEMS

SANTA CRUZ, Santa Cruz Co., Cal.—County Surv. Lloyd Bowman making survey of Watsonville-Santa Cruz highway at Aptos with a view to running the road under the railroad tracks at that point.

SAN FRANCISCO—Until March 7, 3 p. m., bids will be rec. by Bd. Pub. Works to construct high pressure fire mains and appurtenances in Leavenworth St., from Bay to Embarcadero; Beach bet. Leavenworth and Jones; Jones bet. Beach and Jefferson and Jefferson bet. Jones and Leavenworth; est. cost $18,000. In addition to cast steel and cast iron specials the work includes 7,153 lbs. c. i. frames and covers; 24,00 lbs. yarn for caulking joints; 10,000 lbs. bolts, nuts and washers; 1,000 lin. ft. 1½x4½-in. creosoted cover plank for telephone conduit. City will furnish at Municipal Pipe Yard, 6th and Hubbel Sts., c. i pipe; special castings except those to be furnished by contractor; gate valves and manifold; hydrants; valve and manhole frames, covers, etc., pipe casing for valve boxes, cable hangers, etc. Spec. obtainable from office of City Engineer M. M. O'Shaughnessy, 3rd floor city hall.

PORTLAND, Ore.—Jos. Tito, Willamina, Ore., at $133 per acre, $12,236, total bid, submits low bid to U. S. Bur. of Pub. Rds. for clearing 24 mi. of Rainbow-Blachley road in Suislaw Forest in Lane county. Award has been recommended to Washington.

PASADENA, Cal.—City Dir. declare intention to construct 8-in. vit. pipe sewer in Locust St., bet. Sierra Bonita Ave., and 512.5 ft. east. Work involves flush tank of 400 gals. capacity; 1911 Act. Bessie Chamberlain, city clk.

CHICO, Butte Co., Cal.—City Eng. F. S. Robinson completing surveys to pave side drives along Esplanade, pavement to be 18-ft. wide, and 12 blocks long. Est. cost $.11 sq. ft.

WHITTIER, Cal.—City trustees declare inten. to imp. Howard St., betw. Pickering Ave. and 1126.35 ft. west by grading and paving with 6-in. cem. conc const. curb; 1911 Act. Clarence O. Trueblood, City Clerk.

SANTA MONICA, Cal.—Council declares intention to imp. Colorado Ave., bet. blk. 195 and 14th St., and portions of other streets, by grading and paving with 1½-in. Warenite-Blt. paving on 3½-in. asph. conc. base; const. conc. curbs; 5-ft. walks, manholes, class A curbs; 1911 Act.

SANTA BARBARA, Cal.—City council petitioned to grade and pave East De La Guerra St., bet. Milpas and Anacapa Sts.; type of pavement to be determined by city eng.

SANTA MONICA, Cal.—City commissioners plan to widen Pier Ave., bet Ocean Front and Main St. An overhead lighting system will be installed.

NATIONAL CITY, Cal.—Four miles of streets will be paved if proposed $100,000 bond issue for municipal improvements, under consideration at present, is voted.

SOUTH PASADENA, Cal.—The $40,000 bond issue for sewage disposal works, joint project of Pasadena, South Pasadena, and Alhambra has been sold by city trustees.

SACRAMENTO, Cal.—Until March 1, 9 p. m., bids will be rec. by H. G. Denton, city clerk, to imp. alley bet. K, L, 6th and 7th Sts., const. 10-in. vit. pipe sewer with 6-in. vit. wye branches; extending 6-in. vit. sewer to prop. line; remov. existing 8-in. pipe sewer; reconst. conc. manholes and catchbasins; remov. basalt block pavement; grade and paving with 7-in. hyd. conc. Cert. check 10% payable to city req. Albert Givan, city eng.

LODI, San Joaquin Co., Cal.—Davis-Holler-Pearce Co., Delta Bldg., Stockton, at $83,190 awarded cont. by City Trustees to const. sewage disposal plant. Other bids W. H. Graham, Lodi, $88,188.90; Gould & Johns, $84,516; Schutes & Zinck $89,217.40; Butte Elec. Co., $103,000.

TRACY, San Joaquin Co., Cal.—City Trustees sell bonds of $27,000 for water works improvements and extensions; $15,500 for curbs, draining and paving street intersections and $63,350 for sewage disposal plant. W. D. Harrington, City Eng.

VENICE, Cal.—Until 8:30 P. M., Feb. 26, bids will be rec. by City Clerk of Venice to imp. San Juan Ct., bet. 7th and 6th Aves., by grading and paving with 4-in. cem. concr.; 1911 Act. T. H. Hanna, City Clerk.

OAKLAND, Cal.—Until March 1, 12 M., bids will be rec. by E. K. Sturgis, City Clerk, to imp. portions of 89th Ave. and D St., grading; const. conc. curbs and gutters; paving with oil macadam; wood culvert; 4 wood wing walls; 3 corru. iron and conc. culverts, etc. 1911 Act.

Separate bids, same date, to imp. Walnut Ave., bet. 55th and Seminary Aves., by grading; const. conc. curbs, gutters and walks; paving with oil macadam; 3 conc. arch culverts and 3 conc. end walls; e. i. handhole; 2 c. i. inlets. 1911 Act.

Cert. check 10% payable to city req. Spec. obtainable from Clerk. W. W. Harmon, City Eng.

SANTA ANA, Cal.—deWaard & Cobham, 207 Granger Bldg., San Diego, submitted low bid to City Trustees at $43,730 to const. joint outfall line into ocean, involv. 1075 ft. 42-in. segmental block at $10 ft.; 325 ft. 42-in. monolithic sewer at $31 ft.; laying 800 ft. 42-in. cast iron pipe at $28 ft.; brick manhole at $250; coner. manhole at $250; gravel in trenches at $5 cu. yd. Other bids were: Pernel Barnett, $59,630.50; Joe Chutuk, $69,005. Bids under advisement. W. G. Knox, City Eng.

OAKLAND, Cal.—Until March 1, 12 M., bids will be rec. by E. K. Sturgis, City Clerk, to const. cem. walks 6 ft. wide in portions of E-10th St. 1911 Act. Cert. check 10% payable to city req. Spec. obtainable from Clerk. W. W. Harmon, City Eng.

PASADENA, Cal.—City Dir. declares intention to const. 4-in. cast iron class B water mains in Buckeye St., betw. Madison Ave. and 282 ft. west.

BURLINGAME, San Mateo Co., Cal.—City Trustees, J. R. Murphy, Clerk, declare intention to imp. H St., bet. Peninsula and Burlingame Aves., by grading; const. hyd. conc. curbs and gutters; paving with 5-in. hyd. conc. base with 1½-in. asphaltic surface; const. ironstone sewer wyes and storm sewers; stand. grated inlets; 4-in. lateral sewers. 1911 Act and Bond Act 1915. Protests March 5. C. A. Torello, City Eng.

MERCED, Merced Co., Cal.—County supervisors adopt resolution of intention approving formation of Road District No. 7 which plans to improve 8½ miles of roadway southwest of Livingston in the Tuttle Tract to link with state highway.

SANTA MONICA, Cal.—Council declares intention to imp. Michigan Ave., Delaware Ave., Virginia Ave., Pico Blvd and portions of other streets, by grading and paving with oil and rock; constructing 5 ft. conc. walks; 6-in. cem. pipe culverts, 1911 Act. John A. Morton, city engr.

LOS ANGELES, Cal.—Until 10 a. m., March 5, bids will be rec. by board of public works to imp. under Vrooman Act, following streets:

Canal Ave., bet. A St. and Inner Bay Exception line, involv. 49,666 sq. ft. 5-in. conc. base with 3-in. asph. wearing surface; 21,594 sq. ft. walk; 2152 ft. curb; 2440 sq. ft. gutter; 2480 cu. yds. embank.; 543 ft. hse. sewers; catch basins, etc.

Atwater Ave., bet. Silver Lake Blvd. and Tyburn St., involv. 36,333 sq. ft. asph. paving, 6 ft. curb; 2598 sq. ft. gutter; 525 cu. yds. cut.

36th St., bet. Grammercy Pl. and 135 ft. west, involv. 269 ft. curb; 1346 sq. ft. walk; 287 cu. yds. cut.

82nd St., bet. Main St. and Moneta Ave., involv. 32,833 sq. ft. rough grading; 32,833 sq. ft. finish grading, oiling and rolling; 1229 ft. curb; 7204 sq. ft. walk; 5125 sq. ft. gutter; 614 cu. yds. excav; 116 cu. yds. embank.

Serrano Ave bet. Hollywood and Sunset Blvds., involv. 34,189 sq. ft. Warrenite-Bit. paving; 227 ft. curb; 1008 sq. ft. walk; 102 ft. house sewers; 1524 sq. ft. gutter; 415 cu. yds. cut; 28 cu. yds. fill.

Kenmore Ave., bet. Melrose & Rosewood Aves., involv. 92,840 sq. ft. grading; 325 sq. ft. 5-in. conc. paving; 92,515 sq. ft. bit. paving; 21 ft. curb; 120 sq. ft. walk; 3226 sq. ft. gutter; 1378 cu. yds. cut; 400 ft. house sewers.

CAMAS, Wash.—City votes bonds of $185,000 to purchase and improve privately owned water works. Improvements costing $60,000 will be made.

LOS ANGELES, Cal.—Supervisors declare intention to imp. Ocean Blvd., bet. east city limits of Long Beach and Ave. 19, 5785 lin. ft. or 1.1 mi., and portions of other streets, involv. 10,235 cu. yds. excav.; 17,953 lin. ft. coner. curb; 27,774 sq. ft. cem. walk; 180,526 sq. ft. coner. paving; 3 coner. culverts and 2 catchbasins. Est. contr. price, $59,749.35. Average haul, .5 mi. from Alamitos Bay siding. Protests March 12.

NAPA, Napa Co., Cal.—City Council H. H. Thompson, city clerk, declares intention to imp. Third St., bet. School and Jefferson, involv. 1679 cu. yds. excavation; 76,231 sq. ft. 6-in. conc. pavement; 5350 pcs. ⅜-in. expansion joints; 182 ft. 6-in. sewer; 1 flush hole; 4 side sewers; 7 conc. catchbasins; 4 6x4 in. wyes. est. cost $28,000. Bids will be asked about March 5. H. A. Harrold, city eng.

VENTURA, Cal.—County supervisors order const. of new road to Ojai, eliminating the bad grades of the present route. Bids for the work will be advertised for in June. Chas W Pettit, county surveyor.

OLYMPIA, Wash.—Until March 13, 10 a. m., bids will be rec. by State Highway Commission to pave 4.4 mi. of Pacific Highway bet. Kalama and Carrols. Separate bids, same date, to pave 6.73 mi. of Pcaific Highway bet. Carrols and Kelso.

SANTA MONICA, Cal.—City council orders paving of Appian Way, betw. Colorado Ave. and Seaside Terrace; cost to be met from street dept. funds and partly from assessment on certain portions of the property.

SANTA BARBARA, Cal.—City council orders paving of Figueroa St., betw. Santa Barbara and Canal Sts.

SACRAMENTO, Cal.—City Commission, H. G. Denton, clerk, declares intention to imp. I St., from 39th St. to pt. 467.8 ft. east, by const. conc. gutter; install 1-in. water main connections; grading and paving with 4-in. asph. conc. 1911 Act and Bond Act 1915. Protests March 8.

Intention declared to imp. 7th Ave., bet. Sacramento Blvd. and 33rd St., by const. conc. curb and gutter; e. i. gutter drains connected to manholes with 6-in. vit. pipe; const. conc. manholes with c. i. curbs and covers; grading and paving with 4-in. asph. conc. with seal coat; 38th St., bet. 7th Ave., and manhole in alley first south of 7th Ave., by const. 8-in. sewer; imp. right of way along Lot 2672 of Oak Terrace bet. 7th Ave., and sewer in alley first south of 7th Ave., by const. 8-in. vit. sewer; conc. manhole with c. i. curb and cover. 1911 Act and Bond Act 1915. Protests March 8. Albert Givan, city eng.

SALEM, Ore.—Until March 1, 10 a. m. bids will be rec. by State Highway Comm., Courthouse, Portland, Ore., for highway units, as follows:

Grant County — Coles Bridge-Cummins Creek Sec. John Day Highway, 14.1 mi. grading and surfacing, 150,000 cu. yds. excav., 23,500 cu. yds. surfacing materials.

Jackson County — McLeod-Cascade Gorge Sec., Crater Lake Highway, 8.6 mi. grading, 137,000 cu. yds. excav.

Klamath County — Klamath Falls-Barclay Springs., Sec., Dalles-California Highway, furnishing 3000 cu. yds. broken stone for resurfacing and maintenance.

Lane County — Cottage Grove-North Sec., Pacific Highway, 0.6 mi. grading, 6000 cu. yds. excavation.

Sherman County—Grass Valley-Kent Sec., Sherman Highway, 12.6 mi. grading and surfacing, 78,500 cu. yds. excavation, 92,000 cu. yds. surfacing materials.

Sherman County—Kent-Wasco County line Sec., Sherman Highway, 7.9 mi. grading and surfacing, 70,000 cu. yds. excavation, 17,000 cu. yds. surfacing materials.

Umatilla County — Echo-Pendleton Sec. Columbia River Highway, furnishing 12,000 cu. yds. broken stone for resurfaeing and maintenance.

Cert. check 10% req. Plans obatinable from Herbert Nunn, State Highway Eng., Salem, Ore., on deposit of $5.

BERKELEY, Alameda Co., Cal.—City council, E. M. Hann, clerk, declares intention to set back curb in north side of Center St., 13 ft. from west curb line of Shattuck Ave., to curb in Grove St.; const. comb. armored conc. curb and gutter 2 ft. wide; paving space bet. old pavement and new gutter with asph. and the surface of the north 10 ft. of old pavement heated and raised to conform to new pavement; const. conc. catchbasins with 12-in. pipe connections. 1911 Act and Bond Act 1915. Protests March 6. C. L. Higgins, city engineer.

SAN DIEGO, Cal.—Preliminary estimates of work involved in improving of Goldfinch, Bush and Ibis Sts. call for 152,277 sq. ft. pavement, 608 sq. ft. walks, 109 ft. curbs, 35 ft. 4-in. hse. laterals.

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SAN DIEGO, Cal.—Bond election to be held March 20, will include $70,000 to pave Imperial Ave., bet. 32nd and 40th Sts.; 40th St., bet. Imperial Ave. and county highway; and Imperial Ave. bet. county highway and city limits; $30,000 for paving 12th St. through Balboa Park.

SAN DIEGO, Cal.—Cushing Constr. Co. submitted low bid to council to imp. Silverado St. and Ivanhoe Ave., involv. 192,016.62 sq. ft. 5-in. conc. paving at 24.9 ft.; 1140.6 ft. curb at 65c ft.; 5746.18 sq. ft. walk at 22c ft.; 6-in. conc. pipe line compl. at $720; 11 6-in. sewer laterals at $25 each; 2 4-in. sewer laterals at $25 each.

Griffith Co., 25 14th St., San Diego, submitted low bid to imp. 8th west St., bet. N St. and Imperial Ave., involv. 11,659 sq. ft. paving with 2-in. asph. wearing surface, 1-in. binder course on 5-in. conc. base at 35c ft.; 10.5 ft. curb at 67c ft.; reinf. conc. culvert at $290; iron gate for top of existing catch-basin at $50; conc. addition to clean-outs at $15.

G. R. Daley, 4430 Boundary St., submitted low bid to imp. Ft. Stockton Dr. and Ampudia St., involv. 1037.3 cu. yds. earth excav. at 65c yd.; 175.7 cu. yds. earth embank at 1c yd.; 22,308.7 sq. ft. 1½-in. asph. conc. paving on 2½-in. bit. base at 17.4c ft.; 4490.5 sq. ft. walk at 22c ft.; 903.7 ft. curb at 65c ft.

SAN DIEGO, Cal.—John Engebretsen, 205 McNeece Bldg., San Diego, awarded contract by council at $56,386 to imp. 37th and other streets in Imperial Hts.

STOCKTON, San Joaquin Co., Cal.—Until March 6, 11 a. m., bids will be rec. by E. D. Graham, county clerk, to imp. John Salmon road No. 13, from East Union Cemetery to Durham Ferry rd., approx. 1 mi. Cert. check 10% pay able to Chair. Bd. of Sups. req. Spec. obtainable from County Surv. F. E. Quail.

VACAVILLE, Solano Co., Cal.—Town trustees contemplate election to vote bonds to finance purchase and improvement of privately owned water works system. Straw vote will be taken to determine the attitude of the voters.

SAN DIEGO, Cal. — City will vote bonds of $325,000, March 20 to finance renewing of water mains.

LOS ANGELES, Cal.—Until 10 a. m., Feb. 26, bids will be rec. by board of public works to imp. Hillhurst Ave., bet. Los Feliz and Hollywood Blvds., involv. 296,270 sq. ft. 6-in. conc. paving; 1282 sq. ft. grading and oiling; 4169 ft. curb; 2976 sq. ft. walk; 256 sq. ft. gutter; 350 ft. hse. sewers; 13,038 cu. yds. cut; 172 cu. yds. fill; Vrooman Act.

SAN BRUNO, San Mateo Co., Cal.—City Water Board recommends improvements to water system costing $50,000. City trustees will hold special meeting to consider the recommendation. Geo. A. Kneese, Redwood City, is city eng.

SISSON, Siskiyou Co., Cal. — City trustees will ask bids shortly to pave three blocks of streets. Plans being made for 1½ miles of sidewalks to be constructed this Spring.

RIVERSIDE, Cal.—Council declares intention to const. san. sewer of 6-in. to 24-in. dia., of vit. cem., brick, and other types, in streets bounded by north bank of Tequesquite Arroyo, on the east by Olivewood Ave., south by U. P. Ry., and on west by city limits; 1911 Act. C. B. Burns, city clerk.

SAN JOSE, Santa Clara Co., Cal. — City Council, J. J. Lynch, Clerk, declares intention to imp. Julina Ave., between 4th and 11th Sts., grading; paving with 3½-in. Durite asph. conc. base with 2-in. Durite asph. surface; hyd. conc. curbs and gutters; br. catch-basins with c. i. top grating and frame with 8-in. vit. pipe sewer connections. 1911 Act and Bond Act 1915. Protests March 12. Wm. Popp, city eng.

REDWOOD CITY, San Mateo Co., Cal. Eliz. M. Nash, county clerk, instructed to call bids to const. outfall sewer at County Hospital Grounds. Geo. A. Kneese, county surv.

STOCKTON, San Joaquin Co., Cal. City council, A. L. Banks, clerk, declares intention to const. conc. walks 3½ ft. wide, 4-in. thick and comb. conc curbs 6x12-in., and gutter 15x6-in. in north side of Blain's Lane bet. N Sutter and N California St. 1911 Act. Protests March 13. W. B. Hogan, city eng.

SACRAMENTO, Cal.—County supervisors petitioned to grade and gravel Cecelia and 12th Sts., bet. Del Paso Blvd., and Auburn Rd. Referred to county engineer.

BURLINGAME, San Mateo Co., Cal.—City Eng. C. A. Torello has completed spec. and protests will be heard March 5 to improve H St., bet. Peninsula and Burlingame Aves., involv. 57,000 sq. ft. grading; 34,150 sq. ft. 5-in. conc. pavement with 1½-in. Topeka top; 9,000 sq. ft. cem. walks; 1,950 lin. ft. cem. curbs; 1,725 lin. ft. cem. gutter; 100 lin. ft. 15-in. and 550 lin. ft. 4-in. ironstone sewer pipe; 25 4x4-in., 10 4x6-in. and 10 4x8-in. ironstone sewer wyes; 3 24x24-in. stand. grated inlets. Est. cost, $13,700. 1911 Act and Bond Act 1915.

CENTRALIA, Wash.—City Eng. N. W. Avery preparing spec. to pave 50 blocks of streets for which petitions have been presented.

LOS ANGELES, Cal.—City council recommends that board of public works advertise for bids for cutting down grade of Fifth St., betw. Grand Ave. and Boylston St.

SAN JOSE, Santa Clara Co., Cal.—County Supervisors have postponed award of contract to imp. Naglee Ave., in Supervisor Dist. No. 4, until March 5. Low bid was submitted by San Jose Paving Co., San Carlos & Dupont Sts., San Jose, at $13,190.

BERKELEY, Alameda Co., Cal.—J. M. Heafey, 2030 High St., Oakland, awarded contract by council to const. conc. curbs and reset granite curbs in portions of Shattuck Ave., by grading and paving with conc. base surfaced with asphalt and screenings; 5 catch-basins; 3 storm water inlets; lowering existing iron culverts.

FULLERTON, Cal.—Practically all of the property owners of the western part of the city, and being approx. one-half of property owners of city, are asking for the paving of all city streets and alleys.

REDWOOD CITY, San Mateo Co., Cal.—Until March 5, 7:30 p. m., bids will be rec. by W. A. Price, city clerk, to const. 8 and 10-in. vit. tile pipe sewers in portions of James St., 8-in. in Jefferson and 6-in. in portions of Hudson, Iris, King, Lowell and Myrtle Sts., incl const. of br. manholes with c. i. frames and covers; vit. tile sewer laterals, wyes, lampholes, etc. 1911 Act. Cert. check 10% payable to city req. Spec. obtainable from C. L. Dimmitt, city eng.

SAN FRANCISCO—City Eng. M. M. O'Shaughnessy recommends to supervisors completion of Market St. extension bet. Ord and Mono Sts., est. cost, $275,000 of which $150,000 is for purchase of rights-of-way.

SAN FRANCISCO—Fay Improvement Co., Phelan Bldg., $12,933, submitted low bid to Bd. Pub. Wks. to imp. Kirkwood St., bet. Newhall and Phelps, involv. the resetting of 88 lin. ft. granite curbs; const. 1288 lin. ft. conc. curb; 1108 sq. ft. art. stone walks; resetting 2 br. catchbasins; const. 3 br. catch-basins; 105 lin. ft. vit. ironstone pipe culvert; 39,048 sq. ft. asph. conc. pavement. Other bids were: C. B. Eaton, $13,602; Raisch Imp. Co., $13,768; City Const. Co., $14,015.

REDWOOD CITY, San Mateo Co., Cal.—County Surv. Geo. A. Kneese preparing spec. to imp. streets in Lomita Park. Bids will be asked in the immediate future.

SACRAMENTO, Cal.—No bids rec. by county supervisors Feb. 19 to grade and const. culverts in Marconi Ave., bet. Del Paso Country Club and H St. road.

RICHMOND, Contra Costa Co. Cal.—Bids have been ordered rec. by council to const. sewers in the Pullman town-site district. H. D. Chapman, city eng.

LOS ANGELES, Cal.—Geo. H. Oswald 366 E 58th St., submitted low bid to board of public works Feb. 19, at $80,173.18 for improving Compton Ave. bet. Vernon Ave. and south city boundary involving grading at $6800 (lump sum); 306,386 sq. ft. cem. conc. paving at 23c ft.; 36 ft. curb at 65c ft.; 35 sq. ft. walk at 20c ft.; reinf. conc. culvert at $300; 1560 ft. house sewers at $1.65 ft.

SAN JOSE, Santa Clara Co., Cal.—A. J. Raisch, 46 Kearny St., San Francisco, at $25 sq. ft. awarded cont. by council to grade and pave Auzerais Ave., bet. Market and Vine Sts., with 1½-in. Durite asph. conc. on 3-in. Durite asph. conc. base.

LODI, San Joaquin Co., Cal.—City trustees approve spec. to pave Hutchins St., bet. Lodi Ave., north six blocks to Lockeford St., and Walnut St., west from Hutchins for distance of three blocks. L. F. Barzellotti, city eng.

LOS ANGELES, Cal.—W. E. Hall, 500 Market St., Riverside, submitted low bid to Bd. Pub. Wks. at approx. $96,128 to imp. Railroad Ave., bet. n.e. city limits and Anaheim St., involving grading at $8000 (lump sum); 216,778 sq. ft. 8-in. conc. paving at 35.75c ft.; 193,283 sq. ft. grading and oiling at 5.5c ft.

REDWOOD CITY, San Mateo Co., Cal.—Eliz. M. Nash, county clerk, instructed to call bids to imp. Harrison Ave., at Beresford, the main road to the new county hospital. Geo. A. Kneese, county surveyor.

LODI, San Joaquin Co., Cal.—Until March 2, 8 p. m., bids will be rec. by Wm. H. Faust, clerk, Lodi School District, to const. 700 lin. ft. cem. walk fronting Garfield school; 4-in. thick. Spec. obtainable from clerk.

LOS ANGELES, Cal.—Tryon & Brain, 201 Tajo Bldg., awarded contr. by Bd. Public Works at $175,696 to improve Larchmont Blvd., bet. Melrose Ave. and Beverly Blvd., involv. 646,811 sq. ft. grading at 3c ft.; 646,811 sq. ft. conc. paving at 23.4c ft.; 22 ft. curb at 70c ft.; 138 sq. ft. walk at 20c ft.; storm sewer at $3200; 1130 ft. hse. sewers at $1.50 ft. Engr's. est. $173,142.04. Other bids were: Geo. H. Oswald, $176,425.26; Wm. Liddington, $178,569.85; Geo. R. Curtis, $179,979.73; Griffith Co., $195,555.25; Croatian-American Invest. Co., $195,782.51; W. E. Hall, $202,022.26.

DAVIS, Yolo Co., Cal.—City trustees plan to pave street through business section; estimates of cost for various type of pavement will be submitted in immediate future.

CALIFORNIA—Until the State Highway Commission's financial accounts are straightened out by an audit bureau, no new highway construction will be undertaken, according to an announcement of the Commission. Work under way will be continued. It is expected that it will take two months before the financial statement can be made to enable the commission to know what amount is available for new construction.

VISALIA, Tulare Co., Cal.—County supervisors vote to construct 2 mi. of county highway bet. Dinuba and county line to connect with 2 mi. of Fresno county highway to be constructed bet. Reedley and the same point. Funds to finance construction are not yet available. Laurence A. Moye, Tulare county surveyor.

LOS ANGELES, Cal.—Geo. H. Oswald, 366 E 58th St., submitted low bid to supervisors at $28,000 to imp. Success Ave., bet. west boundary of city of Watts and Central Ave., 3000 lin. ft. or .57 mi., R. D. I. No. 236, involv. 1936 cu. yds. excav.; 8341 sq. yds. shaping roadbed; 8341 sq. yds. Willite surface; 12,008 sq. ft. gutter; 5829 lin. ft. curb; 28,690 sq. ft. walk. Geo. R. Curtis bid $34,000.

WATSONVILLE, Santa Cruz Co., Cal.—City Eng. H. B. Kitchen will prepare spec. to re-macadamize Menker, 2nd, Upper Rodrigues, Brennan, Sudden and a portion of Walker St., also for a macadam pavement in Marchant betw. 3rd and Bridge and one block in Palm Ave.

SAN JOSE, Santa Clara Co., Cal.—Until March 5, 8 p. m., bids will be rec. by J. J. Lynch, city clerk, to imp. 2nd St., bet. Julian and S. P. right of way; grading, paving with 3-in. Durite asph. conc. base with 1½-in. Durite asph. conc. surface. 1911 Act and Bond Act 1915. Cert check 10% payable to city req. Wm. Popp, city eng.

FRESNO, Fresno Co., Cal.—California Ind. & St. Imp. Co., Bank of Italy Bldg., Fresno, awarded contr. by council to imp. Pine Ave., bet. Moroa and Lucerne and Floradora bet. Lucerne Lane and Van Ness Blvd. grading, $.056 sq. ft.; 5½-in. asph. conc. base with 1½-in. Warrenite-Bit. surface pavement, $.219 sq. ft.; conc. gutter, $.33 sq. ft.; conc. curb, $.55 lin. ft.; art. stone walks, $.22 sq. ft.; 12-in. corru. culv., $5.75 lin. ft.; 4-in. vit. clay pipe, $1.85 lin. ft.; culv. manholes, $25 each.

SAN JOSE, Santa Clara Co., Cal.—A. J. Raisch, 46 Kearny St., San Francisco, at $.27 sq. ft. awarded contract by council to grade and pave 5th St., bet. San Carlos and Reed Sts., with 1½-in. Durite conc. pavement with 4-in. Durite asph. conc. base.

LOS ANGELES, Cal.—Geo. H. Oswald, 566 E. 58th St., awarded contr. by Bd. Pub. Wks. at $80,174 to imp. Compton Ave. bet. Vernon Ave. and south city boundary, involv. grading at $6800 (lump sum); 306,386 sq. ft. 6-in. cem. conc. paving at 23c ft.; 36 ft. curb at 65c ft.; 35 sq. ft. walk at 20c ft.; reinf. conc. culvert at $300; 1560 ft. house sewers at $1.65. Other bids were: Tryon & Irain, $81,055.44; Wells & Bressler, Santa Ana, $80,781.96; Joe Mullarkey, $83,861.24; T. E. Shafer, $83,223.61; Wm. M. Schlab, $89,026.28; J. F. Knapp, Long Beach, $93,241.43; Independent Paving Co., $88,164.48; W. E. Riverside, $90,272.27; Griffith Co., $90,870.25; Griffith Co., $90,870.32; Geo. R. Curtis, $82,344.53 Croatian-American Inv. Co. $87,274.70.

SANTA ANA, Cal.—Cox & Teget, 222 Harvard Pl., Ontario, submitted low bid to city trustees at (1) $10,980 to const. sewage screening plant in connection with joint outfall sewer, using reinf. conc., and at (2) $11,380 using brick. Other bids were: A. H. deWaard, (1) $12,046, (2) $12,046; J. Simon Fluor, (1) $12,981, (2) $13,034; Lynch Constr. Co., (1) $13,950, (2) $14,050; C. McNeil (1) $15,000, (2) ...; R. A. Garnett, (1) $17,000, (2) $17,250; Prendergast Const. Co., (1) $18,980, (2) ...; Bids were taken under advisement. W. G. Knox, city engineer.

TUCSON, Ariz. — Singleton Paving Co., Tucson, awarded contr. by city trustees at $25,153 to pave portions of Main and Washington Sts., approx. 6218 lin. ft. involving 17,835 sq. yds. grading 5050 lin. ft. 16-in. conc. gutter; 235 lin. ft. 32-in. gutter; 8700 sq. ft. 4-in. walk; 14,920 sq. yds. Willite pavement; 250 lin. ft. 12-in. corru. iron pipe; 13 survey monuments; 4 catch basins.

KINGSBURG, Fresno Co., Cal.—City trustees approve plan to pave 19th and 20th Aves. and Riverside Street, approx nine blocks in length. Bids will be asked in about 30 days.

FRESNO, Fresno Co., Cal. — Until March 8, 3:30 p. m., bids will be rec. by R. Y. St. George, city clerk, to imp. Amador St., bet. H and Van Ness, involv 51,623 sq. ft. grading; 46,080 sq. ft. asph. pavement; 3387 sq. ft. conc. gutter; 1843 ft. curb; 2015 sq. ft. conc. pavement. 1911 Act. Cert. check 10% payable to city req. Wm. Stranahan, city eng.

SANTA MONICA, Cal.—Kneen Paving Co., Dudley Block, Santa Monica, submitted low bid to city council for imp. 22nd St., bet. Wilshire Blvd. and Montana Ave. and portions of other streets, involv grading at 3.8c sq. ft.; oiled macad. paving at 5.8c sq. ft.; curb at 55c ft.; walk at 19.8c sq. ft.; vit. pipe sewer complete, $17,815; reinf. conc. lighting system, $5120.

BUSINESS OPPORTUNITIES

SAN FRANCISCO — Further information regarding these opportunities may be had from Domestic and Foreign Trade Bureau, Chamber of Commerce, Merchants Exchange Bldg., by referring to index number:

D-451 — Bridgeport, Conn. Manufacturers of Instantaneous Electric Water Heaters and Switches desires to appoint San Francisco distributors. Descriptive circular on file. Desire concern familiar with electrical trade. They would also be interested in appointing salesmen on salary and commission basis.

D-452—Port Angeles, Wash. Concern desires to get in touch with handlers of shooks for cantaloupes, watermelon crates; tomato boxes for domestic and foreign uses; also desire contact with concerns here handling mine props material (poles). Adequate shipping facilities are offered from Port Angeles by either rail or water.

D-453—Indianapolis, Ind. Large manfacturer of cleaning brushes and sanitary aids desires to appoint two salesmen in San Francisco to distribute direct to the user and would appreciate contact with concern having salesmen covering the city.

D-454—Boston, Mass. Business executive with varied experience desires connection with well established San Francisco concern. Splendid references can be furnished.

D-455 — Denison, Tex. Inventor of Electrical Handsaw, Buffer, Grinder, Plane, etc., used in all kinds of work, desires to have machine manufactured on a royalty basis here in California. Photographs of device on file with the Domestic Trade Bureau.

D-456—Portland, Ore. Party now in San Francisco desires to get in touch with San Francisco manufacturers of various lines for distribution of their goods in the Northwest territory.

D-457—Palo Alto, Calif. San Francisco man moving to Palo Alto, Calif., desires to take on counts of city concerns for distribution of their products in Palo Alto territory. Will furnish splendid references.

6761—San Francisco, Calif. Firm desires to make connections with San Francisco importers and dealers in floor and wall tiles.

CD-15—Berkeley, Calif. Engineer desires to make investment in business offering expansion possibilities. Investment, $5000.

CD-16—San Francisco, Cal. man now engaged as merchandise broker seeks a business investment with his services up to $10,000.

CD-17—San Francisco, Calif. Gentleman is interested in investing an unlimited amount in business offering strictest business scrutiny.

CD-18—San Francisco, Calif. Gentleman is interested in locating a business offering possibilities where his services would be acceptable along with $10,000.

CD-19—San Francisco, Calif. Gentleman desires to enter the business field in an established business over a number of years with an investment of $25,000.

CD-21—Tunica, Miss. Party desires to enter established San Francisco business where his services will be appreciated, along with an investment of $10,000.

CD-22—San Francisco, Calif. Party desires to connect up with an established business as sales manager, having had previous experience along this line, and would be willing to invest up to $8000.

CD-23—San Francisco, Calif. Parties interested in connecting up with San Francisco concern and will invest up to $5000.

CD-24—San Francisco, Cal. Party desires to enter into a going business where his individuality would not be lost and where he could realize a good return on $25,000.

CD-25—Alameda, Calif. Party has a few thousand dollars and wants a good investment.

CD-26—Party in town from Canada is seeking a business connection and would be interested in investing up to $25,000. His previous experience is along the technical line, particularly automobile, auto accessories and machine shops.

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BUILDING CONTRACTS

SAN FRANCISCO COUNTY

$1,000 and Over Reported

The following is an Index for the contracts for this Issue.

No.	Owner	Contractor	Amt.
530	Moeller	Meyer	3000
531	Berryman	Meyer	3000
532	Ryan	Meyer	3000
533	Klute	Meyer	9000
534	Cederberg	Owner	3000
635	Moeller	Meyer	3000
636	Kuchlenz	Meyer	3000
537	Moeller	Meyer	6000
538	Hayward	Magnuson	6000
539	Costello	Owner	3000
540	Lapham	Lapham	8000
541	de Greayer	Spargo	11000
542	Pasqualetti	American	18000
543	Rudolph	Lindberg	14375
544	O'Brien	O'Brien	30000
545	Nelson	Owner	6000
546	McCarthy	Owner	4000
547	Reite	Owner	19500
548	McCarthy	McCarthy	3500
549	Bothin	Buschke	8000
550	Nelson	Owner	3000
551	Same	Same	15000
552	Same	Same	3000
553	Same	Same	12000
554	Edwards	Meyer	4560
555	Behm	Meinberger	10000
556	Regan	Mission	21219
557	Gaba	Leigh	4000
558	Robson	McGary	3500
559	Urban	Leonard	64000
560	Jewell	Barrett	10000
561	Florined	Barrett	40000
562	Lewis	Cohn	8750
563	Weissbein	Meyer	14658
564	Siess	Hansen	4595
565	Dolan	Wiander	9000
566	Hansen	Owner	7500
567	Pagonis	Owner	1000
568	McCarthy	Siegfried	5000
569	Carlson	Owner	4500
570	Salvation	Ingraham	1500
571	Hansen	Owner	15000
572	Hardiman	Hardiman	7000
573	Hassett	MacMillen	3000
574	Feerick	Owner	4000
575	Halsen	Owner	2500
576	Daniels	Lager	15925
577	Demaestri	Nelson	41000
578	Talbot	Waterhouse	1943
579	Rege	Moller	18000
580	McCarthy	Arnott	3000
581	McCormick	Sibley	17750
582	Breitman	Arnot	2800
583	Temaria	Ferroni	4000
584	Carlson	Owner	6000
585	Levin	Meyers	27000
586	O'Hair	Owner	7500
587	Austin	Arnott	5600
588	Arnott	Arnott	2800
589	Moneta	Arnott	17500
590	Make	Magnuson	6352
591	McDough	Owner	13000
592	Arnott	Arnott	5600
593	Block	Owner	3500
594	Johnson	Owner	2500
595	Smith	Owner	6500
596	Meyerstein	Arnott	11600
597	Leider	Ennis	2740
598	Schiller	Owner	2000
599	Devine	Thulin	13280
600	Hayes	Conlan	13960
601	Kutner	Hogberg	6120
602	Samer	Trousdal	6115
603	Same	Sovig	1568
604	Same	Andersen	28283
605	Talbot	Vogt	7643
606	Reith	Mohler	13450
607	Hasset	MacMillen	3963
608	Lewis	Jones	9971
609	Mohe	Magnuson	6352
610	Quinn	Quinn	3000
611	Lewis	Keneally	1000
612	Weissbein	Owner	1000
613	Sharman	Owner	5600
614	Cekco	Martin	20351
615	Brilliant	Haugurud	2375
616	Lower	McCormick	11000
617	Leal	Wagner	8000
618	Leal	Wagner	8000
619	Hannon	McCormick	9000
620	Carusio	Carusio	4000
621	Weissbein	Owner	1000
622	Schell	Owner	25000
623	Gullmes	Owner	8000
624	Eisenbach	Mission	25000
625	Golden	Steinauer	10000
626	Selby	Owner	70000
627	Baumann	Anderson	4000
628	Dunn	Casty	6000
629	MacKillop	Owner	4000
630	Spring Valley	Pinkerton	8483
631	Same	Reed	2994
632	Same	Henderson	17136
633	Same	Scott	9760
634	Same	Knowles	20486
635	Same	Butte	4245
636	Same	Waterhouse	945
637	Same	Hermann	1140
638	Same	Jensen	620
639	Same	Crowe	10343
640	Same	Otis	16825
641	Same	Hillard	9050
642	Harfkins	Mager	5200
643	Moneta	Arnott	13975
644	de Greayer	Spargo	11500
645	Hanlon	Stevenson	5438
646	Reese	Stevenson	5400

DWELLING
(530) S BALBOA 90 W Forty-sixth Ave. One-story and basement frame dwelling.
Owner—Gustave Moeller, 2221 Clement St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Meyer Bros., 5326 Geary St., San Francisco. $3000

DWELLING
(531) E FORTY-SEVENTH AVE 120 S Balboa. One-story and basement frame dwelling.
Owner—Elmer H. Berryman, 2221 Clement St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Meyer Bros., 5326 Geary St., San Francisco. $3000

DWELLING
(532) W FORTY-SIXTH AVE 250 S Balboa. One-story and basement frame dwelling.
Owner—Wm. P. Ryan, 2221 Clement St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Meyer Bros., 5326 Geary St., San Francisco. $3000

DWELLINGS
(533) W FORTY-SIXTH AVE 25, 50 and 75 S Balboa. Three one-story and basement frame dwellings.
Owner—Wm. Klute, 2221 Clement St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Meyer Bros., 5326 Geary St., San Francisco. $3000 each

DWELLING
(534) E FORTY-SIXTH AVE 125 N Cabrillo. One-story and basement frame dwelling.
Owner—August Cederberg, 457 Douglas St., San Francisco.
Architect—None. $3000

DWELLING
(535) E FORTY-SEVENTH AVE 235 S Balboa. One-story and basement frame dwelling.
Owner—Gustave Moeller, 2221 Clement St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Meyer Bros., 5326 Geary St., San Francisco. $3000

DWELLING
(536) W FORTY-SIXTH AVE 222½ S Balboa. One-story and basement frame dwelling.
Owner—Wm. Kuchlenz, 2221 Clement St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Meyer Bros., 5326 Geary St., San Francisco. $3000

DWELLINGS
(537) W FORTY-SIXTH AVE 100 and 125 S Balboa. Two one-story and basement frame dwellings.
Owner—Gustave Moeller, 2221 Clement St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Meyer Bros., 5326 Geary St., San Francisco. $3000 each

STORE AND FLAT
(538) S GEARY 57-6 E Second Ave. Two-story frame store and flat.
Owner—C. W. Hayward.
Architect—H. C. Baumann & E. Jose, 251 Keaarny St., San Francisco.
Contractor—Magnuson & Peterson, 221 Noe St., San Francisco. $6000

DWELLING
(539) W THIRTY-NINTH AVE 285 N Fulton. One-story and basement frame dwelling.
Owner—William Costello, 806 York St., San Francisco.
Architect—None. $3000

DWELLING
(540) E THIRTY-EIGHTH AVE 150 N Geary. Two-story and basement frame dwelling.
Owner—A. R. Lapham, 6311 Geary St., San Francisco.
Architect—None.
Contractor — Lapham Bldg. Co., 6311 Geary St., San Francisco. $8000

FACTORY
(541) N CLARA 188-3 E Fifth. Two-story concrete Class C factory.
Owner—Jean de Greayer, % Architect.
Architect—O'Brien Bros., Inc., 315 Montgomery St., San Francisco.
Contractor—John Spargo, 315 Montgomery St., S. F. $11,000

GARAGE
(542) S GEARY 150-6 W Scott. Two story reinforced concrete public garage.
Owner—Jos. Pasquelettl, 785 Market St., San Francisco.
Architect—None.
Contractor — American Concrete Co., 785 Market St., S. F. $18,000

FRAME FLATS
(543) SE EIGHTEENTH AND LEXington Ave Two-story and basement frame (4) flats.

Owner—J. Rudolph, 84 Cordova St., San Francisco.
Architect—None.
Contractor—C Lindberg, 257 Surrey St., San Francisco. $14,375

APARTMENTS
(544) E STEINER 100 S Golden Gate Ave. Three-story and basement frame (12) apartments.
Owner—M. T. O'Brien, 1207 1st Ave., San Francisco.
Architect—H. C. Baumann and Edw. Jose, 251 Kearny St., San Francisco
Contractor—J. E. O'Brien, 1207 1st Ave., San Francisco. $30,000

DWELLINGS
(545) W FANON AVE 26 and 61 N Elmwood. Two one-story and basement frame dwellings.
Owner—Nelson Bros., 1375 Plymouth Ave., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., S. F. $3000 each

DWELLING
(546) NE FIFTEENTH AVE AND Judah. One-story and basement frame dwelling.
Owner—John E. and Ethel M. McCarthy, 1479 12th Ave., San Francisco.
Architect—None. $4000

APARTMENTS
(547) S GROVE 86 W Buchanan. Two-story and basement frame (9) apartments.
Owner—Mrs. Ellen Reite, 825 Monadnock Bldg., San Francisco.
Architect — J. C. Hladik, Monadnock Bldg., S. F. $19,500

DWELLING
(548) N JUDAH 100 E Fifteenth Ave. One-story and basement frame dwelling.
Owner—John E. and Ethel M. McCarthy, 1479 12th Ave., S. F.
Architect—None.
Contractor—John E. McCarthy, 1479 12th Ave., S. F. $3500

STORAGE ROOMS
(549) N HOWARD 50 W Eighth. One-story and part mezzanine floor rubber storage rooms.
Owner—Bothin Real Estate Co., Atlas Bldg., San Francisco.
Architect—Arthur S. Bugbee, 26 Montgomery St., San Francisco.
Contractor—Buschke & Brown, 185 Stevenson St., S. F. $8000

DWELLING
(550) SW PHELAN AND FLOOD Aves. One-story and basement frame dwelling.
Owner—Nelson Bros., 1375 Plymouth Ave., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., S. F. $3000

DWELLINGS
(551) W PHELAN AVE 37, 67, 97, 127 and 175 N Staples. Five one-story frame dwellings.
Owner—Nelson Bros., 1375 Plymouth Ave., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St. San Francisco. $3000 each

DWELLING
(552) NW PHELAN AND STAPLES Aves. One-story and basement frame dwelling.
Owner—Nelson Bros., 1375 Plymouth Ave., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., S. F. $3000

DWELLINGS
(553) E VALDEZ 50, 130, 210 and 250 N Montecito. Four one-story and basement frame dwellings.
Owner—Nelson Bros., 1375 Plymouth Ave., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St. San Francisco. $3000 each

COTTAGE
(554) W TWENTY-THIRD AVE 200 N Anza. All work for six-room cottage.
Owner—Wilbert C. Edwards.
Architect—None.
Contractor—Meyer Bros., 5326 Geary St., San Francisco.
Filed Feb. 16, '23. Dated Jan. 27, '23.
Frame up $1140
Brown coated 1140
Completed and accepted..... 1140
Usual 35 days..... 1140
TOTAL COST, $1560
Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

STORES AND FLATS
(555) S TARAVAL 57-6 W Twenty-sixth Ave S 100xW 50. Carpenter work, plumbing, plastering, electric and cement work for two-story frame store and flat building.
Owner—A. H. Behm, 3030 24th St., San Francisco.
Architect—H. S. Meinberger, 5720 California St., San Francisco.
Contractor—H. S. Meinberger, 5720 California St., San Francisco.
Filed Feb. 16, '23. Dated Feb. 16, '23.
Rough frame up.....$2500
Brown coated 2500
Completed 2500
Usual 35 days..... 2500
TOTAL COST, $10,000
Bond, none. Limit, 120 days. Forfeit, plans and specifications, none.

ALTERATIONS
(556) SE POWELL & O'FARRELL. Bulkheading, excavating, wrecking, reinforced and plain concrete work, cement work for alterations to four-story brick building.
Owner—Regan Estate Co., Mills Bldg., San Francisco.
Architect—August Nordin, Mills Bldg., San Francisco.
Contractor—Mission Concrete Co., Call Bldg., San Francisco.
Filed Feb. 16, '23. Dated Feb. 15, '23.
Bulkheading and underpinning done and structural work up to 1st story level.....$6000
Completed and accepted..... 9914
Usual 35 days..... 5305
TOTAL COST, $21,219
Bond, $10,610. Surety, Fidelity & Deposit Co. of Maryland. Limit, forfeit, none. Plans and specifications filed.

DWELLING
(557) W FIFTEENTH AVE 125 N Judah. One-story and basement frame dwelling.
Owner—M. Gaba, 1442 26th Ave., S. F.
Architect—None.
Contractor—David Leigh, 840 44th Ave., San Francisco. $4000

GLAZIER SHOP
(558) S GEARY 57-6 E Twelfth Ave., one-story frame glazier shop.
Owner—Kernan Robson et al, 1201 Nevada Bank Bldg., San Francisco.
Architect—J. Murphy, Burlingame.
Contractor — McGary & Robson, 1201 Nevada Bank Bldg., S. F. $3500

RESIDENCES
(559) SW OCEAN AVE 130, 170, 210, 250, 290, 335, 375, 415, 461, 501, 541, 581, 621, 661, 701 and 741 NW Paloma. Sixteen one-story and basement frame residences.
Owner—Urban Realty Improvement Co., 30 Montgomery St., S. F.
Architect—Leonard & Holt, 39 Montgomery St., San Francisco.
Contractor—Leonard & Holt, 39 Montgomery St., S. F. $4000 each

MILL BLDG.
(560) NO. 1375 POTRERO AVE. One-story steel frame mill building.
Owner—Jewell Steel & Malleable Co., Premises.
Architect—Barrett & Hilp, 918 Harrison St., San Francisco
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco. $10,000

ADDITION
(561) SW VAN NESS AVE AND SACramento. Four-story Class B addition to salesrooms.
Owner—Florined Co., % Architect.
Architect—Sylvain Schnaittacher, 233 Post St., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco. $40,000

RESIDENCE
(562) W CHERRY 82-6 S Jackson S 66-1 W 62-10 N 0° 30' E 10½ E 52-9. All work for two-story and basement frame residence.
Owner—Edw. and Henrietta Lewis, 952 Sutter St., San Francisco.
Architect—N. Reinhertz, 110 Sutter St., San Francisco.
Contractor—Louis J. Cohn, 110 Sutter St., San Francisco.
Filed Feb. 17, '23. Dated Feb. 16, '23.
Roof boards on.....$2187.50
Brown coated 2187.50
Completed and accepted..... 2187.50
Usual 35 days..... 2187.50
TOTAL COST, $8750.00
Bond, none. Limit, 100 days. Forfeit, none. Plans and specifications filed.

STORES AND OFFICES
(563) N GEARY 80-8 E Eighteenth Ave E 40xN 100. All work for two-story frame stores and offices.
Owner—Jacob Weissbein, 582 Market St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Meyer Bros., 5326 Geary St., San Francisco.
Filed Feb. 17, '23. Dated Jan. 12, '23.
Frame up $3664.50
Brown coated 3664.50
Completed and accepted.... 3664.50
Usual 35 days..... 3664.50
TOTAL COST, $14,658.00
Bond, $7329. Surety, Anna Meyer. Limit, 90 days. Forfeit, $10. Plans and specifications filed.

FRAME BLDG.
(564) E JULES AVE 100 N Holloway Ave 25x112-6 Lot 10 Blk 23, Lakeview. All work except painting, shades and light fixtures for one-story and basement frame building
Owner—Richard Siess, 200 14th St., San Francisco.
Architect—E. A. Neumarkel, 544 Market St., San Francisco.
Contractor—H. J. Hansen, 302 Kearny St., San Francisco.
Filed Feb. 17, '23. Dated Feb. 17, '23.
Frame up ready for roofing....$ 500
Inside plaster completed..... 1796
Completed and accepted..... 1148
Usual 35 days..... 1151
TOTAL COST, $4595
Bond, $2300. Sureties, Walter E. Hansen and N. C. Nicklassen. Limit, 80 days. Forfeit, none. Plans and specifications filed.

FRAME FLATS
(566) E CHURCH 61-6 N Army. Two-story and basement frame (2) flats.
Owner—Martin J. Dolan, 76 29th St., San Francisco.
Architect—None.
Contractor—E. Wlander, 41 Coleridge St., San Francisco. $9000

STORES AND FLATS
(566) S CLEMENT 87-6 E 18th Ave. Two-story and basement frame store and (2) flats.
Owner—N. L. Hansen, 2436 Mission St., San Francisco.
Architect—E. E. Young, 251 Kearny St., San Francisco. $7500

ALTERATIONS
(567) NO. 180 FOURTH. Alter restaurant front; construct sanitary flooring, install fixtures, etc.

Owner—V. A. Pagonis and N. K. Farris, Premises.
Architect—None. $1000

DWELLING
(568) S GILMAN AVE. 250 W Ingalls. One-story and basement frame dwelling.
Owner—Julia A. McCarthy, 1255 Gilman Ave., San Francisco.
Architect—None.
Contractor—E. W. Siegfried, 1255 Gilman Ave., San Francisco. $3000

DWELLING
(569) N GENEVA 200.77 E Madrid. Two-story and basement frame dwelling.
Owner—John Carlson, 31 Rivoli St., San Francisco.
Architect—None. $4500

ALTERATIONS
(570) NE SACRAMENTO & WAVERLY Place. General repairs for assembly hall; painting, tinting, electric work, etc.
Owner—Salvation Army, Premises.
Architect — Norman R. Coulter, 46 Kearny St., San Francisco.
Contractor—M. C. Ingraham, 665 Fell St., San Francisco. $1500

DWELLINGS
(571) N SANTA ISABEL 175, 200, 225, 250 and- 275 E Capistrano. - Five one-story and basement frame dwellings.
Owner—Walter E. Hansen, 1919 San Jose Ave., San Francisco.
Architect—None. $3000 each

RESIDENCE
(572) W THIRTY-EIGHTH AVE 155 S Clement. Two-storw and basement frame residence.
Owner—Mary A. Hardiman, 423 38th Ave., San Francisco.
Architect—None.
Contractor — M. Hardiman, 423 38th Ave., San Francisco. $7000

DWELLING
(573) E THIRTY-FOURTH AVE 200 N Fulton. One-story and basement frame dwelling.
Owner—J. B. Hassett, 2202 Anza St., San Francisco.
Architect—None.
Contractor—R. S. K. MacMillen, 2641 Howard St., San Francisco. $3000

DWELLING
(574) W TWENTY-FOURTH AVE 100 S Cabrillo. One-story and basement frame dwelling.
Owner—P. J. Feerick, 500 6th Ave., San Francisco.
Architect—Andrew H. Knoll, Hearst Bldg., San Francisco. $4000

DWELLING
(575) E TWENTY-THIRD AVE 225 N Ulloa. One-story and basement frame dwelling.
Owner—A. Haisen, 37 Fair Ave., San Francisco.
Architect—None. $2500

APARTMENTS
(576) N UNION 112-6 W Pierce 26x 110. All work for three-story and basement frame apartments.
Owner—Major Thos. C. Daniels.
Architect—Edw. Young, 251 Kearny St., San Francisco.
Contractor—Lager & Val Franz, 180 Jessie St., San Francisco.
Filed Feb. 19, '23. Dated Feb. 10, '23.
2nd story joists set.....$2985.75
Tar and gravel roof on..... 2985.75
Brown coated 2985.75
Completed and accepted..... 2985.75
Usual 35 days..... 3981.25
TOTAL COST, $15,925.00
Bond, none. Limit, 120 days. Forfeit, none. Plans and specifications filed.

APARTMENTS
(577) N GROVE 215-6 W Franklin W 64 N 68-9 W 27-6 N 68-9 E 91-6 S 137-6. All work for three-story frame apartments.
Owner—G. Demaestri.
Architect—O. R. Thayer, 110 Sutter St., San Francisco.
Contractor—E. K. Nelson, 77 O'Farrell St., San Francisco.
Filed Feb. 19, '23. Dated Feb. 16, '23.
2nd floor joists set.....$ 6,675
Ready for plaster..... 7,675
White coated 8,175
Completed and accepted 8,175
Usual 35 days..... 10,300
TOTAL COST, $41,000
Bond, $21,000. Sureties, Thillie Nelson J. Piconi, and W. H. Smith. Limit, 120 days. Forfeit, none. Plans and specifications filed.

ROLLING DOORS
(578) N NATOMA AND EIGHTH NW 75xNE 275. All work for steel rolling doors for two-story and basement reinforced concrete bldg.
Owner—Talbot Invst. Co.
Architect—J. E. Krafft & Sons, Phelan Bldg., San Francisco.
Contractor — Waterhouse Wilcox Co., 523 Market St., San Francisco.
Filed Feb. 19, '23. Dated Feb. 14, '23.
Completed and accepted.....$1443
36 days after..... 500
TOTAL COST, $1943
Bond, $1000. Surety, Globe Indemnity Co. Limit, Apr. 7, 1923. Forfeit, none. Specifications only filed.

APARTMENTS
(579) S W LARKIN AND FILBERT. All work for four-story and basehent Class C apartments.
Owner—C. A. Rege, 1609 Powell St., San Francisco.
Architect — C, O, Clausen, Hearst Bldg., San Francisco.
Contractor—Moller & De Luca.
Filed Feb. 19, '23. Dated Feb. 19, '23.
Concrete floors in basement done .....$ 323.00
Concrete poured to 2nd floor level 4418.75
All concrete walls poured... 4418.75
Completed and accepted..... 4418.75
Usual 35 days..... 4418.75
TOTAL COST, $18,000.00
Bond, none. Limit, 70 days. Forfeit, none. Plans and specifications filed.

BUNGALOW
(580) N BRUCE AVE 250 E Harold Ave E 25xN 112-6 Lot 11 Blk "C" Lakeview. All work for four-room and garage bungalow.
Owner—The McCarthy Co., 316 Bush St., San Francisco.
Plans by Contractor.
Contractor—James Arnott & Son, 235 Granville Way, San Frncisco.
Filed Feb. 19, '23. Dated Jan. 15, '23.
30 days after frame up..... 25%
30 days after brown coated... 25%
30 days after completed & accepted 25%
Usual 35 days..... 25%
TOTAL COST, $3000
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

STORE BLDG.
(581) N MISSION AND FREMONT NE 137-6xNW 137-6. Excavating, pumping, grading, shoring, bulkheading, backfilling for three-story and basement store and loft building.
Owner—Josephine C. McCormick, Isabelle and Beatrice Cebrian and Maria C. de F. de Caleya, 2031 Baker St., San Francisco.
Architect — G. A. Applegarth, Claus Spreckels Bldg., San Francisco.
Contractor—Sibley Grading & Teaming Co., 135 Landers S., S. F.
Filed Feb. 19, '23. Dated Feb. 17, '23.
On 10th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $17,750
Bond, $8875. Surety, Fidelity & Deposit Co. of Maryland. Limit, as required. Forfeit, none. Plans and specifications filed.

DWELLING
(582) NE CAPITOL AND LAKEVIEW Aves. One-story & basement frame dwelling.
Owner—Max Breitman.
Architect—None.
Contractor—James Arnott & Son, 235 Granville Way. $2600

DWELLING
(583) N CHESTNUT 174 E Laguna. 1-story and basement frame dwelling
Owner—Ottilio Temaria, 2705 Franklin St., San Francisco.
Architect—None.
Contractor—G. Ferroni & Sons, 1926 Filbert St., S. F. $4000

FLATS
(584) W COLE 27-6 S Rivoli. 2-story and basement frame (2) flats.
Owner—F. Carlson, 2639 21st St., S. F.
Architect—None. $6000

STORES
(585) NW CLEMENT AND TWELFTH Avenue. 2-story brick and frame stores.
Owner — Milton H. Levin, Chronicle Bldg., San Francisco.
Architect—Morrow and Garren, Chronicle Bldg., San Francisco.
Contractor—Meyer Bros., 5326 Geary St., San Francisco. $27,000

RESIDENCE
(586) SE CABRILLO AND FOURTH Ave. 2-story and basement frame residence.
Owner—D. L. O'Hair, 857 Mission St., San Francisco.
Architect—None. $7500

DWELLINGS
(587) W EDNA 50, 75 S Flood Avenue. 2 1-story & basement frame dwlgs.
Owner—Henry W. Austin, care McCarthy Co., 316 Bush St., S. F.
Architect—None.
Contractor—James Arnott & Son, 235 Granville Way, S. F. $2800 ea

DWELLING
(588) W EDNA 100 S Flood Avenue. 1-story and basement frame dwlg.
Owner — James Arnott, 235 Granville Way, San Francisco.
Architect—None.
Contractor — Jas. Arnott & Son, 235 Granville Way, S. F. $2800

DWELLINGS
(589) W FOERSTER 50, 75, 100, 125, 150 N Flood. 5 1-story and basement frame dwellings.
Owner — Moneta Investment Co., 233 Pacific Bldg., San Francisco.
Plans by owners.
Contractor—James Arnott & Son, 235 Granville Way, S. F. $3500 ea.

ALTERATIONS
(590) 952-954 GRANT AVENUE. Cut out brick work; install steel beams; new store front; alter stora interior.
Owner—Joe Make, 954 Grant Ave., S. F.
Architect—Chas. E. J. Rogers, Phelan Bldg., San Francisco.
Contractor—Magnuson & Peterson, 221 Noe St., S. F. $6352

FLATS
(591) SW TWENTY-FIRST & ANZA Street. 2-story and basement frame (4) flats.
Owner — M. McDonough, 22 Fairmount St., San Francisco.
Architect—None. $13,000

DWELLINGS
(592) N THIRTY-FIRST AVE. 30, 60, 90 and 120 N Irving. 4 1-story and basement frame dwellings.
Owner—Jas. A. Arnott, 235 Granville Way, San Francisco.
Architect—None.
Contractor—Jas. Arnott & Son, 235 Granville Way, S. F. $2800 ea.

DWELLING
(593) E EIGHTEENTH AVE., 364-4 N Santiago. 1-story and basement frame dwelling.
Owner—Mrs. N. Black, 27 Sharon St., San Francisco.
Architect—C. Strothoff, 2274 15th St., San Francisco. $3500

DWELLING
(594 E ANDERSON 100 N Ogden. One-story and basement frame dwelling.
Owner — Gus Johnson, 3870 22nd St., San Francisco.
Architect—None. $2500

DRY KILN
(595) S CHANNEL 1024-6 E Sixth. Dry kiln, concrete construction with "Dickey Mastertile" walls.
Owner—Wm. Smith Co., Channel St., Bet. 3rd and 4th Sts., S. F.
Architect—None. $6500

DWELLINGS
(596) W EDGEHILL WAY 100 and 150 S Garcia. Two one-story and basement frame dwellings.
Owner—Alfred L. Meyerstein.
Architect—None.
Contractor—James Arnott & Son, 235 Granville Way, S. F. $5800 each

ALTERATIONS
(597) SW SAN JOSE AVE AND 29th St. General alterations and repair for store.
Owner—J. Leider, 572 Bosworth St., San Francisco.
Architect—None.
Contractor—F. Ennis Jr., 620 Post St., San Francisco. $2740

ALTERATIONS
(598) NO. 3333 TWENTIETH. Raise dwelling 4 ft.; concrete foundation and make general repairs.
Owner—Christopher Schiller, 3227 20th St., San Francisco.
Architect—None. $2000

FRAME FLATS
(599) W FIFTEENTH AVE 200 N Balboa W 127-6xN 25. All work for two-story frame flat building.
Owner—George E. Devine, 639 Clayton St., San Francisco.
Architect—H. C. Baumann and Edw. Jose, 251 Kearny St., S. F.
Contractor—A. L. Thulin, 180 Jessie St., San Francisco.
Filed Feb. 20, '23. Dated Feb. 17, '23.
2nd floor joists in place.....$1660
Wall and roof sheathing on... 1660
Brown coated 3320
Completed and accepted..... 3320
Usual 35 days..... 3320
TOTAL COST, $13,280
Bond, $6610. Sureties, E. H. Peterson and O. F. Larson. Limit, 90 days. Forfeit, none. Plans and specifications filed.

APARTMENTS
(600) E JULIAN AVE 185 S Fifteenth 30x84 All work for three-story and basement frame apartments.
Owner—Michael and Margaret Hayes, 179 Albion Ave., San Francisco.
Architect—None.
Contractor — Edward J. Conlan, 1935 Howard St., San Francisco.
Filed Feb. 20, '23. Dated Feb. 15, '23.
Frame up and roof boards on..$3490
Brown mortar on..... 3490
Completed and accepted..... 3490
Usual 35 days..... 3490
TOTAL COST, $13,960
Bond, $9500. Sureties, Adolph Sollman and Edward Schuck. Limit, 120 days after Feb. 1, 1923. Forfeit, none. Plans and specifications filed.

BRICK WORK
(601) SW THIRD AND PERRY S 55x W 75. Brick work for three-story and basement brick building.
Owner—E. A. Lobree and A. Kutner.
Architect—Albert W. Burgren, 110 Sutter St., San Francisco.
Contractor—Emil Hogberg, 180 Jessie St., San Francisco.
Filed Feb. 20, '23. Dated Feb. 10, '23.
1st story walls up.....$2000
Completed and accepted..... 2590
Usual 35 days..... 1530
TOTAL COST, $6120
Bond, none. Limit, 15 days after joists in place. Forfeit, $15. Plans and specifications filed.

(602) SEWERS, PLUMBING AND GAS fitting on above.
Contractor—W. E. Trousdale, 1728 Sacramento St., San Francisco.
Filed Feb. 20, '23. Dated Feb. 10, '23.
Roughed in $2500
Completed and accepted..... 2085
Usual 35 days..... 1530
TOTAL COST, $6115
Bond, $3060. Sureties, Geo. J. Lee and J. P. Trouillet. Limit, fast as possible. Forfeit, none. Plans and specifications filed.

(603) PAINTING, TINTING AND wall paper on above.
Contractor — C. B. Sovig, 180 Jessie St., San Francisco.
Filed Feb. 20, '23. Dated Feb. 10, '23.
Priming done.....$500
Completed and accepted..... 676
Usual 35 days..... 392
TOTAL COST, $1568
Bond, none. Limit, as fast as possible. Forfeit, none. Plans and specifications filed.

(604) EXCAVATION, CONCRETE work, lath and plastering, damp-proofing, iron work, mill and tile work, etc., on above.
Contractor—Finn Andersen, 180 Jessie St., San Francisco.
Filed Feb. 20, '23. Dated Feb. 10, '23.
2nd floor joists in place.....$4000
Roof on 4000
Lathing done 4000
White coat plaster on..... 4000
Completed and accepted..... 5183
Usual 35 days..... 7100
TOTAL COST, $28,283
Bond, $14,500. Sureties, J. H. McCallum and Theodore De Pass. Limit, 120 days. Forfeit, $15 per day. Plans and specifications filed.

CONCRETE BLDG.
(605) N NATOMA AND EIGHTH NW 75xNE 275. Carpenter work, roofing, skylights, etc., for two-story reinforced concrete building.
Owner—Talbot Investment Co.
Architect—J. E. Krafft & Sons, Phelan Bldg., San Francisco.
Architect—Alfred H. Vogt 185 Stevenson St., San Francisco.
Filed Feb. 20, '23. Dated Feb. 19, '23.
Roof boarding on and all parts ready for asphalt & gravel roof.$3200
Completed and accepted..... 2443
36 days after..... 2000
TOTAL COST not to exceed $7643
Bond, $3900. Surety, New Amsterdam Casualty Co. Limit, Mar. 27, 1923. Forfeit, $49. Plans and specifications filed.

BUILDING
(606) W TWENTY-NINTH AVE 25 S Balboa S 75xW 90. All work for one-story and basement building.
Owner—A. H. Reith, 4121 18th St., San Francisco.
Architect—None.
Contractor—Thos. E. Mohler, 158 23rd Ave., San Francisco.
Filed Feb. 20, '23. Dated Feb. 20, '23.
Brown coated $3362.50
Rough frame up 3362.50
Accepted 3362.50
Usual 35 days..... 3362.50
TOTAL COST, $13,450.00
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications, none.

FRAME BLDG.
(607) E THIRTY-FOURTH AVE 200 N Fulton N 25xE 120. All work for frame building.
Owner—J. B. Hasset, 2202 Anza St., San Francisco.
Architect—None.
Contractor — R. S. K. MacMillen, 2641 Howard St., San Francisco.
Filed Feb. 20, '23. Dated Feb. 17, '23.
Frame up $990.75
Rough coat plaster on..... 990.75
Completed and accepted..... 990.75
36 days after..... 990.75
TOTAL COST, $3963.00
Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

FLATS
(608) W ALBION AVE 27 N Seventeenth. All work except tile work, finish hardware, water heaters, window shades, wall paper, plumbing fixtures, lighting fixtures for two-story frame flats.
Owner—Margaret Lewis, 23 Lexington Ave., San Francisco.
Architect—Thos. M. Jones, 3767 Army St., San Francisco.
Contractor—Thos. M. Jones, 3767 Army St., San Francisco.
Filed Feb. 20, '23. Dated Feb. 14, '23.
Roof on $2267
Brown coated 2267
Accepted 2270
Usual 35 days..... 2267
TOTAL COST, $9071
Bond, $4500. Sureties, Morris J. Jones and Anne M. Jones. Limit, 120 days. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(609) NO. 952-954 GRANT AVE. All work for alterations and additions to store.
Owner—Joe Moke.
Architect—Chas. E. J. Rogers, Phelan Bldg., San Francisco.
Contractor—Magnuson & Peterson, 221 Noe St., San Francisco.
Filed Feb. 20, '23. Dated Feb. 19, '23.
Ready for plaster.....$1588
Completed and accepted..... 3176
Usual 35 days..... 1588
TOTAL COST, $6352
Bond, $3176. Surety, Chas. Monson. Limit, 40 days after Feb. 20, 1923. Forfeit, $10. Plans and specifications filed.

DWELLING
(610) NW ABBEY & CHULA LANE. 1-story and basement frame dwlg.
Owner—Arthur & Barney Quinn, 3666 17th St., San Francisco.
Architect—None.
Contractor—Arthur Quinn, 3666 17th St. San Francisco. $3000

REPAIRS
(611) SW BUCHANAN & EDDY STS. New store front and other minor repairs.
Owner—C. Lewis, Sixth and Folsom Sts. San Francisco.
Architect—None.
Contractor—H. J. Kenealy, 2175 Green St., San Francisco. $1000

ALTERATIONS
(612) N FULTON 45 W 29th. Cement floor, concrete foundation, etc. for basement garage.
Owner—Jacob Weissbein, 582 Market St., San Francisco.
Architect—None. $1000

DWELLINGS
(613) E FOURTY-FOURTH AVENUE 100, 125 N Balboa, 2 1-story and basement frame dwellings.

Owner — T. L. Sharman & Son, 1440 Shafter Ave., San Francisco.
Architect—None. $2800 each

ALTERATIONS
(614) 844-50 MARKET ST. General alterations and repairs to interior & exterior of shoe store.
Owner—The Cekco Co. of San Francisco., 214 Post St., S. F.
Architect — Will H. Toepke, 72 New Montgomery St., S. F.
Contractor—William Martin, 180 Jessie St., San Francisco. $20,351

ALTERATIONS
(615) 797 MARKET ST. Alter store front.
Owner—"Brilliant," 797 Market St., S.F.
Architect—None.
Contractor—A. Haugurud, 2745 15th St. San Francisco. $2375

FLATS
(616) W NINTH AVE. 100 S Balboa. 2-story and basement frame (2) flats.
Owner—Edmond Power, 3962 26th St., San Francisco.
Architect—None.
Contractor—Thos. McCormick, 37 Hill St. San Francisco. $11,000

WAREHOUSE
(617) NE SEVENTEENTH AND WISconsin Streets. 1-story frame whse.
Owner—Real Estate Development Co., Hearst Bldg., San Francisco.
Architect—None.
Contractor—George Wagner, 251 Kearny St., S. F. $8000

WAREHOUSE
(618) N SEVENTEENTH 50 E Wisconsin. 1-story frame warehouse.
Owner—Real Estate & Development Co. Hearst Bldg., S. F.
Architect—None.
Contractor—George Wagner, 251 Kearny St., S. F. $8000

FLATS
(619) E TENTH AVE. 250 N Cabrillo. 2-story and basement frame (2) flats.
Owner—Patrick Hannon, 445 11th Ave., San Francisco.
Architect—None.
Contractor—Thos. McCormick, 37 Hill St., San Francisco. $9000

DWELLING
(620) E THIRTY-NINTH AVE. 90 S Anza. 1-story and basement frame dwelling.
Owner—S. M. Carusio, 5345 Geary St., San Francisco.
Architect—None.
Contractor—S. M. Carusio Co., 5345 Geary St., S. F. $4000

GARAGE
(621) W TWENTY-NINTH AVE. 175 S California. Concrete foundation, cem. fls., new steps, etc. for basement garage.
Owner—Jacob Weissbein, 582 Market St., San Francisco.
Architect—Bauman and Jose, 251 Kearny St., San Francisco. $1000

MFG. PLANT
(622) S BRYANT 125 W Zoe. One-story brick manufacturing plant.
Owner—Samuel Schell, 180 Jessie St., San Francisco.
Architect—None. $25,000

FRAME FLATS
(623) NE CABRILLO AND SEVENteenth Ave., Two-story and basement frame (4) flats.
Owner—V. Gullmes, 1828 Castro St., San Francisco.
Architect—None. $8000

STORES
(624) N HOWARD 152-2 W New Montgomery. One-story and basement reinforced concrete stores.
Owner—Eisenbach Co., Alexander Bldg., San Francisco.
Architect—Andrew H. Knoll, Hearst Bldg., San Francisco.
Contractor—Mission Concrete Co., New Call Bldg., San Francisco. $25,000

ALTERATIONS
(625) SE ELEVENTH AVE AND Clement. Raise and move two-story flats to rear and construct addition for store.
Owner—Golden Rule Investment Co., Russ Bldg., San Francisco.
Architect — Andrew Knoll, Hearst Bldg., San Francisco.
Contractor—S. Steinauer, 109 Cornwall St., San Francisco. $10,000

STORES
(626) SW MISSION 133-3⅜ NE Fifth. Two-story and basement reinforced concrete stores.
Owner—Selby and Henry R. Mohr, 425 Keary St., San Francisco.
Architect—W. H. Crim Jr., 425 Kearny St., San Francisco. $70,000

DWELLING
(627) W OCEAN AVE 102-4 N Cedro. One-story and basement frame dwelling.
Owner—Anderson & Sellman, 2152 Market St., San Francisco.
Architect—H. C. Baumann and Edw. Jose, 251 Kearny St., S. F.
Contractor—Fred Anderson, 2152 Market St., San Francisco. $4000

DWELLINGS
(628) N SAN BRUNO 45 E Lane and NE Cor. Two one-story and basement frame dwellings.
Owner—Chas. Dunn Clinch Co., Alaska Commercial Bldg., S. F.
Architect—H. C. Baumann and Edw. Jose, 251 Kearny St., S. F.
Contractor—John Casty, 180 Jessie St., San Francisco. $3000 each

REPAIRS
(629) NO. 530 SIXTH AVE. Repair fire damage to dwelling.
Owner—And. MacKillop, 685 40th Ave., San Francisco.
Architect—None. $4000

PLUMBING
(630) NW MASON AND DERBY N 60 xW 77-6. Plumbing work for bldg.
Owner—Spring Valley Water Co., 375 Sutter St., San Francisco.
Architect—Willis Polk & Co., Hobart Bldg., San Francisco.
Contractor—James H. Pinkerton, 927 Howard St., San Francisco.
Filed Feb. 21, '23. Dated Feb. 8, '23.
On 15th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $8483
Bond, $4300. Surety, Hartford Accident & Indemnity Co. Limit, June 15. Forfeit, $10. Plans and specifications filed.

(631) BRICK AND HOLLOW TILE work on above.
Contractor—Walter N. Reed, 185 Stevenson St., San Francisco.
Filed Feb. 21, '23. Dated Feb. 8, '23.
Payments same as above.....
TOTAL COST, $2994
Bond, $1500. Surety, Hartford Accident & Indemnity Co. Limit, June 15. Forfeit, $10. Plans and specifications filed.

(632) CARPENTRY & MILL WORK on above.
Contractor—W. D. Henderson, Monadnock Bldg., San Francisco.
Filed Feb. 21, '23. Dated Feb. 8, '23.
Payments same as above.....
TOTAL COST, $17,136
Bond, $9000. Surety, New Amsterdam Casualty Co. Limit, June 15. Forfeit, $10. Plans and specifications filed.

(633) HEATING AND VENTILATING on above.
Contractor—Scott Co., 243 Minna St., San Francisco.
Filed Feb. 21, '23. Dated Feb. 8, '23.
Payments same as above.....
TOTAL COST, $9760
Bond, $5000. Surety, New Amsterdam Casualty Co. Limit, June 15. Forfeit, $10. Plans and specifications filed.

(634) LATHING AND PLASTERING on above.
Contractor—A. Knowles, Call Bldg., San Francisco.
Filed Feb. 23, '23. Dated Feb. 8, '23.
Payments same as above.....
TOTAL COST, $20,486
Bond, $10,250. Surety, Accident and Indemnity Co. Limit, June 15. Forfeit, $10. Plans and specifications filed.

(635) ELECTRIC WIRING ON ABOVE
Contractor—Butte Electric Equipment Co., 530 Folsom St., S. F.
Filed Feb. 21, '23. Dated Feb. 8, '23.
Payments same as above.
TOTAL COST, $4245
Bond, $2200; Sureties, New Amsterdam Casualty Co.; Forfeit, $10; Limit, June 15; Plans and specifications filed.

(636) MAIL CHUTE & U. S. MAIL box on above.
Contractor — Waterhouse Wilcox Co., 523 Market St., S. F.
Filed Feb. 21, '23. Dated Feb. 8, '23.
Payments same as above.
TOTAL COST, $945
Bond, $500; Sureties, Hartford Acc. & Indem. Co.; Forfeit, $10; Limit, June 15; Plans and specifications filed.

(637) FURNISH & INSTALL. VAULT doors on above.
Contractor—Hermann Safe Co. 216 Fremont St., San Francisco.
Filed Feb. 21, '23. Dated Feb. 8, '23.
Payments same as above.
TOTAL COST, $1140
Bond, $600; Sureties, Hartford Acc. & Indem. Co.; Forfeit, $10; Limit, June 15, Plans and specifications filed.

(638 FUR. & INSTALL SHADES ON above.
Contractor—C. H. Jensen Co., 74 Montgomery St., S. F.
Filed Feb. 21, '23. Dated Feb. 8, '23.
Payments same as above.
TOTAL COST, $620
Bond, $310; Sureties, Hartford Acc. & Indem. Co.; Forfeit, $10; Limit, June 15; Plans and specifications filed.

(639) FURNISH & INSTALL GLASS, store front moulds on above.
Contractor—Crowe Glass Co., 1055 Post St., San Francisco.
Filed Feb. 21, '23. Dated Feb. 8, '23.
Payments same as above.
TOTAL COST, $10,343
Bond, $5200; Sureties, Hartford Acc. & Indem. Co.; Forfeit, $10; Limit, June 15; Plans and specifications filed.

(640) FUR. & INSTALL. PASSENGER elevator on above.
Contractor — Otis Elevator Co., 2300 Stockton St., San Francisco.
Filed Feb. 21, '23. Dated Feb. 8, '23.
Payments same as above.
TOTAL COST, $16,825
Bond, $8500; Sureties, Hartford Acc. & Indem. Co.; Forfeit, $10; Limit, June 15; Plans and specifications filed.

(641) ORNAMENTAL IRON WORK on above.
Contractor—C. J. Hillard Co., 19th & Minnesota Sts., S. F.
Filed Feb. 21, '23. Dated Feb. 8, '23.
Payments same as above.
TOTAL COST, $9050
Bond, $6000; Sureties, Hartford Acc. & Indem. Co.; Forfeit, $10; Limit, June 15; Plans and Specifications filed.

ALTERATIONS
(642) N TWENTY-FOURTH 22 E Bryant. All work for alterations to building.
Owner—Chas. Harkins.
Architect—None.
Contractor—Mager Bros., 1318 Valencia St., San Francisco.
Filed Feb. 21, '23. Dated Feb. 20, '23.
Frae up $1700
Plaster up 1700
Accepted 1800
TOTAL COST, $5200
Bond, limit, forfeit, none. Plans and specifications filed.

DWELLINGS
(643) LOTS 44, 45 AND 46 BLK 12, Sunnyside unit 1; Lots 47 and 48 Blk 12, Sunnyside unit 2. All work except painting, finish hardware, lighting fixtures, plumbing, gas fitting and sewering three one-story frame buildings.
Owner—Moneta Invst. Co., Pacific Bld., San Francisco.
Architect—None.
Contractor—James Arnott & Son, 235 Granville Way, San Francisco.
Filed Feb. 21, '23. Dated Feb. 19, '23.
Unit 1:
Frames up $2096.25
Brown coated 2096.25
Completed and accepted..... 2096.25
Usual 35 days..... 2096.25
Unit 2:
Frame up $1397.50
Brown coated 1397.50
Completed and accepted.... 1397.50
Usual 35 days..... 1397.50
TOTAL COST, $13,975.00
Bond, none. Limit, 120 days. Forfeit, $10. Plans and specifications filed.

CLASS C BLDG.
(644) N CLARA 188-3 E Fifth E 40-11 xN 80. All work except elevator for two-story Class C concrete building.
Owner—Jean de Greayer, % Architect.
Architect—O'Brien Bros., Inc., 315 Montgomery St., San Francisco.
Contractor—John Spargo, 315 Montgomery St., San Francisco.
Filed Feb. 21, '23. Dated Feb. 16, '23.
2nd floor pouren.....$2875
Building roofed 2875
Completed and accepted..... 2875
Usual 35 days..... 2875
TOTAL COST, $11,500
Bond, $5750. Sureties, E. P. Shortall and Theo. De Pass. Limit, 100 days. Forfeit, none. Plans and specifications filed.

FRAME BUILDING
(645) W BOYCE 100 S Geary 25x75. Carpenter, cement, plaster and painting, etc., for one-story and basement frame building.
Owner—J. F. and Alice R. Hanlon, 135 Boyce St., San Francisco.
Architect—None.
Contractor—L. H. Stevenson, 45 Worth St., San Francisco.
Filed Feb. 21, '23. Dated Feb. 19, '23.
Frame up $1360
1st coat plaster on..... 1360
Completed and accepted..... 1360
Usual 35 days..... 1358
TOTAL COST, $5438
Bond, none. Limit, June 1, 1923. Forfeit, none. Plans and specifications filed.

RESIDENCE
(646) W BOYCE 75 S Geary 25x75. All work for one-story and basemento frame residence.
Owner—Alfred V. and Maud D. Reese, 135 Boyce St., San Francisco.
Architect—None.
Contractor—L. H. Stevenson, 45 Worth St., San Francisco.
Filed Feb. 21, '23. Dated Feb. 10, '23.
Frame up $1350
1st coat plaster on..... 1350
Completed 1350
Usual 35 days..... 1350
TOTAL COST, $5400
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded **Accepted**

Feb. 16, 1923—N HEARST AVE 237-6 W Genessee W 37-6xN 112-6. Anders M Boe to whom it may concern.....Feb. 16, 1923
Feb. 16, 1923—NW BATTERY AND Sacramento W 275 to E Sansome by 119-6. Federal Reserve Bank of S. F. to Mosler Safe Co..Feb. 14, 1923
Feb. 16, 1923—SE SUTTER & TAYlor E 45-10xS 81-8. J S Morgan & Sons to The General Fireproofing Co.....Feb. 14, 1923
Feb. 16, 1923—W FORTY-FIRST AV 225 S Balboa 26x120. Thomas E Mohler to whom it may concern .....Feb. 16, 1923
Feb. 16, 1923—NE HAMBURG AND Flood Ave 25x100. Mrs. M G Westerberg to F Warden....Feb. 16, 1923
Feb. 16, 1923—SW MASON & EDDY S 137-6xW 137-6. Jas K Prior Jr et al to Barrett & Hilp and W P Fuller & Co.....Feb. 1, 1923
Feb. 16, 1923—E EIGHTH 39 N Heron 30x65. J S Malloch to whom it may concern.....Feb. 6, 1923
Feb. 16, 1923—W TWENTY-SECOND Ave 100 S Lincoln Way. Charles and Christian Andersen to whom it may concern.....Feb. 15, 1923
Feb. 17, 1923—E FUNSTON AVE 100 N Geary N 25xE 120. Chas Schmitz to J E Barker.....Feb. 16, 1923
Feb. 17, 1923—NW BACON 65 NE Hamilton NE 50xNW 100. Otella Hartje to Fred Pearson.Feb. 16, 1923
Feb. 17, 1923—N CALIFORNIA 197-6 W Hyde W 25xN 137-6. Pierre and Catherine Lacoume and Claudine Lacoume to Hamilton & Wesley T Costello.....Feb. 16, 1923
Feb. 17, 1923—NW EIGHTH AVE & Fulton N 100xW 80. Jas Duvaras to Mission Concrete Co..Feb. 10, 1923
Feb. 16, 1923—E CAPP 65 S 24th S 79xE 115. Joseph and Hulda L Ott to whom it may concern..... .....Jan. 27, 1923
Feb. 17, 1923—NE SCOTT AND Jackson E 255-4½xE 65. Perkins & Trowbridge to R J H Forbes... .....Feb. 13, 1923
Feb. 19, 1923—LOT 7 BLK 2986, Claremont Court. John and Grace J Chase to whom it may concern.. .....Feb. 14, 1923
Feb. 19, 1923—S GEARY 107-6 W Cook 25x100. Emil Nelson to whom it may concern.....Feb. 15, 1923
Feb. 19, 1923—PAVING DRIVEWAY at Ocean View. Southern Pacific Co to Raisch Imp Co..Feb. 10, 1923
Feb. 19, 1923—W FORTY-FIRST AV 250 S Balboa S 25xW 120. Chas H Beckman to whom it may concern.....Feb. 19, 1923
Feb. 19, 1923—W THIRTY-THIRD Ave 157 N Fulton N 32xW 120. S F Johnson to whom it may concern .....Feb. 19, 1923
Feb. 19, 1923—SE CABRILLO AND Fortieth Ave S 150xE 120; W 34th Ave 90 S Cabrillo S 30xW 120; W 40th Ave 250 N Fulton N 25xW 120. Michael and Lawrence Costello to whom it may concern..Feb. 10, 1923
Feb. 19, 1923—S WASHINGTON 165 W Scott W 27-6xS 127-8¼. Anna G Duffy to K Adler....Feb. 15, 1923
Feb. 19, 1923—W ELEVENTH AVE 125 S Kirkham. Fred Wardon to H C Hladik.....Feb. 19, 1923
Feb. 19, 1923—LOT 4 BLK 23, Sunnyvale Hd Assn. Wm J Lindecker to whom it may concern..Feb. 19, '23
Feb. 19, 1923—N FULTON 77-6 W Fourteenth Ave W 65xN 100. Oria V Bonetti to whom it may concern.....Feb. 19, 1923
Feb. 19, 1923—E FIFTEENTH AVE 125 S Cabrillo. S R Anderson to whom it may concern..Feb. 19, 1923
Feb. 20, 1923—W CURTIS 25 N Morse 25x107. Wm E and J G Grosman to whom it may concern.Feb. 16, 1923
Feb. 20, 1923—SW MARKET AND Douglass 37-6 on Douglass and 82 on Market. Schrader Estate Co to Arthur H Klahn.....Feb. 19, 1923
Feb. 20, 1923—N BRYANT 145 W 2nd W 70 N 80 E 20 N 75 E 50 S 65. Lawrence A Myers to O W Britt... .....Feb. 19, 1923
Feb. 20, 1923—S CALIFORNIA 32-6 W 24th Ave W 25xS 75. John C Thomas to whom it may concern.. .....Feb. 19, 1923
Feb. 20, 1923—S GROVE 181-3 E Clayton E 25xS 137-6. Dr F A Gawthorne to whom it may concern.....Feb. 15, 1923
Feb. 19, 1923—S ANZA 107-6 E 34th Ave S 100xE 25. John Harder to whom it may concern..Feb. 17, 1923
Feb. 19, 1923—S ANZA 132-6 E 34th Ave S 100xE 25. John Harder to whom it may concern..Feb. 17, 1923
Feb. 20, 1923—SE MINNA 155 NE Third NE 20xSE 80. Jos M Carlson to Adam Arras Co, Buschke & Brown.....Feb. 20, 1923
Feb. 20, 1923—E LARKIN 121-1½ N Green N 20xE 88-6. Victoria and Armando L Paganini to A M Hardy .....Feb. 19, 1923
Feb. 21, 1923—LOT 5 BLK 9, Lakeview. Anna J Butonn to Tomnitz & Kusich.....Feb. 19, 1923
Feb. 21, 1923—E CASTRO 199-9 S Seventeenth S 27-3xE 80. David R Eisenbach to Louis Fontanella, Ginsberg Tile Co, Peter Bradley, W P Fuller & Co, Frank J Klimm and J E Back Co.....Feb. 19, 1923
Feb. 21, 1923—N HEARST 250 E Edna. Alessandro and Louise Giovannetti to whom it may concern. .....Jan. 9, 1923
Feb. 21, 1923—LAND BDED on NW by Mission N by Silver Ave and on SE by Lisbon. Hebrew Home for Aged Disabled to Mangrum & Oter, Inc., Feb. 10; Gullfoy Cornice Wks, Feb. 10; Scott Co., Feb. 14; Central Electric Co.....Feb. 14, 1923
Feb. 21, 1923—E MISSION 103-7 S Fair Ave E 136xS 50. L Chiapparl to M E Greene.....Feb. 15, 1923
Feb. 21, 1923—483-485-487 CASTRO Abraham Nasser to Wm Horstmeyer Co.....Feb. 21, 1923
Feb. 21, 1923—N TARAVAL 24, 48, 72 and 96 E 17th Ave. J W Wright & Sons Invst Co to whom it may concern.....Feb. 19, 1923
Feb. 21, 1923—SE SEVENTH AND Cleveland S 75xE 100. Holy Trinity Church of Greek Community of S. F. and vicinity to Wm Martin.....Feb. 13, 1923
Feb. 21, 1923—SW MASON AND Eddy S 137-6xW 137-6. Jas K Prior Jr et al to Malott & Peterson, C J Hillard and Otis Elevator Co.....Jan. 24, 1923
Feb. 21, 1923—SW MASON & EDDY S 137-6xW 137-6. Jas K Prior Jr et al to The Rigney Tile Co..... .....Jan. 12, 1923

LIENS FILED

SAN FRANCISCO COUNTY

Recorded **Amount**

Feb. 16, 1923—CENTER LINE OF Lot being 72 m or l from SE King and 81 m or l from SW Third being bded by King, Berry, 3rd and 4th. W S Wetenhall Co, $290.94; Globe Indemnity Co. $1505 vs Southern Pacific Co vs Unit Construction Co. Same. Robert Trost vs Southern

Pacific Co, Unit Construction Co. Globe Indemnity Co.....$1505
Feb. 16, 1923—W NEVADA AVE 125 N Cortland Lots 15 and 16 Blk 5654 Gift Map 1. The Greater City Lumber Co vs Alphonse Pottett and J Serpa $270.95
Feb. 17, 1923—SE MARKET 206 NE Fourteenth NE 25xSE 100. J H Kruse vs Jas and Sadye C Landers and H Steiner $1207.56
Feb. 21, 1923—N NINETEENTH 186 m or l W Douglass W 33 m or l N 114 E 33 m or l S to beg. P E O'Hair & Co vs Jas C Gibson.$197.50
Feb. 21, 1923—N NINETEENTH 153 m or l W Douglas W 33 m or l N 114 E 33 S 114. P E O'Hair & Co vs Jas C Gibson $195
Feb. 21, 1923—N NINETEENTH 121-4 W Douglas W 33 m or l N 114 E 33 m or l S 114. P E O'Hair & Co vs Jas C Gibson $171.25
Feb. 21, 1923—N NINETEENTH 319 m or l W Douglas W 33 m or l N 114 E 33 S 114. P E O'Hair & Co vs Jas C Gibson.....$197.50

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded Amount
Feb. 16, 1923—SE PINE AND GRANT Ave S 77-6xE 60. Leonard Lumber Co, $200.75; S C Barnhill, $200; Monihan & Slavin, $435.95 to C S Delaney, Louise H Mahony, Frances Jolliffe and Mary Marsicano...
Feb. 16, 1923—E TWENTY-SECOND Ave 100 N Lake N 25xE 120. Amsler Sheet Metal Works to Miss Laura Goodman .....
Feb. 19, 1923—W FOURTEENTH AV 75 S Cabrillo S 25xW 100. Pacific Sheet Metal Works, Scott Co. Pope & Talbot, Holmes Planing Mill Co to Harry Moran & Harry E Walsh
Feb. 19, 1923—S LAKE 77-6 E 16th Ave S 100xE 25. E S Hanna to Agnes M Jackson and Jos C Jones
Feb. 20, 1923—SE LANSING 75 SW First. The Greater City Lumber Co to Margaret M Corley.....$88.45
Feb. 21, 1923—SW THIRD AND Perry S 55xW 75. A Lobree and Leon A Kutner to Finn Anderson, W E Trousdale, Emil Hogberg and C B Sovig.....

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

Feb. 17, 1923—E FILLMORE 82-6 N Post N 25xE 93 No. 1718 Fillmore. Mrs. Anna Blum as to improvements on property.....
Feb. 19, 1923—N JESSIE & SEVENTH NW 80xSW 80-2. Helen G Sheehy et al as to improvements on property .....
Feb. 19, 1923—NE EDDY & MASON N 85xE 43-9. W V Hollingbery and R L Wolden as to improvements on property .....
Feb. 21, 1923—NW SIXTH AND Stevenson N 30xW 75. Mary C Travers as to improvements on property .....
Feb. 21, 1923—NW EDDY AND Buchanan 230 on N Eddy by 120. The California Baking Co as to improvements on property.....

CESSATION OF LABOR

SAN FRANCISCO COUNTY

Feb. 21, 1923—W FOURTEENTH AV 224 N Cabrillo N 25xW 140. Louis S and Isabel Constine with J E Barker .....

BUILDING CONTRACTS

ALAMEDA COUNTY

$1,000 and Over Reported

The following is an Index for the

No.	Owner	Contractor	Amt.
722	Nelson	Birmingham	2600
723	Fall	Norwood	8100
724	Hale	Koski	5000
725	Wills	Porter	8000
726	Ninekirk	Owner	3500
727	Reeves	Ward	2250
728	Sweet	Owner	2000
729	Gould	Owner	2000
730	Sweet	Owner	2000
731	Mickle	Euloff	1500
732	Gratiot	Owner	1000
733	Mattison	Owner	2600
734	Young	Owner	4000
735	Clarke	Clarke	3000
736	Locke	Sutton	2300
737	Piver	Owner	1000
738	Lenon	Owner	3000
739	Baronte	Valente	3980
740	Knolty	Owner	3000
741	Fall	Norwood	8146
742	Colonial	Cobbledick	1498
743	Colonial	Dohrmann	2154
744	Broderick	Hopper	16821
745	Krumel	Flittner	4340
746	Journette	Yerrick	3234
747	Fish	Owner	4500
748	Miller	Hildebrand	30000
749	Benfegerdes	Owner	3500
750	Goodright	Stanley	3000
751	Oakland Paving	Owner	3000
752	Petersen	Hambleton	13776
753	MacDonald	Webb	9000
754	Glantz	Owner	6000
755	Hammond	Johnson	10900
756	Irvin	Frostholm	1565
757	Mattern	Sorensen	27035
758	National	Dyer	36772
759	Firby	Perrott	3500
760	Sandidge	Owner	2400
761	Seidel	Owner	3500
762	Conture	Owner	3000
763	Leonard	Peterson	9000
764	Massei	Owner	3500
765	Bordwell	Brandon	2500
766	Hudson	Owner	4000
767	Fernstrom	Fernstrom	3000
768	Beck	Griffith	2000
769	Beck	Griffith	1000
770	Beck	Griffith	1000
771	Heliotis	Counts	1000
772	Francis	Nichols	1700
773	Graham	Owner	3000
774	McCoy	McCoy	9000
775	Peters	Owner	2500
776	Brumell	Owner	3500
777	Landerholm	Schroder	4800
778	Grubb	Owner	4000
779	Davis	Owner	3900
780	Sems	Brasch	10000
781	Dorsch	Chestnut	14500
782	Jacobson	Osborn	2850
783	Price	Owner	4000
784	Jacobson	Osborn	2800
785	Jacks	Mason	6000
786	Pike	Ahnfeld	5700
787	Miller	Allen	1500
788	Maxwieler	Hamilton	6000
789	Armanino	Valente	1990
790	Abercrombie	Owner	2800
791	Worley	Owner	4000
792	Nelson	Owner	6000
793	Stolte	Owner	5900
794	Morrison	Owner	6000
795	Denman	Nelson	6000
796	Vickerson	Hambleton	19700
797	Lunt	Fish	3500
798	Murrell	Fish	3500
799	Gardner	Gardner	12700
800	Silvester	Vallerga	3000
801	Russo	Banks	1000
802	Ferretti	Cushman	5000
803	Warmington	Holm	16000
804	Union	Thelle	4800
805	Bacher	Owner	12000
806	Pfrang	Owner	6000
807	Matson	Frostholm	5000
808	Vinson	Dolan	3980
809	Vinson	Dolan	3800
810	Hill	Owner	3000
811	McCline	Owner	5500
812	Blackman	Owner	2500
813	Greene	Owen	40000
814	Kelley	Bullock	3500
815	Gold	Owner	1000
816	Darrow	Nuemacher	8000
817	Hart	Hughes	2000
818	Morgenson	Owner	12000
819	Gardiner	McWerthy	16000
820	Starkweather	Meyers	4500
821	Colt	Colt	3250
822	Bramlett	Critchett	4250
823	McClure	Owner	7250
824	Orton	Orton	8000
825	Hammarberg	Owner	3000
826	Silverman	Short	16600

DWELLING
(722) NO. 1320 ORDWAY, Berkeley. One-story 3-room dwelling.
Owner—Wm. H. Nelson, 2017 Stuart St., Berkeley.
Architect—None.
Contractor—Dudley Birmingham, 2906 Otis St., Berkeley. $2600

DWELLING
(723) NO. 2936 PIEDMONT, Berkeley. Two-story 7-room dwelling.
Owner—L. H. Fall.
Architect—None.
Contractor — Norwood & Harris, 5912 Ayala St., Oakland. $8100

DWELLING
(724) NO. 2813 PIEDMONT AVE., Berkeley. Two-story 6-room dwlg.
Owner—Charles E. Hale, 2815 Piedmont Ave., Berkeley.
Architect—John Hudson Thomas, 1st National Bank Bldg., Berkeley.
Contractor—Matt L. Koski, 47 Ramona Ave., Berkeley. $5000

DWELLING
(725) NO. 238 TUNNEL ROAD, Berkeley. Two-story 8-room dwlg.
Owner—Mrs. C. A. Wills, 1200 Shattuck Ave., Berkeley.
Architect—None.
Contractor—H. H. Porter, 2616 Cedar St., Berkeley. $8000

DWELLING
(726) NO. 1783 SONOMA ST., Berkeley. One-story 5-room dwelling.
Owner—Emma M. Ninekirk, 1810 Pacific Ave., Alameda.
Architect—None. $3500

DWELLING
(727) 4033 AGUA VISTA AVE., Oakland. 1-story 4-room dwelling.
Owner—R. E. Reeves, 1505 37th Ave., Oakland.
Architect—None.
Contractor—Percy Ward, 4016 Lyon Av. Oakland. $2250

DWELLING
(728) SE COR. AUSEON & BIRCH, Oakland. 1-story 4-room dwelling.
Owner—B. E. Sweet, 324 40th St., Okd.
Architect—None. $2000

DWELLING
(729) W EIGHTY-SIXTH AVE 45 N Holly, Oakland. 1-story 4-room Dwelling.
Owner—G. F. Gould, 2201 Harrison Blvd Oakland.
Architect—None. $2000

DWELLING
(730) W EIGHTY-SEVENTH AVE 165 S Plymouth, Oakland. 1-story 4-room dwelling.
Owner—B. E. Sweet, 324 40th St., Okd.
Architect—None. $2000

DWELLING
(731) 1030 FIFTY-THIRD ST., Oakland. 1-story 4-room dwelling.
Owner—Mrs. C. E. Mickle, 595 54th St., Oakland.
Architect—None.
Contractor—E. A. Euloff, 595 64th St., Oakland. $1500

GARAGE
(732) 2729 GLEN, Oakland. 1-story brick garage.
Owner—C. J. Gratiot, 51 Glen Ave., Okd
Architect—None. $1000

DWELLING
(733) N HEARST AVE 280 E Lincoln Ave., Oakland. 1-story 4-room dwlg
Owner—E. T. Mattison, 3629 Laguna Ave., Oakland.
Architect—None. $2600

DWELLING
(734) E HOWELL ST. 80 S Rose St., Oakland. 1-story 5-room dwelling.
Owner—Jas. H. Young, 4174 Emerald St., Oakland.
Architect—None. $4000

DWELLING
(735) N PAXTON ST, 220 W 35th Ave., Oakland. 1-story 5-room dwelling.
Owner—N. B. Clarke, 3233 E-14th St., Oakland.
Architect—None.
Contractor—H. V. Clarke, 3233 E-14th Ave., Oakland. $3000

DWELLING
(736) N PORTER ST 380 W 38th Ave., Oakland. 1-story 4-room dwelling.
Owner—W. H. Locke, 3811 Quigley St., Oakland.
Architect—None.
Contractor—J. T. Sutton, 2518 Lincoln Ave., Alameda. $2300

DWELLING
(737) W SIXTY-SECOND AVE. 300 S East Lawn. 1-story 3 room dwlg.
Owner—John Piver, 748 E-11th St., Okd
Architect—None. $1000

DWELLING
(738) 3000 SEMINARY AVE, Oakland. 1-story 4room dwelling.
Owner—J. M. Lemon, premises.
Architect—None. $3000

DWELLING
(739) 972 THIRTIETH ST., Oakland. 1-story 4-room dwelling.
Owner—G. Baronte
Architect—None.
Contractor—M. E. Valente, 5215 Lockslley Ave., Oakland. $3980

DWELLING
(740) 4656 WALNUT AVE., Oakland. 1 story 5-room dwelling.
Owner—C. D. Knolty, 1245 33rd Ave, Oakland.
Architect—None. $3000

DWELLING
(741) LOT 10 BLK B MAP ELMWOOD Berkeley. All work for dwelling.
Owner—L. H. Fall, 2725 Prince St Berk.
Architect—None.
Harris, 5912 Ayala St., Oakland.
Filed Feb. 16, 1923. Dated Feb. 14, 1923.
Frame up $2000
Int. plastered 2500
Completed and accepted 3000
Usual 35 days .....Bal.
TOTAL COST, $8146.40
Bond, none; Sureties, none; Forfeit, none; Limit, 90 days; Plans and specifications, none.

PAINTING
(742) SE FRANKLIN ST 398 NE 14th St., NE 54 SE 150, Oakland. Painting for 2-story conc. cafeteria.
Owner—Colonial Cafeteria Co.
Architect—A. Reinhold Denke, Dalzel Bldg., Oakland.
Contractor—James H. Cobbledick Co., 1818 Harison St., Oakland.
Filed Feb. 15, 1923. Dated Feb. 13, 1923.
4th day each month.....75%
Usual 35 days 25%
TOTAL COST, $1498.25
Bonds, none; Sureties, none; Forfeit, none; Limit, as soon as poss.; Plans and specifications filed.

(743) SHEET METAL SINKS, STEAM tables, scrapping tables, etc. on above etc.
Contractor — Nathan-Dohrmann Co., Geary and Stockton Sts., S. F.
Filed Feb. 15, 1923. Dated Feb. 5, 1923.
Completed and accepted $2124
TOTAL COST, $2124
Bonds, none; Sureties, none; Forfeit, $100; Limit, none; Plans and specifications filed.

DWELLING
(744) SE COR MOUNTAIN & SHARON Aves. S 56.58 SE 6.22 for pt. begin SE 65 NE 150.53 NW 40 SW 150.50. 2-story dwelling.
Owner—R. G & Florence Boyd Broderick.
Architect—Henry H. Meyers, Kohl Bldg San Francisco.
Contractor—M. E. Hopper & Son, 1117 Webster St., Oakland.
Filed Feb. 15, 1923. Dated Feb. 6, 1923.
1st day each month.....75%
36 days after.....25%
TOTAL COST, $16,821
Bond, $8411; Sureties, Globe Indemnity Co.; Forfeit, $20 day; Limit, 100 days; Plans and specifications filed.

DWELLING
(745) SE TWENTY-NINTH & S W E-17th St. SW 42nd SE 90, Oakland. 2-story frame dwelling.
Owner—Lillie & Leo Krumel, 2525 Eagle Ave., Alameda.
Architect—None.
Contractor—Jos. Flittner, 1700 35th Av Oakland.
Filed Feb. 15, 1923. Dated Feb. 14, 1923.
Frame up .....¼
Brown coated .....¼
Completed and accepted .....¼
Usual 35 days .....¼
TOTAL COST, $4340
Bond, none; Sureties, none; Forfeit, $2 day; Bonus $2 day; Limit, 75 days after Feb. 19; Plans and specifications filed.

DWELLING
(746) LOT 15 BLK 2 MAP SANTA FE Tract No. 5, Berkeley. 1-story 5-rm dwelling.
Owner—C. W. & Ethel Ellen De Journette, 5702 Gaskill St., Oakland.
Architect—None.
Contractor—A. J. Yerrick, 5255 College Ave., Oakland.
Filed Feb. 16, 1923. Dated Feb. 14, 1923.
Frame up $808.50
Plastered inside 962.75
Completed and accepted 962.75
Usual 35 days 500.00
TOTAL COST, $3234
Bond, none; Sureties, none; Forfeit, none; Limit, as soon as poss.; Plans and specifications filed.

DWELLING
(747) N BAY VIEW AV 194 E E-28th Ave., Oakland. Two-story funeral
Owner—L. C. Fish, 2153 Park Blvd., Oakland.
Architect—None. $4500

FUNERAL PARLOR
(748) NE E-FOURTEENTH AND 24th Ave., Oakland. Two-story funeral parlor.
Owner—Grant Miller, E-14th St. and 24th Ave., Oakland.
Architect—Edw. T. Foulkes, 352 12th St., Oakland.
Contractor—C. F. Hildebrand, 1700 Fremont Way, Oakland. $30,000

DWELLING
(749) N EXCELSIOR AVE 85 W Ardley, Oakland. One-story 5-room dwelling.
Owner—C. L. Benfegerdes, 2129 E-24th St., Oakland.
Architect—None. $3500

DWELLING
(750) W FIFTIETH AVE 150 N Foothill Blvd., Oakland. One-story 6-room dwelling.
Owner—Mrs. Goodright, 1919 50th Ave., Oakland.
Architect—None.
Contractor—C. B. Stanley, 1507 50th Ave., Oakland. $3000

ADDITION
(751) S McADAM 1500 E Broadway, Oakland. Add to rock bunkers.
Owner — Oakland Paving Co., 5000 Broadway, Oakland.
Architect—None. $3000

ADDITION
(752) W PIEDMONT AVE. opp Montell, Oakland. Two-story 19-room addition (7 apartments).
Owner—Mrs. Alma Petersen, 90 Rio Vista Ave., Oakland.
Architect—None.
Contractor—Fred Hambleton, 3737 13th Ave., Oakland. $13,776

ADDITION
(753) SE PENNIMAN AND THIRTY-eighth Ave and N Penniman 130 E 38th Ave., Oakland. Add to present building and erect warehouse.
Owner—Geo. MacDonald, 2884 38th Av. Oakland.
Architect—None.
Contractor—Thos. W. Webb, 4663 Fair Ave., Oakland. $9000

DWELLING
(754) NO. 668 TRESTLE GLEN ROAD, Oakland. Two-story 7-room dwlg.
Owner—C. W. Glantz, 737 Brookwood Road, Oakland.
Architect—None. $6000

DWELLING
(755) LOT 31 BLK 13 Map Lakeshore Highlands, Oakland. All work for two-story and basement frame dwelling and garage.
Owner—B. W. Hammond, 2033 38th St., Oakland.
Architect — Hutchison & Mills, 1214 Webster St., Oakland.
Contractor—S. G. Johnson, 4652 Dolores St., Oakland.
Filed Feb. 17, '23. Dated Feb. 15, '23.
Roof boards on..... ¼
Brown coated ..... ¼
Completed and accepted..... ¼
Usual 35 days..... ¼
TOTAL COST, $10,900
Bond, $5150. Surety, Globe Indemnity Co. Limit, 90 days. Forfeit, none. Plans and specifications filed.

WAFFLE SHOP
(756) TELEGRAPH, SHATTUCK AND Fifty-sixth, Idora Park, Oakland. All work for one-story frame waffle shop.
Owner—W. N. Irvin, 528 Broadway, Oakland.
Architect—Hamilton Murdock, Syndicate Bldg., Oakland.
Contractor—H. M. Frostholm, 877 Lakeshore Ave., Oakland.
Filed Feb. 17, '23. Dated Feb. 14, '23.
Completed and accepted.....$1174
Usual 35 days..... 391
TOTAL COST, $1565
Bond, none. Limit, 30 days. Forfeit, plans and specifications filed.

APARTMENTS
(757) SW SHATTUCK AV & DWIGHT Way, Berkeley. All work for two-story Class C stores and apartments.
Owner—G. A. Mattern, 100 Tunnel Rd., Berkeley.
Architect — Louis M. Upton, Clunie Bldg., San Francisco.
Contractor — Walter Sorensen, 3221 Ellis St., Oakland.
Filed Feb. 17, '23. Dated Feb. 16, '23.

Roof rafters on.....$6765
Plastered 6755
Completed and accepted..... 6755
Usual 35 days..... 6760
TOTAL COST, $27,035
Bond, none. Limit, 80 days. Forfeit, none. Plans and specifications filed.

STACK BLDG.
(758) FORTY-SEVENTH AVE & E-Tenth St., Oakland. Structural steel for Dutch stack building.
Owner—National Lead Co. of California, 485 California St., S. F.
Architect—None.
Contractor—Dyer Bros. Golden West Iron Works, Inc., 17th and Kansas Sts., San Francisco.
Filed Feb. 17, '23. Dated Feb. 14, '23.
4th day of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $36,772
Bond, $40,000. Sureties, R. W. Dyer & George H. Dyer. Limit, 85 days. Forfeit, none. Plans and specifications filed.

DWELLING
(759) NO. 1533 BEVERLY PLACE, Berkeley. One-story 6-room dwlg
Owner—Thos. W. Firby, 458 Cavour St., Oakland.
Architect—None.
Contractor—R. Perrott, 1136 Fresno St. Berkeley. $3500

DWELLING
(760) NO. 1322 CORNELL, Berkeley. One-story 4-room dwelling.
Owner—C. C. Sandidge, Berkeley.
Architect—None. $2400

DWELLING
(761) NO. 1022 COLUSA, Berkeley. One-story 6-room dwelling.
Owner—E. Seidel, 2420 Grant St., Berkeley.
Architect—None. $3500

DWELLING
(762) 4104 Allendale Ave., Oakland. One-story five-room dwelling.
Owner—Jos. Conture, 4100 Allendale, Oakland.
Architect—None. $3000

DWELLING
(763) 655 BLVD WAY, Oakland. Two-story 8-room dwelling.
Owner—L. H. Leonard, 651 Blvd. Way.
Architect—None.
Contractor—Alfred Peterson, 3918 Linwood Ave., Oakland. $9000

DWELLING
(764) 997 53D ST., Oakland. One-story 5-room dwelling.
Owner—P. Massei, Oakland.
Architect—None.
Contractor—None. $3500

DWELLING
(765) S FAIRFAX AVE 100 W 55TH Ave., Oakland. One-story 4-room dwelling.
Owner—Olive Bordwell, Hayward.
Architect—None.
Contractor—Joe Brandon, Hayward. $2500

ADDITION
(766) S FOOTHILL BLVD 100 W 28th Ave., Oakland.
Owner—Geo. Hudson, 2133 Foothill Blvd., Oakland.
Architect—None.
Contractor—None. $4000

DWELLING
(767) E LAGUNA AVE 161 N HOPKINS, Oakland. One-story 5-room dwelling.
Owner—Esther H Fernstrom, 1318 12th St., Oakland.
Architect—None.
Contractor—Chas. F. Fernstrom, Oakland. $3000

DWELLINGS
(768) W ONE-HUNDRED SECOND Ave. 111 & 146 N Birch, Oakland. 2 1-story 3-room dwellings.
Owner—F. E. Beck, 115 Warfield Ave., Oakland.
Architect—None.
Contractor—Griffith & Nickersen, 1323 96th Ave., Oakland. $1000 each

DWELLING
(769) NE COR. ONE HUNDRED SECond Ave. & Birch St., Oakland. 1-story 3-room dwelling.
Owner—F. E. Beck, 115 Warfield Ave., Oakland.
Architect—None.
Contractor—Griffith & Nickersen, 1326 96th Ave., Oakland. $1000

DWELLING
(770) E ONE HUNDRED SECOND AV. 30 N Birch, Oakland. 1-story 3-rm. dwelling.
Owner—F. E. Beck, 115 Warfield Ave., Oakland.
Architect—None.
Contractor—Griffith & Nickersen, 1324 96th Ave., Oakland. $1000

BOILER ROOM
(771) 350 PERALTA, Oakland. 1-story boiler room.
Owner—Sam Heliotis.
Architect—None.
Contractor—Fred Counts, 2336 Valley Oakland. $1000

DWELLING
(772) SE COR. PARKER & Ney Aves., Oakland. 1-story 4-room dwelling.
Owner—J. J. Francis.
Architect—None.
Contractor—H. J. Nichols, 7710 Foothill Blvd., Oakland. $1700

DWELLING
(773) 2607 SIXTY-FOURTH AV., Oakland. 1-story 5-room dwelling.
Owner—Lewis Graham, 2740 77th Ave., Oakland.
Architect—None. $3000

DWELLINGS
(774) 2234-38-42 SIXTY-SECOND AVE Oakland. 3 1-story 5-room dwlgs.
Owner—C. P. McCoy, 4314 View St., Okd
Architect—None.
Contractor—McCoy & Pach, 4314 View St., Oakland. $3000 ea.

DWELLING
(775) 1342 SIXTIETH AVE., Oakland. 1-story 4-room dwelling.
Owner — A. Peters, 3495 Davis St., Oakland.
Architect—None. $2500

DWELLING
(776) 2510 TWENTY-FIFTH AVENUE Oakland. 1-story 5-room dwelling.
Owner—John Brumell, 2504 25th Ave., Oakland.
Architect—None. $3500

GARAGE
(777) S E-TWELFTH ST. 135 E-4th Ave., Oakland. 1-story tile garage.
Owner—A. W. Landerholm, 597 42nd St. Oakland.
Architect—None.
Contractor—A. G. Schroder, 1099 66th St., Oakland. $4800

DWELLING
(778) W VIONO AV 70 N CALMAR. Oakland. One-story 6-room dwelling.
Owner—Jas. B. Gribb, 530 Hobart St., Oakland.
Architect—None. $4000

DWELLING
(779) 3539 WILSON ST. Oakland. One-story 6-room dwelling.
Owner—Geo. B. Davis, 3283 Hyde St., Oakland.
Architect—None. $3900

DWELLING
(780) 1065 ARDMORE AVE, Oakland. Two-story 8-room dwelling.
Owner—Wm. H. Sims, Oakland.
Architect—None.
Contractor—M. P. Brasch, Am. Bank Bldg., Oakland. $10,000

BRICK STORES
(781) S 19TH ST 75 W FRANKLIN, Oakland. One-story brick stores.
Owner—C. C. Dorsch, Oakland.
Architect—J. F. Narbett, 910 MacDonald Ave., Richmond.
Contractor—J. H. Chestnut, 235 Orange St., Oakland. $14,500

DWELLING
(782) LOT 19 MAP HIGGINS TRACT Berkeley. 1-story 4-room dwelling and garage.
Owner—W. H. Jacobson, 4800 San Pablo Ave., Oakland.
Architect—None.
Contractor—W. W. Osborn, 2405 Bowditch St., Berkeley.
Filed Feb. 19, 1923. Dated Feb. 15, 1923.
Frame up .....¼
Brown coated .....¼
Completed and accepted .....¼
Usual 35 days .....¼
TOTAL COST, $2850
Bond, none; Sureties, none; Forfeit, none; Limit, 60 days from Feb. 20; Plans and specifications filed.

DWELLING
(783) NO. 952 THE ALAMEDA, Berkeley. One-story 6-room dwelling.
Owner—Raymond D. Price, 1734 Tacoma Ave., Berkeley.
Architect—None. $4000

DWELLING
(784) NO. 2438 BYRON, Berkeley. One story 4-room dwelling.
Owner—Wm. H. Jacobson, Premises.
Architect—None.
Contractor—W. W. Osborn, 2405 Bowditch St., Berkeley. $2800

DWELLING
(785) NO. 2426 MARIN ST., Berkeley. Two-story 6-room dwelling.
Owner—Noel A. Jacks, Berkeley.
Architect—None.
Contractor—Mason McDuffie, Shattuck and Addison St., Bkly. $6000

DWELLING
(786) NO. 840 OXFORD , Berkeley. One-story 6-room dwelling.
Owner—Chas. Pike, Berkeley.
Architect—None.
Contractor — Harry Ahnefeld, 2123 Parker St., Berkeley. $5700

REPAIRS
(787) NO. 2526 WEBSTER ST., Berkeley. Repairs.
Owner—F. H. Miller, Premises.
Architect—None.
Contractor—F. E. Allen, 2718 Regent St., Berkeley. $1500

STORES
(788) N W COR ARLINGTON AND Grove, Oakland. One-story brick stores.
Owner—F. Maxwieler, 53rd and Grove Streets, Oakland.
ArchitectN—one.
Contractor—M. F. Hamilton, 825 Santa Fe Ave., Oakland. $6000

ADDITION
(789) 538 FORTY-SEVENTH STREET Oakland. Addition.
Owner—L. Armanino.
Architect—None.
Contractor—M. E. Valente, 5215 Locksley Ave., Oakland. $1900

DWELLING
(790) 6131 HAYES ST., Oakland. 1-story 4-room dwelling.

Owner — Abercrombie & Sonner, 2305 62nd Ave., Oakland.
Architect—None. $2800

DWELLING
(791) 197 JOHN ST., Oakland. 1-story 6-room dwelling.
Owner—M. A. Worley, 829 38th St., Okd.
Architect—None. $4000

DWELLING
(792) W PARK BLVD. 200 S Hollywood. 1-story 5-room dwelling.
Owner — Jim Nelson, 849 Monadnock Bldg., San Francisco.
Architect—None. $6000

DWELLING
(793) N SYLVAN AVE. 38 & 340 E Maple Ave., Oakland. 2 1-story 4-room dwellings.
Owner—F. C. Stolte, Laguna Ave., Okd.
Architect—None. $2950 ea.

FLATS
(794) S SIXTY-SIXTH ST. 200 N Telegraph Ave., Oakland. 2-story 8-rm. flats.
Owner—K. C. Morrison, 443 62nd St., Oakland.
Architect—None. $6000

DWELLING
(795) NO. 1018 SIERRA ST., Berkeley One-story 6-room dwelling.
Owner — J. Denman, 1026 Sierra St., Berkeley.
Architect—None.
Contractor — O. E. Nelson, 2634 Highland Ave., Oakland. $6000

APARTMENTS
(796) NO. 2971-3-5-7-9 TELEGRAPH Ave., Berkeley. Two-story 14-room stores and apartments.
Owner—Dr. J. Vickerson, 1551 8th St., Oakland.
Architect—None.
Contractor—Fred Hambleton, 3737 13th Ave., Oakland. $19,700

DWELLING
(797) NO. 1728 BROADWAY, Alameda One-story 5-room dwelling.
Owner—Geo. D. Lunt, 2418 Central Ave., Alameda.
Architect—None.
Contractor—M. H. Fish, 1333 Fountain St., Alameda. $3500

DWELLING
(798) NO. 1410 BROADWAY, Alameda. One-story 5-room dwelling.
Owner—J. J. G. Murrell.
Architect—None.
Contractor—M. H. Fish, 1333 Fountain St., Alameda. $3500

DWELLING
(799) NO. 1027 COLLEGE AVE., Alameda. One-story 4-room dwelling
Owner—V. S. Gardner, 1301 Park St., Alameda.
Architect—None.
Contractor—Robt. Gardner, 2269 Encinal Ave., Alameda. $2700

DWELLING
(800) NO. 2304 EAGLE AVE., Alameda One-story 5-room dwelling.
Owner—Joe Silvester, 2015 Lincoln Ave., Alameda.
Architect—None.
Contractor—L. Vallerga, 2839 Calhoun St., Alameda. $3000

DWELLING
(801) NO. 2843 ENCINAL AVE., Alameda. One-story 3-room dwelling.
Owner—J. Russo, 2811 Encinal Ave., Alameda.
Architect—None.
Contractor—A. E. Banks, Hotel Santa Clara, Alameda. $1000

DWELLINGS
(802) NO. 1530 AND 1534 STANTON St., Alameda. Two one-story 3-room dwellings
Owner—John Ferretti.
Architect—None.
Contractor—C. A. Cushman, 1675 85th Ave., Oakland. $2500 each

RESIDENCE
(803) NO. 3201 THOMPSON AVE., Alameda. Two-story 11-room frame residence and 2 garages.
Owner—Warmington Corp.
Architect—None.
Contractor—L. R. Holm Co., High St. and Thompson Ave., Ala. $16,000

DWELLING
(804) NO. 907 UNION ST., Alameda. One-story 6-room dwelling.
Owner—A. W. Porter, 1826 San Jose Ave., Alameda.
Architect—None.
Contractor—F. J. Theile, 2905 Madison St., Alameda. $4800

FLATS
(805) N APGAR ST. 400 W Telegraph, Oakland. 2-story 16-room flats.
Owner—Max Bacher, 1522 Franklin St. Oakland.
Architect—None. $12,000

DWELLING
(806) 5376 BELGRAVE PLACE, Oakland. 2-story 5-room dwelling.
Owner—C. J. Pfrang, 480 Forest Ave., Oakland.
Architect—None. $6000

DWELLING
(807) 675 Calmar Ave., Oakland. 1-story 6-room dwelling.
Owner—M. Matson.
Architect—None.
Contractor—H. M. Frostholm 877 Lakeshore Ave., Oakland. $5000

DWELLING
(808) N ELWOOD 170 E Jean, Oakland. 1-story 6-room dwelling.
Owner—R. B. Vinson, Syndicate Bldg., Oakland.
Architect—None.
Contractor — Leo J. Dolan, Syndicate Bldg., Oakland. $3980

DWELLING
(809) N ELWOOD 135 E Jean St., Oakland. 1-story 5-room dwelling.
Owner—R. B. Vinson, Syndicate Bldg., Oakland.
Architect—None.
Contractor — Leo J. Dolan, Syndicate Bldg., Oakland. $3800

DWELLING
(810) 6109 FOOTHILL BLV., Oakland. 1-story 5-room dwelling.
Owner—Hill & Waters, 1600 High St., Oakland.
Architect—None. $3000

DWELLINGS
(811) 2580-86 SIXTY-THIRD AVENUE Oakland. 2 1-story 5-room dwlgs.
Owner—R. O. McCline, 1315 Fruitvale Ave., Oakland.
Architect—None. $2750 ea.

DWELLING
(812) W EIGHTY-SIXTH AVE. 80 S Birch St., Oakland. 1-story 4-room dwelling.
Owner—E. L. Blackman, 4221 E-14th St., Oakland.
Architect—None. $2500

LOFT BLDG.
(813) SW COR. FOURTH AND ALICE Sts., Oakland. 3-story brick and concrete loft building.
Owner—C. L. Greeno, 381 10th St., Okd.
Architect—None.
Contractor—W. K. Owen, 852 36th Ave., Oakland. $10,000

DWELLING
(814) N HALLIDAY AV. 275 E Church St., Oakland. 1-story 5-room dwlg.
Owner—E. M. Kelley, Halliday, bet. 73rd Ave and Church, Oakland.
Architect—None.
Contractor—O. M. Bullock, 303 Hudson St., Oakland. $3500

STORE HOUSE
(815) 476 HOBART ST., Oakland. 1-story tile store house.
Owner—J. Gold, premises.
Architect—None. $1000

FLATS
(816) 264-6 HANOVER AVE., Oakland 2-story 8-room flats.
Owner—Mrs. W. H. Darrow, premises.
Architect—None.
Contractor—A. H. Nunemacher, 792 19th Ave., Oakland. $8000

DWELLING
(817) E INYO AVE. 200 N E-24th St., Oakland. 1-story 4-room dwelling.
Owner—Miss M. M. Hart, 2429 Orange Ave., Oakland.
Architect—None.
Contractor—R. Hughes, 2429 Orange Ave., Oakland. $2000

DWELLINGS
(818) NW MORAGA RD. 125, 163, 200 NE Pleasant Valley, Oakland. 3 1-story dwellings.
Owner—Morgenson Bros., 5664 Broadway, Oakland.
Architect—None. $4000 each

DWELLING
(819) N MERRITT AVE 60 E Capitol St., Oakland. 2-story 10-room dwlg.
Owner—T. M. Gardiner, 505 17th St., Oakland.
Architect—None.
Contractor—McWethy & Greenleaf, 505 17th St., Oakland. $16,000

DWELLING
(820) E MIRA VISTA AVE. 200 N Elwood, Oakland. 1-story 5-room dwelling.
Owner—R. C. Starkweather, 1744 5th Ave., Oakland.
Architect—None.
Contractor—O. W. Meyers, 3814 West St., Oakland. $4500

DWELLING
(821) W MARKET 150 N 40th St. Oakland. 1-story 5-room dwelling.
Owner—Coit Inv. Co., 306 14th St., Oakland.
Architect—None.
Contractor—Roger Coit, 306 14th St., Oakland. $3250

DWELLING
(822) E-SIXTY-SEVENTH AVE 300 N Flora St., Oakland. 1-story 5-room dwelling.
Owner—Mrs. Ruby Bramlett, 1501 52nd Ave., Oakland.
Architect—None.
Contractor—Frank Critchett, Oakland Bank Bldg., Oakland. $4250

DWELLINGS
(823) 2562-68-74 SIXTY-THIRD Ave., Oakland. 3 1-story 5-room dwlgs.
Owner—R. O. McCline, 1315 Fruitvale Ave., Oakland.
Architect—None $2750 each

DWELLING
(824) 2456 SIXTIETH AVE., Oakland. 1-story 5-room dwelling.
Owner—Orton & Wood, 6800 Trenor, Oakland.
Architect—None.
Contractor—A. E. Orton. $3000

STORES
(825) 3425-27 FRUITVALE AVE. Oakland. 1-story stores.
Owner—A. Hammarberg, 3267 Adeline St., Oakland.
Architect—None. $3000

DWELLING
(826) PTN LOT 42 MAP WILDWOOD Gardens No. 2 and port Lot 164 Map Crocker Tract, Piedmont. 2-story

and basement 10-room dwelling & garage.
Owner—Oscar Silverman, 5 Ronada Ct., Oakland.
Architect — Schirmer Bugbee & Co., Thayer Bldg., Oakland.
Contractor—Charles W. Short, 574 Rosal Ave., Oakland.
Filed Feb. 21, 1923. Dated Feb. 15, 1923.
Frame up .....¼
White coat on .....¼
Completed and accepted .....¼
Usual 35 days .....¼
TOTAL COST, $16,600
Bond, $8500; Sureties, Louise H. Short and Lucy M. Hutchins; Forfeit, none; Limit, 90 days; Plans and specifications filed.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Amount
Feb. 15, 1923—E HUMBOLDT AVE 150 S Lynde 37½x125, Oakland. L A and E Belle Peters to L A Peters .....Jan. 31, 1923
Feb. 15, 1923—LOT 237 Map Madison Square, Oakland. Marguerita F Silva to Davis & McCord..... .....Feb. 12, 1923
Feb. 15, 1923—SW COLLEGE AND Alcatraz Aves, Berkeley. Phoebe Teal to California Builders Co... .....Feb. 14, 1923
Feb. 16, 1923—LOTS 18 AND 19 BLK "A" Map Broadway and Telegraph Ave Park Tract; Lot 2 Blk "X" Map No. 2, Sbdvn Ptn Central Oakland Tract, East Telegraph Ave., Oakland. M G Kendell to California Builders Co.....Feb. 15, 1923
Feb. 16, 1923—S STANFORD AVE 102.83 W Gaskill W 41.14 S 128.20 E 40 N 138.15, Oakland. Wm O Neill to H Elmer Johnson..... .....Feb. 16, 1923
Feb. 16, 1923—SE HUMBOLDT AVE 116-8 SW Deering SW 33-4xSE 125, Oakland. Beatrice S Howe by Fred O Howe to J W Sigwald.Feb. 16, '23
Feb. 16, 1923—SE HUMBOLDT AVE 83-4 SW Deering SW 33-4xSE 125, Oakland. Beatrice S Howe by Fred O Howe to J W Sigwald.Feb. 16, '23
Feb. 16, 1923—SE HUMBOLDT AVE 50 SW Deering SW 33-4xSE 125, Oakland. Beatrice S Howe by Fred O Howe to J W Sigwald.Feb. 16, '23
Feb. 16, 1923—LOT 7 BLK 6 Map Brookdale Terrace, Okd. Thomas Griffiths to whom it may concern .....Feb. 16, 1923
Feb. 16, 1923—LOT 4 BLK 5, Map Havenscourt Tract, Oakland. Ellen McFarlane to whom it may concern.....Feb. 15, 1923
Feb. 16, 1923—PTN LOT 5 BLK 8, Map East Oakland Heights, Oakland. Ethel Schleason to whom it may concern.....Feb. 15, 1923
Feb. 16, 1923—NINTH ST., DWIGHT Way to Addison St., Berkeley. S. P. Co. to Hutchinson Co.Feb. 2, 1923
Feb. 16, 1923—LOT 5 BLK "J" Map Central Piedmont Tract, Piedmont. Lizzie S Readshaw to F L Burnett .....Feb. 16, 1923
Feb. 16, 1923—LOT 10 BLK "K" Map Toler Heights, Oakland. Ida and Carl Peterson to whom it may concern.....Feb. 10, 1923
Feb. 19, 1923—E FOURTEENTH AV 215.77 S Hampel S 40xE 125, Oakland. Richard T Care to whom it may concern.....Feb. 10, 1923
Feb. 19, 1923—SW SIXTY-FIRST Ave 80 SW Braun SW 40xSE 110, Oakland. Robert R Thomas to W F Glaser.....Feb. 17, 1923
Feb. 19, 1923—726 FORTY-FIFTH St., Oakland. Charles E Robinson to Charles C Williams..Sept. 9, 1922
Feb. 19, 1923—S 30 LOT 12 BLK "E" Map No. 2, Highland Terrace, Oakland. J L Schultze to F Petterson .....Feb. 17, 1923
Feb. 19, 1923—STANFORD AND SAN Pablo, Oakland. Southern Pacific Co to Hutchinson Co..Feb. 15, 1923
Feb. 20, 1923—PIEDMONT. C. M. McElhinney to Beach & Noble..... .....Feb. 20, 1923
Feb. 20, 1923—NW OCEAN VIEW AV 600 E Bdwy 50x113.69, Oakland. Fred A. Anderson to whom it may concern .....Jan. 27, 1923
Feb. 20, 1923—NE FOOTHILL BLVD 553.75 NW parcel land described in deed recorded Liber L deeds page 466 NE 200 for pt. to begin NE 195 NW 50, Oakland. Ernest T. Minney to Samuel V. Le Fevre..Feb. 16, 1923
Feb. 20, 1923—LOT 101 NOVA PIEDmont, Piedmont. J. E. Briscoe to whom it may concern...Feb. 17, 1923
Feb. 20, 1923—LOT 21 BLK F MAP Oakland Highlands, Oakland. Stanley Nicholls to E. L. Blackman... .....Feb. 17, 1923
Feb. 19, 1923—(1) SEVENTH ST., Castro to Peralta, Oak.; (2) Shattuck Ave., Channing Way to University Ave.; (3) Ellsworth and Durant, Berk. S. P. Co. to Hutchinson Co. .....Feb. 15, 1923
Feb. 19, 1923—NINTH ST. & Buchanan. S. P. Co. to Hutchinson Co. .....Feb. 17, 1923
Feb. 21, 1923—NE FIFTEENTH & Jackson N 100-6xE 100, Oakland. Myrtle L Royston to Sommarstrom Bros.....Feb. 21, 1923
Feb. 21, 1923—LOT 13 BLK 2/476 Map East Oakland Heights, Oakland. Anna M Johnston to J T Kingrea .....Feb. 21, 1923
Feb. 21, 1923—(1) NO. 2143 SACRAmento; (2) No. 2153 Sacramento, Berkeley. E W Olin to whom it may concern.....Feb. 19, 1923
Feb. 21, 1923—LOT 1 BLK "A" Rose Knoll, Berkeley. P E Marquis to whom it may concern..Feb. 19, 1923
Feb. 21, 1923—LOT 14 BLK 10, Northbrae Ppty, Berkeley. Irene A Lawrence to F C Stolte..... .....Feb. 16, 1923
Feb. 21, 1923—NE BAY VIEW AVE and SE Elliott NE 59.68 SE 60 SW 57 NW 60.06, Oakland. Charles H Kinney to whom it may concern.. .....Feb. 20, 1923

LIENS FILED

ALAMEDA COUNTY

Recorded Amount
Feb. 16, 1923—LOT 8 Massa Alta Tct No. 2, Oakland. Suneet Lumber Co vs T W Knibe and Minnie Beck.. .....$297.47
Feb. 19, 1923—NW EIGHTY-FIFTH Ave 80 SW Plymouth SW 40xNW 132.50, Oakland. Swift & Co vs E B Spriggs and J P Silva...$440.68
Feb. 19, 1923—NW E-THIRTY-eighth and Division N 90xW 50 Oakland. William Owen and Walter Johnson (Bungalow Fixture Co) vs J M Hogan and Grace Shoemaker $196.65
Feb. 19, 1923—N E-THIRTY-EIGHTH 50 W Division N 90xW 50, Oakland. O Borgwardt and J G Oien (as Encinal Electric Co) vs J M Hogan. B G Ball and J K Khoumrian....$57
Feb. 19, 1923—N E-THIRTY-EIGHTH 50 W Division N 90xW 50, Okd. William Owen and Walter Johnson (as Bungalow Fixture Co) vs J M Hogan, B G Ball and J K Khoumrian $147.90
Feb. 21, 1923—LOT 3 BLK 28, Melrose Heights, Oakland. M Friedman & Co vs Frank Guild, A B Christensen, D V Grevea and Mildred V Greves $55.79
Feb. 21, 1923—LOT 52 BLK 9 Map Steinway Terrace, Oakland. E K Wood Lumber Co vs L M Biller & Joseph M Hogan.....$209.76
Feb. 21, 1923—NW 105TH AVE and NE Pontiac NW 240 fm pt beg NW 200xNE 100, Oakland. Melrose Electrical Shop vs Nannie Catchings and Frank Johnson $232

RELEASE OF LIENS

ALAMEDA COUNTY.

Recorded Amount
Feb. 15, 1923—LOT 10 Map Emmons Tract, Alameda. Contra Costa Building Material Co to Geo E Garcia et al.....
Feb. 15, 1923—LOT 10 Map Emmons Tract, Alameda. Contra Costa Building Materials Co to Geo E Garcia et al $262.20
Feb. 16, 1923—N SUNNYSIDE DRIVE 603 E E-Fourteenth E 40 N 181.70 W40 S 181.68, San Leandro. California Door Co to Darling, Harding & Co et al.....$266
Feb. 16, 1923—N SUNNYSIDE DRIVE 163 NE E-Fourteenth SE 136.87 NE 60 NW 136.83 SW 60, San Leandro. Clarence A Doane to Darling, Harding & Co.....$325
Feb. 16, 1923—N SUNNYSIDE DRIVE 203 E E-Fourteenth E 40 S 180.11 W 40 N 180.14, San Leandro. California Door Co to Darling, Harding & Co et al.....$205.50
Feb. 19, 1923—LOT 81 Map 4th Ave Terrace Ext, Oakland. Sunset Lumber Co to Fred M Johnson..$3735.78

Notice of Non-Responsibility

ALAMEDA COUNTY

Feb. 17, 1923—PTN LOTS E, F, L, H, Map Ppty of Estate Elizabeth Dougherty, deceased, Alameda & Contra Costa Counties. Louis and Bertha Thompson, C. M Dougherty and Ida F Dougherty, Chas A Gale and William H Donahue as to improvements on property.....
Feb. 19, 1923—PTN LOT 174 Map Resbdvn Blk "D" Meek Est Orchards Eden Tp. H W Meek Estate Inc as to improvements on property.....
Feb. 19, 1923—LOTS 14 AND 15 BLK 3, Map Key Route Heights, Oakland. Alameda Investment Co as to improvements on property...
Feb. 20, 1923—PTN LOT 24 BLK "F" Oakland View Homestead Assn., Oakland. Charles Meyerstein as to improvements on property.....

BUILDING CONTRACTS

SAN MATEO COUNTY

LOT FIFTY-THREE AND OTHERS Saurel Creek Farm, Beresford, Cal. Furnish Kitchen equip. etc. for a 2-story hospital building.
Owner—County of San Mateo.
Architect — Will H. Toepke, 72 New Montgomery St., S. F.
Contractor—Montague Range & Furnace Co., 826 Mission St., S. F.
Filed Jan. 31, 1923. Dated Jan. 19, 1923.
1st each month 75%
Usual 35 days $1396.38
TOTAL COST $5581.50
Bond, $2790.75; Sureties, United States Fidelity & Guaranty Co.; Forfeit $10; Limit, 40 wk days; Plans and specifications filed.

BUNGALOW
PART OF LOT NINETY-THREE SAN Mateo Park Sub No. 1, San Mateo. All work for bungalow.
Owner—William & Lora A .Haynes, San Mateo.
Architect—None.
Contractor—M. C. Rench, San Mateo.
Filed Feb. 5, 1923. Dated Jan. 13, 1923.
Framed $1058.75
Brown coated 1058.75
Completed and accepted 1058.75
Usual 35 days 1058.76
TOTAL COST, $4235

Bond, none; Sureties, none; Forfeit, none; Limit, 120 wk days; Plans and specifications filed.

DWELLING
LOT 3 BLK E PARAISO PARK NEAR Uthrtan, San Mateo. All work for 2-story dwelling.
Owner—Louis J. & Edith K. Stellman, 535 Sacramento St., S. F.
Architect—None.
Contractor—Moody J. Henry, 322 Ellsworth St., San Mateo.
Filed Feb. 13, 1923. Dated Jan. 24, 1923.
Rough cpt. wk completed.....$1600
Brown coated 1600
Completed and accepted 1400
Usual 35 days 1338
TOTAL COST, $5938
Bond, none; Sureties, none; Forfeit, $5.00; Limit, by May 15 current year; Plans, none; Specifications filed.

WATER SUPPLY STEEL STORAGE tank etc. on above.
Contractor—Martin Murphy 1321 Milvia Way, Berkeley.
Filed Jan. 31, 1923. Dated Jan. 1, 1917.
TOTAL COST, $11,111.50
Bond, $5555.75; Sureties, Globe Indemnity Co. N. Y.; Forfeit, $10; Limit, 60 wk days; Plans and specifications filed.

BUNGALOW
LOT 28 BLK 16 BURLINGAME GROVE, Burlingame. All work for 1 frame bungalow and garage.
Owner—Rob. F. Colyer and Addie E. Colyer, 1411 Floribunda, Burlingame.
Architect—None.

Contractor—L. H. Stevenson.
Filed Feb. 3, 1923. Dated Feb. 1, 1923.
Framed $1139
Brown coated 1137
Completed and accepted..... 1137
Usual 35 days 1137
TOTAL COST, $4550
Bond, none; Sureties, none; Forfeit, none; Limit, 90 wk days; Plans and specifications filed.

BUNGALOW
PTN LOT 4 BLK 14, Redwood Highlands, Redwood City. All work for one-story bungalow.
Owner—Paul McCarthy, San Francisco.
Architect—None.
Contractor — Louis M. Pollard, 55 Breuster St., Redwood City.
Filed Feb. 17, '23. Dated Feb. 3, '23.
Frame up $1288
Plastered 1288
Completed 1288
Usual 35 days..... 1291
TOTAL COST, $5155
Bond, $2600. Sureties, W. P. Gray and Z. T. Thormey. Limit, before Mar. 17. Forfeit, none. Plans and specifications filed.

BUNGALOW
LOT 5 BLK 9, Easton No. 1, Burlingame. All work for bungalow.
Owner—Gladys M. Christie.
Architect—None.
Contractor—L. H. Stevenson, 45 Worth St., San Francisco.
Filed Feb. 9, '23. Dated Feb. 5, '23.
Frame up $1139
Brown coated 1137
Completed 1137
Usual 35 days..... 1137
TOTAL COST, $4550
Bond, none. Limit, 90 working days. Forfeit, none. Plans and specifications filed.

DWELLING, one-story, $7000 Ninth Ave., Kohl Acres, San Mateo; owner, J. A. Oliver; contractor, Hanner V. Hilltby.
TEMPORARY dwelling, $1000; Lot 10 Blk 2; B St., Hayward Park, San Mateo; owner, H. W. Taylor; contractor, H. W. Taylor.

BUNGALOW and garage, $3750; Lot 1 Blk. 11, Burl. Grove, San Mateo Dr., Burlingame; owner, Adel Prescot.
BUNGALOW and garage, $4800; Lot 32, Blk. 42, Easton 3, Drake Ave.; Burlingame; owner, W. F. Cordes, 1349 Cabrillo, Burlingame.
BUNGALOW and garage, $7000; Lot 9, Blk. 31, Easton 2, Cabrillo Ave., Burlingame; owner, L. C. Loyd; contractor, Putnam Bros.
BUNGALOW and garage, $4550; Lot 28, Blk. 16, Burl. Grove Capuchino Ave. Burlingame; owner, R. F. Coyler; contractor, Stephens.
BUNGALOW and garage, $3800; Lot 9, Blg. 49, Easton 4, Balboa Ave., Burlingame; owner, Harkins Bros.
BUNGALOW and garage, $4000; Lot 23, Blk. 27, Easton 2, Cabrillo Ave., Burlingame; owner, Geo. L. Emerson; contractor, A. W. Waldo, 604 North C, San Mateo.
BUNGALOW and garage, $2000; Lots 4A and LB, City of Burl; owner, Floyd W. Pearson; contractor, Frank Regan.
BUNGALOW and garage, $4000; Lot 20, Blk. 2, Vancouver Ave., Burlingame owner, R. N. Faulkner, 412 Hurlingham Avenue, San Mateo; contractor, J. W. Rutherdale Builder, Pac. Realty Co., Burlingame.
DWELLING, $5000; Lot No. 1 S. M. Park Belle Vue Ave., San Mateo; owner, Otto Olson; contractor, Otto Olson.
GRAVEL BUNKER, $5000; San Mateo; owner, San Mateo Feed & Fuel Co., 840 San Mateo; architect, Meese & Gottleaf; contractor, S. A. Born, Glazenwood.
DWELLING, 1-story, $4500; San Mateo Park Barodht Ave., San Mateo; owner, W. Haynes; contractor, M. C. Rench.
BUNGALOW and garage, $4000; Lot 27, blk. 43, Easton, Bernal Ave.; owner, J. W. Rugherdale.
BUNGALOW and garage, $5000; Lot 15 blk 5, Easton 7, Hale Drive; Burlingame; owner, Knickerbocker Bros.
BUNGALOW and garage, $4750; Lot 16, Blk. 15, Burl. Brove, Lincoln Ave., Burlingame; owner, Gustave Pagels
BUNGALOW, $4000; Lot 18, Blk. 3, Easton 1, Paloma Ave., Burlingame; owner, Geo. F. Rundel.
BUNGALOW and garage, $5000; Lot 10, Blk. 49, Easton 4, Balboa Ave., Burlingame; owner, Doris M. Arthur; contractor, H. Brown Builder.
BUNGALOW and garage, $4750; Lot 30, Blk. 1, Burl. Terrace, Edgehill Dr., Burlingame; owner, D. Houle.
BUNGALOW and garage, $6000; Lot. 8, Blk. 9, Burl. Park, Chapin Ave.; owner, H. J. De Vries.
BUNGALOW and garage, $5600; Lot 20, Blk. 2, Burl. Park, 4 Walnut Ave., Burlingame; owner, C. H. Bassett Building Co.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded Accepted
Feb. 10, 1923—LOT 4 BLK C HAYward Park, San Mateo. Gladys S. and John R. Fairbanks to F. H. Boring .....Feb. 6, 1923
Feb. 18, 1923—LOT 7 BLK 29 EASton No. 2 Burlingame. Ernest C. Douglas to Chris Sorson & Son .....Feb. 1, 1923
Feb. 13, 1923—LOT 12 BLK 11, BURlingame Terrace, Burlingame. H. W. Taylor to whom it may concern .....Jan. 3, 1923
Feb. 17, 1923—SW VANCOUVER AND Broadway (Roosevelt School), Burlingame. Burlingame Grammar School Distt to Chas Pederson..... .....Feb. 3, 1923
Feb. 17, 1923—MARTIN SUB STAtion, Visication Valley. Pacific Gas & Elec Co to Lawson & Drucker .....Feb. 6, 1923
Feb. 17, 1923—PTN LOTS 18 AND 19 Blk "T" Mission St. Land Co. Tct, Daly City. Charles and Anastasia Gust W F Lovell.....Feb. 15, 1923
Feb. 17, 1923—MILBRAE, Cattle Viaduct. Mills Estate Inc. to E M Whipple.....Feb. 14, 1923

LIENS FILED

SAN MATEO COUNTY

Recorded Amount
Feb. 16, 1923—LOTS 1 AND 2 BLK 74 Easton Addition, Redwood City. William P Jamison vs Hattie H Mehrten and Jennie P Benedict and Lambert & Walters $120
Feb. 19, 1923—LOT 7 BLK 37, Lyon & Hoag Sub, Burlingame. Charles G Adams vs William A Sheehan.$855.80
Feb. 19, 1923—LOT 8 BLK 57, Easton No. 6, Burlingame. L E Whitte vs A B Collins.....$857.58

RELEASE OF LIENS

SAN MATEO COUNTY

Recorded Amount
Feb. 15, 1923—PTN LOT 56, Town of Mezesville, Redwood City. William Jamison to J B Perry, Frank Ebner and W A Sullivan $152.24
Feb. 16, 1923—LOT 28 BLK "C", Mission St. Tract, Daly City. Greater City Lumber Co to Isadore and H G Gottfried $115.65

CESSATION OF LABOR

SAN MATEO COUNTY

Feb. 16, 1923—E ½ LOTS 1 AND 2 Blk 8 Sub No. 2, Burlingame Park, Burlingame. Gus H and Hatie Abendrath with Alfred C Dahl. Work ceased.....Jan. 6, 1923

BUILDING CONTRACTS

SANTA CLARA COUNTY.

$1,000 and Over Reported

ADDITION
LOT 32 BLK 5, Patrick J. Martin Sub. Blk 5, Palo Alto. All work for one story addtiition to rear of store at 170 University Ave.
Owner—Marion L. Pitman.
Architect—None.
Contractor—Charles P. Baker.
Filed Feb. 8, '23. Dated Feb. 7, '23.
Walls up ..... ¼
Plastered ..... ¼
Completed ..... ¼
Usual 35 days..... ¼
TOTAL COST, $3305
Bond, $1655. Sureties, Royal T. Heath and Samuel Pedgrift. Limit, 60 working days after Feb. 7. Forfeit, none. Plans and specifications filed.

WAREHOUSE, $1950; Rear 62 W San Fndo, San Jose; owner, San Jose Hdwe Co., 62 W San Fernando, San Jose; architect, C. S. McKenzie, Bk of San Jose Bldg., San Jose; contractor, J. O. Field & Son, Almaden & Kooser Road, San Jose.
COTTAGE, 4-room, $2700; 700 Blk S 7th, San Jose; owner, J. M. Mace; architect, A. Willmott; contractor, Willmott Bros.

APARTMENTS
E S-EIGHTH ST., bet. San Antonio and San Carlos Sts., San Jose. Plumbing work for apartment house.

Owner—Mrs. C. H. Bramkamp, 281 S-11th St., San Jose.
Architect—None.
Contractor—Herman Moltzen, 85 E-San Fernando St., San Jose.
Filed Feb. 9, '23. Dated Feb. 7, '23.
Roughed in and tested by inspector 50%
Completed 25%
36 days after..... 25%
TOTAL COST, $1489
Bond, limit, forfeit, none. Specifications only filed.

COTTAGE, 4-room, $2750; San Carlos nr. 6th, San Jose; owner, Mrs. A. Barker, 248 No. 6th, San Jose; contractor, H. A. Bridges, Pine and Lincoln, San Jose.
COTTAGES, 2, 5-room, $2700 each; Atlanta and Delmas, San Jose; owner, L. C. Rossi.
COTTAGE, 5-room, $3000; Eleventh nr Empire, San Jose; owner, S. De Cola.
COTTAGE, 4-room, $1200; 18th nr. Julian, San Jose; owner, Josephine Jones; contractor, E. F. Kelsey.
COTTAGE, five-room, $4500; Clintonia St., near Coe, San Jose; owner, F. S. Taylor; architect, Wyckoff & White, Growers Bank Bldg., San Jose.
ALTER front, $2770; Third and Santa Clara Sts., San Jose; owner, Odd Fellows Hall Assn., Premises; contractor, Jorgensen & Thorny.
ALTER into apartments, $1500; Third and Margaret Sts., San Jose; owner, Mrs. A. F. Currier, 170 N-9th St., San Jose; contractor, H. R. Sherman, 528 Chapman St., San Jose.
COTTAGE, 5-room, $2500; Eighth St. Peres, 1082 S-Eighth St., San Jose.
COTTAGE, four-room, $1000; Emory St. nr Irvine, San Jose; owner, Maria Alfemessa.
COTTAGE, five-room, $2500; Ninth St. near Virginia St., San Jose; owner, G. S. Carpenter.
TWO family house, $6000; 12th and San Carlos Sts., San Jose; owner, Geo. Kicher; architect, Wolfe & Higgins, Auzerais Bldg., San Jose.
COTTAGE, 5-room, $2500; Floyd St. near Mastic, San Jose; owner, J. E. Gustafsen, 66 Floyd St., San Jose.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Accepted
Feb. 10, 1923—PTN LOTS 1 AND 2 Blk 5, Prevost's Survey, San Jose. Mary E & Wm G Mitchell to Wm Regel.....Feb. 3, 1923
Feb. 13, 1923—S JULIAN ST. about 50 ft W 20th St., San Jose. Mrs Mary McMahon to Hastings Bros .....Feb. 10, 1923
Feb. 13, 1923—PTN LOTS 11 AND 12 Blk 16 of D. Divine's Survey No. 2. San Jose. Andrea Ciccarello to whom it may concern..Feb. 10, 1923
Feb. 13, 1923—E MORSE AVE., bet. Fremont & Randall Sts., near San Jose. Edwin F Mosher to Hastings Bros.....Feb. 7, 1923
Feb. 13, 1923—PTN LOTS 1 AND 2 BLK 1 N R 6 W Miller & Lux Western Addition to Gilroy. John Ricksheim to whom it may concern.....Feb. 8, 1923
Feb. 13, 1923—LOTS 1 TO 5, incl.; 9 to 11, incl, McCreery Sub., San Jose. J W Vickers to whom it may concern.....Feb. 6, 1923

LIENS FILED

SANTA CLARA COUNTY

Recorded Amount
Feb. 13, 1923—N 60 LOT 3 BLK 1, N R 4 E, Gilroy. S F Prouty vs Julian J and Hope E Keller.....$100

RELEASE OF LIENS

SAN MATEO COUUTY

Recorded Amount
Feb. 20, 1923—LOTS 55, 56, 57 AND 58 Blk 8, North Fair Oaks. Dudfield Lumber Co to Joseph and Jennie Connolly and Anglo Calif Trust Co $187.20

BUILDING CONTRACTS

CONTRA COSTA COUNTY

GARAGE, one-story hollow tile, $3600; NW 23rd and Lincoln Sts., Richmond; owner, T. C. Browne, 23rd & Macdonald Ave., Richmond; contractor, The Miner Co., 23rd and Macdonald Ave., Richmond.
DWELLING, one-story frame, $2000; E-30th bet. Roosevelt and Clinton Sts., Richmond; owner, R. F. Bonham, 25th and Macdonald Ave., Richmond; contractor, K. J. Henning, Highland and Yosemite Sts., Richmond.
DWELLING, one-story frame, $2600; E Amador, bet. Sierra and Clinton Sts., Richmond; owner, East Richmond Heights Land Co., 23rd and Macdonald Ave., Richmond; contractor, K. J. Henning, Highland and Yosemite Sts., Richmond.
DWELLING, one-story frame, $2500; W Humboldt bet. Sierra and Clinton Sts., Richmond; owner, East Richmond Heights Land Co., 23rd and Macdonald Ave., Richmond; contractor, K. J. Henning, Highland and Yosemite Sts., Richmond.
DWELLING, one-story, $2600; W 18th St., bet. Bissell and Chanslor Sts., Richmond; owner, O. C. Gasper, 1810 Chanslor St., Richmond; contractor, W. Snelgrove, 160 18th St., Richmond.
THREE dwellings, one-story frame, $3000, $2500 and $2000 respectively; NE Cor. and E Wilson St., bet. Barrett and Roosevelt also N Barnett St., bet. Wilson and San Pablo Sts., Richmond; owner, K. J. Henning, Highland and Yosemite Sts., Richmond.

BUILDING CONTRACTS

SACRAMENTO COUNTY

$2,500 and Over Reported

BUILDING, five-story, $271,227; Lots 1, 2, 3, and 4, L, M, 28th and 29th Sts., Sacramento; owner, Sutter Hospital Assn.; contractor, G. Wagner; contract recorded Feb. 13, 1923.
DWELLING, one-story 4-room, $2500; No. 1464 51st St., Sacramento; owner, H. S. Meinardi, 1484 61st St., Sacramento; contractor, Philip Wolf Jr.

PIERCE-BOSQUIT
Abstract & Title Co.
Capital Stock $100,000
Sacramento, Placerville, Nevada City, Reno
SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

DWELLING, one-story 6-room stucco and garage, $6000; No. 3540 H St., Sacramento; owner, W. G. Stone, 624 11th St., Sacramento; contractor, E. A. Erricksen.
DWELLING, one-story 4-room stucco dwelling and garage, $2850; owner, W. B. Wingate, 3000 2nd Ave., Sacramento; contractor, W. F. Fratis, 2501 G St., Sacramento.
DWELLING, two-story 7-room and garage, $8500; No. 1100 44th St., Sacramento; owner, J. C. Boyd, 1227 L St., Sacramento; contractor, E. Tweed, 1523 K St., Sacramento.
DWELLING, one-story 4-room and garage, $3000; No. 4556 12th St., Sacramento; owner, John McGreggor, 813 J St., Sacramento; contractor, E. D. Brier, 813 J St., Sacramento.
DWELLING, one-story 5-room and garage, $2950; No. 941 33rd St., Sacramento; owner, Geo. Burton, 2918 K St., Sacramento.
DWELLING, one-story 5-room and garage, $2750; No. 2625 41st St., Sacramento; owner, Herman H. Schmidt, 1100 K St., Sacramento; contractor, H. Brick, 916 17th St., Sacramento.
DWELLING, one-story 5-room and garage, 3350; No. 3017 U St., Sacramento; owner, Louis M. Taylor, 1215 17th St.; contractor, F. P. Williams, 4440 San Benito Way, Sacramento.
DWELLING, one-story 5-room and garage, $3350; No. 841 Mission Way, Sacramento; owner, Louis M. Taylor, 1215 17th St., Sacramento; contractor, F. P. Williams, 4440 San Benito Way, Sacramento.
DWELLING, one-story 5-room and garage, $2800; No. 2016 Fifth St., Sacramento; owner, Mrs. O. Zoller, 1923 17th St., Sacramento; contractor, E. R. Beebe, 916 38th St., Sacramento.
ADDITION, four rooms, $26,300; Sierra School, No. 2801 24th St., Sacramento; owner, Sacramento City School District; contractor, H. W. Robertson, 1103 37th St., Sacramento.
BUILDING, frame, 2-story, $6100; W½ Lot 6, T & N, 23-24; owner, Frank J. O'Brien, 1514 17th, Sacramento; contractor, Barton & Kopp. filed Feb. 17, dated Feb. 15.
ADDITION to Leland Stanford School, $23,853; Oak Park, Sacramento; owner, Sacramento City School District; contractor, Geo. C. Hudnutt, Calif. Fruit Bldg., Sacramento; recorded Feb. 17, 1923.
FLAT BLDG., 2-story, $12,500; 1538 38th St., Sacramento; owner, H. Eiler, 2321 E St., Sacramento; contractor, A. W. Norris, 3012 G St., Sacramento.
DWELLING, 2-story 8-room and garage, $6000; 2317 W St., Sacramento; owner, F. J. O'Brien, 1514 19th St., Sacramento; contractor, Barton & Kopp, 617 J St., Sacramento.
DWELLING, 1-story 8-room, $7150; 1526 25th St., Sacramento; owner, Mrs. C. Duncan, 1821 O St., Sacramento; contractor, C. Vanina, 2022 M St., Sacramento.
DWELLING, 1-story 5-room, $3000; 3817 Y St.; owner, H. M. Richards, 5121 San Fernando Way, Sacto.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Accepted
Feb. 9, 1923—N ¼ LOT 8 T, U, 5th and 6th Sts., Sacramento. C Valine to whom it may concern.Feb. 8, 1923
Feb. 16, 1923—LOT 312 Elmhurst. Walter J Long to whom it may concern.....Feb. 3, 1923

LIENS FILED

SACRAMENTO COUNTY

Recorded Amount

Feb. 17, 1923—LOT 17 BLK 2, North Sacramento Sub. No. 1, Sacramento. Western Lumber Co vs Anna C Harwood $1777.42

Feb. 9, 1923—W ½ LOT 8, N, O 12th and 13th Sts., Sacramento. Barton & Handlin vs Bessie Bessinger... .....$189.50

Feb. 10, 1923—E ¼ SEC. 18, 13-23, Sacramento. County of Fresno vs Marguerite B Teague.....$16

Feb. 10, 1923—W 30 OF E ½ OF NE ¼ Sec 29 T & R 5, Sacramento. Sunset Lumber Co vs H M Day.$92.20

Feb. 10, 1923—LOT 35, Urban Court, Sacramento. Sunset Lumber Co vs Miss Christine Cornelius.....$62.41

Feb. 15, 1923—LOT 1928, Elmhurst. E S Carpenter vs A M Bonner...$130.02

Feb. 17, 1923—N 50 FT. LOT 1928, Elmhurst. A M Bonner to whom it may concern.....Feb. 10, 1923

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

$2,500 and Over Reported

RESIDENCE, $4500; No| 829 W-Vine St., Stockton; owner, C. E. Pike, 118 N-California St., Stockton.

RESIDENCE, $3000; No. 1602 E-Lindsay St., Stockton; owner, S. Solani.

BUILDING, $5450; Lot 7 Blk "A," Murphy Tract, Stockton; owner, A. S. Busalacchi, 31 E-Channel; contractor, M. A. Orcutt, 620 N-Grant St., Stockton; filed Feb. 23; dated Feb. 16; limit, 75 days.

BUILDING, $11,600; Lots 11 and 12 Blk 10, Tuxedo Park No. 2, Stockton; owner, Dr. J. Sterling Cochrane, 217 N-Tuxedo Ave., Stockton; contractor, Sterling Bldg. Co.; filed Feb. 16; dated Jan. 24; limit, 120 days.

RESIDENCE, $4,800; 921 Weat Oak St., Stockton; owner, W. E. French, 722 N-Harrison St., Stockton; contractor, A. O. Tyler, 2402 N-Hunter St., Stockton.

RESIDENCE, $3,000; 1544 E. Lindsay St., Stockton; owner, S. Solani, Stockton.

GARAGE, $11,500; No. 240 W-Fremont St., Stockton; owner, A. Truscott, 537 N-Monroe St., Stockton.

RESIDENCE, $6,500; 310 West North St., Stockton; owner, J. Denubilio, Stockton.

RESIDENCE, $6,000; 702 West Oak St., Stockton; owner, W. E. French, 722 N-Harrison St., Stockton; contractor, J. E. Lease.

RESIDENCE, $2,750; 1312 E. Flora St., Stockton; owner, J. Peirrano, Stockton.

MARKET, $40,000; East and Channel Sts., Stockton; owner, San Joaquin Market Association, Stockton.

REMODEL, $5,000; 1102 N-Hunter St., owner, T. F. Baxter, No. 1043 N-El Dorado St., Stockton.

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded Accepted

Feb. 14, 1923—UNION HIGH SCHOOL (Grandstand), Lodi. Board of Trustees Lodi Union High School to R W Moller.....Feb. 1, 1923

Feb. 16, 1923—BLK 8 E, and Lot 14 and E 33.86 ft. Lot 4 E of Center St., Stockton. L E Renney to H E Crickroy.....Feb. 16, 1923

Feb. 20, 1923—JACKSON GRAMMAR School Bldg. (heating plant), Stockton. Board of Education to Edw L Gnekow.....Feb. 15, 1923

LIENS FILED

SAN JOAQUIN COUNTY

Recorded Amount

Feb. 19, 1923—LOT 14 BLK 34 E of Center St., Stockton. Sampson Gray Lumber Co vs Louis Armanino, M Tabacco, Chas Garfield and Nat. Surety Co. of N. Y.....$2688.57

BUILDING CONTRACTS

FRESNO COUNTY.

$5,000 and Over Reported

DWELLING, $6500; No. 725 McKinley Ave., Fresno; owner, Ralph Snyder, 1009 Roosevelt St., Fresno; contractor, Roy Martin.

SODA works, $5000; No. 1326 F St., Fresno; owner, Watson Bros.

DWELLING, $6000; No. 2165 Illinois Ave., Fresno; owner, A. K. Harbison, 1330 Thorn St.

COMPLETION NOTICES

FRESNO COUNTY

Recorded Accepted

Feb. 15, 1923—LOTS 9 AND 10 BLK 3, Roeding Addition, Fresno. C C Buckman to whom it may concern .....Feb. 14, 1923

Feb. 15, 1923—LOTS 43 & 44, Stivers Tract No. 3, Fresno. M A Stivers to whom it may concern.Feb. 10, '23

Feb. 15, 1923—LOTS 1 AND 2 BLK 8, Roeding Addition, Fresno. R N Chambers to whom it may concern .....Feb. 13, 1923

Feb. 16, 1923—LOTS 3, 4, AND 5 BLK 5, Torrance Terrace, Fresno. C S Goodenough to whom it may concern.....Feb. 15, 1923

Feb. 16, 1923—LOTS 4, 5 AND 6 BLK 8, Hazelwood. Jas C Morris to whom it may concern..Feb. 15, 1923

Feb. 17, 1923—LOTS 34 TO 37, Maywood. W B Berton and P A Wolff to whom it may concern..Feb. 14, '23

Feb. 17, 1923—LOT 22, Normal Villa, Fresno. G E Veale to whom it may concern.....Feb. 16, 1923

Feb. 17, 1923—LOTS 1 AND 2 BLK 6, Alhambra Tract, Fresno. H C Plotts to whom it may concern... .....Feb. 16, 1923

Feb. 19, 1923—LOT 7 BLK B Bloomington Addition No. 2, Fresno. Geo Fathy to whom it may concern.. .....Feb. 17, 1923

Feb. 20, 1923—LOT 36 W ½ LOT 37 Blk 6, Torrance Terrace, Fresno. H E Guynn to whom it may concern .....Feb. 17, 1923

Feb. 20, 1923—LOTS 34 AND 35 BLK 6, Torrance Terrace, Fresno. B G Townsend to whom it may concern .....Feb. 17, 1923

LIENS FILED

FRESNO COUNTY

Recorded Amount

Feb. 15, 1923—W 50 FT. LOT 11, E 25 ft. Lot 12 Blk 17, Alta Vista Tract, Fresno. Geo Coulter vs R W Watson and M L Wertheimer.....$70

Feb. 15, 1923—SE 20 FT. LOT 5 BLK "H", Selma. Valley Lumber Co vs B O Youngman and J E Wiley..$52

Feb. 15, 1923—LOTS 25 TO 28 BLK 71, Fresno. Evans Plumbing & Heating Co vs Alex Gust and W Parker Lyon $200

Feb. 17, 1923—E 10 FT. LOT 6, LOT 7, W 20 ft. Lot 8 Blk 6, College Addition, Fresno. Maisler Bros vs L C Levy $1120

Feb. 17, 1923—E 10 FT. LOT 6, LOT 7, W 20 ft. Lot 8 Blk 6, College Addition, Fresno. Smith Hardware Co vs Louis C Levy and Edw Schary $185

Feb. 17, 1923—LOTS 41 AND 42 BLK 5, Torrance Terrace, Fresno. Midstate Pipe & Supply Co vs Mary E Torrance $215

Feb. 17, 1923—LOTS 43 AND 44 Madren Park, Fresno. Midstate Pipe & Supply Co vs H A Selby and John J Mulvy $224

Feb. 17, 1923—W ½ LOT 11, LOT 12 Blk 17, Alta Vista Tract, Fresno. W F Bogart vs R W and Jennie Watson and Valley Constr. Co..$58

Feb. 20, 1923—LOTS 7 AND 8 BLK 2 Dean Addition, Fresno. M Gashagorzian vs B R Torosian $370

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SAN FRANCISCO, CALIF., MARCH 3, 1923

Published Every Saturday
Twenty-third Year No. 9

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San Francisco Los Angeles

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

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Devoted to the Engineering, Architectural, Building and Industrial Activities of the Pacific Coast.

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Fresno Builders' Exchange
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PAYMENTS ON WAR CONTRACTS TO BE EXPEDITED

Secretary Weeks recently announced a new plan to expedite settlement of war contracts. He assigned Colonel J. A. Hull, who has been acting judge advocate general of the Army, to the task of arranging quick settlements for disposing of contracts involving more than 150,000 cases.

All contracts previously passed upon by the war claims board will be reviewed and audited under Colonel Hull's supervision. This work, initated under Secretary Baker, would have required, Secretary Weeks said, another five years. Under the new plan it is hoped the delay will be greatly reduced.

Honest contractors, some of whom lost rather than profited by the war work, Secretary Weeks said, would be the first to receive settlement. The war secretary said it was his intention to clear all honest contractors of any suspicion, as well as discover those cases in which evidence of fraud might be found. Wherever suspicion of fraud was found, it was added, the papers would be submitted to the Department of Justice for action. Reviews and audits of cases already passed upon by the war claims board, Secretary Weeks explained, had resulted in a return to the Government of about $15,000,000.

Unfilled orders on the books of Oregon lumber mills at the close of February showed an increase instead of a decrease. The market is remarkably strong and demand shows no sign of slackening.

S. F. SECOND U. S. CITY IN CONVENTIONS HELD

San Francisco ranked second among the cities of the United States in the number of conventions held during 1922, and $40,000,000 was spent by 500,000 persons who attended conventions in San Francisco last year, according to E. H. Merrill, chairman of the executive committee of the San Francisco Convention and Tourist league.

The conventions held in 1922, according to Mr. Merrill, were distributed as follows: Chicago, 113; San Francisco, 111; New York, 106; Philadelphia, 57; Cleveland, 51; Boston, 50; Kansas City, 49; Milwaukee, 39; Washington, D. C., 37; St. Louis, 36; Detroit, 29; Minneapolis, 25; Cincinnati, 23; Denver, 19; New Orleans, 18; Los Angeles, 18; St. Paul, 17; Seattle, 12; Portland, 6; Spokane, 5, and San Diego, 1.

IRREGULARITY CHARGED IN GERBER SCHOOL CONTRACT

Charges of irregularity in the proceedings of the Gerber School District Trustees by which a contract was awarded last December to V. E. Hart for the construction of a new school, are incorporated in a complaint filed with the Superior Court at Red Bluff, by Allison Ware of Chico, representing J. G. Branstetter of Gerber, in a suit against Hart, the school district, S. E. Conrad, D. D. Liddell, D. B. Langenwalter and B. V. McKenna, as trustees and George De Shields, county auditor.

Brandstetter asks that an injunction be issued against the defendants pending the action, enjoining them from obtaining further funds for building the school house, now under construction, and that upon the trial of the action the injunction be made permanent.

The complaint alleges that at the time of the pretended execution of the contract for construction of the building there was $26,421.30 to the credit of the district, and on November 18, 1922, Hart submitted a bid to build the proposed structure for $26,900.

On November 20, 1922, the school board opened the bids and adopted a resolution accepting Hart's bid. At the same time, the complaint alleges, the trustees directed the architect to revise the plans and specifications, making changes so the building could be constructed for $24,500. On December 4, 1922, Hart signed a contract for the work on the original $26,900 plans. Under the amended plans the value of the completed structure would be at least $6,000 less.

The plaintiff claims Hart was the only contractor given an opportunity to submit a bid.

Brandstetter also alleges the entire proceedings in this connection were illegal and void, because none of the district school trustees' meetings at which these acts were done and resolutions adopted had ever been legally called. He declares the trustees already have issued warrants in favor of Hart in large sums as payments upon this pretended contract and that he and the trustees knew the changes made in the building plans made the value at least $6,000 less than the original plans.

Warrants to the amount of $9,100 have been drawn in favor of Hart for work on the new school.

ARCHITECTURAL COURSE AVAILABLE THROUGH U. S. EDUCATIONAL COMMISSIONER

The United States Commissioner of Education, John J. Tigert, offers a new course for home reading on "How to Know Architecture." This course is offered to those who are interested in the art of architecture. The books in this list have been selected by Richard F. Bach, Associate Director of the Metropolitan Museum of Art of New York City. The list contains titles of readable books on the history, evolution and development of architecture and on the enjoyment of architecture and some practical works on architecture.

This is one of the twenty-three courses for reading issued by the United States Bureau of Education in carrying out its plan of home education. More than 16,000 readers from every State and the territories have been enrolled in one or more of these courses. Readers in every profession and field of activity are enlisted in this work. Small circles are formed for the reading in many States.

This work of home education was inaugurated to meet the needs of old and young who had long desired some guide in their home reading, and who needed some incentive to continue the course after having begun it. This incentive is provided in the awarding of a certificate which each reader receives who gives satisfactory evidence of the reading. The certificates are signed by Commissioner Tigert and bear the seal of the United States Bureau of Education.

The courses already issued relate to literature, history, biography, child care, foreign trade, teaching, farming, and architecture. A few courses on vocational subjects have also been issued The books are usually available at local public libraries and State libraries, State Library Commissions are ready to cooperate with readers in securing the books. Those who are interested in these courses should write for information to the Commissioner of Education, Washington, D. C.

EMPLOYES OF STATE DIVISION OF ARCHITECTURE RESIGN

Threats of reduced salaries and the slashing of operating expenses in most of the state bureaus and departments under the economy program of Governor Richardson, are having a telling effect in the Division of Architecture of the State Department of Public Works.

Because of the doubt and confusion caused by the new budget, several employes of the office have already quit their jobs for better paying positions under private employers, and several others are planning to leave the state service in a short time.

Among those who have left of their own volition are:

George J. Adams, deputy chief of the division; F. A. Beak, mechanical engineer; W. H. Epperson, refrigerator engineer, and J. F. Irwin, mechanical engineer.

Those who were reported to be preparing to leave the office include A. H. Memmler, assistant to the chief of the division; C. K. Aldrich, chief estimator; L. F. Sherwood, chief draughtsman; L. B. Miller, chief designer, and A. M. McSweeney, architectural draughtsman.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

Preliminary plans for the proposed highway tube between Oakland and Alameda have been presented to Colonel Herbert Deakyne, army engineer in charge of fortifications, rivers and harbors, who announces a public hearing will be held on the matter March 9. The plans call for a semi-circular tunnel thirty feet across and fourteen feet high. There will be a road for vehicles, but no car tracks, and sidewalks on both sides. The tube will run from Fourth and Harrison streets, Oakland, to Webster and Oak streets, Alameda, close to the present bridges

According to advices from Carson City, Nevada, the Penrose bill, reducing the salary of the state engineer from $5,000 to $3,600 a year, including all emoluments and providing for corresponding reductions in the salaries of his associates, carried a majority and minority report when it came out of the ways and means committee. The Republican members recommended and the Democratic members opposed its passage.

Compton Manufacturing Co., operating a plant at Pixley, Tulare County, plans to increase its capital stock to $300,000 and erect a new plant at Fresno, for the manufacture of farm machinery. The Fresno plant, according to L. C. Clark, treasurer of the company, will cost approximately $200,000. The company proposes to cease operations at the Pixley plant.

The Truscon Steel Co., Youngstown, Ohio, is preparing to start construction of an addition to its plant which will increase the working force about 200 per cent, according to Chas. Holloway, Jr., San Francisco branch manager of the company. The company is handling the largest volume of business on record for this period of the year, Holloway is advised by the main office.

The Utah Central Railroad Co., a new corporation, capitalized at $1,000,000 has been authorized by the Interstate Commerce Commission to proceed with the construction of 50 miles of railroad in Utah, extending from Wellington to Huntington, with a branch line to a Utah junction and will make available for operation a large coal mining area.

Laborers in the employ of the San Francisco Board of Public Works have requested a wage increase of 50 cents a day. The laborers voluntarily accepted a cut of from $6 to $5 a day last July and have found that living costs have undergone no reduction since that time.

W. W. Brawn has been appointed building inspector of the City of South San Francisco.

A. B. Johnson Lumber Co. of San Francisco, has let a contract for a new steam schooner of 12,000,000 feet capacity. It is being built at Portland.

Yolo County Supervisors have sold $100,000 worth of county highway bonds to the Woodland branch of the Bank of Italy for a premium of $2,126.

Thermalito Irrigation District in Butte County, recently voted bonds of $270,000 to finance construction of works to irrigate 4,000 additional acres in the vicinity of Oroville.

James R. Valk, district manager in the South for the Asphalt Association and for thirty years widely known as an eminent asphalt pavement engineer, died February 9 following an operation for appendicitis at Atlanta, Ga. Burial took place February 12 at Washington, D. C. A wife and daughter survive.

The Los Angeles city council has authorized the employment of four assistant engineers and twenty-four draftsmen to prepare plans and specifications for the proposed Main and Moneta storm drain system to take care of flood waters in the southern section of the city.

The Orange County Brick & Tile Co. has been organized at Fullerton, Cal., and plans to erect a plant having a daily capacity of 40,000 brick. Backers of the company include: F. C. Krause, J. W. Carmichael and J. J. Lilley.

The Southern Pacific has been granted permission by the Interstate Commerce Commission to build a new line, 19½ miles long, between a point on its main line from Bakersfield to Los Angeles at Magenden station to Arvin, Kern County, to serve a new agricultural district now without railroad facilities.

Ralph Beebee, city harbor engineer of Oakland, is preparing plans for a belt line railroad on the western waterfront. The line will connect with the S. P. and W. P. and will furnish additional shipping facilities for industrial plants and lumber yards on the estuary.

Building mechanics are needed in Richmond, according to L. C. Dexter, Secretary of the Contra Costa County Builders' Exchange. In an effort to meet the shortage of men, the exchange has established an employment service which is making every effort to meet the wants of contractors.

Louis F. Leurey has been installed as president of the San Francisco Electrical Development League. Jas. W. Mahoney succeeds himself as secretary-treasurer and A. U. Brandt, Donald Cone and Fred Todt, C. B. Kenney, W. B. Sawyer Jr., and Warren McBryde, directors.

W. G. Dullogly, assistant to the president of the Northwestern Pacific Railroad Company, confirms the rumor that the company plans to construct a spur into Vallejo from Marin county across the proposed Sears Point cut-off.

The town of Etna Mills, Siskiyou County, at a recent election voted bonds of $26,000 to finance the purchase of the privately owned water works system to be operated as a municipal project.

T. W. Keaton, endorsed by the Journeymen Plumbers of San Mateo, has filed application for the position of city plumbing inspector of San Mateo.

W. B. FAVILLE, ARCHITECT, SEES BRIGHT BUILDING FUTURE

Wm B. Faville, a member of the firm of Bliss & Faville, San Francisco architects, sees a bright future for the building industry.

"I have just returned from a trip through the Northwest, where I found that after a period of inactivity extending over several years, building has now definitely picked up," Mr. Faville told the directors of the San Francisco Forward Movement. "San Francisco and California, however, are many strides ahead.

"In Southern California the communities continue to maintain a lead over those of the North. In Los Angeles, for instance, they confidently expect to jump their record of $120,000,000 in building last year up to $150,000,000 this year.

"When this is considered in the light of San Francisco's record of $47,000,000 for last year it is readily seen that what San Francisco is now doing is essential building. Although everyone in the building field is extremely busy, there is an absence of the speculative of boom character that characterizes such activity where it is not founded on definite needs.

'The slogan of the Forward Movement, 'Now is the time to buy, build and invest in San Francisco' is appropriate to the community's needs and should be heeded by all those with faith in the future of this great city."

HUGE TIMBER RESOURCES FOUND IN WESTERN CANADA

Two hundred billion feet of timber in the prairie provinces is the estimate made by the Canadian National Railways after a recent tour of inspection made by their officials. In the whole Dominion, there is estimated to be approximately 1,065,000,000,000 feet of standing timber. Of this 360,000,000,000 feet are in British Columbia. By this it will be seen that about one-half of the Dominion's timber resources are located in the west.

The growth of the pulpwood industry since 1914 is also referred to in the statement recently issued by the Canadian National Railways. In 1914 the total quantity of pulp manufactured was 934,700 tons. Four years later, in 1918, the total product amounted to 1,557,193 tons. At that time 1,000,000 cords of pulpwood were exported every year. The native supply of pulpwood is now practically exhausted in the eastern states, the investigators point out, that the base of manufacture will have shifted rapidly westward. Additional pulp mills for the three prairie provinces are expected to take form in the near future.

SAN FRANCISCO HAS THIRD LARGEST SEAPORT IN U. S.

Ports of the United States during the fiscal year ended last June 30 handled incoming and outgoing foreign commerce totaling 80,230,952 long tons, according to a report made public by the U. S. Shipping Board. Of this total, cargoes landed amounted to 43,645,948 tons and cargoes discharged to $36,585,004 tons.

The report showed that 46 principal ports handled a total of 35,576,994 tons incoming and 32,165,957 tons outgoing. The statement did not include coastwise or intercoastal movements which, it was stated, has grown at a phenomenal rate during the last six months.

The ports covered in the report, with the total tonnage handled, included: New York, 19,000,541; New Orleans, 7,260,497; San Francisco, 2,101,028; Portland, 1,550,852; Seattle, 849,909; Los Angeles, 554,746.

ORGANIZATION NEWS

L. S. READY APPOINTED CHIEF ENGINEER OF STATE R. R. COMMISSION

Lester S. Ready has been appointed chief engineer of the Railroad Commission to succeed Richard Sachse, who recently resigned to enter private practice as a consulting engineer, it is announced by the commission. Ready takes charge of the office March 1.

The new chief engineer has been associated with the Railroad Commission more than nine years. He is a native of Ventura county and a graduate of the University of California college of electrical engineering, class of 1912.

Since graduation, Mr. Ready has been actively engaged in engineering, specializing on public utility regulation, having entered the service of the Railroad Commission of California on December 1, 1913, in the gas and electric division. On January 1, 1918, he became gas and electrical engineer in charge of electric and gas service, rates and valuation. In October, 1919, he was advanced to the position of assistant chief engineer in addition to being in charge of the gas and electric division of the commission, which position he has held since.

The commission has appointed A. V. Guillou as assistant chief engineer in charge of the gas and electrical division of the commission. Mr. Guillou, who is also a graduate of the University of California college of electrical engineering, class of 1912, has acted as assistant engineer in the gas and electric division for the last three years.

FRESNO BUILDERS' EXCHANGE IS GROWING ORGANIZATION

The Fresno Builders' Exchange now has a membership of 140 with three new members to be installed at the next regular meeting. The new members are Joe Masai, plastering contractor; F. W. Dannelley, general contractor, and York-California Constr. Co., refrigerating engineers.

At the annual meeting of the exchange, to be held March 19, five directors will be elected. The present board consists of R. F. Felchen, Virgil Routt, W. K. Kendrick, H. W. Shields, H. H. Courtright, W. D. Coates Jr., A. W. Bernhauer, F. B. Billings, George A. Faris, J. G. Martin, W. M. Rowe.

A. W. Norris, president of the Sacramento Builders' Exchange, has been invited to speak at the annual meeting.

NAPA BUILDERS ORGANIZE

A temporary organization of the building trades of Napa has been perfected. E. W. Cummings has been installed as temporary chairman and Arthur B. Wilson as temporary secretary.

Following have been appointed a comittee to prepare by-laws: David Shwarz, Frank Pond, E. W. Doughty, S. J. Cinnamond, F. H. Edwards, Wade Shifflet, Frank Bordwell, Frank Glover and E. W. Cummings. It is expected that a permanent organization will be effected within two months.

The first meeting of the organization was addressed by Chas. M. Cadman, Secretary of the San Francisco Builders' Exchange, who furnished pointers as to the best methods of procedure.

OAKLAND SCHOOL BOARD SEEKS HARMONY IN CONSTRUCTION PROGRAM

As the result of several recent discussions between contractors, architects and members of the school construction department, the Oakland Board of Education is expected to draw an exact line of demarcation between the authority of the school architect and the construction head, according to members of the board.

When Marston Campbell quit as superintendent of construction some time ago, Architect C. W. Dickey offered to take over this office without cost and perform the work in addition to his architectural duties. This was voted down, however, on the ground that it was not advisable for an architect to be the inspector of his own work. Wilfred Ball was then made superintendent of construction.

Several contractors assert that Ball has held rigidly to the specifications, according to board members, but there is alleged to be confusion sometimes as to just what the specifications are.

William J. Baccus and other construction men assert they are willing to take Ball's orders or Architect Dickey's, but they say that the present system tends toward confusion inasmuch as Ball or Dickey may have different interpretations of the same general plans.

A. A. E. CHAPTER IS FORMED AT EUREKA

Organization of Eureka Chapter, American Association of Engineers, was completed at a recent meeting of engineers in the Humboldt County section held in Eureka February 17. L. R. Moran was elected secretary. Following were appointed to act as an Executive Committee: Wynn Meredith, E. M. Schmovk, E. B. Stann and Lynn Veitor. Meredith is chairman of the committee.

The organization meeting was addressed by Wm. H. Phelps, past president of the San Francisco Chapter, American Association of Engineers.

Offices of the Eureka Chapter will be maintained in the Gross Building, Eureka.

WORKING RULE MODIFICATION PROPOSAL REJECTED

A request of Fresno iron workers for modifications in working rules between employers and employes, signed in July, 1922, was rejected at a joint meeting February 26 of the labor committee of the Fresno Builders' Exchange and the members of the Fresno Building Trades Council.

The iron workers asked for an amendment to the agreement on the ground that a year of apprenticeship is too long and unnecessary. The conferees at the meeting agreed that the one-year period of apprenticeship shall be retained.

SACRAMENTO PLUMBERS PROTEST CURTAILMENT OF SUBSIDY

A resolution protesting against the proposed curtailment of the appropriation of the state industrial accident commission, in Governor Friend W. Richardson's budget, has been adopted by the Sacramento Master Painters' Association. The governor will be asked by the association to provide more adequately for the board.

A. A. E. RESENT BOARD CHARGES IN RESOLUTION

The following resolution was passed by the board of directors, American Association of Engineers, at its meeting Feb. 19, 1923, held at Chicago:

Whereas it has come to the attention through the press and in other ways that indictments have been presented and suits instituted against a number of contractors and others who built the various camps and cantonments during the war, and

Whereas the charges in the indictments, while general in character, are monstrous in degree, laying under heinous stigma not alone the defendants named but by implication many leading engineers and others engaged in the construction industry generally, who gave unselfishly of their time and skill towards the solution of handling the vast undertaking that confronted the United States at the opening of the war, therefore, be it

Resolved by the board of directors of the American Association of Engineers that common justice demands immediate trial of these suits be brought,

That these defendants, if innocent, may not longer rest under the odium of the grave charges and the good name of the engineering profession and those in the construction industry be cleared of any charge to conspire to defraud the government, and

That copies of these resolutions be sent to the president of the United States, the attorney general and the presiding officers of the senate and house of representatives. A. N. Johnson, president.

SACRAMENTO PAINTERS BANQUET

The Master Painters of Sacramento were hosts at a banquet and theatre party, Wednesday evening, February 21, at which a number of their friends were guests.

W. L. Triplett is president of the Master Painters' Association of Sacramento, Clyde L. Simmons is first vice president, Chester King is treasurer and Grover Pilliken is secretary.

Members of the association are: L. P. Anderson, Arthur Anderson, E. J. Brickell, J. H. Blamey, Frank C. Boone, E. H. Cox & Son, J. V. Cooney, Frank Dixon, M. J. Gallichotti, Theodore Erickson, Geo. Jones, C. H. Krebs & Co., Chester King, Frank Marley, A. G. Pope, Roy Post, Grover J. Pilliken, P. C. Roddy, Earl M. Rolls, Jos. Saunders, Clyde Simmonds, Al. W. Simmonds, Conrad Schneider, Al. Sherman, E. C. Sprague, W. T. Triplett, Harry Whitmarsh, Horace G. Winters.

The guests were Mrs. Clyde Simmonds, Mrs. Z. H. Blamey, Mrs. E. J. Brickell, Mrs. A. G. Pope, Mrs. Grover Pilliken, Mrs. W. L. Triplett, Mrs. Arthur Anderson, Mrs. Frank Dixon, Mrs. Conrad Schneider, Mrs. Chester King, Mrs. H. G. Winters, Mrs. E. H. Cox, Mrs. Al W. Simmonds, Mrs. Frank Adams.

The principal place of business of the Pacific Marble Quarries Co. has been changed from San Francisco to Los Angeles, according to an announcement of J. M. Finlayson, secretary of the company. Offices in the southern city will be opened at 340 Citizens National Bank Bldg.

EXPENDITURES OF NEVADA STATE HIGHWAY DEPARTMENT

Since its organization in 1917 the state highway department has expended $5,306,000, has built 299 miles of highway and has 166 miles under construction, according to its biennial report which has just been made public. From 1917 to 1920 it expended $2,296,000 and built 167 miles of roads. In 1921 and 1922 it expended $3,010,000 and built 132 miles of roads.

The department reports that it has received $1,832,000 from the federal government, that the government has allotted the state $3,434,000 under signed project agreements, and that the state may draw a further sum of $3,461,000 from the federal government between now and 1925, a total of $6,896,000 in federal funds.

Extensive financial and construction tables abound in the report, which covers the department's operations from 1917 to date.

The department reports the cost of surveys, plans and estimates for all the counties on a mileage basis. The cost of such preliminary work for Washoe county is reported as follows:

Reno to California state line, 10.96 miles, $1076 per mile. Reno to Sparks, .97 of a mile, $259 per mile. Sparks to Vista, 2.99 miles, $261 per mile. Clark to east county line, .91 of a mile, $1033 per mile. Reno to Huffakers, 6.42 miles, $306 per mile. Huffakers to Lakeview, 19.79 miles, $548 per mile. Reno to Purdys, 15.77 miles, $231 per mile. between Sparks and Vista and between Clarks and the east county line the work of surveying has just been begun.

The department recommends the adoption of a gasoline tax, restriction upon truck loads, and an age limit of eighteen for drivers.

It states that most of the gravel roads already built or under way must later be surfaced with asphaltum to withstand the increase in traffic.

FIVE MILLION FOOT TIMBER SALE ON INYO FOREST

Five million feet of Jeffrey pine and red and white fir in the Owens River Valley region, Inyo National Forest, has been sold to the Hess Bros. Lumber Company of Bishop, Calif., according to announcement by the San Francisco headquarters of the United States Forest Service. The price paid per 1000 board feet was $2.50 for pine and one dollar for fir. This timber forms a part of the Mammoth working circle and will be cut under scientific forestry methods which insure the permanent growth and protection of the forest. The lumber produced will all be used locally in the agricultural industries of the valley.

TESTS OF BUILDING STONE

During the past month tests have been conducted by the U. S. Bureau of Standards on 6 samples of slate for the Superintendent of Public Buildings and Grounds and on 4 samples for the Post Office Department. Weathering tests have also been conducted on various samples of limestone and sandstone. Part of this work consists of actual freezing tests while another art makes use of the crystallization of common salt in the pores of the stone. The latter is of interest in practice where stone is used in and above salt water and also in soils that carry a considerable amount of salts. Attention is also being given to the relation of this action to actual freezing, since it offers the possibility of determining the weathering qualities of stone by a simpler method than that of actual freezing.

CEMENT BLOCKS IN TEST RESIST TERRIFIC HEAT

The correct composition of cement blocks to give the highest fire resistant qualities is being studied at the fire underwriters laboratories in Chicago at the request of cement manufacturers.

Tests which have been under way for some time cover many different mixtures of cement, sand, gravel and other materials. In the tests walls composed of several kinds of blocks have been built up in front of gas furnaces and subjected to five hours of intense heat, reaching 2075 degrees at the end of the period.

Through electrical heat recorders, cemented with the blocks themselves, and thermometers and measuring devices on the outside, the engineers have traced the effect of heat changes on the various materials. The walls usually buckle somewhat under the heat, the center curving in toward the first, due to the expansion on the inner side.

In some of the tests, after five hours of baking, the red hot wall has been subjected to five minutes cooling under a two-inch firehose. The sudden cooling splits the tiny gravel in the outer surface of the block, bushels of fine particles flying through the air, and leaving the surface pitted as though under a sand blast. Despite this treatment the walls have stood. The blocks withstood heat so intense that the surface of the bricks surrounding the test walls turned liquid and flowed down the frame work .

STATE BUILDING FIRETRAPS, CLAIM OF ARCHITECT

Scoring the State Legislature for making inadequate appropriations for state building projects and thereby encouraging the erection of cheap frame buildings where inmates would be trapped in event of a serious fire, Geo. B. McDougall, head of the State Department of Architecture, urges in his biennial report to Governor Richardson that the state provide safe housing for patients and employes of state institutions.

McDougall says construction of cheap buildings is false ecomony. He warned of fire hazards now existent in state hospitals.

"Fires are occurring more or less frequently in state structures and if the policy of using frame construction for permanent buildings is not abandoned there is a great danger of a rude awakening to the error of such policy through a conflagration causing the loss of property and lives," says McDougall.

"The first cost of fire-resisting buildings is only from 20 to 25 per cent greater than of the cheaper type, while their lives are easily double those of wood frame structure."

TIMBER DEAL DENIED

Official denial of reports widely circulated in Butte County that the Red River Lumber Company of Westwood would purchase the sawmilling and timber properties of the Diamond Match Company is made by W. A. Fairburn, president of the match concern.

Fairburn denied that there was any truth whatever in the rumors. He said:

"Such reports are not only false, but they are maliciously unfair. The Diamond Match Company has never entered into any negotiations with any party or interests in regard to the sale of its timber lands and lumber operations. Under no conditions would we consider the sale of the company's California investments."

Denial of the reported purchase plans also has been made by Fletcher Walker of the Red River company.

PRECAUTIONS IN PAINTING CONCRETE

When surfaces composed largely of Portland cement or concrete are painted it is often difficult to secure the necessary adhesion and, failing this, the paint is liable to flake and fall off.

Bituminous and asphaltic preparations are useful for protecting concrete from the weather and rendering them waterproof. Some of them may be applied cold others require to be heated before they will penetrate sufficiently to adhere well.

Varnishes of various kinds are also useful for the same purpose.

Oil cements, composed of powdered firebricks, galena flour and boiled linseed oil, are used for promenades, stairs, etc.

Mineral colors are used for interior walls. They must be adapted to the porosity of the surface to which they ars applied and, for this purpose, are usually mixed with about 1½ times their weight of medium for application to cement-mortar or asbestos sheeting, but, for highly porous walls, a preliminary application of a mixture of one part of color with three parts of medium should be given, and this should be followed by the usual coats of paint.

When a glossy finish is required, special materials—the nature of which is kept secret—are used, though occasionally the pores are closed by the application of magnesia fluate, and the surface is then polished mechanically.—Beton u Eisen, Berlin.

GUATEMALA MARBLE SHIPMENTS TO COAST INCREASE

San Francisco's commerce is to be increased shortly with vast importations of the world's finest marble quarried in Guatemada, according to advices received from the Central American republic says Al. S. Peterson in the San Francisco Call-Post.

Small preliminary shipments received here have proved harder, more enduring, non-absorbent and without sand holes of any description.

The first shipments were sent from Puerto Barrios to New York and created such favorable comment among manufacturers and builders that arrangements were made for large shipments. Local men became interested and have since conducted variouse tests to determine the fitness of the product for use here. An American concern has developed a deposit at Marmol, Department of Zacapa, Guatemala, for many years, but did not have the necessary technical men and machinery to work the quarries properly.

Modern machinery has now been introduced and all of the preliminary arrangement made for preparing for shipment vast quantities to the Atlantic ports and also to the Pacific Coast. Adequate railroad transportation between the mine and seaport has also been arranged and the money needed for financing the project provided.

BIDDING BY TELEGRAPH

A contractor enroute from Colorado to bid on a school building in Arizona was delayed and sent his proposal by wire. As received by the school trustees, the amount bid was $100,300. The contractor says the correct amount was $120,300. Fortunately for the contractor the bid was not accepted because the deposit which he had made in a bank at the town where he became snowbound was short of the required five per cent of the amount of the bid asked as a guaranty with proposals. Had the deposit been sufficient the school trustees could probably not have held the contractor to the amount named in the telegram.

Building News Section

APARTMENTS

Plans Being Prepared.
APARTMENTS Cost, $10,000
HOLLISTER, San Benito Co., Cal.
Two-story reinforced concrete store and apartment house building.
Owner—Mr. Braden.
Architect — Shea & Shea, Chronicle Bldg., San Francisco.

Contract Awarded.
APARTMENTS Cost, $12,000
OAKLAND, Alameda Co., Cal., N Athol Ave. 210 N Newton Ave.
Two-story 16-room frame apts.
Owner—E. Wood, 1534 Franklin St., Oakland.
Contractor — California Builders Co., 1534 Franklin, Oakland.

Contract Awarded.
APARTMENTS Cost, $12,000
OAKLAND, N 63rd St., 100 E Telegraph
Two-story 16-room frame apts.
Owner—J. H. Cook.
Contractor—California Builders, 1534 Franklin St., Oakland.

Contract Awarded.
APARTMENTS Cost, $12,000
OAKLAND, E Glen Ave. 80 S Linda St.
Two-story 16-room frame apts.
Owner—G. L. Glenn.
Contractor — California Builders Co., 1534 Franklin St., Oakland.

Contract Awarded.
APARTMENTS Cost, $12,000
OAKLAND, NE Fairmont & Frisbie Sts.
Two-story frame 16-room apts.
Owner—Cotter & Burlingame.
Contractor — California Builders Co., 1534 Franklin St., Oakland.

Contract Awarded.
APARTMENTS Cost, $35,000
SAN FRANCISCO. S Jackson 163-6 E Broderick.
Three-story and basement frame (5) apartments.
Owner—A. Tonn, Granada Hotel.
Architect—Sylvain Schnaittacher, 233 Post St., San Francisco.
Contractor—G. P. W. Jensen, 320 Market St., San Francisco.

Contract Awarded.
APARTMENTS Cost, $40,000
BERKELEY, Alameda Co., Cal. No. 3100 College Ave.
Three-story frame (36-room) apartment house.
Owner—K. G. Baille, 3129 College Ave., Berkeley.
Architect—None.
Contractor—Jos. Coward, 6081 College Ave., Oakland.

Owner Taking Sub-Figures.
APARTMENTS Cost, $27,000
SAN FRANCISCO. E Steiner St. 128 N Sacramento St.
Three-story and basement frame (12) apartments.
Owner—John Kingston, 2565 Washing St., San Francisco.
Architect — E. E. Young, 251 Kearny St., San Francisco.

Plans Completed.
APARTMENTS Cost, $16,000
SAN FRANCISCO. SE 18th and Lapidge Streets.
Two-story and basement frame (8) apartments.
Owner—A. H. Beetham, 3555 18th St., San Francisco.
Architect—None.

To be Done by Day's Work.
APARTMENTS Cost, $32,500
SAN FRANCISCO. NW Leavenworth and Vallejo Sts.
Three-story and basement frame (12) apartments.
Owner—Michael Dempniak, 355 Octavia St., San Francisco.
Architect—None.

Contracts Awarded.
APARTMENTS Cost, $13,000
OAKLAND, Alameda Co., Cal., 5465 Claremont Ave.
Two-story frame apartments.
Owner—Gracomo Buzzalino, 5465 Claremont Ave., Oakland.
Contractor—W. T. Vaughn, 4190 Opal St., Oakland.

To Be Done By Day's Work.
APTS & STORES Cost, $15,000
OAKLAND, Alameda Co., Cal., W College Ave 94 N Chabot Road.
Three-story 11-room frame apartments and stores.
Owner—C. E. Keller, 404 26th St., Oakland.

Contract Awarded.
APARTMENTS Cost, $13,525
OAKLAND, Alameda Co., Cal., N 15th St 100 E Brush St.
Two-story 16-room frame apts.
Owner—M. Marks, 15th & Brush Sts., Oakland.
Contractor—Jensen & Pedersen, 3417 Adeline St., Oakland.

Contract Awarded.
APT. HOUSE Cost, $30,000
SAN FRANCISCO, S Jackson E Broderick.
Owner—Dr. John J. Kingwell, Butler Bldg., San Francisco.
Architect—H. C. Baumann & Edw. W. Jose, 251 Kearny St., S. F.
Contractor—J. Prout, 515 Magellan Ave. San Francisco.

Contract Awarded.
APARTMENTS Cost, $——
RICHMOND, Contra Costa Co., Cal. E Eleventh St., bet. Barrett and Roosevelt Avenues.
Two-story frame, stucco and brick faced apartment building (5 apts. of 2, 3 and 4 rooms each).
Owner—A. Nelson, 8th and Macdonald Ave., Richmond.
Architect—None.
Contractor—Carl Overaa, 2105 Roosevelt Ave., Richmond.

Contract Awarded.
APARTMENTS Cost, $13,650
ALAMEDA, Alameda Co., Cal. No| 1600 Santa Clara Ave.
Two-story 16-room frame apartments.
Owner—G. R. Schroeder.
Architect—None.
Contractor—M. H. Fish, 1333 Fountain St., Alameda.

Contract Awarded.
APARTMENTS Cost, $49,200
SAN FRANCISCO, NE Haight and Webster Sts., 62x70.
Three-story frame and stucco (12) apts
Owner—Dr. E. C. Dyer.
Architect—Thos. Smith, 27 Elgin Park San Francisco.
Contractor—W. J. Stevens, 180 Jessie St., San Francisco.

Permit Applied For.
STORE & APTS. Cost, $60,000
OAKLAND, NE 23rd St. & Telegraph Avenue.
Six-story brick store and apartments.
Owner—R. E. McMann, 730 Arlington Ave., Berkeley.
Architect—Clay N. Bunell, American Bank Bldg., Oakland.

Contract Awarded.
APARTMENTS Cost, $16,500
OAKLAND, Alameda Co., Cal., NW Calcago and Park Blvd.
Two-story 16-room frame apts.
Owner—Esther M. Sommarstrom, 2215 Park Blvd., Oakland.
Contractor—M. F. Sommarstrom, 403 15th St., Oakland.

Plans Completed.
APTS & STORES Cost, $10,000
OAKLAND, NE E-18th St. & Park Blvd.
Two-story 6-room frame apts. & stores.
Owner—M. P. Brasch, American Bank Bldg., Oakland.

Figures To Be Taken In a Few Days.
APT. HOUSE Cost, $150,000
ALAMEDA, Alameda Co., Cal., Grand & Central Ave.
Three-story reinforced concrete apt. house with roof garden (21 2, 4 & 5-room apts.)
Owner—L. Kaliski.
Architect—A. A. Cantin, 68 Post St., San Francisco.
Bids will be taken for a general contract with separate bids for the plumbing, heating, electrical work and painting.

Plans Being Figured.
ALTERATIONS Cost, $——
SAN FRANCISCO. Corner Scott and Union Streets.
Remodel apartment house (stucco exterior, new stairways, fire escapes, roofing, painting, interior decorating, etc.)
Owner—Estate Chas. G. Lathrop.
Architect—Vernon W. Houghton, 275 Post St., San Francisco.

Contract Awarded.
APT. HOUSE Cost, $20,364
SAN JOSE, Santa Clara Co., Cal., NW 10th and Elizabeth Sts.
Two-story frame apt. house.
Owner—Michael De Sando, 448 E-Santa Clara St., San Jose.
Architect—Wolfe & Higgins, Auzerals Bldg., San Jose.
Contractor—R. E. Ford & J. C. Thornburg.

Sub-Figures Being Taken.
APARTMENTS Cost, $55,000
SAN FRANCISCO, NW 3rd Ave. and Cabrillo.
Three-story and basement frame and stucco, brick veneer apartments, steam heat sys. (15 2, 3 and 4-room apartments)).
Owner—Victor Bjors, 2268 Bryant St., San Francisco.
Architect—Wm. F. Gunnison, 57 Post St., San Francisco.

Contract Awarded.
APT. HOUSE Cost, $25,000
OAKLAND, Alameda Co., Cal., S 28th St. 250 E Telegraph Ave.
Two-story 21-room reinforced concrete apartment house.
Owner—E. W. Martin, 11th & Broadway Oakland.
Architect & Contractor—M. I. Diggs, 19th and Telegraph Ave., Oakland.

Plans Ready for Segregated Figures in Ten Days.
APARTMENTS Cost, $250,000
SAN FRANCISCO. NW Geary Street & Leavenworth St.
Six-etory and basement reinforced concrete apartment house (150 rooms).
Owner—A. F. Rousseau, 110 Sutter St., San Francisco.
Architect — D. C. Coleman, 110 Sutter St., San Francisco.

Plans Completed—Figures to be Taken in about a Month.
APARTMENTS Cost, $165,000
SAN FRANCISCO. SE Sutter and Hyde Streets.
Six-story steel, brick and terra cotta store and apartment building (60 apts. of 2 and 3 rooms).
Owner—Marion Realty Co., A. F. Rousseau et al, 110 Sutter St., S. F.
Architect — D. C. Coleman, 110 Sutter St., San Francisco.

Contract Awarded.
APARTMENTS Cost, $16,000
OAKLAND, Alameda Co., Cal. NE 3rd Ave. and E-16th St.
Two-story frame apartments.
Owner—Olaf Anderson, 1890 7th St., Oakland.
Architect—None.
Contractor—C. C. Foss, 1242 1st Ave Oakland.

LOS ANGELES, Los Angeles Co., Cal. —Architect L. L. Jones, 603 Grosse Bldg., Los Angeles, is preparing working plans for a four-story Class C store and apartment building to be erected at Fifth St. and Western Ave. for Dr. W. G. Terry, 457 S. Western Ave.; will contain 6 stores and 75 single apts. with large lobby. Brick, 4-sto. and basement, 60x140 ft., preas. brick and art stone facing.

LOS ANGELES, Los Angeles Co., Cal. —Architects Walker & Eisen, 325 Pac. Finance Bldg., are preparing plans for a 13-story and basement Class A apartment house to be erected at Wilshire Blvd. and Catalina St. for Chas. Morris. It will contain 450 rooms. Reinf. conc. constr., pressed brick and terra cotta facing, 192x135 ft. Cost, $1,500,000.

LOS ANGELES, Los Angeles Co., Cal. —Architects, Walker & Eisen, 325 Pac. Finance Bldg., Los Angeles, are preparing plans for an 8-story and basement Class A apartment building to be erected on Hollywood Blvd. near Hudson Ave. for E. Clarke Comer, 6522 Hollywood Blvd. It will contain 200 rooms. Reinf. Concr. constr., 80x150 ft. Cost, $500,000.

LONG BEACH, Los Angeles Co., Cal. —Architect W. Horace Austin, 222 1st National Bank Bldg., Long Beach, is receiving bids for a $300,000, 3-story and basement store and apartment building to be erected at SE 6th St. and Pine Ave., Long Beach, for E. C. Schultsmeyer and W. D. Lovell. Nine stores on both street fronts. Steel frame base and 1st story, brick walls, pressed brick and terra cotta exterior.

PORTLAND, Ore.—Architect Carl L. Linde, Artisans Bldg., Portland, has prepared plans for a two-story and basement frame and brick apartment house to be erected in the Holladay Addition for F. B. Turner, 661 Fremont St., Portland; est. cost, $60,000.

PORTLAND, Ore.—Thomas & Thomas, 616 Henry Bldg., Portland, will erect two two-story and basement brick and hollow tile apartment buildings in Hawthorne Ave., bet. E-18th and E-19th Sts., est. cost, $75,000 each.

LOS ANGELES, Cal.—Allen & Hillier, 614 Union Bank Bldg., L. A., are preparing plans for a class C store and apt. bldg., to be erected at cor. 9th and Hoover Sts. for Trattner Harrison, Garland Bldg., L. A. Brick walls, 3-sto., 135x135 ft., press. brick and art stone facing, comp. and tile rfg. It will contain 10 stores, lobby and 50 apts., singles and doubles; $160,000.

PASADENA, L. A. Co., Cal.—Peter Hall, 934 S Raymond Av., Pasadena, has the contr. to erect an $83,000 2-story brick and reinf. conc. apt. bldg. at 170 S Marengo Ave., Pasadena, for the Women's Board of Foreign Missions of the Presbyterians of the U. S. A., D. W. Gamble, agt., 4 Westmoreland Pl., Pasadena. Julia Morgan, Merchants Ex. Bldg., San Francisco, archt.

BONDS

SANTA ANA, Cal.—Until Feb. 27, bids will be rec. by supervisors for purchase of $48,000 bond issue of Tustin School District; proceeds of sale to finance school improvements.

VISALIA, Tulare Co., Cal. — Until March 20 bids will be rec. by Supervisors for purchase of $40,000 bond issue of Windsor School District; proceeds of sale to finance construction of new school.

RICHGROVE, Tulare Co., Cal.—Supervisors sell $20,000 bond issue of Richmond School District for premium of $900; proceeds of sale to finance school improvements.

REDWOOD CITY, San Mateo Co., Cal. —Election will be held March 16 in Redwood City School District to vote bonds of $56,000; proceeds of sale to finance school improvements. Trustees of district are: J. W. Poole, C. M. Doxsee and H. W. Steinberger.

MODESTO, Stanislaus Co., Cal.—City Council will call election to vote bonds to finance construction of two new fire stations, one in western section of city and another in Morris Ave. L. A. Love is City Clerk.

MIDWAY, Kern Co., Cal.—Midway School District on March 10 will vote a direct tax of $60,000 to finance school improvements. Trustees of district are: E. L. Fleming, A. R. Hummel and P. E. Williams.

ANTIOCH, Contra Costa Co., Cal.—Trustees of Antioch-Live Oak Grammar School District will call election to vote bonds of $45,000 to finance construction of new school in block bounded by G. H. 5th and 6th Sts.

SALEM, Ore.—School District No. 24 will hold election March 12 to vote bonds of $500,000 to finance construction of school buildings.

DURHAM, Butte Co., Cal.—Election held in Durham High School District to vote $100,000 to finance construction of new school failed to carry by five votes. It is probable another election will be called.

GRIDLEY, Butte Co., Cal.—Trustees of Gridley Union High School District will call election to vote bonds of $200,000 to finance construction of new high school building.

SPARKS, Nevada—Election will be called in immediate future to vote bonds of $125,000 to finance construction of two new school buildings.

REDWOOD CITY, San Mateo Co., Cal. —Commercial Club will petition city trustees to call election to vote bonds to finance purchase of 40-acre tract for factory sites.

SANTA ROSA, Sonoma Co., Cal. — Trustees of Rincon School District will call election to vote bonds to finance construction of a new school building.

CHURCHES

CORNING, Tehama Co., Cal.—Methodist Church has appointed committee to proceed with construction of recreation hall, 92 by 45 ft., est. cost, $4,500. Committee consists of: C. G. Lindemann, J. Lillie, C. M. Walters and J. J. Smith.

FRESNO, Fresno Co., Cal.—Construction of a Methodist Episcopal Church in Pinedale, a suburb of Fresno, has been authorized by Don A. Allen, pastor. Site at Cedar and 2nd Sts., has been purchased on which will be erected new edifice and parsonage.

BERKELEY, Alameda Co., Cal.—First Congregational Church, Rev. Oswald W. S. McCall, pastor, will appoint building committee to raise funds to finance construction of a new church building at Dana and Durant Sts. The architect has not been selected.

HOLLYWOOD, Los Angeles Co., Cal. —J. W. McKinley, 1147 N. Vine St., Los Angeles, has the contract on a percentage basis to erect a new church building at Lexington Ave. and Vine St. for First M. E. Church, South, of Hollywood. Robert H. Orr, 1305 Corporation Bldg., Los Angeles, is the architect. The building will be 120x92 ft., 2-sto., with an intermediate story; brick constr., plaster exterior, tile roofing. Cost, $95,000.

FACTORIES & WAREHOUSES

Contract Awarded.
FLAT BLDG., ETC. Cost, $20,000
SAN FRANCISCO. S O'Farrell 91-6 E Larkin St.
Three-story and basement Class C laundry and flat building.
Owner—P. Bordegaray.
Engineer—John G. Little & Co., 251 Kearny St., San Francisco.
Contractor — Mattock & Feasey, 251 Kearny St., San Francisco.

Plans Being Figured—Bids Close Feb. 28, 1923 12 Noon.
FACTORY Cost, $——
SAN FRANCISCO. S Bryant W of 2nd.
One-story reinforced concrete factory.
Owner—Walter H. Sullivan.
Architect—Leo J. Devlin, Pacific Bldg., San Francisco.

Plans Being Figured—Bids Close Feb. 28, 1923, 12 Noon.
FACTORY Cost, $——
SAN FRANCISCO. S Folsom St. E of Third St.
One-story reinforced concrete factory.
Owner—Walter H. Sullivan.
Architect—Leo J. Devlin, Pacific Bldg., San Francisco.

Plans Being Figured.
ADDITION Cost, $150,000
ROSEVILLE, Placer Co., Cal.
Concrete and steel addition (100 x 175 ft) to present ice manufacturing plant.
Owner—Pacific Fruit Express, Southern Pacific Bldg., S. F.
Architect—Engineering Dept.
The new mechanical equipment calls for the installation of two more large electric engines, increasing the present 2500 horse power of the plant to 4000.

Being Done By Day's Work.
EXTENSION Cost, $150,000
RICHMOND, Contra Costa Co., Cal., 5th and Hensley Sts.
Reinforced concrete extension to present plumbing fixture manufacturing plant.
Owner—Pacific Sanitary Mfg. Co., W. Von Hoelfen Supt., premises.

Contract Awarded.
FACTORY Cost, $10,000
OAKLAND, Alameda Co., Cal. N Railroad Ave 1400 W 98th Ave.
One-story frame factory.
Alameda.
Owner—Western Steel Package Co.
Architect—None.
Contractor—H. J. Christensen, 505 11th St., Oakland.

Contract Awarded.
WAREHOUSE Cost, $9890
OAKLAND, Alameda Co., Cal., 18th and Peralta Streets.
One-story reinforced concrete whse.
Owner—Jones-Richardson Co.
Architect — N. W. Sexton, Chronicle Bldg., San Francisco.
Contractor—M. E. Hopper & Son, 1117 Webster Bldg., Oakland.

LOS ANGELES, Cal.—Archt. Albert C. Martin, 431 Higgins Bldg., has been commissioned to prepare plans for a 4-story class C furniture warehouse, to be erected on Santa Fe Ave., near 8th St., for J. M. Overell Co. Brick walls, 80x150 ft., comp. rfg., O. P. cement and factory maple fls., pressd brick.

RIVERBANK, Stanislaus Co., Cal.—Jas. H. Hoose, architect, Modesto, has been commissioned to prepare plans and supervise construction of proposed canning plant to be erected for Riverbank Canning Co. Bids for canning equipment have been received by officials of the company and awards of contract will be made shortly.

SAN JOSE, Santa Clara Co., Cal.—W. B. Oliver of the Oliver Gas Burner and Machine Co., St. Louis, Mo., is in San Jose seeking a site on which it is proposed to erect a plant for the manufacture of dehydrators; plant to be operated under the name of Oliver Dehydrator Co.

SAN PEDRO, L. A. Co., Cal.—Southwestern Shipbuilding Co., San Pedro, has had plans prepared for an oil storage plant to be constructed at San Pedro. There will be eight 80,000-bbl. steel storage tanks. Cost, $300,000. Contract has not been let. Following the completion of dredging, a 1500-ft. pile wharf will be constructed on one side of the property.

SACRAMENTO, Cal.—Court Setzer, formerly of Klamath Falls, Ore., will let contract in immediate future for a box factory to be erected on the R St. branch of the S. P. just outside the city limits. Fruit boxes will be the principal output of the plant, which, when completed will cost between $75,000 and $100,000.

Working Drawings Being Prepared—Contract Awarded.
FACTORY (1st unit) Cost, $90,000
EMERYVILLE, Alameda Co., Cal., Blk bounded by Haven, Harlin, Park Ave. and Santa Fe tracks.
Two-story reinforced concrete factory bldg. 240x82 (designed for 5 stories 240x400) brick curtain walls, steel sash, freight elevators, flat slab construction.
Owner—Doble Steam Motors Co., 711 Harrison St., San Francisco.
Engineer—Earl Markwart, % Lindgren Co., Monadnock Bldg., S. F.
Contractor—Lindgren Co., Monadnock Bldg., San Francisco.

Plans Being Prepared.
WAREHOUSE Cost, $85,000
SAN FRANCISCO, SE Brannan & Gilbert Streets.
Two-story reinforced concrete whse.
Owner—C. E. Phillips & Co.
Architect—O'Brien Bros., 315 Montgomery St., S. F.

Contract Awarded.
ADDITION Cost, $13,342
SUNNYVALE, Santa Clara Co., Cal.
Extend cook room and build reinforced concrete lye platform.
Owner—Libby McNeill & Libby, Merchants Exchange Bldg., S. F.
Architect—J. J. Nevills.
Contractor—R. O. Summers, 17 N 1st St., San Jose.

GRIDLEY, Butte Co., Cal.—E. R. Green, Sup't. of Libby Canning plant, will supervise construction of additional units to be erected at the Gridley packing plant, plans for which are being prepared by company engineers.

EUGENE, Ore.—C. O. Peterson, mayor of Eugene, will erect excelsior mill, 30 by 100 ft., at foot of 6th Ave., and will install machinery for manufacture of excelsior pads for furniture and egg packing.

LOS ANGELES, Los Angeles Co., Cal.—Architect Albert C. Martin, 430 Higgins Bldg., Los Angeles, has completed plans and is taking bids for erecting a Class A factory building at Wilmington for the Pacific Coast Borax Co. The main building will be 3-story, 250x400 ft., designed for 5-story; reinf. concr. constr., flat slab system, comp. roofing, metal skylights, wrought iron sash, steel rolling doors, fire doors, crushers, tanks, conveying machinery, 3 large elevators. Contracts for pile foundation and concr. foundation have been let separately. Bids are being taken for the steel sash and for 25,000 bbls. of cement. Plans are being completed for the boiler house, machine shop and generating plant bldg. and this will be figured at the same time. It will be 1-sto. and part 2-sto., 60x140 ft., steel frame and steel roof trusses, concr. walls, iron sash, asbestos, corr. iron roofing.

SACRAMENTO, Cal.—Incorporation papers will be filed shortly with the Secretary of State by a company which proposes to establish a worsted mill in Sacramento. The project is backed by Lamiel J. Coburn, president of the Pioneer-Pacific Worsted Co. of Los Angeles, who plans to establish several such plants in Northern California.

MADERA, Madera Co., Cal.—Until March 12, 10 A. M., bids will be rec. by L. W. Cooper, County Clerk, to const. 60x24 ft. refn. conc. or conc. block storehouse in Block 9, Hughes Addition, Madera. Plans prepared by J. O. Rue, County Surveyor. Cert. check 10% req. with each bid. Plans obtainable from office of County Clerk.

FULLERTON, Cal.—County Brick & Tile Co. has been incorporated and financed by Fullerton capital, and plans to erect a brick and tile plant south of the Fullerton pumping plant. The plant will have a capacity of approx. 40,000 brick a day, and will cost $50,000. The men back of the project are: F. C. Krause, J. W. Carmichael, and J. J. Lilley.

SAN DIEGO, Cal.—Union Oil Co. has purchased site and will erect structures and storage tanks for a district oil station. Storage facilities will include four tanks with a combined capacity of approx. 80,000 gals. gasoline.

SAN FRANCISCO—The Banner Refining Co., Kohl Bldg., San Francisco, will erect an oil refining plant in Seattle, Wash., and one in Los Angeles or Arizona. Approximately $170,000 will be spent on the plant. J. J. Irwin, 801 Fabrillo St., San Francisco, will erect the building.

LOS ANGELES, Cal.—The Air Reduction Co. has joined with Los Angeles capitalists in the formation of a company to be known as the California Cyanide Company, for engage in the manufacture of liquid hydro-cyanic, sodium cyanide and kindred products. The interests in the new California are headed by F. W. Braun of Los Angeles who has accepted the presidency of the California company. Construction of a plant will be started in the immediate future.

FRESNO, Fresno Co., Cal.—Compton Manufacturing Co., Visalia, Tulare Co., Cal., has increased its capital stock to $200,000 and plan to erect a $200,000 plant in Fresno for the manufacture of fruit machinery. It is proposed to erect operations at Pixley and center the entire business in Fresno. Several sites are now under consideration. Jas. F. Compton is president and L. C. Clark, treasurer of the company.

BAY POINT, Contra Costa Co., Cal.—West Coast Chemical Co., 77 O'Farrell St., San Francisco, has erected buildings at the Pacific Coast Shipbuilding Company's plant at Bay Point for temporary quarters and will shortly commence construction of a group of buildings on a 5-acre tract recently purchased in the vicinity. The company will manufacture sulphur, used in vulcanizing and coloring automobile tires and tubes, and chemical by-products. F. A. Somers and H. R. Boswick of San Francisco are interested in the company.

LOS ANGELES, Los Angeles Co., Cal.—Eugene H. Rosenfeld, president of Central Realty Co., Union State Bldg., Los Angeles, contemplates the erection of a Class C brick warehouse on Stephenson Ave., extending from Clarence St. to Utah St. It will be 1, 2 and 3-story in height, 200x250 ft., brick walls, steel sash, skylights, elevators, sprinkler system. Cost, $275,000.

SEATTLE, Wash.—J. Hoard & Co., Pantages Bldg., are awarded contract by Associated Oil Co. to construct a number of steel and concrete buildings at the Rainier refinery, distributing plant. Project includes warehouse, garage, pump houses, tank houses, etc.

TACOMA, Wash.—Clear Fir Lumber Co., Tacoma, has completed work of driving 1,000 piles for the proposed $100,000 addition to its present plant for dry kiln and planing mill on Day Island. New machinery will be installed in the mill.

SALEM, Ore.—Northwest Canning Co., is having plans prepared for a $100,000 plant to be operated in connection with the Northwest Fruit Products Company's plant.

JOOST BROTHERS
Builders' Hardware
Tools, Etc.
(Members Builders' Exchange)
1053 MARKET ST.
Phone Market 891 San Francisco

STOCKTON, San Joaquin Co., Cal.—Application filed with the city council by the Miller Ice Cream Co. of Oakland to construct an ice cream plant at North El Dorado and East Willow Sts., has been withdrawn by the company, due to protests of property owners. Construction has been postponed indefinitely.

FRESNO, Fresno Co., Cal. — L. G. Terry, district agent for Pacific Fruit Exchange, is signing up growers in this section and when sufficient signatures are secured the company will commence construction of packing plant.

FLATS

Contract Awarded.
FRAME FLATS Cost, $10,000
RICHMOND, Contra Costa Co., Cal. N Ripley St., bet. 7th and 8th Sts.
Two-story frame (4) flats.
Owner—Eliz Johns, 668 3rd St., Richmond.
Architect—None.
Contractor — E. A. F. Carson, 542 4th St., Richmond.

Contract Awarded.
FRAME FLATS Cost, $10,000
RICHMOND, Contra Costa Co., Cal. W Tenth St., bet. Barrett and Ripley Streets.
Two-story frame (4) flats.
Owner—H. D. Lane, 531 10th St., Richmond.
Architect—None.
Contractor—Carl Overaa, 2103 Roosevelt St., Richmond.

Contract Awarded.
FLATS Cost, $13,000
OAKLAND, NW Cor. Miles & Clifton.
Two-story 14-room flats.
Owner—Emil Pescio, 5341 Miles Ave., Oakland.
Contractor—W. T. Vaughn, 4190 Opal St Oakland.

Contract Awarded.
FLATS Cost, $14,200
SAN FRANCISCO, NE Greenwich and Broderick Sts.
Two-story and basement frame flats (all work except painting, electrical work, light fixtures & shades)
Owner—Jos. S. & Dora Steiner, and Emil A. Neumarkel.
Architect—E. A. Neumarkel, 544 Market Street, S. F.
Contractor—P. Midbust, 177 Caselli Ave San Francisco.

To Be Done By Day's Work.
FLATS Cost, $12,800
OAKLAND, 12 Wildwood Ave.
Two-story 16-room frame flats (4 flats and garage).
Owner—Elmer W. West, 4026 Brighton Ave., Oakland.

Contract Awarded.
FLAT BLDG. Cost, $13,700
SAN FRANCISCO, NW 18th Ave. and Irving.
Two-story frame flat bldg.
Owner—Schrader Est. Co.
Architect & Contractor — Arthur H Klahn, 1334 21st Ave., S. F.

GARAGES

Contract Let.
GARAGE Cost, $——
PETALUMA, Sonoma Co., Cal. Redwood Highway.
One-story frame and stucco garage and machine shop, 50x90 ft.
Owner—Prof. James A. Kenney, 3rd St., Petaluma.
Lessee—Walter Glazier.
Architect—Not Stated.
Contractor—Lester Clark, Petaluma.

Plans Being Figured—Bids Close Mar. 2, 1923.
GARAGE BLDG. Cost, $15,000
RICHMOND, Contra Costa Co., Cal., W 11th bet. Macdonald & Nevin Aves.
One-story brick and frame auto sales and garage bldg. (white glazed brick exterior).
Owner—I. D. Kirkpatrick and J. S. wood (Durant and Star auto dealers).
Architect—Jas. T. Narbett, 910 Macdonald Ave., Richmond.

Plans Being Figured—Bids to be Opened March 10, 1923.
GARAGE, ETC. Cost, $15,000
MARTINEZ, Contra Costa Co., Cal. Sixth and Ward Streets.
Two-story brick, hollow tile or frame and stucco auto sales and garage building. 100x100.
Owner—D. Mendel.
Architect — W. A. Doctor, 417 15th St., Oakland.
Figures are being taken for a general contract. Plans may be obtained from C. A. Ricks of Martinez.

Contract Awarded.
GARAGE Cost, $12,000
OAKLAND, Alameda Co., Cal., NW 23rd and Webster Sts.
One-story brick garage.
Owner—Stockholm & Allyn, 316 Lenox Ave., Oakland.
Contractor—Stockholm & Sons, Monadnock Bldg., S. F.

Contract Awarded.
GARAGE Cost, $29,500
SAN FRANCISCO, S Pacific Ave. 123 E Van Ness.
Alter and add to 1-story brick garage.
Owner—A. A. Tiscornia.
Architect—August G. Headman, Call Bldg., S. F.
Contractor—Fred L. Hansen, 251 Kearny St., San Francisco.

Contract Awarded.
AUTO SERVICE STA. $10,200
OAKLAND, Alameda Co., Cal. Diamond Ave. and Hopkins St.
One-story reinforced concrete auto service station, 60x95.
Owner—Dades & Aymar.
Architect—Geo. O'Brien, Bacon Bldg., Oakland.
Contractor—Alfred Peterson, 3918 Linwood, Oakland.

SAN JOSE, Santa Clara Co., Cal.—Until March 19, 11 a. m., bids will be rec. by Henry A. Pfister, county clerk, to erect garage and wagon shed in Town of Santa Clara. Plans obtainable from clerk.

GOVERNMENT WORK AND SUPPLIES

WASHINGTON, D. C.—Among recommendations submitted to Congress is on appropriation of $1,100,000 to finance construction of a new marine hospital at San Francisco with a capacity of 350 beds. A $1,000,000 structure for Seattle, Wash., is also recommended.

WASHINGTON, D. C.—Bids rec. by Bureau of Yards and Docks, Navy Department, under Specification No. 4768, for water softening equipment for San Diego, Calif., have been rejected.

SAN FRANCISCO—Until March 7, 11 a. m., bids will be rec. by U. S. Engineer Office, 85 2nd St., under order No. 4377/398, for fur. and del. Rio Vista, Solano county: miscellaneous pipe and pipe fittings. Spec. will be furnished on request.

SAN FRANCISCO—Until March 7, 11 a. m., bids will be rec. by U. S. Engineer Office, 85 Second St., under Order No. 4376/398, for fur. and del. Rio Vista, Solano county: 50 gals. inside white paint, in 5 gal. cans; 12 pints green engine enamel, in 1 pint cans; 20 gals. outside black paint for wood, in 1 gal. cans; 12 pts. paints and varnish remover, in 1 pt. cans; 6 pts. aluminum paint, in 1 pt. can. Further information on request.

WASHINGTON, D. C.—Until March 14, 10:30 a. m., bids will be rec. by Panama Canal Commission, under Circular No. 2314 for fur. and del. Balboa, Pacific Port: Machine bolts, brass cocks, special bronze, yellow metal, sheet lead, plate glass, melting furnace crucibles, metallic and steel measuring tapes, whitewash and foundry brushes, leather belting, mop handles, calcium chloride and sandpaper.

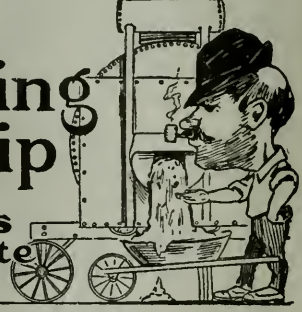
SAN FRANCISCO—Until March 9, 11 a. m., bids will be rec. by U. S. Engineer Office, 85 2nd St., under Order No. 4379/398, for fur. and del Rio Vista, Solano county: 10 tons (2000 lbs to ton) stove coal, suitable for heating and cooking stoves.

SAN FRANCISCO—Until March 8, 11 a. m., under Order No. 4378/398, bids will be rec. by U. S. Engineer Office, 85 2nd St., for fur. and del Rio Vista, Solano county: miscellaneous hardware and supplies. Blanks for bidding will be furnished on request.

DENVER, Colo.—McGann Mfg. Co., York, Pa., at $12,553 submits low bid to U. S. Reclamation Service for fur. 2 5x5-ft. high sluice gates. Other bidders: Steacey-Schmidt Mfg. Co., York, Pa., $12,900; Joshua Hendy Iron Works, Sunnyvale, Calif. $14,898; Wheeling Mold and Foundry Co., Wheeling, W. Va., $15,048; Union Machine Co. San Francisco $16,200; Kelser Machine Works, Portland, Ore., $15,533.24; Vulcan Iron Works, Denver, Colo., $17,140; Ogden Iron Works, Ogden, Utah, $17,530; Hardie-Tynes Mfg. Co., Birmingham, Ala. $17,920; Rosedale Foundry and Machine Co., Pittsburgh, $18,000; Stearns-Roger Mfg. Co., Denver, Colo., $19,000; Denver Engineering Works, Denver, Colo., $23,000; Coffin Valve Co., Neponset, Mass., $23,150; Pittsburgh Valve, Foundry and Construction Co., Pittsburgh, $24,800; Rock Island Arsenal, Rock Island, Ill., $24,900.

SAN FRANCISCO — Following bids rec. by U. S. Engineer Office, 85 2nd St., for fur. 1000 ft. pontoon pipe:
Western Pipe and Steel Co., San Francisco, ⅝ in., $5.50 lin. ft. and $6.32; ½ in., $8.30, alt. $7.68; f. o. b. cars Antioch.
U. S. Steel Products Co., San Francisco, ⅜ in., $4.82; ½ in., $5.32.
Freeman Mfg. Co., Racine, Wis., ⅝ in., $11.75; ½ in., $13.80.
Union Construction and Dry Dock Co. Oakland, Calif., ⅝ in., $4.98, accepted; ½ in., $6.34.
U. S. Navy Yard, Mare Island, Calif., ⅝ in., $7.50 lin. ft.; ½ in. $9.30.

Ye Building Gossip or Pratt's Concrete Mix



WE ALWAYS do the things.
WE SAY.
WE WILL not do.
AND IF anybody had said.
THAT CLARENCE Sand Pratt, President.
OF THE Pratt Building Material Co.
DOUGLAS 300—"easy to remember."
WOULD JOIN a golf club.
AND PLAY a game.
THAT CLARENCE said was good.
FOR OLD men.
BOTH FEEBLE-MINDED and otherwise.
THEN SANDY Pratt.
WOULD SAY they were crazy.
AND EVERYTHING.
BUT SANDY Pratt did join.
AND PAID $100.00 extra.
FOR HIS membership.
ALTHOUGH H. J. Brunnier.
TRIED TO save Sandy the $100.00.
BUT UNTIL fellows.
LIKE BILL Contractor Harrelson.
AND BEN Bathtub Blair.
JOINED THE club.
CLARENCE PRATT showed no interest.
IN WHAT seemed.
LIKE A silly game.
FOR SILLY people.
BUT CLARENCE SAND Pratt fell.
AND NOW Taylor & Jackson,
WELL KNOWN contractors.
HAVE BOUGHT a carload.
OF PRATTCO Amber sand.
TO PLASTER the pretty club house.
FOR THIS golf club.
AND MAYBE.
IF CLARENCE can find Bill Harrelson.
ON THE greens.
HE CAN sell Bill a car.
OF PRATT'S sharp, clean sand.
FOR CONCRETE and everything.
"I THANK you."

A rough pen, ink, watercolor and oil painting of Henry J. Brunnier, President of the Lake Merced Golf and Country Club, who induced Clarence Sand Pratt, producer of sharp, clean sand, to part with his good money so Clarence could walk himself all over the county chasing a little white ball instead of chasing contractors after orders for sand of an excellent quality.

WASHINGTON, D. C.—Bids are being received by Bureau of Supplies and Accounts, Navy Dept., for fur. and del. materials to Navy Yards as follows, the date for opening bids as noted at end of each paragraph:

Schedule 536, for Puget Sound, Wash. 10,000 ft. white ash, No. 1 common, March 6

Schedule 540, eastern and western yards, 5 refrigerating machines, opening March 20.

Schedule 541, eastern and western yards, 20 oxygen outlets, March 20.

Schedule 547, Mare Island, Calif., 35,000 lbs. sheet steel, March 20.

Schedule 549, Mare Island, 8 coal-burning ranges, March 20.

Schedule 557, for Mare Island, 400 safety treads, March 20.

Schedule 561, for eastern and western yards, 33 ships' refrigerators, March 20.

WASHINGTON, D. C.—Gilpen Const. Co., ft. 14th St., Astoria, Ore at $220,000 awarded cont. by Burean of Yards and Docks, Navy Dept., under Specification No. 4615 to const. piers, bulkhead and dredging at Astoria, Ore. Contract originally awarded for piers and bulkhead and for 400 000 yds. of dredging; an additional awnrd has been made for an additional 400,000 yds. of dredging. The complete contract is as follows: Items 1 and 2, $100.000, time 180 days; items 5 and 6, 800,000 cu. yds. of dredging at 15c. Total contract $220,000. Time, 425 days.

WASHINGTON, D. C.—Until April 12, 12 m., bids will be rec. by Constructing Quartermaster, Honolulu T. H., to install machinery and equipment for refrigerating plant for Scofield Barracks. **See call for bids under official proposal section in this issue.**

HALLS AND SOCIETY BUILDINGS

Contract Awarded.
LODGE BLDG. Cost, $66.900
HOLLISTER, San Benito Co., Cal. Fifth and San Benito Streets.
Three-story and basement reinforced concrete lodge and store building.
Owner—Elks Lodge of Hollister.
Architect—Shea & Shea, Chronicle Bldg., San Francisco.
Contractor—Hannah Bros., 142 Sansome St., San Francisco.
This contract includes all work.

Plans Being Completed.
LODGE BLDG. Cost. $30.000
TURLOCK, Stanislaus Co., Cal. First St., bet. Main and A Sts.
Two-story reinforced concrete lodge and store building.
Owner—Red Men Lodge of Turlock. F. B. Kreman, Chairman of Building Committee, Turlock, Cal.
Architect—G. N. Hilburn, Turlock.

LOS ANGELES, Los Angeles Co., Cal. —J. W. Johnson, 514 Bryson Bldg., Los Angeles, was low bidder at $298,770 on general contract for erecting a new club house on Figueroa St., bet. 9th and 10th Sts., for the Friday Morning Club. Allison & Allison, 1405 Hibernian Bldg., Los Angeles, architects. Low bidders on the other contracts were: Farris ... cast stone work at $12,232; Herman Sheet Metal Works on sheet metal work at $8500; R. G. Blessing on tile roofing at $375; Angelus Roofing, Paper & Paint Co. on comp. rf. at $975; Joseph Musto Sons-Keenan Co. on marble and tile work at $11,351; G. W. Kingcale Co. on hardwood flooring at $4736; ...bergen Decorating Co. on painting at $5300; Union Hardware & Metal Co. on hardware at $5980; Otis Elevator Co. on elevators at $36,200; Master Electric Co. on wiring at $14,788; Arthur Hess on plumbing at $31,50?; E. J. Donnelly on heating and ventilating at $47,594; Reliable Sheet Metal Works on refrigerators and kitchen equipment at $5244. The building will be 6-stor., Class A reinf. concr. constr., stone facing for first 2-sto., cem. plaster with stone trim above, steel roof trusses, hardwood trim. The bids on the general contract were: J. W. Johnson, $298,770; Winter Constr. Co., $303,300; Wm. Simpson Constr. Co., $308 210; C. L. Peck, $309.660; Lange & Bergstrom, $315,120; Macdonald & Driver, $319,000; John Simpson Co., $317,500; William Stacko, $335,513; J. A. Hill Constr. Co., $443,000.

PETALUMA, Sonoma Co., Cal.—Elks' Hall Assn., has purchased property at Western Avenue and Keller and plans erection of three-story fireproof lodge and store building; est. cost $100,000. Building committee consists of Thos. Maclay, M. Vonsen and D. W. Batchelor.

KNIGHTSEN, Contra Costa Co., Cal. —Brentwood Masonic Hall Ass'n. will erect a two-story hollow tile lodge hall and club building on a site already purchased. Structure will cost $12,000. Members of hall association include: Robt. Wallace Jr., Volney Taylor, O. C. Prewett and C. M. Shoemaker.

SANTA MONICA, Los Angeles Co., Cal.—Meyer & Holler, Wright & Callender Bldg., Los Angeles, are preparing plans for a club house and swimming pool to be built on the ocean front about half a mile south of the old long wharf and just inside the city limits, for the Beach Club, an organization composed of local business men. The club owns 345 ft. frontage at this point. It is proposed to expend about $100,000.

COLUSA, Colusa Co., Cal.—The Colusa Woman's Club has had plans prepared for an $8,000 clubhouse. Auditorium will be 32 by 50 ft: Will be of frame and stucco construction.

BUHACH, Merced Co., Cal.—Until March 10, 2 P. M., bids will be rec. by J. C. Corvello, Sect'y., I. D. E. S., Hall Ass'n., for remodeling and constructing additions to present hall building. W. E. Bedesen, Architect, Shaffer Bldg., Merced. Bond of 75% req. of successful bidder. Plans obtainable from architect.

SELMA, Fresno Co., Cal.—A building association has been organized and early construction is planned by the Odd Fellows Lodge of Selma on a two-story and basement brick lodge and store building, 60 by 120 feet, to be erected at High and First streets. Est. cost, $55,000. Building committee consists of: Luther H. Jones, Joe F. Berry, C. W. Chauncey, F. B. Wright, Ray Channer and J. L. Robinson.

LOS ANGELES, Cal.—Archt. John C. Austin, 1125 Detwiler Bldg. and A. M. Edelman, H. W. Hellman Bldg., L. A., assoc., have completed plans and are taking bids for erecting a new Shrine auditorium at Jefferson and Royal Sts. for Al Malaikah Temple, A. A. O. N. M. S. Bids will be taken separately on general contract, strue. steel, plumbing, painting, wiring, terra cotta, elevatora, heating, ornam. iron, etc. The bldg. will be 588x302 ft. and will contain an auditorium with balcony to seat 7000 people and a 1-story, basement and mezzanine section to contain banquet hall and accessories. Steel frame constr., conc. and brick filler walls, reinf. conc. fls., and roof slab, comp. rfg., ruffled brick and terra cotta facing, marble and tila work, metal doors, ornam. iron work, hose reels, steam htg., etc., $1,500,000.

HOSPITALS

Figures to be Taken in About a Month
HOSPITAL Cost, $600,000
SACRAMENTO, Sacramento Co., Cal. 40th and J Sts.
Five-atory reinforced concrete hospital building (terra cotta exterior).
Owner—Sisters Hospital.
Architect—R. A. Herold, Forum Bldg., Sacramento.
Plans are being completed and will be ready for general bids in about a month.

Plans Being Figured—Bids Close Mar. 20, 8 P. M.
HEALTH CENTER BLDG. Cost, $—
ALAMEDA, Alameda Co., Cal. S Santa Clara Ave., between Walnut and Oak Streets.
One-story frame and stucco health center building.
Owner—City of Alameda, W. E. Varcoe, City Clerk.
Architect—Carl Werner, Santa Fa Bldg., San Franciaco.
See call for bids under Official Proposal section in this issue.
Segregated figures are being taken as follows: General contract, painting, plumbing, heating, plastering and electrical work.

Plans Complete—Figures To Be Taken In Ten Days.
HOSPITAL Cost, $500,000
SAN FRANCISCO, S Sutter E Larkin.
Nine-story and basement class A reinforced concrete and steel hospital bldg. 56x137-6 (College of Electronic Medicine)
Owner—Dr. Albert Abrams.
Architect — Mel I. Schwartz, Nevada Bank Bldg., San Francisco.
The exterior will be finished with granite and terra cotta. The main floor will have a large rotunda with marble inlaid floor and eight columns of Travertin of Scagliola, supporting an ornamental dome .There will also be a lecture hall, offices and treatment rooms on the first floor. The second floor will contain doctors rooms, operating rooms, sterilizing rooms, and free treatment rooms. On the fourth floor will be free wards for men and women, research laboratories, radio rooms etc. The fifth, sixth, seventh and eighth floors will have private rooms and the ninth floor will have an elaborate seven-room living apartment for Dr. Abrams, besides a dining room 20x55 feet, kitchen, doctor's library, recreation rooms, radio concert room, etc. There will be a sun porch on each floor and a Pompeian roof garden with marble fountain, cast cement columns, red brick tile floor and terra cotta roof. Each room will be equipped with a radio instrument. The basement will have trunk rooms, lockers, etc. There will be two electric elevators, one dump waiter, a Kerner incinerator, oil burning steam heating system, etc.
Figures will be taken for a general contract.

SEATTLE, Wash.—Architect A. H. Albertson, Henry Bldg., Seattle, commissioned to prepare plans for three-story fireproof nurses' home for the Childrens' Orthopedic Hospital; est. cost, $100,000.

MADERA, Madera Co., Cal.—County Supervisors order plans prepared for a concrete laundry building to be erected at the county hospital. L. W. Cooper is County Clerk.

PORTLAND, Ore. — Stebinger Bros., Builders' Exchange, Portland, at approx. $175,000 awarded contract to erect Portland Shriners' Hospital for crippled children, from plans of Sutton & Whitney, architects, Lewis Bldg., Portland. Other contracts let include: plumbing, Murhead and Murhead; electric work, National Electric Co.; marble, Oliver Lutz; elevators, Otis Elevator Co.; excavating, Abbott and McCulloch, all of Portland. Structure will be 190 by 105 ft. with 2 wings, each 84 by 108 ft. It will be erected at East 82nd and Sandy Blvd.

SAN PEDRO, L. A. Co., Cal.—The San Pedro Harbor Hospital Assn. has elected a new board of directors and financial arrangements are being completed for the erection of a 3-story fireproof hospital bldg. It will cost about $150,000. Allison & Allison, 1405 Hibernian Bldg., L. A., are the archts. and plans prepared by them some time ago wil. be used without change.

PALO ALTO, Santa Clara Co., Cal.—City Health Officer Louis Olsen recommends construction of a wing at Palo Alto hospital for isolation ward.

SAWTELLE, L. A. Co., Cal.—L. A. Building & Contracting Co. .Marah-Strong Bldg., L. A., submitted the lowest bid at $190,444 for erecting an administration and hospital bldg. at Soldiers' Home, Sawtelle. The bldg. will be 2-story 48x314 ft., reinf. conc. constr., plas. exter., clay tile rfg., pine trim, Terrazzo flrs. and marble base in corridors, steam htg., refrigerating system, lockers. The bids were: L. A. Bldg. & Contr. Co., $190,444, for compl. by June 30; Clark Bros., $211,699, 156 days, $237,000, 91 days; $225,000 126 days; Wm. Simpaon Co., $219,415, June 30; $234,000, June 10; Lange & Bergstrom, $231,900, June 30; Davies Constr. Co., $249,900, Juna 30.

HAYWARD, Alameda Co., Cal.—Dr. U. C. Billingsley, 1st National Bank Bldg., Hayward, has had preliminary plans prepared for an addition to the Hayward Central Hospital; est. cost. $20,000. Dr. Billingsley will be ready to take figures in about two months.

UPLAND, Santa Barbara Co., Cal.—Architect Myron Hunt, 1107 Hibernian Bldg., Los Angeles, has completed plans and is taking bids for a new hospital building to be erected at Upland for the San Antonio Hospital Association. It will be 1-story structure, covering 27,000 sq. ft. of area, hollow concrete wall construction, plaster exterior clay tile roofing, pine trim, heating. Cost, $125,000.

HOTELS

Plans Completed.
ADDITION Cost, $25,000
PORTERVILLE, Tulare Co., Cal. Main and Olive Streets.
One-story (20-room) addition to hotel building.
Owner—Anton Konda (Hotel Porterville), Porterville, Calif.
Architect—Claire C. Morris, Porterville, Calif.
Provision is made in the plans for an additional story to be constructed at a later date.

Contract Awarded.
HOTEL Cost, $20,000
CROCKETT, Contra Costa Co., Cal.
Two-story brick store and hotel bldg.
Owner—Dennis Quill.
Architect—None.
Contractor—Karl S. Koller, Crockett.

Plans Being Prepared.
HOTEL Cost, $——
LOS BANOS, Merced Co., Cal.
Four-story fireproof hotel (60 rooms).
Owner—Withheld.
Architect — Ernest J. Kump, Rowell Bldg., Fresno.

SIERRA MADRE, Los Angeles Co., Cal.—M. N. Putman, 127 S. Clementine St., Anaheim, has the contr. at about $75,000 to erect a two-story, 30-room hotel, on West Central Ave. opp. the Sierra Madre Savings Bank. The building is being built for Arthur T. Hesse of Los Angeles and associates.

SAN DIEGO, San Diego Co., Cal.—Lange & Bergstrom, Washington Bldg., Los Angeles, have been awarded contr. for erecting the new annex to Hotel San Diego. William H. Wheeler, 664 I. W. Hellman Bdg., Los Angeles, Architect. The structure will be a seven story reinforced concrete addition, 118x100 ft. It will have 102 guest rooms one 4-room suite, one 3-room suite, and two two-room suites, all with baths. The exterior will conform to the present structure, but will have a stone first story exterior with iron marquise. Cost about $500,000.

LOS BANOS, Merced Co., Cal.—Chamber of Commerce is considering plans of architects for a new hotel building to be financed by local businessmen. Architect Ernest J. Kump, Rowell Bldg., Fresno, has submitted preliminary sketches for a four-story concrete and brick structure with seven stores on the ground floor and hotel quarters above; est. cost, $153,000. Preliminary plans have also been made by Mayo, Cowell & Bissell, Architects and Engineers of Stockton and Merced. Two sites for the structure are under consideration.

LOS ANGELES, Cal.—E. C. Williams, 115 S. Figueroa St., L. A., is preparing plans and will erect a 4-story class C brick store and hotel bldg. on the n. side of 4th St. near Figueroa St. for Kate Stuben, 605 Bank of Italy Bldg., L. A. It will be 80x113 ft., and will contain four stores, lobby and apt. in the first story and 100 rooms and 42 baths in the upper stories. Brick walls, terra cotta and press. brick facing. Cost, $115,000.

ICE AND COLD STORAGE PLANTS

VISALIA, Tulare Co., Cal.—Al. C. Williams, Visalia, backs movement to finance construction of $22,000 community cold storage plant having 1160 compartments. Stock will be sold to finance construction. Project has endorsement of Visalia Chamber of Commerce and Tulare County Farm Bureau.

POWER PLANTS

SAN FRANCISCO—Union Const. Co., Balfour Bldg., at $60,720 awarded cont. by Bd. of Pub. Works for fur. and del. and erecting steel for Moccasin Creek Power plant of Hetch Hetchy project.

SPOKANE, Wash.—Willamette Iron & Steel Co., Portland, awarded contract to furnish steel for new penstock of 4th unit in Long Lake generating station of Washington Power Company. Material to be delivered July 1. Contract includes large amount of steel plate.

SAN MATEO, San Mateo Co., Cal.—Pacific Gas & Electric Co., 445 Sutter St., San Francisco, will construct double transmission line through San Mateo county; est. cost $914,000, according to announcement of W. T. Kellogg, district manager for the company at San Mateo. Line will follow right of way of present Sierra and San Francisco line, approx. 24 mi. long, extending from Cooley Landing, south of Redwood City to Martin substation at Visitacion Valley. Steel towers will be erected on concrete foundations. Work will be done by company crews.

RENO, Nevada. — Due to increased mining operations on the Comstock lode, a 50,000-volt line, approx. 48 mi. long, connecting the Truckee River Power Company's system with that of the Pacific Gas and Electric Company at Lake Spaulding in Calif., will probably be undertaken this year. Est. cost $300,000. Negotiations to advance the project have been under way for the past few months.

SACRAMENTO, Cal.—Until March 8, 9 p. m., bids will be rec. by H. G. Denton, city clerk, for fur. 1 direct-connected hydro-electric generating unit comprising a water motor direct-connected to an electric generator, incl. certain control auxiliaries for use at Municipal Camp of Sacramento at Sayles Flat. Cert. check 5% payable to City Controller req. with each bid. Spec. on file in office of city clerk. Albert Givan, city eng.

PUBLIC BUILDINGS

Contract Awarded.
BANDSTAND Cost, $9350
OAKLAND, Alameda Co., Cal., Lakeside Park.
Completion of bandstand.
Owner—City of Oakland Park Directors
Contractor—Lawton & Vezey, Call Bldg San Francisco.

A. E. Leitch Fred Clark

CLARK & LEITCH ROOFING CO.

Successors to E. S. Warner

Office and Warehouse:

1116 SECOND ST., SACRAMENTO

Phone Main 726

EAGLE ROCK, Los Angeles Co., Cal.—J. A. Wolvin Co., Braly Bldg., Pasadena, was low bidder at $103,887 on the general contract for erecting a new library building at Occidental College, Eagle Rock. Myron Hunt, 1107 Hibernian Bldg., Los Angeles, is the architect. Low bidders on other contracts were: D. Zelinsky & Son on painting at $2421; E. O. Nay Co., Pasadena, on Plumbing, at $1935; H. H. Walker on wiring at $3130; and J. R. McMahan on linoleum at $2208. The building will be two story, mezzanine and basement, 65x116 ft., reinf. concr. frame and fls., brick filler walls, stucco and cast stone exter., clay tile rfg., oak trim, book stacks, steam htg., terrazzo firs., plate glass, ornam. iron, gypsum block and clay tile partitions. The bids were: **General Contract**—J. A. Wolvin Co., $103,887; Davies Constr. Co., $104,750; B. D. Kronnick, $105,000; L. A. Building & Contracting Co., $105,349; Wm. C. Crowell, $107,155; J. F. Kobler, $109,991; H. O. Clarke Co., $113,736; W. A. Taylor, $113,975; Comstock & Howard, $124,846; Walter Slater Co., $115,700; Robertson & Evans, $137,045; Macdonald & Kahn, $140,912 (this bid included certain sub-contract work not called for in general contract No. 1) **Painting**—D. Zelinsky & Son, $2421; E. Drawbaugh, $2790; J. R. Davis, $6600. **Plumbing**—E. O. Nay Co., $1935; W. F. McArthur, $2302; Lohman Bros., $2241; **Electric Work**—H. H. Walker, $3130; Newbery Elec. Corp., $3269; **Linoleum**—J. R. McMahan, $2208; Bonded Floors Co., $2254.50.

SANTA BARBARA, Santa Barbara Co., Cal.—Council met Feb. 16, at adjourned session and awarded city hall construction to low bidders on individual contracts amounting to a total of $144,356.15. The awards were as follows:

Charles T. Richardson on (1) excavating and grading at $2339; J. Y. Parker, Santa Barbara on (2) carpentry at $44,590 or $45,000 plus alt. A $400; minus alt. B, $828; J. Y. Parker, on (3) brick and tile at $14,500; Henry Gregory, Santa Barbara, on (4) artificial stone at $1095; Gladding, McBean & Co., San Francisco, on (5) architectural terra cotta, at $4120; A. Arata and F. Moore, Santa Barbara, on (6) cut stone, at $1166; Pacific Coast Steel Co. on (7) reinf. steel, at $2850; H. G. Meyer, Santa Barbara, on (8) setting reinf. steel, at $1115; Westwick Iron Wks. (9) structural steel, at $2534 (Baker Iron Wks., low bidder failed to enclose required check); Westwick Iron Wks. on (10) ornamental iron at $1534; Sweeney & Sons, Santa Barbara, on (11) sheet metal wk., at $1600; Santa Barbara Roofing Co., on (12) composition roofing, at $1020.50; Angulo Tile Wks., Santa Barbara, on (13) tile roof, at $1800; Union Mill & Lumber Co., Santa Barbara, on (14) mill work, at $9173.50 plus alt. A of $1355; J. B. Rickert & Sons, Los Angeles, on (15) lathing and plastering at $12,920; B. V. Collins, Los Angeles, on (16) marble and tile at $5338, minus alt. A of $1350; Bonded Floor Co., Inc., Los Angeles, on (17) linoleum and composition floors at $983.80 plus. alt. A, of $2470.80; Pacific Desk Co., Los Angeles, on (18) vault doors, at $528.50; Cutler Mail Chute Co., on (19) mail chute, at $420; E. T. Barnum Iron Wks., Detroit, Mich., on (20) jail equipment, at $3957; D. Zelinsky, Los Angeles, on (22) painting, at $3300 plus alt. A of $435; Ott Hdwe. Co., on (23) finish hdwe., at $2532.80 plus alt. A of $138.25; Sweeney & Sons, Santa Barbara, on (24) plumbing, at $8197 plus alt. B of 11; Sweeney & Sons on (25) steam heating, at $5595; Fred A. Gonner on (26) electric wiring at $2850. List of bids will be found in issue of Feb. 16.

OLYMPIA, Wash.—Bids to complete the walls and roof of the new legislation building of the state capitol group will be asked by the State Capitol Committee about April 1, the State Legislature having reported favorably on an appropriation of $1,250,000 to complete the structure.

UKIAH, Mendocino Co., Cal.—Supervisors plan early construction of new courthouse to be financed through money earned by interest on county funds. Approx. $30,000 is available for construction at present. Ultimate cost of the structure will be about $160,000.

ALBANY, Ore.—Chas. H. Burggraf, Albany, preparing plans for two-story and part basement brick and concrete city hall and jail, 80 by 67 ft.; est. cost, $22,000.

EUREKA, Humboldt Co., Cal.—Until March 20, 2 P. M., bids will be rec. by Fred M. Kay, County Clerk, to install heating system in court house and county jail. Spec. obtainable from clerk.

WILLOWS, Glenn Co., Cal.—Until March 12, 10 A. M., bids will be rec. by W. H. Sale, County Clerk, for fur. and install. metallic furniture in Auditor's Office. Spec. obtainable from Clerk.

SAN JOSE, Santa Clara Co., Cal.—County Supervisors contemplates purchase of filing equipment for office of district attorney. Henry A. Pfister is County Clerk.

LOS ANGELES, Los Angeles Co., Cal.—Rudolph Meier, 417 San Fernando Bldg., has been awarded a contract by the city council at $240 for architectural services for preparing plans and supervising the erection of a fire station house to be built at SW cor. of 2nd and Hill Sts. to replace the present station which will be demolished when the grade of the street is lowered to conform to the tunnel entrance. The new building will be four-story, reinforced concrete construction, and will contain quarters for 3 engines on the ground floor, with offices, sleeping quarters, etc., on the upper floors. Cost, $175,000.

RESIDENCES

Contract Awarded.
RESIDENCE Cost, $19,258
PALO ALTO, Santa Clara Co., Cal., University Park, Lots 2, 4, 10, 11 and 12, Block 110.
Two-story frame residence and garage (except roofing, tiling, heating & painting).
Owner—Stanley Forbes, 436 Palo Alto Ave., Palo Alto.
Architect—John K. Branner, 251 Kearny St., S. F.
Contractor—Louis N. Pollard.

Contract Awarded.
RESIDENCE Cost, $17,148
REDWOOD CITY, San Mateo Co., Cal.
Two-story frame and stucco residence (10 rooms) separate garage.
Owner—Mrs. Mary A. Beeger, Redwood City.
Architect—Chas. E. J. Rogers, Phelan Bldg., San Francisco.
Contractor—H. W. Arnold, Redwood City.

Contract Awarded.
RESIDENCE Cost, $18,071
ATHERTON, San Mateo Co., Cal.
Two-story frame residence.
Owner—E. C. La Montagne, Atherton.
Architect — Jos. L. Stewart, Claus Spreckels Bldg., San Francisco.
Contractor—John Morton, Balboa Bldg. San Francisco.

Contract Awarded.
RESIDENCE Cost, $11,600
STOCKTON, San Joaquin Co., Cal.
Two-story frame residence
Owner—Dr. J. Sterling Cochrane, Farmers & Merchants Bk. Bldg., Stktn.
Contractor—Sterling Building Co., 21 S San Joaquin St., Stockton.

Contract Awarded.
RESIDENCE Cost, $16,332
PALO ALTO, Santa Clara Co., Cal. NW corner Blk. 24 Scale Add. No. 2.
Two-story frame residence.
Owner—Mas. Harriet M. Peet, Palo Alto
Architect—Birge M. Clark, 600 Embarcadero Road, Palo Alto.
Contractor—F. W. Fox, 825 Cowper St., Palo Alto.

Contract Awarded.
DWELLING Cost, $15,000
SAN FRANCISCO, E 35th Ave. 75 to 175 N Cabrillo. 5 1-story and basement frame dwellings.
Owner—H. Wissman, 2251 Clement St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Meyer Bros. 5326 Geary St. San Francisco

To Be Done By Day's Work.
RESIDENCES $180,000
$5000 to $7000 each.
STOCKTON, San Joaquin Co., Cal., Northcrest and Tuxedo Park.
20 frame residences.
Owner—Sterling Building Co., 21 S San Joaquin St., Stockton.

Sub-Figures Being Taken — Contract Awarded.
RESIDENCE Cost—
PIEDMONT, Alameda Co., Cal. Mountain Ave.
Two-story frame residence.
Owner—Edw. D. Mendenhall, 252 Euclid Ave., Oakland.
Architect—Sidney B. & Noble Newsom, Nevada Bank Bldg., S. F.
Carpentry work awarded to N. W. Place and H. W. Barnes, 64 Garland Ave., Oakland, $8450.
Plumbing to Carl T. Doell, 467 21st St., Oakland, $1600
Electrical work to Spencer Elec. Co., 320 12th St., Oakland.
Plastering to Chas. D. Emery, 551 41st St., $1112.
Hardwood floors to Inlaid Floor Co., San Francisco.
Brick work to Martin Back, 3825 Allendale, Oakland.
Painting to R. Zelinsky, $1052.
Sub-figures are being taken for bathroom tile, finish hardware, light fixtures, etc.

GUASTI, Riverside Co., Cal.—Campbell Const. Co., Ontario, has been awarded a contract on a unit price basis for erecting an executive residence at Guasti, Riverside county, for Secundo Guasti. Morgan, Walls & Morgan, 1124 Van Nuys Bldg., L. A., archts. It will be rural Italian style, and will contain 18 rooms and 7 baths; 1-story, 109x167 ft., with enclosed patio; hollow brick wall constr., plas. exter., clay tile rfg.

SCHOOLS

Plans Completed.
SCHOOL Cost, $——
SAN FRANCISCO. Haight, Herman, Laguna and Buchanan Sts.
Reinforced concrete Normal School building.
Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Forum Bldg., Sacto.

MONOLITH
M
PLASTIC WATERPROOF
PORTLAND CEMENT
A Standard Portland Cement
Plus
Plasticity and Waterproofness
For Sale By
BUILDING MATERIAL DEALERS
EVERYWHERE

Plans Being Figured—Bids Close Mar. 19, 4 P. M.
SCHOOL Cost, $——
ANTIOCH, Contra Costa Co., Cal.
One-story hollow tile and frame school.
Owner—Oakley School District, Lillian L. Hall, Clerk.
Architect—Narbett & O'Brien, 906 Macdonald Ave., Richmond, and Bacon Bldg., Oakland.
See cnlt for bids under official proposal section in this issue.

Additional Information on S. F. State Teachers' College
Plans Completed.
GYMNASIUM Cost, $——
SAN FRANCISCO. Haight, Herman, Laguna and Buchanan Sts.
Reinforced concrete gymnasium.
Owner—State of California.
Architect — Geo. B. McDougall, State Architect, Forum Bldg., Sacto.
This building will be 115' x 80', a portion of which will be provided with a basement, the latter will contain offices, locker and shower rooms, laundry, boiler room and toilet rooms.
The first floor will be occupied mainly by the gymnasium, 60 ft. x 80 ft., which will be bordered by an L shaped terrace on two sides. Concrete foundation, concrete exterior walls and steel trusses, the pitched roof portions will be covered with terra cotta tile; deck with composition roofing, exterior to be plastered, steel sash window openings. Gymnasium floor to be maple over composition slab.

Contracts Awarded.
SCHOOL BLDGS. Cost, $——
SACRAMENTO, Sacramento Co., Cal. 34th, 35th, U and V Streets.
Eight one and two-story brick, steel, concrete and terra cotta high school buildings (classrooms, gymnasium, etc.)
Owner—City of Sacramento.
Architect—E. A. Mathews and H. Simpson, Call Bldg., San Francisco.
General Contract to Mathews' Constr. Co., Forum Bldg., Sacramento, approximately, $370,000.
Plumbing and Sewering to Hateley & Hateley, Mitau Bldg., Sacramento, $32,598.
Heating and Ventilating to Hateley & Hateley, $56,518.
Electrical Work to Latourrette-Fical Co., 907 Front St., Sacramento. $34,800.
Steel to Palm Iron & Bridge Co., 1814 15th St., Sacramento, $53,640.

Figures To Be Taken in a Week.
SCHOOL BLDG. Cost, $100,000
MODESTO, Stanislaus Co., Cal. N 10th Street.
One-story concrete and brick veneer high school bldg. (1st unit)
Owner—Modesto Junior High School District.
Architect—W. H. Weeks, 369 Pine St., San Francisco.

Figures To Be Taken In Two Weeks.
SCHOOL BLDGS. Cost, $185,000
High schl. $150,000, primary $35,000
PIEDMONT, Alameda Co., Cal.
Two 2 & 3-story reinforced concrete school bldgs. (junior high and primary school bldgs).
Owner—Piedmont School District.
Architect—W. H. Weeks, 369 Pine St., San Francisco.

Plans Being Figured—Bids Close March 19, 1923, 8 p. m.
SCHOOL BLDG. Cost, $55,000
TURLOCK
One-story 8-room brick and concrete school bldg. with tile roof (2nd unit, and will be known as the Science wing).
Owner — Turlock Union High School District.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
Figures are being taken for the following segregations: General contract, heating, electrical work, linoleum, window shades and blackboards. Plans may be obtained from the architect.

MONTEREY, Monterey Co., Cal.—F. W. Wentworth & Co., 539 Market St., San Francisco, at $644 awarded contract by Monterey High School District for fur. and install. 64 students' desks in high school addition.

Contracts Awarded and Bids Rejected.
SCHOOL Cost, $150,000
MOUNTAIN VIEW, Santa Clara Co., Cal.
Two-story reinforced concrete high school with tile roof.
Owner — Mountain View Union High School District.
Architect—W. H. Weeks, 369 Pine St.,
Excavating, grading and concrete work and carpenter work awarded to John D. Carlson of Turlock, $36,378
Iron and Steel to Fair Mfg. Co., 617 Bryant St., San Francisco, $3676.
Tile Roofing to Gladding, McBean Co., Crocker Bldg., San Francisco, $3495
Terrazzo Work to Oakland Concrete & Terrazzo Co., 2227 Market St., Oakland, $1530.
Glass and Glazing to W. P. Fuller & Co., Beale and Mission Sta., San Francisco, $2420.
Sheet Metal Work to Christensen & Anderson, 167 Hamilton Ave., Palo Alto, $2362.
Composition Flooring to Malott & Peterson, 2412 Harrison St., San Francisco, $326.
Hardware to E. M. Hundley & Mahony, 183 Stevenson St., S. F., $1990.
Lathing and Plastering to Thos. Carroll, 418 Capp St., S. F., $16,800.
Window Shades to D. N. & E. Walter & Co., 564 Mission St., S. F., $1510.
Electrical Work to M. E. Ryan, Clunie Bldg., S. F., $6500.
Steel Lockers—Bids still under advisement.
Special Furniture—Bids still under advisement.
Masonry Work—Rejected.
Cork Carpet and Linoleum—Rejected.
Heating and Ventilating—Rejected.
Slate Black Boards—Rejected.
Plumbing—Rejected.
Painting—Rejected.

MT. VIEW, Santa Clara Co. Cal.—The Board of Trustees of the Mountain View Union High School District received the following bids on February 21th, for the construction of a two-story reinforced concrete school building with tile roof. Plans were prepared by Architect W. H. Weeks, 369 Pine Street, San Francisco. All bids were taken under advisement until February 28th. The bids were taken on the following propositions:

1. Excavating, grading, and concrete work; 2, iron and steel; 3, composition floor work; 4, terrazzo work; 5, tile work; 6, mason work; 7, carpenter work; 8, blackboards; 9, glass and glazing; 10, finish hardware; 11, lathing and plastering; 12, composition roofing; 13, terra cotta tile roofing; 14, special fixtures and furniture; 15, cafeteria kitchen equipment; 16, window shades; 17, cork carpets and linoleum; 18, steel lockers; 19, electric work; 20, plumbing; 21, sheet metal; 22, painting; 23, heating and ventilating.

Combination Bid (No. 1 & 7)
John D. Carlson, Turlock.....$86,378
(a) $5633, (b) $2805, (c) $3733
Cobby & Owlsey, S. F.....$95,290
(c) $4000
Combination Bid (No. 1, 7 & 14)
J. Balcomb $129,374
(a) $5358, (b) $1987, (c) $3260
Carpentry Work (No. 7)
J. Balcomb $55,763
(a) $3603, (b) $1123, (c) $630
Larsen & Siegrist, S. F. 49,218
(a) $3747, (b) $1149, (c) $547
Combination Bid of All Work Complete
Larsen & Siegrist, S. F.....$216,601
(a) $13,525, (b) $4753, (c) $5083
(Larsen & Siegrist also submitted a combination for $117,677, alternate $8732 on No. 1, 6 & 7)
Painting
R. Zelinsky, S. F. $7235
(a) $284, (b $)150, (c) $100
A. Quandt, S. F. 8073
(a) $300, (b) $120, (c) $50
Iron & Steel
Fair Mfg. Co., S. F.....$3676
(a) $133, (b) $25, (c) $130
C. J. Hillard, S. F. 4845
(a) $169, (b) $71.
Plumbing
A. Lettich, S. F. $14,615
(a) $505, (b) $75, (c) $175
Minton Co. 14,639
(a) $570
Carl T. Lovell, Oakland 14,775
(a) $1006, (b) $245, (c) $189
Christiansen & Anderson..... 10,985
(incomplete bid)
Tile Roofing
Gladding-McBean Co., S. F.....$3495
(a) $315
J. A. Drummond, S. F. 3950
(a) $425
Terrazzo Work
Oakland Concrete & Terrazzo Co..$1530
(a) $50
Glass & Glazing
W. P. Fuller Co., S. F.....$2420
(a) $135, (b) $38, (c) $28
Sheet Metal Work
Christiansen & Anderson $3187
(a) $150.
Heldt Cornice Co., S. F. 2362
(a) $171, (b) $77, (c) $10
Composition Roofing
Malott & Peterson, S. F.....$1398
(a) $176, (b) $92
W. J. Porter 1567
(a) $83.50, (b) $124
Western Asbestos Magnesia Co. San Francisco 1620
(a) $240, (b) $120
J. W. Bender 1675
(a) $200, (b) $115
Composition Flooring
Insulite Chemical Co. $360
Malott & Peterson 326
Hardware
Growers Hardware Co.....$2375
(a) $150, (b) $70, (c) $90
E. M. Hundley, S. F. 1990
(a) $40, (b) $30, (c) $25
Lathing and Plastering
Thos. Carroll $16,800
(a) $485, (b) $250, (c) $150
J. F. Smith 19,600
(a) $800, (b) $275, (c) $400
Heating and Ventilating
Knittle-Cashel Co. $23,070
(1) $22,975, (2) $23,074
(a) $506, (b) $251, (c) $211
Scott Co. 23,520
(1) $23,290, (2) $23,520
(a) $1050, (b) $495, (c) $200
Carl T. Doell 23,579
(1) $23,359, (2) $23,445
(a) $884, (b) $289, (c) $308
J. E. O'Mara 24,223
(1) $24,100, (2)$—
(a) $800, (b) $380, (c) $190
Christianson & Anderson 25,250
Cork Carpet & Linoleum
D. N. & E. Walter Co., S. F.....$1939.30
(a) $114.80, (b) $4.90, (c) $13.05
Moore Furn. Store, Mt. View.. 2420.40
W. & J. Sloane, S. F. 2606.00
Slate Black Boards
Rucker-Fuller Co., S. F. $2212
(a) $205
C. F. Weber, S. F. 2286
(a) $211
Stewart Sales Co., S. F..... 2293
(a) $213
Steel Lockers
Waterhouse & Wilcox 899
Fred Medart Mfg. Co. 963
Geo. Trask, S. F. 1017
Malott & Scholten 1024
Berger Mfg. Co. .....$2.75 & $2.90
Special Furniture
Pacific Mfg. Co. $17,905
C. F. Weber Co., S. F. 23,850
Window Shades
D. N. & E. Walter Co.....$1510
(a) $246.75, (b) $63, (c) $168
Moore Furniture Store 1666.75
(a) $147.40, (b) $40.50
W. & J. Sloane Co. 1832
(a) $169.50, (b) $54.50, (c) $12.50
Western States Seating Co.....2307.40
(a) $371.60
Electrical Work
M. E. Ryan, S. F. $6500
$600, $140, $.., $40, $.., $12
Crown Elec. Co. 6500
$1300, $260, $.., $136, $.., $80
Watts Elec. Co. 6600
$1200, $260, $.., $40, $.., $20
Roy M. Butcher 7204
$673, $176, $147, $48, $70, $44.50
Stanford Elec. Co. 8770
$2900, $64, $.., $41, $.., $26
Brick Work
F. Gardiser, San Jose $8498

LOS ANGELES, Los Angeles Co., Cal.—The Board of Education has appointed architects to design new school buildings as follows: Train & Williams, 226 Western Mutual Life Bldg., 10-unit school at Belvedere site to cost $70,000; Hudson & Munsell, 9-unit school at Bridge St. site to cost $63,000. The architectural department of the Board of Education was authorized to prepare plans for an 8-unit addition to the Barton Hill school building to cost, $56,000.

MONTEREY, Monterey Co., Cal.—Stewart Sales Co., Rialto Bldg., San Francisco, at $312.25 awarded contract by Monterey School District to fur. and install window shades in high school addition.

LOS ANGELES, Los Angeles Co., Cal.—Architect Albert C. Martin, 430 Higgins Bldg., has completed plans and is taking bids for erecting a four-story Class A store and university building at 1123 S. Hill St., for Southwestern University. Reinf. concr. construction, 50x150 ft., press. brick and terra cotta front. Bids are being taken separately on the general contract, plumbing, heating, painting and wiring

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RICHGROVE, Tulare Co., Cal.—Preliminary plans of Architects Lindley J. Kump Co., Rowell Bldg., Fresno and Eugene K. Martin, Arlington Bldg., Bakersfield, for a new school are being considered by the trustees of the Richgrove School District. A selection will be made shortly. The district recently sold the $20,000 bond issue to finance the structure for a premium of $916.

REDONDO, L. A. Co., Cal.—Archts. Allison & Allison, 1405 Hibernian Bldg. L. A., have been commissioned to prepare plans for a new bldg. to be erected at Redondo union high school. It will contain 18 class rms. and will be of brick constr. with plas. exter., tile rfg. It is possible that a girls' gymnasium will also be erected. Bonds in the sum of $195,000 have been voted.

SANTA MARIA, Santa Barbara Co., Cal.—Architect Allison & Allison, 1405 Hibernian Bldg., Los Angeles, are completing plans for a gymnasium building and manual arts building to be erected at Santa Maria high school. The gymnasium will be 50x90 ft. with showers and lockers, and the manual arts building will be 45x175 ft. The gymnasium will be of frame and plaster construction, metal lath, tile roofing; the manual arts building will be brick construction.

SANTA ANA, Orange Co., Cal.—F. H. Eley, Santa Aana, is preparing plans for the junior high school building to be erected under the recent bond issue. It will contain 25 classrooms and an auditorium to seat 800 people; 2-story, 306x63 ft. with a wing for auditorium; reinf. concr. walls, plaster exterior, tile and comp. roofing, pine trim, steam heating. Cost, $200,000.

EAGLE ROCK, L. A. Co., Cal.—J. A. Wolvin Co., Braly Bldg., Pasadena, was awarded the general contract at $103,887 for erecting a new library bldg. at Occidental College. Other conts. awarded were: Electric work to H. H. Walker at $3130; plumbing to E. O. Nay Co. at $1935. Myron Hunt, 1107 Hibernian Bldg., L. A., archt. The bldg. will be 2-story, mezzanine and basement, 65x116 ft., reinf. conc. frame and fls., brick filler walls, stucco and cast stone exterior, clay tile rfg.

LOS ANGELES, Cal.—Darrell Condley Co., 520 Marsh-Strong Bldg., L. A., was awarded the gen. contr. at $113,975 for erecting a new auditorium bldg. at Jefferson high school. Contract was awarded on the original bid of $114,200 with a deduction of $225 for Carey rfg. Other contracts let were: Plumbing to E. W. Crowell at $2779; heating to Hoagland-Lakin Co. at $13,083; painting to R. E. Swan at $2784; sprinkler system to Thos. Haverty Co., at $1250. Norman F. Marsh, 211 Broadway Central Bldg., L. A., archt.

ST. HELENA, Napa Co., Cal.—Trustees of Pacific Union College contemplate erection of news boys' dormitory to replace present structures, Est cost $50,000.

SANTA Monica, L. A. Co., Cal.—Until 8 p. m., March 14, new bids will be rec. by board of education of Santa Monica for contract No. 1, excavating, concrete, carpentry, masonry, cast stone work and iron work, for new Lincoln junior high school bldg. at Santa Monica. Allison & Allison, 1405 Hibernian Bldg., architects.

PALO ALTO, Santa Clara Co., Cal.—The Sherman Co., Palo Alto, at 409.70 submits low bid to Board of Education for furnishing window shades for school building. W. & J. Sloane, San Francisco, only other bidder at $481.50. Taken under advisement.

SACRAMENTO, Cal.—The following bids were opened on February 23rd, by the Board of Trustees of the Sacramento City High School District for the construction of eight one and two-story brick, steel, concrete and terra cotta high school buildings. Plans were prepared by Architects E. A. Mathews and H. Simpson, Call Bldg., San Francisco. They will be erected on the block bounded by Thirty-fourth, Thirty-fifth, U and V streets. All bids were taken under advisement until February 26th. The lowest bid on the general contract was from the Mathews Constr. Co.

General Contract

Mathews Constr. Co., Forum Bldg., Sacto., $383,266; (1) alternate, $3500 deduct.
K. E. Parker Co., Clunie Bldg., San Francisco, $386,683 (1) $1550.
Wm. Murcell, Sacramento.....$388,274 (1) $5030.
Robert Trost, San Francisco..$399,000 (1) $3740.

Plumbing and Sewering

Hateley & Hateley, Mitau Bldg., Sacramento $32,598
Latourrette-Fical Co., Sacto.... 34,600
Luppen, Hawley & Thing, Sacto. 35,290
Scott, Lyman & Stack, Sacto... 36,250

Heating and Ventilating

Hateley & Hateley, Mitau Bldg., Sacramento $56,518
Latourrette-Fical Co., Sacto.... 57,300
Luppen, Hawleiy & Thing, Sacto 59,090
Scott, Lyman & Stack.....

Electrical Work

Latourrette-Fical Co., 907 Front St., Sacramento.....$34,800
Newbery Elec. Co., S. F..... 35,134
Butte Elec. Mfg. Co., S. F..... 35,450

Steel

Palm Iron & Bridge Co., 1814 15th St., Sacto., $53,640; (1) $250.
Pacific Rolling Mills, S. F.....$54,056 (1) $271.
Union Constr. Co., Oakland.....$60,500 (1) $300.

SACRAMENTO, Cal.—The following bids were received on February 27th by Geo. B. McDougall, State Architect, Chief, Division of Architecture, Forum Building, Sacramento for the erection and completion of Home Economics building, and Manual Arts building, San Jose. Separate bids were received for the mechanical equipment. All bids were taken under advisement.

General Contract

(Alternate is for completion of Economics Building and omitting the interior finish of the Manual Arts Building).

Sampel & Cody, Call Bldg, San Francisco, $127,600, 200 days; $117,600, 200 days.
John Morton, San Francisco, $129,196, 300 days; $124,207, 300 days.
Larsen & Siegrist, San Francisco, $142,977, 200 days; $129,628, 195 days.
Peters Constr. Co., San Francisco, $145,650, 180 days; $132,500, 180 days.
C. L. Wold Co., San Francisco, $147,576, 290 days; $134,432, 290 days.
Hannah Bros., San Francisco, $149,000, 200 days; $127,000, 200 days.
Reilly & Nemetz, San Francisco, $164,900, 220 days; $151,000, 220 days.

Mechanical Equipment

(Alternate is for completion of work in Economics Building and roughing in or work in Manual Arts Building).

Latourrette-Fical Co., 907 Front St., Sacramento, $35,385, 100 days; $27,885, 75 days.
Scott Co., San Francisco, $40,982, 150 days; $34,282, 150 days.
Butcher & Serpa, San Jose, $43,250, 130 days; $37,355, 115 days.
Standard Elec. Constr. Co., San Francisco, $18,785; $43,266.

LOS ANGELES, Cal.—Archts. & Engineers Truesdell, Purinton & Newton, 304 San Fernando Bldg., L. A., completing plans for an 8-unit school bldg. with auditorium to seat 500, to be erected at 64th and Main Sts., for Parish of St. Columbkille, Rev. D. J. Nunan pastor. Brick walls, 2-story, plas. exter. tile rfg., cem. and maple flis., gas furnace htg., basement, metal sash, wire glass; $65,000. Only 4-rooms and auditorium will be erected at this time.

LOS ANGELES, Cal.—H. H. Hinds 351 S Hoover St., was low bidder at $112,000 on the gen. contr. for erecting a new school bldg. at Yorkdale school site. Parker O. Wright, Central Bldg., L. A., archt. Low bidders on other contracts were; F. J. Donnelly on heating at $6158; E. F. Crowell on plumbing at $7589; Leo H. Hubbert on painting at $3400; Amer. Electric Constr. Co. submitted the only bid on wiring at $3,599.90. The bldg. will be brick constr. and will contain 14 rooms. A complete list of the bids are on file in this office.

LOS ANGELES, Cal.—H. H. Hinds, 351 S Hoover St., was low bidder at $86,900 on the gen. contr. for erecting a new school bldg. on 2nd St. school site; Chas. M. Hutchinson, archt. Low bidders on other contracts were: E. Drawbaugh on painting at $3150; Ashworth & Gallop on plumbing at $6795; and L. Z. Brown on heating at $7095. The bldg. will contain 16 rooms; brick constr., ruff brick facing, slate rfg. Complete list of bids on file in this office.

BANKS, STORES & OFFICES

Sub-Figures Being Taken.
STORES, ETC. Cost, $165,000 ea.
SAN FRANCISCO. S Market bet. 7th and 8th Streets.
Two three-story steel frame and reinforced concrete store and office buildings.
Owner—Marion Realty Co., 110 Sutter St., San Francisco.
Architect — D. C. Coleman, 110 Sutter St., San Francisco.

Low Bidders.
OFFICE BLDG. Cost, $45,000
BERKELEY, Alameda Co., Cal., Shattuck Ave., and Center St.
Two-story and basement reinforced concrete store and office bldg.
Owner—Frank Naylor.
Architect—Jas. W. Plachek, 2014 Shattuck Ave., Berkeley.
Low Bidders—Walter Murch, Federal Realty Bldg., Oakland, $28,742; Conner & Conner, $29,650.

Bids Opened.
OFFICE BLDG. Cost, $30,000
OAKLAND, Alameda Co., Cal. E Franklin St. north of the Fulton Theatre
Two-story reinforced concrete office bldg., 25x150 (cement front).
Owner—Rupert Whitehead.
Lessee—Wickham-Havens Co., Inc.
Architect—Chas. W. McCall, Central Bank Bldg., Oakland.
M. E. Hopper & Son, 1117 Webster St., Oakland $26,400
L. R. Holm 27,857
John Bartlett 28,387
Bay Construction Co. 28,500
Schuler & McDonald 30,847
A. J. McPhee 31,000
R. V. Wood 31,440
H. C. Cameron 31,700
The contract will be awarded to the lowest bidders.

Building Permit Granted.
STORE, ETC. Cost, $——
PORTERVILLE, Tulare Co., Cal. Main Street near Olive.
One-story brick restaurant and store, 22½x110 feet.
Owner—Joe L. Chinn and Joe Sook Tie, Porterville, Calif.
Architect—Claire C. Morris, Porterville

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3117-3119 TWENTIETH STREET near Harrison St.

SAN FRANCISCO, CALIF.

Contract Awarded.
STORES Cost, $68,600
SAN FRANCISCO, SW Mission 133 NE Fifth.
Two-story and basement reinforced concrete stores.
Owner—Selby & Henry R. Mohr.
Architect—W. H. Crim, Jr., 425 Kearny St., San Francisco.
Contractors—Hannah Bros., 142 Sansome St., S. F.

Plans Being Prepared.
STORE BLDG. Cost, $25,000
SAN FRANCISCO, E Mission St., betw. 17th and 18th Sts.
Two-story and mezzanine floor brick class C store bldg., 75x122-6 (cem. exterior).
Owner—Klopstock Bros.
Architect—Mel I. Schwartz, Nevada Bk. Bldg., San Francisco.

Ready For Figures Next Week.
FILM EXCHANGE Cost—
SAN FRANCISCO, N Turk Street W Leavenworth Street.
Two-story and mezzanine floor reinforced concrete film exchange, 50 by 137-6.
Owner—Louis R. Lurie.
Architect—Albert Schroepfer, Nevada Bank Bldg., San Francisco.
Lessees—Peerless, Supreme & Select Film Companies, and Kemp Laboratories.
Bids will be taken for a general contract.

Contract Awarded.
BANK BLDG. Cost, $18,000
SAN FRANCISCO. NW Miramar and Ocean Aves.
One-story hollow tile, frame and plaster bank (Spanish Style).
Owner—Mercantile Trust Co.
Architect — G. Albert Lansburgh, 140 Montgomery St., San Francisco.
Contractor—Wm. Bateman, 1915 Bryant St., San Francisco.

Low Bidders.
OFFICE BLDG. Cost, $——
CHICO, Butte Co., Cal. SW Third and Main Streets.
Four-story Class C bank and office building (60 offices).
Owner—First National Bank of Chico
Architect—Cheater Cole, Chico, Cal.
The lowest bid was submitted by Hannah Bros., 142 Sansome St., San Francisco, at $156,000, the next lowest bid was from Fred Betz of Sacramento at $168,000.

LONG BEACH, L. A. Co., Cal.—Archt. W. Horace Austin, 222 First Nat. Bank Bldg., Long Beach, is preparing plans for a $1,000,000 12-story class A "own-your-own" newspaper and office bldg. on Broadway nr. Pine Ave., Long Beach for a company headed by Edwin M. John, owner of the site. The basement and first floor will be occupied by the Long Beach Press. Found. 75x150 ft., conc. constr., probably terra cotta front, face brick on alley side, 26 or 28 offices on each of ten floors, 3 elevators, steam heating, elec. incinerator, vacuum cleaning system.

LIVINGSTON, Merced Co., Cal. — Frank E. Crowell, of White, Crowell Co. Inc., Livingston, will erect a one-story brick, 75x80 ft. store building on the state highway, construction to be started April 1.

OROVILLE, Butte Co., Cal. — A. Vaughan, 1344 Danielson, Oroville, is having plans prepared for a one-story fireproof store building at High and Huntoon Sts., to cover an area of 200 by 72 ft. Will contain three stores.

LOS ANGELES, Cal.—C. E. Toberman Co., Toberman Bldg., Hollywood, contemplates the erection of an 8-story and basement class A store and office bldg. at n.e. cor. of Hollywood Blvd. andMcCadden Pl. It will be 66x130 ft. and will cost $350,000.

LOS ANGELES, Los Angeles Co., Cal. —Architect Edwin Bergstrom, 1128 Cit. Nat. Bank Bldg., Los Angeles, has prepared plans and application has been made for a permit for erecting five additional stories to the Metropolitan theatre building at 6th and Hill Sts. for Hill Street Fireproof Building Co. It will cost $500,000. The building was originally designed for 12 stories.

FRESNO, Fresno Co., Cal.—Dr. Geo. H. Sciaroni, 3119 Grant St., Fresno, is having plans prepared for a two-story fireproof physicians building to be erected at Van Ness Ave. and Calaveras St., est. cost. $125,000.

HOLLISTER, San Benito Co., Cal.—Chas. Hyman & Son, owners of the Wardrobe Dept. Store, will construct second story addition to present structure for office quarters; est. cost, $25,000.

LONG BEACH, Los Angeles Co., Cal.—Ernest H. Gates and John Visser, 1120 American Ave., Los Angeles, have prepared preliminary plans for an own-your-own $1,000,000, 12-story Class A, Oil Exchange office and store building to be erected at northwest Third St. and American Ave., Long Beach, which site is under 99-year lease to H. R. Earp, president American Savings Bank, according to announcement by J. Clyde Lindsey, fiscal agent, 18 American Ave., Long Beach. Found., 80x125 ft., base and sub-base, steel, concr. brick and terra cotta constr., marble corridors and stairs, 7 stores, 26 offices on each upper floor, 4 high-speed passenger and 1 freight elevators, steam heating, vacuum cleaning.

LOS ANGELES, Cal.—Llewellyn Iron Works has been awarded the contr. for furnishing and erecting structural steel for the two class A 12-story office bldgs and 3-story class A shop bldg. to be erected on Mercantile Pl. for A. C. Blumenthal and associates. Macdonald & Couchot, 234 Pine St., San Francisco archts. Macdonald & Kahn, Loew State Bldg., L. A., contrs.

LOS ANGELES, Cal. — Macdonald & Kahn, 603 Loew's State Bldg., L. A., have the contract to erect a 3-story store, office and hotel bldg., at cor. 7th St. and Central Ave., for M. Elasser; will contain 20 stores, 74 offices and 90 hotel rms., each to have lavatory. Brick walls, 3-story, L-shape, 216x246x67 ft., press. brick facing. Plans by Archts. Swasey & McAfee, Hibernian Bldg., L. A.; cost, $250,000.

FRESNO, Fresno Co., Cal.—The Bank of Italy has purchased the property on the northeast corner of Mariposa and Broadway and plans to erect a large office and bank building in about a year when the leases on the present buildings have expired.

THEATRES

MONTEREY, Monterey Co., Cal.—Bids for furnishing and installing stage equipment in the gymnasium of the Monterey High School will be asked by trustees of the district within the next few days.

Plans Being Figured.
ALTERATIONS Cost, $30,000
SAN FRANCISCO. Location Withheld.
Reconstruction and alterations to theatre (new paint, reconstruct boxes, mezzanine, redecorate, etc.)
Owner's Representative—C. E. Thorne with W. G. McCann, 404 Post St., San Francisco.
Architect—W. G. McCann Co., 404 Post St., San Francisco.
Plans will be ready for bids on Feb. 27th.

SANTA BARBARA, Santa Barbara Co., Cal.—Architects Searle, Murphy & Hastings, 1200 State St., Santa Barbara, have been commissioned to prepare plans for a four-story store and office building to be erected on the site of the old Williams Hotel, State and De La Guerra Sts. A building permit has been secured. Est. cost of the building, $275,000. It will be of Spanish type, 1-story, 104x170 ft., and contain several stores on the ground floor and offices above. D. C. Williams, J. Y. Parker and T. Williams Trustees are back of the project.

FULLERTON, Orange Co., Cal.—Stanley Chapman has secured a permit to erect a theatre building at 312-16 N. Spadra Rd. The theatre proper will be 60x148 ft., with stores for fronts at entrance, approx. 7x70 ft. Construction will be of reinforced fireproof type, cost, $75,000. Equipment will cost approx. $75,000 in addition to cost of building. Harry Lee Wilber is said to be lessee. Architect Eugene M. Durfee, 5 Cusson Bldg., Anaheim, has been commissioned to prepare plans.

WHARVES & DOCKS

LOS ANGELES, Los Angeles Co., Cal.—Walter I. Osborne, Pacific Coast Agent E. D. Giberson Co., Inc., 44 Natoma St., San Francisco, submitted low bid to harbor commission for reinf. steel for wharf at $47.17-17.5, at prices varying from $48.50 per ton to $63.90 per ton for rods varying from ⅝-in. to ¾-in. and 21 to 29 ft. long; delivery in 60 days. Other bids were: American System of Reinforcing, $62 to $67; first car in one day; balance as required; Pacific Coast Steel Co., $65 to $70; 5 days; United Commercial Co., $64.40 to $69.40, 30 days.

MISCELLANEOUS BUILDING

Contracts Awarded.
BUILDING Cost, $16,000
SAN FRANCISCO. Islais Creek.
One-story reinforced concrete building.
Owner—Banner Refining Co., Kohl Bldg., San Francisco.
Architect—None.
Contractor — J. J. Irwin, 801 Cabrillo St., San Francisco.
Pile foundation awarded to Renner Foundation Co., 628 Montgomery St.

Contract Awarded.
STATION Cost, $60,000
KINGSBURG, Fresno Co., Cal. Draper St. and State Highway.
Brick freight and passenger station.
Owner—Southern Pacific Company.
Architect—Eng. Dept. of S. P. Co., 65 Market St., San Francisco.
Contractor—Hansen & Buchen, Modesto.

PORTLAND, Ore.—Archt. E. E. McClaran, Exchange Bldg., has completed plans for natatorium consisting of 2 pools, 40x80 and 40x60 ft., with dance hall, 60x100 ft., bowling alleys, etc., to be erected for the Cannon Amusement Co., at Cannon Beach. Work will be started shortly by day labor.
(45399) 19

GREAT FALLS, Montana — Archland Refining Co. of Great Falls has filed articles of incorporation and will construct a refinery in that city. Company is capitalized at $350,000 with Frank G. Noren, president. Others interested include: L. A. Stanton, Frank Walters, Herman McCann and C. A. Luckett, all of Great Falls.

MAY CONTRACT IN EXCESS OF AUTHORIZED EXPENDITURE

There was recently submitted by the chief of engineers, United States Army, for decision a question as to whether a contract may be lawfully entered into under the provisions of section 10 of the act of Sept. 22, 1922, for dredging in Honolulu harbor, Hawaii, at a cost of from $949,540 to $1,028,764.80, when the only funds available at this time for such work consist of an allotment of $300,000 from the amount appropriated by the act of June 30, 1922.

The comptroller general finds no objection to the proposed contract in view of the fact that a paragraph made a part of the contract specifically provides that the Government is not bound for the payment of any sum in excess of that now available from the allotment by the Secretary of War nor liable in any manner for the failure of Congress from time to time to appropriate funds for so much of the work done in excess of available funds, or to appropriate funds to continue or complete the work.

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Official Proposals

NOTICE TO BIDDERS

(Oakley School District)

Sealed bids are hereby invited and will be received by the Trustees of the Oakley School District of the County of Contra Costa, State of California, at the School House of said District in the Town of Oakley, County of Contra Costa, **up to and including the hour of 4 P. M., on Monday, March 19th, 1923,** for all material and labor for the construction and completion of a hollow tile and frame School Building, on the school lot of said District, according to plans and specifications prepared by Narbett & O'Brien, the Authorized Architects and heretofore adopted by said Board of Trustees.

Plans may be obtained at the offices of Narbett & O'Brien 906 Macdonald Ave., Richmond, California, and Bacon Bldg., Oakland, California. A deposit of Five ($5.00) Dollars will be required for the safe return of each set of plans.

All bids shall be made out on bid form furnished by the architects.

Bid shall be delivered to Mrs. Lillian L. Hall, Clerk of the Board, Oakley, California. Said bid shall be enclosed in sealed envelope, and addressed to the Board of School Trustees, Oakley School District, Oakley, California. A certified check of ten (10%) per cent of the amount of proposal, payable to Oakley School District, must accompany each bid.

The successful bidder to obtain bonds and sign a contract for the amount of his proposal, within five (5) days after the award of contract to him under this notice, should he fail to do so within the time fixed, his check will be forfeited to said district. All checks will be returned to the unsuccessful bidders after the contract has been signed and bonds furnished by the contractor whose bid has been accepted.

The Board of School Trustees reserves the right to reject any or all bids or any part of any bid.

Dated: February 20, 1923.

LILLIAN L. HALL,
Clerk of Board of School Trustees,
Oakley School District.

SEGREGATED BIDS BEING TAKEN FOR ALAMEDA HEALTH CENTER BUILDING

NOTICE TO BIDDERS

One-story Frame and Stucco Structure

NOTICE IS HEREBY GIVEN that the Council of the City of Alameda will receive sealed proposals or bids on **Tuesday, March 20, 1923, up to the hour of 8 o'clock P. M.** for the construction of the Alameda city health center building to be located on the south side of Santa Clara avenue between Oak and Walnut streets in said city. The bids are to be filed with the city clerk and will be publicly opened and declared on said day and hour in the council chamber of the city hall of said city. Plans and specifications for the proposed building may be obtained in the office of Mr. Carl Werner, Architect, Santa Fe Bldg., San Francisco, and the bids are to be submitted on forms furnished by said architect.

All bids must be accompanied by a certified check or bond in an amount not less than 10 per cent of the aggregate of the bid, conditional that the bidder will enter into a contract with said city in case the same should be awarded to him.

The council reserves the right to reject any and all bids.

By order of the City Council.

W. E. VARCOE, City Clerk.

Dated February 20, 1923

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

BIDS WANTED FOR ALTERING U. S. BUILDING

NOTICE TO CONTRACTORS

Office of Supervising Superintendent of Construction, Room 402 Post Office Bldg., San Francisco, Calif., Feb. 21, 1923.

SEALED PROPOSALS will be received and opened in this office at 12 o'clock M., March 15, 1923, for furnishing the materials and labor for alterations for District Court, etc., at the U. S. Court House, Post Office & Custom House, Los Angeles, Cal. Drawings and specifications may be obtained from the Custodian, or at this office, in the discretion of the Suvervising Superintendent. Wm. Arthur Newman, Acting Supervising Superintendent.

BIDS WANTED FOR U. S. VETERANS' HOSPITAL BUILDINGS

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received by the Director, U. S. Veterans' Bureau, Arlington Building, Washington, D. C., until 11 A. M., March 29, 1923 and then and there publicly opened, for complete construction of 24 reinforced concrete buildings and utilities of the U. S. Veterans' Hospital at Livermore, California. Drawings and specifications may be obtained upon application to the office of Matthew O'Brien, Architect, No. 68 Post Street, San Francisco, California. Deposit of a certified check or postal money order for $250.00, payable to Matthew O'Brien, is required as security for the safe return of the drawings and specifications. C. R. Forbes, Director, U. S. Veterans' Bureau. February 27, 1923.

NOTICE TO BIDDERS

(Metal Furniture)

NOTICE IS HEREBY GIVEN that sealed bids will be received by the Board of Supervisors of Glenn County, California, at the office of the County Clerk, at Willows, California, **until ten o'clock A. M., Monday, March 12th, 1923,** for supplying the County Auditor's Office with metalic furniture in accordance with plans and specifications adopted by the Board of Supervisors for the same on file in the office of the County Clerk and to which reference is made for further particulars. The Boar reserves the right to reject any or all bids.

WITNESS my hand and the seal of the Board of Supervisors of Glenn County, California, affixed this 19th day of February, 1923.

(SEAL) W. H. SALE,
County Clerk.

QUANTITY SURVEYOR
and Valuation Engineer
Buildings and Engineering Works
ARTHUR PRIDDLE
693 Mission Street, at Third St.
San Francisco, Calif.
Telephone Douglas 8-4-9-3

BIDS WANTED FOR REFRIGERATING MACHINERY & EQUIPMENT

NOTICE TO CONTRACTORS

OFFICE CONSTRUCTING QUARTERMASTER, HONOLULU, H. T.—Sealed proposals for material and labor for installation of machinery and equipment in refrigerating plant to be erected at Schofield Barracks, Oahu, T. H., will be received and opened at **12 Noon, April 12, 1923,** at this office. Plans and specifications can be obtained here or from Constructing Quartermaster, Fort Mason, San Francisco, Calif., on deposit of Twenty Dollars which will be refunded on return of plans and specifications.

NOTICE TO BIDDERS

(Steel Frame Freight Shed)

Notice is hereby given that sealed proposals are invited to be delivered at the office of the City Clerk of the City Council of the City of Stockton in the annex to "The Stockton," Stockton, California, **up to and including the 13th day of March, 1923, at the hour of 10:30 o'clock A. M.,** for the furnishing of all labor, material and equipment necessary to construct a steel frame freight shed eighty-five (85) feet in length on the north bank of Stockton channel west of Cross street, in the City of Stockton, according to the plans and specifications therefor, on file in said office, to which reference is hereby made.

The contract for the performance of said work and the furnishing of said material shall be executed within ten (10) days after the award thereof shall have become final, and the performance thereof shall be commenced within ten (10) days after the execution of the contract for the same, and completed within ninety days thereafter.

The successful bidder is required to give bonds for the faithful performance of the contract in the sum of fifty per cent of the contract price.

All proposals shall be accompanied by a check certified by a responsible bank, payable to the order of the City Clerk, or by coin of the United States, for an amount not less than ten per cent (10%) of the aggregate of the proposal.

In the event that the person, firm or corporation to whom said contract may be awarded, fails, neglects or refuses to enter into contract to perform said work and furnish said materials as hereinabove provided, then the certified check and the amount therein mentioned, or the coin, accompanying the bid of said person, firm or corporation, shall be declared to be forfeited to said City, as liquidating damages.

Said contract will be let to the lowest responsible bidder, provided, however, that the City Council reserves the right to reject any and all bids and to re-advertise for the bids or to provide for the work to be done by the Department of Public Works.

Dated, February 16, 1923.

A. L. BANKS,
City Clerk of the City of Stockton.

Engineering News Section

BRIDGES

OAKLAND, Cal.—Preliminary plans for the proposed tube to be constructed by Alameda County have been presented to Col. [illegible], Army Engineer, Corps of Fortifications. A publication [illegible] regarding the project will be [illegible] March 9. Plans call for steel tubular tunnel 30 ft. across and 11 ft. high. Roadway for vehicle is provided with foot walks on both side. The tube will run from 4th and Harrison Sts., Oakland to Webster and Oak Sts., Alameda.

FRESNO, Fresno Co., Cal.—County Supv. Chris P. Jensen estimates cost of repairing the bridges spanning Fresno slough on Mt. Whitney Ave., west of Lake are at $18,000. Recommendations follow: westerly bridge be maintained in present condition as temporary structure with exception of flooring to be replaced, 300 ft middle bridge to be replaced by new span 170 ft. long; construction of new bridge to last levee, 460 ft. in length.

SANTA ANA, Cal.—W. M. Ledbetter & Co., Pacific Elec. Bldg., Los Angeles, awarded contr. by supervisors at $62,-500 to const. steel bridge having 11 30-ft spans of conc. piles and one 55-ft. plate girder on the coast highway over Anaheim Bay, second road dist.

MARTINEZ, Contra Costa Co., Cal.—Until March 19, 11 a. m., bids will be rec. by J. H. Wells, county clerk, to const. through-girder bridge over Reliez creek, bet. Lafayette and Walnut Creek. Div. 2 county highway system, involv. 20,700 lbs structural steel; 19 cu. yds. rein. conc.; 1400 lbs. rein. steel 12 cu. yds. rein. abutments and removing present pony truss bridge. Cert. check [illegible] payable to clerk req. R. R. Aindd, county eng.

PORTLAND, Ore.—S. R. Booth, at $39,390 submits low bid to Multnomah County Commissioners to repair Morrison bridge, involv. 202,000 lbs. rein. steel. Pacific bid $195 per lb. Gilpin Const. Co., Portland, Ore., bid $.219, total, $44,-238. Taken under advisement.

DREDGING, HARBOR WORKS AND EXCAVATIONS

SAN DIEGO, Cal.—City council authorizes harbor commission to contract with C. W. Stanford, New York engineer, to furnish plans for the development of San Diego harbor.

IRRIGATION PROJECTS

TRINITY Co., Calif.—Representative Raker requested U. S. Reclamation Service to undertake a survey of 16,000 acres in the Hayfork Valley, Trinity county, with a view to establishing a reclamation project. Plan is to have Government provide half the finds for the survey, the other half to be furnished either by Trinity county or the State of California.

BLYTHE, Cal.—Until 10 a. m., Mar. 17, bids will be rec. by board of directors of Palos Verde Drainage Dist., for const. of drainage system described as the "O'Neill Drain." Work will consist of approx. 1½ mi open drain, involv. excav. of approx. 75,000 cu. yds. material. Plans and spec. may be obtained from the board upon payment of $10. H. C. Neville, chief engr.

OROVILLE, Butte Co., Cal. — Thermalito Irrigation District has voted bonds of $270,000 to finance construction of irrigation works for approx. 4000 additional acres. S. J. Norris, Oroville, chief eng. for district.

MADERA, Madera Co., Cal.—Favorable reports have been received from State Eng. W. F. McClure on the proposed formation of the San Joaquin River Water Storage District. Petition signatures have been checked and approved. A hearing on the project will be held in Madera April 23. Property included in the district is valued at $22,905,180.

LIGHTING SYSTEMS

BERKELEY, Alameda Co., Cal.—F. E. Newbery Co., 417 Webster St., Oakland, at 37,518.34 awarded cont. by council to install 151 electroliers, transformers, globes, lamps and tops, complete with underground cable and conduits in University Ave., bet. Grove and 2nd Sts., and San Pablo Ave., from south boundary to north city limits.

SANTA MONICA, Cal.—D. S. McEwan Santa Monica, awarded cont. by council at $33,487 to const. reinf. conc. ornam. light sys. on Santa Monica Blvd., bet. Ocean Ave. and 14th St., and at $29,-388 for system on Santa Monica Blvd., bet. 14th St. and city limits.

REDLANDS, Calif. — Southwestern Electric Co. awarded contr. by council at $6100 to const. ornam. light system on Cajon St., bet. Olive Ave and Garden St., involv. 84 lights. Russell Electric Co. bid $6200.

SAN MATEO, San Mateo Co., Cal.—City Eng. G. Stanley Whitehead completing spec. for installation of additional electroliers in business district.

SACRAMENTO, Cal. — Businessmen and property owners in Twelfth St., bet the Capitol grounds and the sub-way have petitioned the city commissioners to install electroliers. It is proposed to install eight standards to the block. Albert Givan is city eng.

BERKELEY, Alameda Co., Cal.—City Council, E. M. Hann, clerk, declares intention to install 75 electroliers with globes, lamps and tops complete with underground cables and conduits connecting them, in Telegraph Ave., from south city limits to Allston Way. 1911 Act. Protests March 16. C. L. Huggins, city eng.

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TAFT, Kern Co., Cal.—City Eng. Edw M. Lynch has completed spec. for electroliers to be installed in North 5th, 6th, 4th Center and Main Sts. Bids will be asked shortly.

SACRAMENTO, Cal.—Until March 8, 9 p. m., bids will be rec. by H. G. Denton, city clerk, to fur. and install 34 c. i. octagonal electroliers, with sq. base as per spec. on file in office of clerk, for installation in Electrolier District No. 11. Cert. check 5% payable to clk. req. Albert Givan, city eng.

MACHINERY & EQUIPMENT

REDLANDS, Cal.—George S. Hinckley, city mgr., will purchase an oil wagon with burner for patching city streets.

ANAHEIM, Cal.—Until 8 p. m., March 8, bids will be rec. by City Clk. Edw. B. Merritt, for one 2-yd. dump wagon and one steel road grader, and one steel scarifier or road plow. Cert. chk. 10%.

SAN JOSE, Santa Clara Co., Cal.—Artana-Geoffrey, Santa Clara and River Sts., San Jose, at $877 each awarded contract by supervisors for fur. and del two 4-yd. steel dump bodies, Heil Hydro Hoist No. 5, for use in Rd Dist. No. 4.

RAILROADS

CORONA, Cal.—Santa Fe Ry. is planning an extension of its line up Temescal Canyon to link Corona with Alberhill and Elsinore. Mineral deposits owned by the Blue Diamond Materials Co., in the canyon will be handled more easily and profitably by this means than by trucks as heretofore.

CHICO, Butte Co., Cal.—Application will be filed with the city trustees shortly by the Sacramento-Northern Railroad for permit to construct freight and passenger depot at First and Main streets.

LOS ANGELES, Cal. — The report that the Southern Pacific Co. has included $12,000,000 for improvements in its 1923 budget was confirmed at a meeting of officials in Los Angeles Feb. 24, at which were present C. W. Boschke, chief engineer and T. H. Kirkbride, engineer of maintenance of way. Previously announced plans related to improvement of the roadbed of the S. P. bet. New Orleans and Portland, Ore.; purchase of large numbers of freight and passenger locomotives and cars, and, provided an agreement can be reached with the Mexican government, the construction of about 1200 miles of trackage in Mexico, to enable the Southern Pacific to run trains over its own lines into Mexico City.

BAKERSFIELD, Kern Co., Cal. — Southern Pacific Co. authorized by Interstate Commerce Commission to build 19 miles of new line bet. a point on its main line from Bakersfield to Los Angeles, Calif., at Megenden station to Arvin, Kern county.

OAKLAND, Cal.—City Harbor Eng. Ralph Beebee preparing plans for extensions of trackage on western waterfront from 40th St. to new Santa Fe switching tracks along the Oakland estuary. At 40th St. the extension will connect with the Santa Fe and Terminal Railways tracks, thence down the 4th and 1st Sts., to connect with the W. P. and S. P. then connecting with the 1st St. belt line, the municipal docks, the Santa Fe warehouse, and other industrial plants at the estuary.

IMPERIAL COUNTY, Calif. — Southern Pacific R. R. has filed application with State Railroad Commission for permit const. line from Calapatria to 7 mi. north of Holtville in Imperial county.

The Staley system of electrified railways seeks a permit to build a line through Holtville and Brawley into Indio.

SALT Lake City, Utah.—Utah Central Railroad Co., a new corporation capitalized at $1,000,000, has been authorized by the Interstate Commerce Commission to proceed with the construction of 50 mi. of r.r. in Utah, extending from Wellington to Huntington, with a branch to a Utah junction for a large coal mining district.

VALLEJO, Solano Co., Cal.—W. G. Dullogly, industrial manager and assistant to the president of the Northwestern Pacific Railroad Co., has confirmed the announcement that the company contemplates the construction of a spur track into Vallejo from Marin county across the proposed Sears Point cut-off, a distance of approximately 15 miles.

EUREKA, Humboldt Co., Cal.—Bonds of $100,000 voted at recent election to finance purchase of ties, rails, cars and other equipment for the municipal railway system. John Griffiths is city supt. of public works.

FIRE ALARM SYSTEMS

MODESTO, Stanislaus Co., Cal.—City council will call election to vote bonds to finance improvements to fire alarm system. L. A. Love, city clerk.

MISCELLANEOUS SUPPLIES

LOS ANGELES, Cal.—Smith, Booth, Usher Co., 228 Central Ave. awarded cont. by public service comm. for bolt clippers as follows: item one, 72 at $3 each; item 2, 72 at $4.25 each; item 3, 72 at $5.50 each; discount 2%, 10th of mo. following.

RESERVOIRS AND DAMS

MARYSVILLE, Yuba Co., Cal.—Yuba Development Co., Hobart Bldg., San Francisco, has increased its original bonded indebtedness to $1,500,000 and plans the construction of a dam in the narrows of the Yuba river near Smartsville in addition to constructing power plants. The company is now constructing a big dam at Bullard's Bar in the Yuba river.

PIPE LINES, WELLS, ETC.

ANAHEIM, Cal.—City Clerk Edw. B. Merritt instructed to order 3530 ft. 4-in. pipe, 4700 ft. 6-in. pipe and 1640 ft. 10-in. pipe for extensions to the water system.

LOS ANGELES, Cal.—Southwestern Wharf Co., of Cal. has applied to U. S. War Dept., 725 Central Bldg., for permission to construct a 6-in. pipe line and two 8-in. pipe lines across the east basin channel of Los Angeles harbor. Map showing location of the proposed pipe line will be on exhibition in the office of the U. S. Engr. until 11 A. M., March 5. E. D. Ardery, major corps. of engrs., dist engr.

EUREKA, Humboldt Co., Cal.—Edw. L. Soule Co., Rialto Bldg., San Francisco, at $35.09 per 100 ft. awarded contract by city council for fur. f. o. b. steamer, San Francisco 2100 ft. 3-in. standard black pipe, random lengths. Other bids averaged $40 for 100 ft.

LOS ANGELES, Cal.—Bids rec. Feb. 16 for wrought steel pipe were rejected and the purchasing agent authorized to purchase same in smaller quantities as required.

LOS ANGELES, Cal. — Baker Iron Works, 912 N Bdwy., submitted low bid to public service commission at $4.98 per ft. and at $5.16 ft. incl. fittings for riveted sheet steel pipe. Other bids were: L. A. Mfg. Co., $5.19½; fittings 8c per lb. extra; Western Pipe & Steel Co., $5.10, fittings 7c lb.; Llewellyn Iron Works, $5.20, fittings 7.5c lb.

LOS ANGELES, Cal—U. S. Steel Products Co. awarded contr. by public service comm., for 50,000 ft. 6-in. riveted sheet steel pipe at 60c ft. and 10,000 ft. 12-in. same at $1.69 ft.; delivery in 12 to 14 weeks after receipt of order, by rail and water.

SAN FRANCISCO—Gas Distribution Department of the Pacific Gas and Electric Co., 445 Sutter St., among other improvements to be undertaken this year, will install a gas main from the holder at Army and De Haro St., involving approx. 2340 ft. 36-in., 5409 ft. 24-in., 8661 ft. 20-in. and 10,267 ft. 12-in. pipe. Installation of 4192 ft. 12-in. cast iron main is planned in Folsom St. bet. The Embacadero and Third St.

SEWAGE DISPOSAL PLANTS

HOLLISTER, San Benito Co., Cal.—Town Trustees will call election to vote bonds of approx. $50,000 to finance construction of septic tank and construct sewer laterals. Clyde F. Smith, 516 Santa Barbara Rd., Berkeley, eng.

MISCELLANEOUS CONSTRUCTION

SAN PEDRO, Cal. — Southwestern Shipbuilding Co. (Marco Hellman, pres.) has engineering plans completed for a marine oil distributing plant on Terminal Island. Plans call for a group of 8 reinf. concr. and steel oil-storage tanks, each with a capacity of 80,000 bbls., pumping plant, wharf, and pipe lines to the main land. The tanks alone will represent an investment of $300,000. Tentative plans have been prepared for a 1500 ft. wharf on the main channel side.

SANTA BARBARA, Cal.—Midcoast Rock Co. has been organized in Santa Barbara with a capital of $100,000 and has taken a 10-year lease on property owned by the Sudden estate, about 10 mi. south of Santa Maria, where there are extensive limestone quarries. Directors of the new company are: E. G. Degman, A. W. Belmont, Frank J. Richards.

HEWITT, Cal.—Farley & Farley, 240 E San Fernando Rd., Burbank, have the contract to erect a set of gravel bunkers, 70x30x30 ft., containing 200,000 ft. lumber; 4-room dwelling; office and blacksmith shop; transformer house; foundations for crusher; and a storage pit. These structures will be built at Hewitt, ½ mi. s of Lankershim Blvd. Total cost, $175,000; structural part of work to begin at once, $50,000.

LONG BEACH, Cal.—Graham Bros., 321 E 4th St., have arranged with the Wrigley interests for quarry sites and transportation for a crushing carrying system bet. Catalina Island and the harbor district. A $40,000, 3000-ton crusher plant, Long Beach storage terminal, $100,000 barge and builder equipment and storage yard on Mormon Island are announced.

AVALON, Santa Catalina Island.—Graham Bros., Inc. plan to establish a rock crushing plant on Catalina Island. Storage facilities costing $100,000 are being prepared on Mormon Island. The Wrigley Co will build barges for transporting the rock to the mainland.

WATER WORKS

ETNA MILLS, Siskiyou Co., Cal.—City votes bonds of $25,000 to purchase privately owned water system.

WATSONVILLE, Santa Cruz Co., Cal.—City Eng. H. B. Kitchen has completed specifications for pipe and fittings required for extensions and improvements to water works system and bids have been ordered advertised.

CUTLER, Tulare Co., Cal.—Election will be held in Cutler Public Utility district March 3 to vote bonds of $27,000 to finance construction of water system for domestic purposes and fire protection.

LOS ANGELES, Cal.—Until 10:30 a. m. March 8, bids will be rec. by city council for the purchase of $275,000 district bonds for a water distributing system in the Sawtelle dist., and for the purchase of $100,000 of the bonds for a similar water system in the Angeles Mesa dist.

SAN FRANCISCO — Spring Valley Water Co., 375 Sutter St., preparing plans for concrete flume to be constructed in Niles Canyon district.

PLACERVILLE, El Dorado Co., Cal.—The El Dorado Water Corp. has purchased the Diamond Ridge Water Co., and plans to construct a large reservoir in addition to placing additional lands under irrigation.

INGLEWOOD, Cal.—Chicago Bridge & Iron Wks. submitted low bid to city trustees at $9075 to const. steel stand pipe 84 ft. high, 25 ft. diameter, and Pittsburg-Des Moines Steel Co. submitted low bid at (2) $8385 for constructing 150,000 gal. elevated steel water tank and tower. The proposals are separate and only one contr. will be awarded. The bids were:

Pittsburg-Des Moines Steel Co., (1) ...; (2) $8385.

Chicago Bridge & Iron Wks., (1) $9075; (2) $9075.

L. A. Mfg. Co., (1) $10,800; (2) ...

Minneapolis Steel & Mchy. Co., (1) $12,763; (2) $11,250.

Bethlehem Ship Bldg. Corp., (1) $14,913; (2) $15,988.

Western Pipe & Steel Co., (1) $12,960; (2) ...

Baker Iron Wks., (1) $15,175; (2) $12,277.

Bids were taken under advisement. Arthur Cory, city eng.

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NAPA, Napa Co. Cal.—Bordwell & Zimmerman, Calistoga, are apparently low bidders to const. Milliken Canyon conc. arch dam for municipal water system. A Kempkey, Hobart Bldg., San Francisco, consulting engineer. Following bids received and taken under advisement until March 5:

(1) Const. of single arch concrete dam, having max. height of 112 feet, together with accessories necessary and incidental thereto.

(3) Const. of small diversion dam in Milliken Canyon about one mile above the larger dam to divert the water into a pipe line.

(4) Const. of pipe line leading from the diversion dam as above noted to an existing distributing reservoir, approx. 25,000 feet.

(5) Const. of small pressure break near the point of which the pipe line leaves the canyon.

(6) Supplying and installing of a chlorinator plant.

Combination (1) John May, Napa, $257,567; (2) $241,517.50; (3) $331,577.50 (4) $315,577.50; (5) $201,637.50; (6) $185, 687.50.

Bent Bros., Los Angeles, $226,469 on 2.

Leonard F. Youdall, Stockton, (1) $219,107; (2) $196,476; (3) $295,647; (4) $272,997; (5) $185,947; (6) $152,297.

Sherman & Kraner, San Francisco, (1) $206,398.80; (2) $189,898.80; (3) $206,418.80; (4) $289,918.80; (5) $177,-138.80; (6) $160,638.80.

Bordwell & Zimmerman, Calistoga, (1) $150,790.90; (2) $141,999.90; (3) $199,978.90; (4) $190,988.90; (5) $126,-970.90; (6) $117,980.90.

Construction Co on North America, San Francisco (1) $241,754; (2) $222,354 (3) $326,754; (4) $307,354; (5) $218,674; (6) $199,274.

Arndt & Vensano, San Francisco (2) $272,118.40; (4) $210,518.40; (6) $210,-108.40.

The Schultz Constr. Co., San Francisco (1) $119,660; (3) $172,516; (4) $231,126; (5) $176,246; (6) $157,195.

Napa Lumber Co. and Frank G. Noyes Co., Napa and Henry Cowell Lime & Cement Co., San Francisco, bid $3.11 per bbl. for cement.

For pipe and iron work: L. F. Youdall, Stockton, $5,862; Fnir Mfg. Co., San Francisco, $5,627; S. F. Engineering Co., $4,269.

H. A. Harrold is City Eng. of Napa.

SAN RAFAEL, Marin Co., Cal.—Marin Municipal Water District sells $150,-000 worth of bonds to finance improvements under way and to be taken.

MONTEREY PARK, Cal.—Bids rec. by city trustees for water works equipment were:

Frank J. Kimball Co., (1) deep well pumping units, $1428, (2) complete booster unit, $2181; (3) air chamber and charging device, $980. Allowances for equipment on hand were (a) 3-in. pump, $25; (b) 20 h. p. motor, $80; (c) 25 h. p. motor, $100; (d) 18x12 Luitweiler pump, $200.

Byron Jackson Iron Works, (1) $1040 (2) $2448.45; (3) $994.40. (a) $40, (b) $106, (c) $150, (d) $200.

American Pump Co. (1) $2266.60; bid irregular and bond submitted instead of required check.

Layne and Bowler, (1) $898.80; bid irregular.

SANTA ROSA, Sonoma Co., Cal.—Following contracts awarded by city council:

Pioneer Iron and Brass Foundry and Machine Works, Santa Rosa, 50 manholes, $1375; 50 lampholes, $312.

R. W. Kinney Co., 902 Franklin St., Oakland, 10,000 ft. of ¾-in. galv. pipe, $814.

United States Cast Iron Pipe and Foundry Company, Monadnock Bldg., San Francisco, 1500 feet of 4-in. pipe at $62.60 a ton.

L. B. McGuire, Santa Rosa, 5000 feet of four-inch sewer pipe at 14¾ cents, $733.32.

H. Mueller Mfg. Co., Decatur, Ill., curb cocks, couples, etc., $1450.

PALO ALTO, Santa Clara Co., Cal.—Bonds have been voted to finance water works improvements involv. 14,500 ft. 4-in., 49,000 ft. 6-in., 72,000 ft. 8-in. and 2,700 ft. 10-in. Class B c. i. pipe; 91 hydrants; 97 valves and 37,000 lbs. fittings. Est. cost, $110,000. Bonds to finance construction have been voted. J. F. Byxbee Jr., City Eng.

OROVILLE, Butte Co., Cal.—Daniel Bayles, Biggs, Calif., at $35,711 awarded cont. by Oroville-Wyandotte Irrigation District to const. storage and regulating reservoir on North Honcut creek together with ditches. S. J. Norris, Oroville, ch. eng. for district. Complete list of bids follow:

Daniel Bayles, (1) clearing and grubbing 15 acres, $1500; (2) (excavation for trench) 2500 cu. yds. excavation, $1000; (3) 2000 cu. yds. loose or soft rock, $1000; (4) 50 cu. yds. solid rock $100; (5) 48,300 cu. yds. dam embankment, $20,286; (6) 1500 cu. yds. rip-rap, $4875; (9) 105 cu. yds. conc. outlet conduit and tower, $3150; county road change, (10) 2000 cu. yds. earth excavation, $800; (11) 2000 cu. yds. loose or soft rock excavation, $1000; (12) solid rock excavation, $2000. Total $35,-711.

Hughes and Murphy, Marysville, (1) $1875; (2) $675; (3) $1400; (4) $100; (5) $21,735; (6) $3750; (9) $2362.50; (10) $1850; (11) $1850; (12) $925; total $36,-522.50.

Coast Const. Co., Crocker Bldg., San Francisco, (1) $675; (2) $1500; (3) $1400; (4) $175; (5) $26,565; (6) $1650; (9) $1155; (10) $700; (11) $1100; (12) $2500; total $38,420.

San Francisco Dredge Machinery Co., San Francisco (1) $1500; (2) $1250; (3) $1500; (4) $6250; (5) $26,565; (6) $4500; (9) $2520; (10) $1200; (11) $1500; (12) $1250; total $41,847.50.

M. J. Treaster, Oakland, (1) $1125; (2) $1250; (3) $1500; (4) $100; (5) $25,-980; (6) $6000; (9) $2310; (10) $1000; (11) $1400; (12) $2000; total $42,665.

Tieslau Bros., 2819 Grove St., Berkeley, (1) $1575; (2) $1475; (3) $1900; (4) $125; (5) $30,912; (6) $4500; (9) $3150; (10) $1480; (11) 2300; (12) $2250; total $49,667.

A. J. Grier, 480 Chetwood St., Berkeley, (1) $1500; (2) $1750; (3) $1400; (4) $100; (5) $28,980; (6) $7500; (9) $3150; (10) $2000; (11) $2000; (12) $1500; total $49,880.

Chas Harlow, Jr., San Francisco, (1) $1125; (2) $1250; (3) $1600; (4) $100; (5) $31,295; (6) $8750; (9) $3256; (10) $1000; (11) $1600; (12) $1900; total, $49,975.

John Phillips, Box 344, Sacramento, (1) $2250; (2) $1250; (3) $2000; (4) $150; (5) $38,640; (6) $4500; (9) $3675; (10) $1000; (11) $2000; (12) $3000; total $58,465.

Blumenkranz and Vernon, Farmers and Merchants Bank Bldg., Stockton, (1) $2250; (2) $2500; (3) $3000; (4) $100; (5) $36,225; (6) $18,750; (9) $,-042.50; (10) $2000; (11) $3000; (12) $2500; total $74,367.50.

SAN FRANCISCO — Following improvements will be undertaken this year by the North Bay Division of the Pacific Gas and Electric Co., 445 Sutter St.:

San Rafael new gas-holder, (work started) $98,600

San Rafael new generator and accessories, $43,091

Mill Valley and Sausallto gas main extension. $192,235

San Rafael-Petaluma 8-inch transmission line, $215,750

Napa State Hospital high pressure line, $6795

New 125 h. p. compressor at San Rafael, $15,295.

ONTARIO, Cal.—Until 8 p. m., March 19, bids will be rec. by City Clk. D. B. Wynne for one deep well turbine pump. Cert. chk. 10%.

ANTIOCH, Contra Costa Co., Cal.—G. H. Field Co., Antioch, at $12,340 awarded contract by City Trustees to const. two 250,000 gal. conc. tanks and conc. flume and pump sump for water supply system.

United Iron Works, 680 2nd St., Oakland, submitted low bid to fur. and install, two 2,000 gym. horiz. cent. pumps, direct connected to two 20 horsepower motors. Bids for this work taken under advisement.

W. S. Griscom Co., San Francisco, submitted low bid for fur. and install. c. i. pipe and fittings and flow meter. Bids on this portion rejected and will be re-advertised. Clyde F. Smith, 516 Santa Barbara Rd., Berkeley, Consulting Eng. for project.

PLAYGROUNDS & PARKS

EUREKA, Humboldt Co., Cal.—Election held to vote bonds of $100,000 to purchase and improve park lands failed to carry.

CHICO, Butte Co., Cal.—Plans are being made by A. G. Atkinson of Chico High School District for tennis courts, 50 by 110 ft. and 60 by 120 ft.

SACRAMENTO, Cal. — City council has voted $3900 to improve and erect building at playground site in block bounded by 15th, 16th, B and C Sts.

PALO ALTO, Santa Clara Co., Cal.—Standard Fence Co., 245 Market St., San Francisco, at $1.45 ft. submits low bid to Board of Education to const. safe-guard chain link fence at school grounds. West Coast Wire & Iron Works, San Francisco, only other bidder at $1.98 ft.

EUREKA, Humboldt Co., Cal.—Election will be held in June to vote bonds of $100,000 to finance purchase and improvement of park lands. Previous election failed to carry by small majority. Harry Hannah is City Eng.

LANCASTER, Cal.—Until 2 P. M., March 17, bids will be rec. by trustees of Antelope School District, for pumping plant including 8-ft. airmotor windmill with 27-ft. steel tower; also a 1000 gal. galv. iron tank, and small pump and other equipment. Spec. on file with clerk of board. No bids were rec. Feb. 24 for drilling well, and furnishing wind mill and tank.

SEWERS AND STREET WORK

FRESNO, Fresno Co., Cal.—California Rd. and St. Imp. Co., Bank of Italy Bldg., Fresno, awarded cont. by council to imp. Belmont Ave., bet. Fresno and 1st St.; grading, $.056 sq. ft.; 3½-in. Warrenite-Bit. surface, $.219 sq. ft.; conc. gutter, $.33 sq. ft.; conc. curb, $.58 lin. ft.; art. stone walks, $.22 sq. ft.; 12-in. corru. culv. $5.75 lin. ft.; 18-in. corru. culv. $6.95 lin. ft.; 24-in. corrugated culv., $7.75 lin. ft.; culv. manholes, $25 each.

SAN JOSE, Santa Clara Co., Cal.—County surveyor preparing plans to imp. Penitencia creek road from Capitol Ave., to Alum Rock Ave. near Power house. Henry A. Pfister, county clk.

FAIRFIELD, Solano Co., Cal.—City Trustees plan paving of several streets. Estimates of cost being compiled by City Eng. E. N. Eager.

FRESNO, Fresno Co., Cal. — Until March 8, 3:30 p. m., bids will be rec. by R. Y. St. George, city clerk, to imp. Howard St., bet. Illinois and Washington Ave., involv. 9850 sq. ft. conc. walk. 1911 Act. Cert. check 10% payable to city req. Wm. Stranahan, city eng.

EUREKA, Humboldt Co., Cal.—Until March 20, 2 P. M., bids will be rec. by Fred M. Kay, County Clerk, to grade and gravel road from State Highway near Buhne's Point to Golf Club grounds on Humboldt Hill; (1) for grading only; (2) for graveling only; (3) grading and graveling combined. Spec. obtainable from A. J. Logan, County Surv.

BAKERSFIELD, Kern Co., Cal.—City council allows Weltzel & Larsen, Bakersfield, who were awarded contract at $10,053 to imp. E-19th and Fremont Sts to withdraw bid due to alleged irregularities in the proceedings. Bids will be re-advertised. W. D. Clarke, city eng.

LONG BEACH, Cal.—Pernel Barnett, 830 E Washington St., Orange, awarded contr. by city council at $7800 to const. 22-in. reinf. conc. storm drain sewer in Vista, Quincy Prospect, and Roycroft Streets.

LOS ANGELES, Cal. — City council authorizes employment of four assistant engineers and 24 draftsmen to prepare the plans for the proposed Main and Moneta storm drain system to take care of flood waters in the southern part of the city.

SANGER, Fresno Co., Cal.—California Construction Co., Fresno, at $7,-199.82 awarded contract by city trustees to imp. portions of L and 8th Sts., involv. 25,860 sq. ft. grading, $0.035; (b) 26,110 sq. ft. 3-in. 2-course asph. conc. pavement, $.142 sq. ft.; (c) 26,-110 sq. ft. 1½-in. Warrenite surface pavement, $.085 sq. ft.; (d) 750 sq. ft. gutters $.35 sq. ft. Other bids:
W. F. Hanrahan, (a) $.04; (b) $1.55; (c) $.097; (d) $.34; total $7648.30.
Calif. Rd. & St. Imp. Co., (a) $0.038; (b) $.153, (c) $.093; (d) $.37; total $7721.50.

OROVILLE, Butte Co., Cal.—County supervisors appropriate $5000 to imp. mountain grade affording a direct connection to Oroville via Willows, with the Redwood Highway in Mendocino. Hazard Knock, county surv.

ANACORTES, Wash. — City council passes resolution authorizing street paving projects; est. cost $115,000.

SANTA BARBARA, Cal.—Until Mar. 6, 5 P. M., bids will be rec. by Earle Ovington, % Owen O'Neill, engineer, Howard-Canfield Bldg., Santa Barbara, to improve Casa Loma sub-division, involv. 8,900 cu yds. grading; 5,800 lin. ft. sanitary and storm sewers; 11,200 lin. ft. comb. conc. curb and gutter and 50,000 sq. ft. cem. walks. Cert. check payable to the County National Bank & Trust Co. req. with each bid. Plans obtainable from eng. at above address.

SANTA ANA, Cal.—B. R. Ford, 407 W. 7th St., Santa Ana, awarded the cont. by supervisors at $14,000 to pave a portion of Huntington Beach Blvd. about one mi., with cem. conc. County furnishing the cement.
Steele Finley, Santa Ana, awarded the contr. at $37,500 to pave a portion of Lemon Ave., with asph. conc., including furnishing of cement. Alternate bids on conc. and asph. conc. were taken, B. R. Ford being low bidder at $[illegible] on conc. pavement, and Steele Finley on the asph. conc. which was selected. J. L. McBride, county road commissioner.

SANTA ROSA, Sonoma Co., Cal.—City Council, Veda McL Doggett, clerk, declares intention to imp. under Bond Act 1915 and 1911 Act:
A St., bet. 5th and 9th Sts.;
Davis St., bet. 5th and 9th Sts.; both by grading or filling; reshaping macadam base; paving with 3-in. Warrenite-Bit. pavement laid in 1 course; const. conc curbs and gutters. Protests March 2?. L. L. Mills, city eng.

LOS ANGELES, Cal.—Geo. H. Oswald, ?? E 5?th St., awarded cont. by supervisors at $28,000 to imp. Success Ave. bet. ? boundary of city of Watts and Compton Ave., 3000 lin. ft. or .57 mi., R. D. I. No. 2?6, involv. 1936 cu. yds. excav.; ?41 sq. yds. shaping roadbed; 84? sq. yds Willite surface; 12,008 sq. ft gutter, 5829 lin. ft. curb; 28,690 sq. ft walk.

STOCKTON, San Joaquin Co., Cal.—E. A. Burns, 133 Magnolia St., Stockton, at $21.5 awarded cont. by council to const. stormwater sewers on East St. French Camp, Turnpike, Orange, Oak St. and Court Alley.

REDWOOD CITY, San Mateo Co., Cal. —Until March 19, 10 a. m., bids will be rec. by Eliz. M. Nash, county clerk, to const. ?-in. outfall sewer, manholes, etc. at county hospital. Cert. check 10% payable to county req. Spec. obtainable from Geo. A. Kneese, county surv.

REDWOOD CITY, San Mateo Co., Cal. —Until March ?, ?? a. m., bids will be rec. by Eliz. M. Nash, county clerk, to repair and pave a portion of Pescadero to Santa Cruz road in 5th Rd. Dist., from Pescadero creek to 3500 ft. south from Pigeon Point. Cert. check 10% payable to county req. Spec. obtainable from County Surv. Geo. A. Kneese.

SANGER, Fresno Co., Cal.—California Construction Co., Fresno, at $70,443.72 awarded cont. by city trustees to imp. portions of 4, 5, 6, P and O Sts., involv. (a) 265,143 sq. ft. grading, $.035 sq. ft.; (b) 245,993 sq. ft. 3-in. 2-course asph. conc. pavement $.124 sq. ft.; (c) 245,993 sq. ft. 1½-in. Warrenite surfacing $.085 sq. ft.; (d) 10,150 ft. gutters, $.35 ft.; (e) 5646 lin. ft. curb, $.68 lin. ft.; (f) 894 lin. ft. culvert, $4.00 lin. ft.; total $70,433.72. Other bids were:
J. A. Dowling, (a) $.037; (b) $.135, (c) $.09; (d) $.36; (e) $.70; (f) $4.50; total $75,516.40.
Clark & Henery Const. Co., (a) $.045, (b) $.14; (c) $.089; (d) $.38; (e) $.72; (f) $4.75; total, $79,062.20.
W. F. Hanrahan, (a) $.04; (b) $.138; (c) $.092; (d) $.35; (e) $.70; (f) $4.50; total $77,413.38.
Calif. Rd. & St. Imp. Co., (a) $.04; (b) $.139; (c) $.09; (d) $.35; (e) $.70; (f) $4.60; total $77,167.39.

OREGON CITY, Ore.—Until March 19, 11 a. m., bids will be rec. by Clackamas county commissioners to const. bond roads as follows:
Project 1 — Oswego-Wilsonville rd., known as Market rd. No. 12; 2.81 mi. long; pavement to be considered 1-course Port. cem. conc. 9-ft. wide, 7-in. thick, laid in center of 24-ft. road-bed with crushed rock shoulders 4-ft. 7-in. on either side; grading completed.
Project 2—Rock Creek bridge-Mt. Hood Loop rd., known as Market Rd. No. 16. Two types of pavement will be considered; (a) 9-ft. 1-course Port. cem. 7-in. thick with gravel shoulders; (b) 16-ft. bit. pavement 2-in. thick after compression laid on 2-in. base of crushed rock.
Project 3—Market Rd. No. 17; two types of pavement will be considered; (a) 9-ft. 1-course Port. cem. 7-in. thick, gravel or broken stone shoulders; (b) 16-ft. bit. pavement 2-in. thick after compression laid on 2-in. crushed rock base.
Project 4—Sandy Pleasant Home Rd., known as Market Rd. No. 15; 1.44 mi. long; 1-course 9-ft. wide Port. cem. pavement, 7-in. thick, gravel shoulders.
Project 5—County rd. leading from Barton through Eagle creek to Estacada, known as Market Rd. No. 19; 8.97 mi. Two types of pavement will be considered; (a) 1-course, Port. cem. pavement, 9-ft. wide, 7-in. thick, with gravel or broken stone shoulders; (b) 16-ft. bit. pavement, 2-in. thick after comp. on 2-in. crushed rock base.
Project 6—Oregon City and Molalla rd., known as Market No. 22; 3.17 mi. long; 1-course Port. cem. pavement, 9-ft. wide, 7-in. thick, crushed rock or gravel shoulders.
Project 7—Oregon City and Springwater rd., known as Market Rd. No. 28; 2.775 mi. two type of pavement will be considered; (a) 9-ft. 1-course Port. cem. 7-in. thick crushed rock or gravel shoulders; (b) 16-ft. bit. pavement of the Warrenite type, 2-in. thick after compression, on rock base.
Spec. on file at courthouse, Oregon City.

SAN JOSE, Santa Clara Co., Cal.—City council, J. J. Lynch, declares intention to imp. 11th St. bet. Reed and San Salvador; grading, paving with 6-in. hyd. conc.; const. 2 br. catchbasins with c. i. frame and tops; 8-in. vit. pipe drain. 1911 Act and Bond Act 1915. Protests March 12. Wm. Popp, city eng.

SOUTH SAN FRANCISCO, San Mateo Co., Cal.—City Eng. Geo. A. Kneese has completed spec. to const. cem. conc. walks in portions of Grand and Swift Aves.

OAKLAND, Cal.—Until March 8, 12 m. bids will be rec. by E. K. Sturgis, city clerk, to imp. portions of E-17th St., by grading, const. conc. curbs and gutters and paving with oil macadam. 1911 Act. Cert. check 10% payable to city req. Spec. obtainable from clerk.

SAN JOSE, Santa Clara Co., Cal. — Hugh Crummey, San Jose, awarded cont. by council to imp. Vine St., bet. Goodyear and city limits, and Vine St., bet. Willow St. and south city limits: grading; 3-in. bit. conc. base with 1½-in. Warrenite-Bit. surface pavement; conc. curbs, gutters and walks; 9 br. catchbasins; 8-in. vit. pipe drains.

SANTA ANA, Cal.—deWaard & Cobham, 207 Granger Bldg., San Diego, awarded contr. by city trustees at $43,-000 to const. ocean end of the joint outfall sewer, involv. 1000 ft. 42-in. cast iron pipe to be laid in the ocean. The cast iron pipe will be furnished by the city. The contract for const. screening works awarded to Cox & Teget, 222 Harvard Pl., Ontario, at $10,980.

SANTA MONICA, Cal.—Kneen Paving Co., Dudley Bldg., Santa Monica awarded contr. by council at $143,311.87 to pave and const. sewers, lights, walks, and curbs in Wilshire Blvd. Sq. Tr.

SAN JOSE, Santa Clara Co., Cal.—City Council, J. J. Lynch, clerk, declares intention to imp. 6th St., bet. San Carlos and Market Sts., grading; 3-in. bit. conc. base with 1½-in. Warrenite-Bit. surface pavement; hyd. conc. curbs, gutters and walks; 2 br. catchbasins; 8-in. vit. pipe drains. 1911 Act and Bond Act 1915. Protests March 26. Wm. Popp, city eng.

OROVILLE, Butte Co., Cal.—Heafey, Moore and McNair, 2030 High St., Oakland, at $73,089 awarded cont. by supervisors to const. county bond road connecting Palermo and Honcut; 8.10 mi. paved with asph. macadam. Christensen Const. Co. only other bidder at approx. $10,000 higher.
Collins and Seppi, Oroville, awarded cont. to grade and gravel 6.3 mi. of Chico-Butte City road. Daniel Bayles, Biggs, Cal., submitted only other bid.

ESCONDIDO, Cal.—A bond election will be held shortly to vote a bond issue for the punrpose of buying the city distributing system of the Escondido Mutual Water Co.

SALINAS, Monterey Co., Cal.—City council will be petitioned to repave Main street. Donald F. Davies, city engineer.

SANTA MONICA, Cal.—Council declares intention to imp. Kensington Rd. bet. 8th St. and Beverly Ave., and portions of other streets, by grading and paving with oil and rock pavement; const. class B curbs, 5-ft. walks, 6-in. vit. pipe san. sewer, manhole and flush tank; 1911 Act. John Morton, city engr.

OROVILLE, Butte Co., Cal.—No bids rec. by County Supervisors for improvements to Neal Grade extending from end of present pavement to town limits of Paradise. County Rd. Eng. Harry H. Hume instructed to proceed with work by day labor.

SAN JOSE, Santa Clara Co., Cal.—A. J. Raisch, 46 Kearny St., San Francisco, at $.27 sq. ft. awarded cont. to grade and pave with 4-in. asph. conc. base with 1½-in. asph. conc. surface, Auzerais Ave., Bet. Market and Vine Sts.

NATIONAL CITY, Cal. — Pioneer Truck Co. submitted low bid at $54,-226.62 for grading and other imp. work on 5th, 6th and 7th Sts., involv. excav. at 81c cu. yd.; embank. at 13c cu. yd.; conc. walk at 20.5c sq. ft.; conc. curb at 65c ft.; conc. gutter at 23c sq. ft.; 18-in. corru. iron drain with 5 manholes at $1600; culverts complete $7000. Eng. est., $54,362. Other bids were R. H. Downer, $54,594.69; H. G. Fenton, $58,-267.91; National Bldg. and Loan Co., $59,955.34; John Engebretsen, $61,842.26 H. H. Peterson, $65,491.82.

OAKLAND, Cal.—Until March 8, 12 m., bids will be rec. by E. K. Sturgis, city clerk, to imp. portion of 48th Ave., by grading; const. conc. curbs, gutters and walks; paving with oil macadam. 1911 Act. Cert. check 10% payable to city req. Spec. obtainable from clerk. W. W. Harmon, city eng.

SEATTLE, Wash.—County eng. Thos. Beeman preparing spec. for 2-mi. road on Maury Island bet. Dockton and Molita; est. cost $70,000. A large section of the road will be piling trestle.

LOS ANGELES, Cal. — Supervisors declare intention to improve Salt Lake St., bet. Lemon Ave. and east line of L. A. & S. L. Ry. right-of-way, under County Imp. No. 5, approx. 607 ft. or .11 mi., involv. 515 cu. yds. excav.; 811 ft. curb; 21,897 sq. ft. oiling and screening roadway, incl. shaping.

SANTA ROSA, Cal. — City council, Ida Mc Doggett, clerk, declares int. [illegible] Perry St., bet. Mendocino Ave. [illegible] King St., grading or filling; re-[illegible] macadam base; paving with 3-[illegible] Warrenite-Bit. laid in 1-course. 1911 [illegible] Act 1916. Protests March [illegible] city eng.

LOS ANGELES, Cal.—Supervisors de-[illegible] intention to imp. St. Louis Ave., [illegible] 11th and 14th Sts., near Long [illegible] under County Imp. No. 6, approx [illegible] ft. of .23 mi. in length, involv. [illegible] yds excav. incl. finish grading and [illegible]: 3396 sq. ft. conc. walk; [illegible] ft. curb, 6217 sq. ft. gutter; 4700 [illegible] yds 3-in. asph. conc. base; 4700 sq. [illegible] 2-in. Willite. Protests Mar. 26. Est. contr. price $13,754.60. Average [illegible] mi. from East Long Beach on [illegible] E. Ry. for conc. material.

LOS ANGELES, Cal. — City council has denied protests against paving [illegible] and Ave., bet. Santa Monica Blvd. and Cahuenga Ave. The proposed pav-[illegible] will be 9-in. to carry heavy truck traffic. The street railway will be re-[illegible] to pave its right of way with [illegible] type of construction.

LOS BANOS, Merced Co., Cal.—Orvil V. Freeman, Merced, has been appoint-[illegible] engineer to handle proposed pro-[illegible] which comprises the improvement [illegible] approx. 30 blocks of streets. Type [illegible] pavement is yet to be determined.

HAYWARD, Alameda Co., Cal—Town [illegible] Jesse B. Holly preparing spec. [illegible] Lower B St., bet. Alice and S. [illegible] right of way.

SANTA BARBARA, Cal.—Council de-clares intention to imp. 4th St., bet. [illegible] and Castillo Sts., and bet. Ran-cheria and Mission Creek, by grading and paving with 1½-in. asph. conc. on [illegible] cem. conc. base; constr. comb. [illegible] curbs and gutters; conc. drive-[illegible] cross gutters, single curbs, 6-in. [illegible] pipe san. sewer, reinf. conc. cul-verts. 1911 Act. Protests March 22. S. Taggart, city clerk.

SAN FRANCISCO—City Eng. M. M. O'Shaughnessy completes spec. to const. 1752 sq. ft. stone walks in Santa Rosa Ave., bet. Mission and Alemany Ave. Est. cost $310.

BERKELEY, Alameda Co., Cal.—City Council, E. M. Hann, clerk, declares in-tention to imp. Telegraph Ave., bet. Dwight and Allston Ways and Bancroft Way, bet. Dana St. and pt. 277.23 e. of Telegraph Ave., by widening, set back [illegible], 2-ft.; const. double strength vit. [illegible] sewers, 5 br. manholes; [illegible] basins with 12-in. vit. manhole [illegible] tions; remove 1 culvert and con-[illegible] valley gutter in place; const. [illegible] conc. curbs and gutters. 1911 [illegible] Act 1915. Protests March [illegible] C. L. Huggins, city eng.

OAKLAND, Cal.—City Council, E. K. [illegible], clerk, declares intention to [illegible] Arkansas St., bet. Maple and pt. [illegible] of Laurel Ave. by grading; [illegible] conc. curbs, gutters and walks; [illegible] with oil macadam; conc. cul-verts, 2 c. l. inlets; 2 conc. apron walls [illegible] 1911 Act. Protests March [illegible] W. W. Harmon, city eng.

PALO ALTO, Santa Clara Co., Cal.—Bonds have been voted to finance const. of 30,000 lin. ft. 6-in.; 10,000 lin. ft. 8-in.; 3,900 lin. ft. 10-in., and 7,050 lin. ft. 21-in. sewer pipe and 88 man-holes. Est. cost, $50,000. J. F. Byxbee [illegible] City Eng.

CALIFORNIA—State Highway Com-[illegible] authorizes preparation of [illegible] to widen peninsula highway. [illegible] unit to be widened is 3.2 mi. [illegible] Mateo and Burlingame, [illegible] 24-ft. to 40-ft. Second unit bet. [illegible] Mateo and Palo Alto, from 20-ft. [illegible] 40-ft. Elimination of the "Colma [illegible] also be undertaken immc-[illegible] the work to cost approx. $10,-[illegible] to be financed jointly by the [illegible] Commission and the United [illegible]

LOS ANGELES, Cal.—Martin Culjak, [illegible] Frank K St., submitted low bid to Bd. of Pub. Wks. at $1745 to const. [illegible] pipe sewer in First St. (San Pe-[illegible]), bet. Marshall Ct. and Cabrillo Ave.

LOS ANGELES, Cal.—Wm. Liddington, 420 E 60th St., submitted low bid to Bd. of Pub. Wks. at $82,913 to imp. Hillhurst Ave., bet. Los Feliz and Holly-wood Blvds., involv. grading at $11,-580 (lump sum); 296,230 sq. ft. 6-in. conc. paving at 22.6c ft.; 1282 sq. ft. oiling at 6c ft.; 4169 ft. curb at 65c ft.; 2976 sq. ft. walk at 19.8c ft.; 256 sq. ft. gutter at 25c ft.

SAN MATEO, San Mateo Co., Cal.—City Council, E. W. Foster, clerk, de-clares intention to imp. portions of Peninsular Ave., by removing 183 ft. 12-in. vit. pipe storm drain and replac-ing with 18-in. double strength vit. pipe storm drain in addition to placing similar storm drains in other sections of the street; const. 3 br. manholes; 7 hyd. conc. catchbasins. 1911 Act and Bond Act. 1915. Protests March 12. G. S. Whitehead, city eng.

HANFORD, Kings Co., Cal. — City Eng. Ben Duffield completes spec. to imp. Center St., bet. Irwin and Kaweah with 4-in. bit. conc. base with 1½-in. Warrenite-Bit. surface. Spec. being completed to pave Florinda St., betw. Park and Douty and Ivy St., bet. Park Ave. and Brown St., also to pave alley in block 153 bet. Redington and Phil-lips St.

RICHMOND, Contra Costa Co., Cal.—Until March 5, 8 p. m., bids will be rec. by A. C. Paris, city clerk, to const. sewers in Fullman Townsite, involving 4546 lin. ft. 6-in., 1098 lin. ft. 8-in., and 245 lin. ft. 12-in. vit. sewer pipe; 8 manholes; 8 lampholes; 267 6x4-in., 65 8x4-in. and 2 12x4-in. wye branches. H. D. Chapman, city eng.

FRESNO, Fresno Co., Cal. — Until March 8, 3:30 p. m., bids will be rec. by R. Y. St. George, city clerk, to imp. Lucerne Lane, bet. University and Mc-Kinley Aves. and Peralta Way, bet. Lucerne and Wilson Ave., involv. 77,162 sq. ft. grading; 54,859 sq. ft. asph. pav-ing; 4269 sq. ft. gutter; 1846 ft. curb; 8913 sq. ft. walks; 40 ft. 12-in. metal culvert. 1911 Act. Cert. check 10% pay-able to city req. Wm. Stranahan, city engineer.

LOS ANGELES, Cal.—Geo. H. Oswald 366 E 58th St., submitted low bid to Bd. Pub. Wks. at $38,897 to pave Alex-andria Ave., bet. Beverly Blvd. and First St., involv. 94,725 ft. grading at 5c sq. ft.; 50,798 sq. ft. asph. paving at 30c ft.; 12,027 sq. ft. 5-in. cem. conc. paving at 23.5c ft.; 13,070 sq. ft. 6-in. cem. conc. paving at 25c ft.; 18,830 sq. ft. Warrenite-Bit. paving at 27c ft.; 2302 ft. curb at 75c ft.; 10,030 sq. ft. walk at 22c ft.; 3291 sq. ft. gutter at 30c ft.; storm drain, $1100; culvert $350; 841 ft. house sewers at $1.75 ft.

SAN FRANCISCO—Bd. Pub. Wks. re-quests Board of Supervisors to author-ize the preparation of plans and spec. to construct a pedestrian walk along the Great Highway northerly up Tara-val St., to Lincoln Way. Est. cost, $15,-000. Funds to be derived from Esplan-ade Budget funds.

SAN FRANCISCO—Jas. McElroy, 180 Jessie St., San Francisco, at $56,614.98 awarded cont. by Bd. of Pub. Wks. to const. boulevard connecting Lincoln Park with Sutro Heights, involv. 55,-965 cu. yds. cut; 604 cu. yds. conc. re-taining wall; 3110 cu. yds. rock or gravel surfacing; 150 lin. ft. ironstone culvert encased in concrete; 230 lin. ft. 15-in. ironstone pipe; 2260 lin. ft. wood-en guard fence.

SAN FRANCISCO—Bd. of Pub. Wks. rejects bids to imp. Bonview Ave., bet. Eugenia and pt. 450 ft. northerly. M. J. Treacy bid $3146 and City Const. Co., $8323. Bids will be re-advertised. Proj-ect involves 1192 cu. yds. cut; 185 cu. yds. fill; 11,700 sq. ft. conc. and 1908 sq. ft. asph. conc. pavement; 1003 lin. ft. conc. curb; 3 catchbasins; 45 lin. ft. 10-in. ironstone sewer; 20 lin. ft. 8-in. sewer; 380 sq. ft. art. stone walks.

LOS ANGELES, Cal.—Wm. Liddington, 420 E 60th St., submitted low bid to Bd. Pub. Wks. to imp. Wilcox Ave., bet. Santa Monica Blvd. and Willough-by Ave., involv. 53,606 sq. ft. grading at 3c sq. ft.; 53,606 sq. ft. 5-in. conc. paving at 20.76c ft.; 2242 ft. curb at 60c ft.; 3142 sq. ft. walk at 19.5c ft.

LOS ANGELES, Cal.—Croatin-Ameri-can Inv. Co., Inc., 208 W 2nd St., sub-mitted low bid to Bd. of Pub. Wks. to imp. Raleigh St., bet. Van Ness Ave. and 299 ft. w. of Wilton Pl., involving grading at $1500 (lump sum); 17,962 sq. ft. 5-in. conc. paving at 23c ft.; 8375 sq. ft. Warrenite-Bit. paving at 28c ft.; 1095 ft. curb at 70c ft.; 6732 sq. ft. walk at 22c ft.; 598 sq. ft. gutter at 32c ft.; $2240 stormdrain; 330 ft. hse. sewers at $1.50 ft.

VISALIA, Tulare Co., Cal.—City Eng. L. H. Gadsby has completed spec. to const. 58,120 sq. ft. cem. conc. walks, 3½-in. thick, and 10,675 lin. ft. cem. conc. curbs in the section bounded by Bridge, East Mineral King Ave., South Court St. and the north side of East Tulare Ave. Protests will be heard Mar. 12. Ida Markham, city clerk.

LOS ANGELES, Cal.—Adam Layer, 519 Grosse Bldg., submitted low bid to Bd. Pub. Wks. to imp. Alta St., bet. Park Hts., Terrace and Mission Rd., in-volving grading at $1900 (lump sum); 6775 sq. ft. finish grading and oiling at 7c ft.; 521 ft. curb at 68c ft.; 2804 sq. ft. walk at 23c ft.; 1042 sq. ft. gut-ter at 32c ft.

LOS ANGELES, Cal.—Geo. R. Curtis, 2440 E 26th St., submitted low bid to Bd. Pub. Wks. to pave Alexandria Ave., bet. 3rd St. and Wilshire Blvd., involv. grading at $3300, lump sum; 117,469 sq. ft. Warrenite-Bit. paving at 26c ft.; 274 ft. curb at 75c ft.; 1166 sq. ft. walk at 25c ft.; 5091 sq. ft. gutter at 28c ft.; 441 ft. house sewers at $1.75 ft.

SEAL BEACH, Cal.—Until 8:30 p. m., March 1, bids will be rec. by city trus-tees for removal of fire pump owned by the city and the reinstallation of this pump at the new site. Plans ob-tainable from Olmsted & Gillelen, 1112 Hollingsworth Bldg. Cert. chk. or bond 10%. B. B. Brown, city clerk.

Bids will also be received at same time for bldg. to house fire pump. Plans at office of Olmsted & Gillelen. Cert. check of bond 10%.

SANTA ANA, Cal.—Wells & Bressler, 3 Calif. Bank Bldg., Santa Ana, awar-ded contract by city trustees to pave portion of Bush St., bet. E Washington and E 17th St., involv. 63,737 sq. ft. 6-in. conc. paving at 22.25c ft.; 241 ft. curb at 50c ft.; 105 ft. 4-in. house sew-ers at 50c ft.; 30 ft. 6-in. sewer at 60c.

Steele Finley, Santa Ana, awarded contr. to pave portion of Bush St., in-volving 131,164 sq. ft. 6-in. asph. conc. paving at 22c ft.; 42,140 sq. ft. 5-in. asph. conc. paving at 19.5c ft.; 202 ft. curb at 50c ft.; 488 ft. 6-in. sewer at 75c ft.; 900 ft. 4-in. sewer at 50c ft.; flushtank at $150; lamp hole at $15; reinf. conc. culvert at $400.

OAKLAND, Cal.—City Council, E. K. Sturgis, clerk, declares intention to imp. Bartlett St., bet. Lynde and Davis Sts., grading; conc. curbs, gutters and walks; paving with oil macadam. 1911 Act. Protests March 15. W. W. Harmon city engineer.

SAN FRANCISCO — Fay Imp. Co., Phelan Bldg., at $12,932.54 awarded contract by Board of Pub. Wks. to imp. Kirkwood Ave., bet. Newhall & Phelps incl. crossings, involv. resetting of 88 lin. ft. granite curbs; const. 1288 lin. ft. conc. curbs; 1108 sq. ft art. stone walks; reset 2 br. catchbasins; const. 3 new br. catchbasins; 105 lin. ft. 10-in. culvert; 39,048 sq. ft. asph. conc. pave-ment.

City Const. Co., Call Bldg., at $2636.24 awarded cont. to imp. crossing of Mu-nich and Persia Aves., involv. 80 cu. yds cut; 88 lin. ft. conc. curbs; 3604 sq. ft. asph. conc. pavement; 30 lin. ft. 12-in. sewer; 124 lin. ft. 10-in. culvert; 554 sq. ft. art. stone walks.

Jas. M. Smith, 407 11th St., at $7438.25 awarded cont. to imp. Victoria St., bet. Holloway and Griffith, involv. 1330 lin. ft. conc. curb; 9000 sq. ft. conc pavement and 10,950 sq. ft. asph conc. pavement.

M. J. Treacy, Call Bldg., at $132.21 awarded cont. to const. 551 sq. ft. art. stone walks in Green St. from Kearny St. northerly.

M. J. Lynch at $5901.52 awarded cont. to const. 33,723 sq. ft. art. stone walks in Ocean Ave., bet. Delano Ave & Mis-sion Street.

AUBURN, Placer Co., Cal.—Skeels & Hudson, 1720 Oxford St., Berkeley, at approx. $19,000 submits low bid to city trustees to imp. High St., bet. E-Placer to El Dorado and El Dorado St., betw. High St. and S. P. right of way, by const. terra cotta pipe drain sewers; lowering 10 ft. of 12-in. terra cotta pipe from surface of ground to 1 ft. below ground; install 1 steel catch basin cover; grade and pave with 5-in. cem. conc. curbs and gutters and Agard St., bet. Orange and High Sts. (excepting portion fronting high school) and High St. bet. Agard and College Way (except portion fronting school property) by const. 14-in. terra cotta and conc. drain sewer; grade and pave with 5-in. cem. conc.; conc. curbs and gutters. Other bidders were: M. C. Hillard, Sacramento $20,205; General Const. Co., San Francisco, $21,175; F. A. Merro, Richmond, $21,299; Frederickson and Shannon, $22,758; Galbraith & Janes, Marysville, $23,165. Jerome A. Barleau, city eng.

SAN MATEO, San Mateo Co., Cal.—Until March 12, bids will be rec. by E. W. Foster, city clerk, to imp. portions of Poplar Ave., Edgewood and Hillcrest Rds., by grading, paving with 1½-in. asph. conc. surface on 4-in. hyd. base; 4-in. vit. pipe general sewers; also a portion of Hillcrest rd., by removing old and const. new hyd. conc. curbs; 6-in. vit. sewer; 1 br. manhole. Work under 1911 Act and Bond Act 1915. Cert check 10% payable to city req. G. S. Whitehead, city eng.

SANTA MONICA, Cal.—Council declares intention to imp. Berkeley St., bet. Santa Monica and Wilshire Blvds., by grading and paving with 1½-in. asph. conc. on 2½-in. asph. conc. base; const. 5-ft. conc. walks; reinf. conc. comb. curb, walk and culvert, 6-in. cem. pipe hse. connections, manholes. 1911 Act. John Morton, city engr.

SANTA BARBARA, Cal.—Hearing on the Santa Ynez valley road improvement dist. will be held Mar. 20. The cost will embrace approx. 300,000 acres It is planned to pave a road from the north end of San Marcos Pass to Santa Ynez, Solvang and Zaca Station. Est. cost, $2,000,000. To start the work, the county supervisors are taking bids on 2 miles of the pass road, Mar. 5. The work will involve grading, draining, and paving. Owen H. O'Neill, county surveyor.

SAN DIEGO, Cal.—G. R. Daley, 4430 Boundary St., San Diego, submitted low bid to council to imp. Laurel, Curlew, Brant and other streets, involv. 281,189 sq. ft. 1½-in. asph. conc. paving on 4-in. cem. conc. base at 20.75c ft.; 285.2 ft. curb at 65c ft.; 2189.2 sq. ft. gutter surfacing with asph. conc. at 7c ft.; 225 ft. corru. iron culverts with catch basins at $707; 11 4-in. cem. sewer laterals at $32 each; 3 6-in. cem. conc. sewer laterals at $38 each; two conc. intakes at $12.

SACRAMENTO, Cal.—Byrne and Yost 2512 N St., Sacramento, awarded cont. by council to imp. alley bet. Portola Way, 5th Ave., 26th and 27th Sts.; const conc. catchbasins with 6-in. vit. sewer connections; extend 6-in. vit. sewer services to property line; reconst. manhole; install 1-in. water main connections; grade and pave with 5-in. hyd. conc. with curtain walls.

SANTA ANA, Cal. — Steele Finley, Santa Ana, awarded contr. by supervisors at $57,511 to resurface Lincoln Ave., using asph. conc. Bids were asked for both cem. conc. and asph. conc. Finley bid follows: const gravel shoulders at $150 per mile; 23,760 sq. ft. asph. conc. pavement at 14.5c ft.; 84,952 sq. ft. 5-in. asph. conc. pavement at 17.8c ft., 164,826 sq. ft. 6-in. asph. conc. pavement at 21c ft., 2000 sq. ft. patchwork at 25c ft., 1600 cu. yds. gravel (unloading and hauling) at $1 per yd; county furnishes cement.

PETALUMA, Sonoma Co., Cal.—City Eng. N. S. Frost completes spec. to imp. Douglass St., bet. Post and Fair Sts., Involv. 252 cu. yds. excavation; 2210 cu. yds. fill; 2582 lin. ft. conc. curbs and gutters; 40,300 sq. ft. oil macadam pavement; 2 catchbasins.

FRESNO, Fresno Co., Cal. — City Council, R. Y. St. George, clerk, declares intention to const. cem. conc. walks in portions of Olive Ave., bet. Forthcamp and Olive Aves. 1911 Act. Protests March 15. Wm. Stranahan, city engineer.

SAN MATEO, San Mateo Co., Cal.—Until March 12 bids will be rec. by E. W. Foster, city clerk, to imp. portions of B, Laurel, 6, 7, 8, and 9th Aves., Hilltop rd., Maple Ave., Ebglerd., Woodside Way, Cypress Court, etc., by grading; paving with 1½-in. asph. conc. surface with hyd. conc. base of various thicknesses; art. stone walks; hyd. conc. curbs and catchbasins; 4-in. vit. pipe lateral sewers; br. manholes; 8-in. vit. pipe drains, etc. 1911 Act. and Bond Act 1915. Cert check 10% payable to city req. G. S. Whitehead, city eng.

GLENDALE, Cal.—Until 7 p. m., Mar. 15, bids will be rec. by City Clk. A. J. Van Wie to imp. San Fernando Ct., involv. 786 lin. ft. grading; 26,937 sq. ft. paving; 37 ft. curb; 7270 sq. ft. walk; 780 ft. class C cast iron water pipe incl. 25 service connections.

TAFT, Kern Co., Cal.—City trustees plan paving of several streets; type of pavement yet to be determined. Proposed to imp. North St., bet. 6th and 8th; 4th bet. Kern and Warren Ave., and 7th bet. Center and San Emidio Sts. Edw. M. Lynch, city eng.

NEWPORT BEACH, Cal.—Until 7:30 p. m., March 7, bids will be rec. by city trustees to imp. Central Ave., and portions of other streets, by paving with 8-in. cem. conc. 1911 and 1915 Bond Imp. Act. Fred Smith, city clerk.

SAN DIEGO, Cal.—Until 10:30 a. m., March 19, bids will be rec. by council to imp. Pennsylvania Ave. and alley in blk 10, Brookes Add., involv. 196.5 cu. yds. earth excav.; 6000 sq. ft. paving with 4-in. cem. conc.; 47.5 lin. ft. cem. conc. curb; 51,035 sq. ft. paving with 1½-in. asph. conc. wearing surface on 2½-in. bit. base; 1 4-in. cem. conc. sewer lateral; 1911 Act.

Separate bids to imp. Second and A Sts., involv. 119,764 sq. ft. paving with 2-in. asph. wearing surface; 1-in. binder course and 4-in. cem. conc. base; 550.9 lin. ft. cem. conc. curb; 2264.8 sq. ft. cem. conc. sidewalk. F. A. Rhodes, city eng.

Separate bids to imp. A and C Sts., involv. 145,883.48 sq. ft. paving with 1½-in. asph. conc. wearing surface laid on 2½-in. bit. base; 352 sq. ft. surfacing existing gutters with 1½-in. asph. conc.; 2223.08 lin. ft. cem. conc. curb; 925.75 sq. ft. cem. conc. sidewalk; 12 ft. of No. 16 gauge 15-in. corru. iron pipe; 3 4-in. cem. conc. sewer laterals.

EUREKA, Humboldt Co., Cal.—City Eng. H. H. Hannah completes spec. to grade and gravel, 7-in. thick; const. wood culverts, curbs and gutters in Union St., bet. Cedar and Russ Sts.

Spec. are being completed to pave Fairfield St. Petitions being circulated seeking imp. of upper end of 2nd St. bet. H and M Sts.

SANTA MONICA, Cal.—J. D. Kneen Paving Co., Dudley Block, Santa Monica awarded contr. by Council at $91,756 to pave Arizona St., bet. 20th St. near the east city limits, and Ocean Ave.

LONG BEACH, Cal.—Until 9:30 a. m., March 13, bids will be rec. by council to imp. Marletta Ct., bet. 7th and 8th Sts., by grading and paving with 4-in. cem. conc. 1911 Act. H. C. Waughop, city clerk.

MAYFIELD, Santa Clara Co., Cal.—Town trustees contemplate extensive street paving program.

SACRAMENTO, Cal.—Byrne and Yost 2512 N St., Sacramento, awarded cont. by council to imp. alley bet. K, L, 4th and 5th Sts., const. 10-in. vit. sewers with 6-in. vit. wye branches; extend 6-in. vit. sewers to property line; conc. manhole with c. i. cover; reconstruct catchbasin; remove existing manholes and brick sewer; grade and pave with 7-in. hyd. conc.

LOS ANGELES, Cal. — Council declares intention to imp. Windsor Blvd., Beachwood Dr., Plymouth Blvd. and Irving Blvd., bet. Rosewood Ave. and Beverly Blvd. by grading and paving with 1½-in. Warrenite-Bit. wearing surface on 3½-in. bitum. base; const. cem. curb, 5-ft. walks, conc. gutter, catch basin, 27 vit. pipe hse. sewers. Vrooman Act.

SAN DIEGO, Cal.—Calif. Constr. Co., 528 Granger Bldg., submitted low bid to city council to pave Maple, Nutmeg and Olive Sts., involv. 173,918 sq. ft. 1½-in. asph. conc. paving on 2½-in. bit. base at 16.3c ft.; 389.03 ft cem. conc. curb at 72c ft.; 1033 sq. ft. walk at 22c ft.; 1128 sq. ft. gutter surfacing at 6c ft.

OAKLAND, Cal.—M. Bau, Oakland, at $.19 sq. ft. awarded cont. by council to const. cem. walks, 6-ft. wide in Foothill Blvd. from E-12th St. to pt. 150 ft. n.e. and in 21st Ave. bet. E-12th and Solano Way.

SACRAMENTO, Cal.—Until March 8, 9 p. m., bids will be rec. by H. G. Denton, city clerk, to imp. alley bet. O, P, 28th and 29th Sts., const. conc. catchbasins with c. i. tops with 6-in. vit. sewer connections; extend 6-in. vit. sewers to property line; reconst. manhole; grade and pave with 5-in hyd. conc. Cert. check 10% payable to city req. Albert Givan, city eng.

VACAVILLE, Solano Co., Cal.—City trustees will call election to vote bonds to finance paving of streets. F. A. Steiger, Fairfield, will be engineer in charge of improvements.

WILLIAMS, Colusa Co., Cal.—City Trustees will call second election to vote bonds of $45,000 to finance sewer construction; first election failed to carry by a few votes.

WANT MORE BUSINESS ?

Larsen Construction Reports—Issued every business day of the year, covering the latest developments of the Pacific Coast construction field. Work projected, bids wanted and contracts awarded for every class of building; street, sewer and highway projects; irrigation work; bridges, dams and harbor improvements; power projects; fire equipment; U. S. Government work; machinery and supplies, etc. etc.

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LARSEN CONSTRUCTION REPORTS

560 Mission Street San Francisco, Calif.

FRESNO, Fresno Co., Cal. — City council, R. Y. St. George, clerk, declares intention to const. cem. conc. curbs and walks in McKenzie Ave., bet. Fresno Ave. and 9th St., 1911 Act. Protests March 15. Wm. Stranahan, city engineer.

MANHATTAN BEACH, Cal.—Until 8 p. m., March 15, bids will be rec. by city trustees to imp. Alma Ave., bet. Marine Ave. and 23rd St., and bet. 23rd and Rosecrans Ave., by grading and paving with Willite; Ocean Drive, bet. 27th St. and Rosecrans Ave., by grading and paving with cem. conc., construct. cem. curb, 15-ft. walks, 8 10-in. outlets. Work will be done under 1911 Act. Llewellyn Price, city clerk.

WOODLAND, Yolo Co., Cal.—Supervisors sell $100,000 worth of county highway bonds for premium of $2125.

SOUTH SAN FRANCISCO, San Mateo Co. Cal.—City trustees will call election shortly to vote bonds to finance construction of sewer extensions. Geo. A. Kneese, city eng.

SAN JOSE, Santa Clara Co., Cal.—Until March 12, 8 p. m., bids will b rec. by J. J. Lynch, city clerk, to imp Muller St., bet. George St. and pt. 462.45 ft. by grading; paving with 1½-in Durite asph. conc. surface on 3-in. Durite asph. conc. base; cem. curb and gutters. 1911 Act and Bond Ac 1915. Cert. check 10% payable to city req. Wm. Popp, city eng.

SAN JOSE, Santa Clara Co., Cal.—Until March 12, 8 p. m. bids will be rec by John J. Lynch, city clerk, to imp. 2nd St., bet. San Fernando and San Antonio Sts., by removing basalt block gutters and const. hyd. conc. gutters removing portions of bit. wearing surface and replacing with asph. conc. binder, etc. 1911 Act and Bond Act 1915. Cert. check 10% payable to city req. Wm. Popp, city eng.

SANTA ANA, Cal.—B. R. Ford, 407 W 17th St., Santa Ana, awarded cont. by supervisors at $14,902 to imp. Huntington Beach Blvd., involv. 9600 sq. ft. 5-in. reinf. conc. pavement at 9.25c ft., 72,260 sq. ft. 6-in. reinf. conc. pavement at 13.125c sq. ft., 12,480 sq. ft. 8-in. reinf conc. pavement at 15.25c sq. ft., 48,000 lbs. reinf. Steel at 4.25c lb., 100 cu. yds. gravel to be hauled from Olive Pit to works at 14c yd., 1000 sq. ft. patchwork at 30c ft. Other bids were: Wells & Bressler, $15,626.76; H. H. Peterson, $15,919.50; Engr's est., $16,230.

SANTA BARBARA, Cal.—A. L. Pendola, Santa Barbara, awarded contract by council at $30,697 to pave Valerio St., bet. Garden and Santa Barbara Sts. with 6-in. conc.; constructing curbs, walks, gutters and san. sewers with hse. connections; also awarded cont. at $7636.68 for paving Arrellaga St., bet. Bath and Castillo Sts., and a portion of Castillo St., with 1½-in. asph. conc. on 4-in. conc. base; const. curb, gutter, driveways, drains and 4-in. hse. sewers.

FRESNO, Fresno Co., Cal.—Until Mar 15, 3.30 p. m., bids will be rec. by R. Y. St George, city clerk, to const. cem. conc. walks and curbs in Mono Ave., bet 4th and 6th Sts., and 5th St., bet. Ventura and Balch Ave. 1911 Act. Cert. chk 10% payable to city req. Wm. Stranahan, city engineer.

SAN JOSE, Santa Clara Co., Cal.—Until March 12, 8 p. m., bids will be rec. by J. J. Lynch, city clerk, to imp. 16th St. bet. Julian and Empire Sts., by grading; paving with 1½-in. Durite asph. conc. surface with 3-in. Durite asph. conc. base; conc. curbs and gutters; 1 br. catchbasin with c. i. top and 8-in. vit. sewer manhole connections. 1911 Act and Bond Act 1915. Cert. check 10% payable to city req. Wm. Popp, city eng.

HANFORD, Kings Co., Cal. — City Council, D. C. Williams, clerk, declares intention to imp. Center St., bet. Irwin and Redington and Redington and Kewaah Sts by grading; paving with Bit surface; cem. curbs and gutters. 4 in bit base and 1½-in. Warrenite-1911 Act and Bond Act 1915. Protests March 19. Ben Duffield, city eng

SAN JOSE, Santa Clara Co., Cal.—Until March 12, 8 p. m., bids will be rec. by J. J. Lynch, city clerk, to imp. Autumn St., bet. Santa Clara and Julian Sts.; grading; paving with 1½-in. Durite asph. conc. surface on 3-in. Durite asph. conc. base; hyd. conc. curbs, gutters and walks; and Augustine St., by grading; paving with Durite asph. conc. surface of various thicknesses; 2 br. catchbasins with c. i. tops and 8-in. vit. pipe drains. 1911 Act and Bond Act 1915. Cert. check 10% payable to city req. Wm. Popp, city eng.

SANTA CRUZ, Santa Cruz Co., Cal.—County supervisors have allowed petition of residents in Skyland section to form district to finance improvements of roads. County surv. Lloyd Bowman instructed to prepare specifications for the work.

SANTA CRUZ, Santa Cruz Co., Cal.—Until March 13, 9 a. m., bids will be rec. by S. A. Evans, city clerk, to const. vit clay pips sewer with brick manholes, c. i. tops, etc., in Dake Ave. Cert. chk. 10% payable to city req. Jas. K. James, city engineer.

SAN BERNARDINO, Cal. — County supervisors order plans to const. 5 mi. road in Big Bear valley. Est cost $165,000. Construction will involve macadam paving. Protests, 11 a. m., March 26. Edgar T. Ham, county surveyor.

SAN JOSE, Santa Clara Co., Cal.—City Council, J. J. Lynch, clerk, declares intention to imp. Market St., bet. Santa Clara and Bassett Sts., by removing basalt block gutters and replacing with hyd. conc. gutters; removing portions of bit. surface and replace with asph. binder course, etc. 1911 Act and Bond Act 1915. Protests March 26. Wm. Popp, city eng.

HUNTINGTON BEACH, Cal.—Bonds of $300,000 voted to pave city's portion of state highway running through city of Huntington Beach, a distance of approx. 3-mi. Lighting system included in project will cost approx. $20,000. L. F. Gates, city eng.

SAN DIEGO, Cal.—O. W. Cotton, pres. Pacific Bldg. Co., is one of the backers of a project to pave the upper blvd. through Fort Rosecrans reservation out to the old Point Loma Lighthouse. The paving would be done by the U. S. Government. Plans for improving .2 mi. of streets in Point Loma dist. are under preparation by city engr. F. A. Rhodes.

SANTA CRUZ, Santa Cruz Co., Cal.—City votes amendment exempting the street car company from the cost of paving a portion of streets traversed by its tracks. The amendment now goes to the State Legislature for ratification. The Union Traction Co. threatened to throw up its franchise if it was forced to pay for the paving.

SANTA MONICA, Cal.—Council declares intention to imp. Pacific St., bet. 4th and 6th Sts., by grading, const. cem conc. curbs; 6-ft. walks. 1911 Act. John A. Morton, city engr.

SANTA BARBARA, Cal. — County Supervisor Sam. J. Stanwood, is investigating possibility of building a 1% grade road around Ortega Hill to eliminate the dangerous route over the hill.

OCEAN PARK, Cal.—A petition to widen Pier Ave., from 36 ft. to 42 ft. has been filed with the Santa Monica city commission. The improvement will cost $50 per lot. The lights will be removed and 3 ft. cut from the walks on each side. Overhead lighting will probably be installed.

SANTA BARBARA, Cal.—Council declares intention to const. 6-in. vit. pipe san. sewer in Gillespie St., bet. Micheltorena St. and 435 ft. n.w. 1911 Act. S. B. Taggart, city clk. George D. Morrison, city engr.

GLENDALE, Cal.—Until 7:30 p. m., March 8, bids will be rec. by city council to imp. California Ave., bet. Kenilworth and Chester Sts., Involv. 683.50 lin. ft. grading; 27,682.92 sq. ft. paving; 2559.24 sq. ft. walk; 483.5 lin. ft. curb; 648.5 lin. ft. class B cast iron pipe; 27 service connections; Vrooman Act.

WHITTIER, Cal.—Griffith Co., L. A. Ry. Bldg., Los Angeles, submitted only bid to city trustees to imp. Pickering Ave., bet. Philadelphia St. and s. line of C. G. Warner's tract, involv. 152,000 sq. ft. grading, at 4.3c sq. ft.; 182,000 sq. ft. 6-in. cem. concr. paving at 26.7c ft.; 670 ft. curb at 60c ft.; 6100 sq. ft. walk at 21c ft.; reinf. conc. culvert at $2000. Bid under advisement. Paul E. Todd, city engr.

SANTA ROSA, Sonoma Co., Cal.—City Council, Vida McL Doggett, clerk, declares intention to imp. Wilson St., bet. 5th and 9th Sts., by grading or filling; reshaping macadam base and paving with 2½-in. bit. conc. with 1½-in. Warrenite-bit. surface; comb. conc. curbs and gutters. 1911 Act and Bond Act. 1915. Protests March 20. L. L. Mills, city eng.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Further information regarding these opportunities may be had from Domestic and Foreign Trade Bureau, Chamber of Commerce, Merchants Exchange Bldg., by referring to index number:

6771—Elberfield, Germany. Firm exporting thermos bottles and water pumps is desirous of establishing agencies in this territory. Price list on file.

6773 — Chiloquin, Ore. Lumber firm desires to be put in touch with South American lumber firms with headquarters in San Francisco.

6775—Texline, Tex. Man with experience, wishing to return to Tahiti, desires good wholesale agencies for that country.

6777—New York City, N. Y. Large exporters of wire and other metal products wishes to sell in this market.

6779—London, England. Manufacturer of a motor car trailer wishes to be put in touch with the principal commercial motor car dealers in this city who would be interested in taking the agency for this trailer.

6781—Den Haag, Holland Large import house is in position to act as representative for local exporters of pig iron, steel products and fertilizers.

6782—San Francisco, Calif. Firm in Sweden wants to make agency arrangements with San Francisco exporters of oak wood, teak wood, mahogany, walnut and other hardwoods.

6784—San Francisco, Cal. Gentleman in Costa Rica, who has taken an option on 25,000 acres of valuable timber land on which is growing over 200,000 mahogany trees, the same amount of cedar and over 600,000 various other trees, desires to sell the timber rights.

6787 — San Francisco, Calif. College graduate with a number of years' experience in foreign fields, especially in the Orient, desires to act in the capacity of buyer or salesman for a San Francisco firm interested in foreign markets.

D-459—Selma, Ore. Party has choice yellow and red fir and cedar timber for sale. Wants to dispose of by spring.

D-462—Milwaukee, Wis. Manufacturers of high grade line of gasoline, marine motors desires to establish a distributing or agency in San Francisco

D-463—Dallas, Tex. Manufacturers of various articles that are used in the oil country contemplate a California agent.

CD-28—Long Beach, Calif. Gentleman from Washington, D. C. will be in Long Beach for short time and is interested in hearing from San Francisco concerns which can avail themselves of the services of a secretary-treasurer with varied experience. Investment $5000.

CD-29—Philadelphia, Pa. Party is desirous of permanently taking up residence in California and wants to communicate with lumber concerns operating in yellow and sugar pine, he states, "can invest fair finances."

POSITION WANTED

H. Geo. Hammond, 179 Bartlett St., Rochester, N. Y., experienced in the building business, desires to locate in California, either as a contractor, a building superintendent or construction engineer. He is thirty-nine years of age. In addition to other projects he has handled the construction of large sugar centrals in the West Indies. Can furnish Al references. Interested parties are requested to communicate direct with Mr. Hammond.

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

$1,000 and Over Reported

The following is an index for the contracts for this issue.

No.	Owner	Contractor	Amt.
647	Los Angeles	Central	5025
648	Same	Habenicht	3114
649	Same	Kawneer	250
650	Same	Cornell	3640
651	Same	Pacific	7805
652	Same	Otis	5600
653	Same	Decker	2440
654	Lobree	Hogberg	6120
655	Same	Sovig	1568
656	Same	Andersen	28283
657	Rocca	Owner	6000
658	Janssen	Owner	41400
659	General	Mullen	2000
660	Getz	Owner	8000
661	Mowat	Mowat	6000
662	Del Carlo	Hargrave	3500
663	Gawthorne	Owner	4000
664	Rogers	Owner	1000
665	Leathley	Cuneo	3850
666	Radelfinger	Owner	3000
667	Herrington	Owner	4000
668	Mercantile	Owner	1000
669	McCarthy	McCarthy	3000
670	O'Maxon	Owner	5900
671	Herbert	Carlson	3000
672	Bordegaray	Mattock	20000
673	Lobree	Trousdale	6115
674	Spring Valley	Severin	2570
675	Same	U S Metal	8137
676	Same	Zelinsky	4184
677	Same	Raymond	6044
678	Same	Palace	2000
679	Harrison	Greenback	4500
680	Brownstone	Knittle	4704
681	Dunn	Casty	8320
682	Tonn	Jensen	35000
683	Nolen	Lyon	1000
684	Wisnon	Owned	4000
685	Wood	Bryant	9000
686	Campredon	Owner	2800
687	Feeney	Owner	6500
688	Myers	Britt	6500
689	Toulouse	Owner	4800
690	Gardner	MacInnis	1280
691	Regan	Western Iron	9390
692	Gehco	Martin	20351
693	Lahaye	Owner	7500
694	Fleishacker	Buschke	9000
695	New Zealand	Urfer	3500
696	Wood	Owner	6000
697	Gramberino	Parisi	2000
698	Saunier	Owner	1950
699	Real Estate	Wagner	8000
700	Marchi	Cuneo	8000
701	Schanman	Strand	12000
702	Cunoe	Owner	8000
703	Peters	Owner	6000
704	Kingston	Owner	27000
705	Beetham	Owner	16000
706	Dempniak	Owner	32500
707	Horgan	Horgan	3000
708	Barnhouse	National	2257
709	Horgan	Owner	3000
710	Thom-Wohrden	Owner	7500
711	Nordstrom	Buschke	3750
712	Steiner	Midbust	14200
713	Allyne	Carlin	4300
714	Golden Rule	Steinauer	9630
715	Allen	Owner	21000
716	Strand	Owner	12000
717	Fremy	Brockage	3980
718	Cameron	Owner	5000
719	Schrader	Klahn	11900
720	Elkington	Elkington	9000
721	Demante	Demante	3000
722	Specky	Bryant	4775
723	Hopkins	Barrett	3000
724	Helms	Owned	7000
725	McCormick	McGowan	14700
726	Spreckels	Kitchen	3000
727	Bergstrom	Spargo	4400
728	Tiscornia	Hansen	29500
729	Winthrall	Owner	1800
730	Reichelt	Owner	8000
731	S F Savings	Federal	1000
732	Feerick	Feerick	8000
733	Barthels	Owner	6000
734	Spencer	Owner	10000
735	Hannan	Owner	5000
736	Gray	Owner	4000
737	Same	Same	4000
738	Weil	Ostlund	1000
739	Lindeman	Lindeman	5000
740	Costello	Owner	12000
741	Mohr	Hannah	58600
742	Lindeman	Lindeman	5000
743	Same	Same	5000
744	Brownstone	Spencer	3375
745	Wilcox	Field	9500
746	Bjors	Owner	55000
747	Lang	Parker	4000
748	Wissman	Meyer	15000
749	Kingwell	Prout	30000
750	Petersen	Owner	3500
751	Reimus	Merritt	1500
752	Buckbee	Swenson	1250
753	Mercantile	Bateman	18000
754	Kirby	Owner	5000
755	Bass-Heuter	Lorenzen	4000
756	McHale	Coffey	1500
757	Petersen	Owner	1000

R C BLDG.

(647) N BRANNAN AND SECOND NW 160xNE 100. Iron and steel work for two-story reinforced concrete building.
Owner—Los Angeles Soap Co., 425 Kearny St., San Francisco.
Architect—W. H. Crim Jr., 425 Kearny St., San Francisco.
Contractor—Central Iron Works, 2050 Bryant St., San Francisco.
Filed Feb. 21, '23. Dated Feb. 6, '23.
Structural steel completed and accepted $3200
Usual 35 days..... 1100
Misscellaneous iron work completed and accepted..... 625
TOTAL COST, $5025
Bond, $2513. Sureties, Anselmo F. Schuler and Andrew A. Devoto. Limit, 15 days after notified. Forfeit, $40. Plans and specifications filed.

(648) GLASS AND GLAZING ON above.
Contractor—Habenicht & Howlett, 525 Clay St., San Francisco.
Filed Feb. 21, '23. Dated Feb. 6, '23.
Completed and accepted....$2335.50
Usual 35 days..... 778.50
TOTAL COST, $3114.00
Bond, $1557. Sureties, Fred N. Reeve and Robt. W. Mullins. Limit, 15 days after notified. Forfeit, $40. Plans and specifications filed.

(649) KAWNEER COPPER MOLDS and other work on above.
Contractor—Kawneer Mfg. Co., Dwight Way and 8th St., Berkeley.
Filed Feb. 21, '23. Dated Feb. 6, '23.
Completed and accepted.....$250
TOTAL COST, $250
Bond, none. Limit, 30 days after notified. Forfeit, $40. Plans and specifications filed.

(650) STEEL ROLLING DOORS ON above.
Contractor—Cornell Iron Works.
Filed Feb. 21, '23. Dated Feb. 6, '23.
Completed and accepted.....$2730
Usual 35 days..... 910
TOTAL COST, $3640
Bond, $1820. Surety, Fidelity & Deposit Co. of Maryland. Limit, 12 days after notified. Forfeit, $40. Plans and specifications filed.

(651) AUTOMATIC SPRINKLER SYSTEM on above.
Contractor—Pacific Fire Extinguisher Co., 440 Howard St., S. F.
Filed Feb. 21, '23. Dated Feb. 15, '23.
When material shipped..... ⅓
When completed ..... ⅓
Usual 35 days..... ⅓
TOTAL COST, $7805
Bond, $3903. Sureties, Burt Davis and W. S. Davis. Limit, forfeit, none. Plans and specifications filed.

(652) TWO ELECTRIC FREIGHT elevators on above.
Contractor—Otis Elevator Co., Beach and Stockton Sts., San Francisco.
Filed Feb. 21, '23. Dated Feb. 6, '23.
30 days after signing contract 20%
Upon shipment, pro rata for each elevator 50%
In position 20%
Running order 10%
TOTAL COST, $5600
Bond, $2800. Sureties, A. J. McNicoll and J. Stolz. Limit, forfeit, none. Plans and specifications filed.

(653) ELECTRICAL WORK ON above.
Contractor—Decker Electrical Constr. Co., 149 New Montgomery St., S. F.
Filed Feb. 21, '23. Dated Feb. 6, '23.
1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $2440
Bond, $1220. Surety, Fidelity & Deposit Co. of Maryland. Limit, as fast as possible. Forfeit, $40. Plans and specifications filed.

BRICK WORK

(654) SW THIRD AND PERRY S 55x W 75. Brick work for three-story and basement brick building.
Owner—E. O. Lobree and R. Kutner.
Architect—Albert W. Burgren, 110 Sutter St., San Francisco.
Contractor—Emil Hogberg, 180 Jessie St., San Francisco.
Filed Feb. 21, '23. Dated Feb. 10, '23.
1st story walls up.....$2000
Completed and accepted..... 2590
Usual 35 days..... 1530
TOTAL COST, $6120
Bond, none. Limit, 15 days after joists in place. Forfeit, $15. Plans and specifications filed.

(655) PAINTING, TINTING & WALL paper on above.
Contractor—C. B. Sovig, 180 Jessie St., San Francisco.
Filed Feb. 21, '23. Dated Feb. 10, '23.
Priming done $500
Completed and accepted..... 676
Usual 35 days..... 392
TOTAL COST, $1568
Bond, none. Limit, as fast as possible. Forfeit, none. Plans and specifications filed.

(656) EXCAVATION, CONCRETE work, lath and plastering, damp-proofing, iron work, mill and tile work, etc., on above.
Contractor—Finn Andersen, 180 Jessie St., San Francisco.
Filed Feb. 21, '23. Dated Feb. 10, '23.
2nd floor joists in place.....$4000
Roof on 4000
Lathing done 4000
White coat plaster on..... 4000
Completed and accepted..... 5183
Usual 35 days..... 7100
TOTAL COST, $28 283
Bond, $14,500. Sureties, J. H. McCallum and Theodore De Pass. Limit, 120 days. Forfeit, $15 per day. Plans and specifications filed.

DWELLINGS

(657) SE BAKER AND POST and E Baker 28-6 and 58 S Post. Three one-story and basement frame dwellings.
Owner—Rocca Bros., Alaska Commercial Bldg., San Francisco.
Architect—H. C. Baumann and Edw. Jose, 251 Kearny St., San Francisco. $2000 each

FLATS

(658) E THIRD AVE 150 N Balboa; N Anza 57-6 E 10th Ave; N Anza 82-6 E Tenth Ave; N Cabrillo 82-6 and 107-6 W Sixteenth Av.; W Twenty-eighth Ave 200 S Clement. Six two-story and basement frame flat buildings (2 flats each).
Owner—E. A. Janssen, Hearst Bldg., San Francisco.
Architect—None. $6900 each

ALTERATIONS

(659) SANSOME AND MARKET STS. Construct metal lath and plaster partition; new show windows, etc.
Owner—General Cigar Co., 3rd and Brannan Sts., San Francisco.
Architect—None.

Contractor—Mullen Mfg. Co., 64 Rausch St., San Francisco. $2000

DWELLINGS
(660) W TWENTY-FOURTH AVE 300 and 325 N Fulton. Two one-story and basement frame dwellings.
Owner—Sol Getz & Sons, SW 24th Ave. and Lincoln Way, S. F.
Plans by Owner. $4000 each

FRAME FLATS
(661) SW BEAVER 17-10 E Fifteenth. Two-story and basement frame (2) flats.
Owner—S. Mowat, 67 Henry St., S. F.
Architect—A. M. Hardy.
Contractor — I. Mowat, 67 Henry St., San Francisco. $6000

DWELLING
(662) N BAUER 250 W Mission. One-story and basement frame dwlg.
Owner—A. Del Carlo, 71 Bauer St., San Francisco.
Architect—E. J. Hargrave, 360 London St., San Francisco.
Contractor—E. J. Hargrave, 360 London St., S. F. $3500

FRAME FLATS
(663) E PRESIDIO AVE 100 S California. Two-story and basement frame (2) flats.
Owner—Dr. F. A. Gawthorne, 708 Phelan Bldg., San Francisco.
Architect—None. $4000

ALTERATIONS
(664) NO. 1334 STOCKTON. Reset partitions; concrete floor in heater room; other repairs.
Owner—S. Rogers, 135 Bush St., S. F.
Architect—None. $1000

DWELLING
(665) E ELLSWORTH 25 S Jarboe. One-story and basement frame dwelling.
Owner—Wm. Leathley, 58 28th St., San Francisco.
Architect—None.
Contractor—A. Cuneo, 243 Day St.; & Wm. Demartini, 43 Lucky St., San Francisco. $3850

DWELLING
(666) S TURK 125 E Arguello Blvd. One-story and basement frame dwelling.
Owner — F. A. Radelfinger, 3138 Bush St., San Francisco.
Architect—None. $3000

DWELLINGS
(667) W TWENTIETH AVE 250 and 275 S Moraga. Two one-story and basement frame dwellings.
Owner—Bud Herrington, 495 Rolph St., San Francisco.
Architect—None. $2000 each

ALTERATIONS
(668) NE CALIFORNIA AND POLK. Remodel interior and exterior of stores.
Owner—Mercantile Trust Co. of Calif., 446 California St., San Francisco.
Architect—None. $1000

DWELLING
(669) N JUDAH 100 E Fifteenth Ave. One-story and basement frame dwelling.
Owner—John E. and Ethel McCarthy, 1479 12th Ave., San Francisco.
Architect—None.
Contractor—John E. McCarthy, 1479 12th Ave., S. F. $3000

DWELLING
(670) W TWENTY-FIFTH AVE 100 N Cabrillo. One-story and basement frame dwelling.
Owner—James O'Maxon, 247 Montgomery St., San Francisco.
Plans by Owner. $5900

DWELLING
(671) N MONTEREY BLVD. 125 W Baden. Two-story and basement frame dwelling.
Owner—Patrick Herbert, 213 Arcadia St., San Francisco.
Architect—None.
Contractor—O. E. Carlson, 180 Jessie San Francisco. $3000

FLATS, ETC.
(672) S O'FARRELL 91-6 E Larkin. Three-story and basement Class C laundry and flat building.
Owner—P. Bordegaray, 251 Kearny St., San Francisco.
Civil Engrs.—John G. Little & Co., 251 Keary St., San Francisco.
Contractor — Mattock & Feasey, 251 Kearny St., S. F. $20,000

BRICK BLDG.
(673) SW THIRD AND PERRY S 55 x W 75. Sewering, plumbing, and gas fitting for three-story and basement brick building.
Owner—E. A. Lobree and Leon A. Kutner, 110 Sutter St., S. F.
Architect—Albert W. Burgren, 110 Sutter St., San Francisco.
Contractor—W. E. Trousdale, 1728 Sacramento St., San Francisco.
Filed Feb. 23, '23. Dated Feb. 20, '23.
Roughed in $2500
Completed and accepted..... 2035
Usual 35 days..... 1530
TOTAL COST, $6115
Bond, $3060. Sureties, Geo. J. Lee and J. P. Trouillet. Limit, as fast as possible. Forfeit, $15. Plans and specifications filed.

ELECTRIC WORK
(674) NW MASON AND DERBY N 60 xW 77-6. Electric light fixtures for office building.
Owner—Spring Valley Water Co., 375 Sutter St., San Francisco.
Architect—Willis Polk & Co., Hobart Bldg., San Francisco.
Contractor—C. C. Severin (as Severin Electric Co.), 55 5th St., S. F.
Filed Feb. 23, '23. Dated Feb. 8, '23.
On 15th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $2570
Bond, $1300. Surety, Hartford Accident & Indemnity Co. Limit, June 15, 1923. Forfeit, $10. Plans and specifications filed.

(675) WINDOWS AND STEEL SASH on above.
Contractor—United States Metal Products, 330 10th St., S. F.
Filed Feb. 23, '23. Dated Feb. 8, '23.
Payments same as above.....
TOTAL COST, $8137
Bond, $4075. Surety, Hartford Accident & Indemnity Co. Limit, June 15, 1923. Forfeit, $10. Plans and specifications filed.

(676) PAINTING ON ABOVE.
Contractor—D. Zelinsky & Sons, 420 Turk St., San Francisco.
Filed Feb. 23, '23. Dated Feb. 8, '23.
Payments same as above.....
TOTAL COST, $4184
Bond, $2100. Surety, Hartford Accident & Indemnity Co. Limit, June 15, 1923. Forfeit, $10. Plans and specifications filed.

(677) STONE WORK ON ABOVE.
Contractor—Raymond Granite Co., 3 Potrero Ave., San Francisco.
Filed Feb. 23, '23. Dated Feb. 8, '23.
Payments same as above.....
TOTAL COST, $6044
Bond, $3022. Surety, Hartford Accident & Indemnity Co. Limit, June 1, 1923. Forfeit, $10. Plans and specifications filed.

(678) FINISH HARDWARE ON above.
Contractor—Palace Hardware Co., 581 Market St., San Francisco.
Filed Feb. 23, '23. Dated Feb. 8, '23.
Payments same as above.....
TOTAL COST, $2000
Bond, $1000. Surety, Hartford Accident & Indemnity Co. Limit, ——. Forfeit, $10. Plans and specifications filed.

LATHING, ETC.
(679) NE O'FARRELL AND POLK E 275xN 120. Lathing and plastering for one-story reinforced concrete building.
Owner—Harrison Investment Co., Polk and Van Ness Ave., San Francisco.
Architect—J. R. Miller and T. L. Pflueger, Lick Bldg., S. F.
Contractor—Jas. Greenback, 180 Jessie Ct., San Francisco.
Filed Feb. 23, '23. Dated Feb. 19, '23.
On 5th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $4500
Bond, $2550. Sureties, Chas. Monson & E. N. Lacey. Limit, 35 days after ready for same. Forfeit, none. Plans and specifications filed.

APARTMENTS
(680) SE JACKSON 124-3 E Franklin E 56.3 x S 127-8¼. All work for heating and ventilating for apartment building.
Owner—Edgar H. Brownstone and I. R Kissel, 1540 Polk St., S. F.
Architect—Bliss & Faville, Balboa Bldg San Francisco.
Contractor—Knittle Cashel Co., 224 5th St., San Francisco.
Filed Feb. 23, 1923. Dated Feb. 2, 1923.
Each month 76%
Usual 35 days 25%
TOTAL COST, $4704
Bond, $2352; Sureties, National Surety Co.; Forfeit, $10; Limit, Sept. 1, 1923; Plans and specifications filed.

BUNGALOWS
(681) SE LANE 100 SW Le Conte Ave. SE 75 SW 89.5½ NW 103-8 NE 17-11 Lot 16 Blk 52 Paul Tract Hd Assn. All work for 2 1-story and basement bungalows.
Owner—The Charles Dunn Clinch Co.
Architect—H. C. Baumann & Edw. Jose 251 Kearny St., San Francisco.
Contractor—John Casty, 110 Jessie St., San Francisco.
Filed Feb. 23, 1923. Dated Feb. 19, 1923.
Walls and roof sheathing on..$2080
Brown coated 2080
Completed and accepted 2080
Usual 35 days 2080
TOTAL COST, $8320
Bond, $4160; Sureties, J. H. McCallum and F. W. Roth; Forfeit, none; Limit, 90 days; Plans and specifications filed.

APARTMENTS
(682) S JACKSON 163-6 E Broderick. Three-story and basement frame (5) apartments.
Owner—A. Tonn, Granada Hotel, S. F.
Architect—Sylvain Schmaittacher, 233 Post St., San Francisco.
Contractor—G. P. W. Jensen, 320 Market St., S. F. $35,000

REPAIRS
(683) NO. 2921 CALIFORNIA. Carpentry work for dwelling repairs.
Owner—Mrs. Nolen, 3921 California St., San Francisco.
Architect — H. Lyon, 273 Sutter St., San Francisco.
Contractor—H. Lyon, 2273 Sutter St., San Francisco. $1000

RESIDENCE
(684) E FORTY-SECOND AVE 100 S Anza. One-story and basement frame residence.
Owner—F. Wisnon, 627 23rd Ave., S. F.
Architect—None. $4000

SHOP
(685) E STILLMAN 100 S Third. One-story concrete machine shop.
Owner—H. C. Wood, 166 King St., San Francisco.
Architect—None.
Contractor—J. A. Bryant, 185 Stevenson St., San Francisco. $9000

DWELLING
(686) N PALOU 100 W Keith. One-story and basement frame dwlg.
Owner—E. Campredon, 1527 Oakdale Ave., San Francisco.
Architect—None. $2800

FRAME FLATS
(687) N TWENTIETH 100 W Church. Two-story and basement frame (2) flats.
Owner—Thos. J. Feeney, 4683 18th St., San Francisco.
Architect—R. R. Irvine, New Call Bldg., San Francisco. $6500

WAREHOUSE
(688) S BRYANT 126-6 E Center Place. One-story and mezzanine floor concrete warehouse.
Owner—L. A. Myers, 68 Post St., San Francisco.
Architect—S. L. Hyman, 68 Post St., San Francisco.
Contractor—O. W. Britt, 180 Jessie St., San Francisco. $5500

FRAME FLATS
(689) N McKINNON 100 W Newhall. Two-story and basement frame (2) flats.
Owner—Jules Toulouse, 1452 McKinnon Ave., San Francisco.
Architect—None. $4800

ADDITIONS
(690) NO. 119 GRAFTON AVE. Minor additions to dwelling; concrete work, etc.
Owner—Mrs. Gardner, 110 Brighton Ave., San Francisco.

Architect—None.
Contractor—F. P. MacInnis, 9 Granada Ave., San Francisco. $1280

ALTERATIONS
(691) SE POWELL AND O'FARRELL. Furnishing, fabricating, assembling and painting of structural iron and steel for alterations to four-story building.
Owner—Regan Estate Co., Mills Bldg., San Francisco.
Architect—August Nordin, Mills Bldg., San Francisco.
Contractor—Western Iron Works, 141 Beale St., San Francisco.
Filed Feb. 24, '23. Dated Feb. 14, '23.
Completed and accepted.....$7040
Usual 35 days..... 2350
TOTAL COST, $9390
Bond, $4695. Surely, American Indemnity Co. Limit, 35 days. Forfeit, $50. Plans and specifications filed.

ALTERATIONS
(692) NO. 844-850 MARKET. Alter store and remove fixtures from No. 214 Post.
Owner—The Gekco Co., 214 Post St., San Francisco.
Architect—Will H. Toepke, Call Bldg., San Francisco.
Contractor—Wm. Martin, 180 Jessie St., San Francisco.
Filed Feb. 24, '23. Dated Feb. 21, '23.
On 15th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $20,351
Bond, $10,200. Surety, New Amsterdam Casualty Co. Limit, Apr. 19, 1923. Forfeit, $100. Plans and specifications filed.

FRAME FLATS
(693) W GUERRERO 326 S Twenty-third. Two-story and basement frame (2) flats.
Owner—Mrs. Sybilla Lahaye, 1252 Guerrero St., San Francisco.
Architect—None. $7500

ALTERATIONS
(694) SE MAIN AND MARKET. Construct vent and light-shaft from 2d floor to roof; new entrance; safety treads for steps; plumbing, etc., for offices.
Owner—Mortimer Fleishacker, 9 Main St., San Francisco.
Architect — Chas. K. Sumner, 57 Post St., San Francisco.
Contractor—Buschke & Brown, 185 Stevenson St., S. F. $9000

REPAIRS
(695) NO. 334 CALIFORNIA. Repair fire damage in offices.
Owner — New Zealand Insurance Co., Premises.
Architect—None.
Contractor—Chas. E. Urfer, 134 Halleck St., San Francisco. $3500

DWELLINGS
(696) S ALLSTON WAY 200 and 254 W Ulloa. Two one-story and basement frame dwellings.
Owner—J. R. Wood, 1509 Ocean Ave., San Francisco.
Designer—W. E. Wood, 1224 7th Ave., San Francisco. $3000 each

ALTERATIONS
(697) NO. 1633 LOMBARD. Interior alterations to residence.
Owner—Domenico Gramberino, Prem.
Architect — M. Perino, 444 Columbus Ave., San Francisco.
Contractor—E. Parisi, 426 Columbus Ave., S. F. $2000

DWELLING
(698) S BRUNSWICK 267 W Whittier. One and one-half-story and basement frame dwelling.
Owner—August Saunier, 769 Brunswick St., San Francisco.
Architect—None. $1950

WAREHOUSE
(699) N SEVENTEENTH 50 E Wisconsin. One-story frame warehouse
Owner—Real Estate & Development Co., Hearst Bldg., S. F.
Architect—None.
Contractor—Geo. Wagner, 251 Kearny St., San Francisco. $8000

FRAME FLATS
(700) W GUERRERO 236 N Nineteenth. Two-story and basement frame (2) flats.
Owner—C. Marchi, 43 Oakwood St., San Francisco.
Architect—None.
Contractor—Joseph S. Cuneo, 354 Dolores St., San Francisco. $8000

FRAME FLATS
(701) S GROVE 150 and 175 W Scott. Two two-story and basement frame (2) flats.
Owner—Paul Schanman, 420 Chronicle Bldg., San Francisco.
Architect—A. Appleton, 68 Post St., San Francisco.
Contractor—Strand & Strand, 614 Broderick St., S. F. $6000 each

FRAME FLATS
(702) W GUERRERO 211-6 N Nineteenth. Two-story and basement frame (2) flats.
Owner—Joseph S. Cuneo, 354 Dolores St., San Francisco.
Architect—None. $8000

RESIDENCE
(703) E THIRD AVE 159 S Cabrillo. Two-story and basement frame residence.
Owner—J. M. Peters, 1045 Balboa St., San Francisco.
Architect—None. $5000

APARTMENTS
(704) E STEINER 128 N Sacramento. Three-story and basement frame (12) apartments.
Owner—John Kingston, 2565 Washing St., San Francisco.
Architect — E. E. Young, 251 Kearny St., San Francisco. $27,000

APARTMENTS
(705) SE EIGHTEENTH & LAPIDGE Two-story and basement frame (8) apartments.
Owner—A. H. Beetham, 3555 18th St., San Francisco.
Plans by Owner. $16,000

APARTMENTS
(706) NW LEAVENWORTH & VALlejo. Three-story and basement frame (12) apartments.
Owner—Michael Dempniak, 355 Octavia St., San Francisco.
Architect—None. $32,500

DWELLING
(707) N ROLPH 200 W Paris. One-story and basement frame dwelling
Owner—P. Horgan, 915 Pierce St., San Francisco.
Architect—None.
Contractor—P. Horgan, 915 Pierce St., San Francisco. $3000

DWELLING
(708) NE ACADEMY AND CHARLES. One-story and basement frame dwelling.
Owner—Lou Barnhouse.
Architect—J. Cather Newsom, 318 Market St., San Francisco.
Contractor—National Mill & Lumber Co., 318 Market St., S. F. $2257

DWELLING
(709) N ROLPH 175 W Paris. One-story and basement frame dwlg.
Owner—P. Horgan, 915 Pierce St., San Francisco.
Architect—None. $3000

FRAME FLATS
(710) N CARL 130 E Willard. Two-story and basement frame (2) flats
Owner—Henry A. Thom-Wohrden.
Architect—E. A. Neumarkel, 544 Market St., San Francisco. $7500

DWELLING
(711) W LISBON 260 N Russia. One-story and basement frame dwlg.
Owner—G. A. Nordstrom, 90 Eureka St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Buschke & Brown, 185 Stevenson St., S. F. $3750

FRAME BLDG.
(712) NE GREENWICH AND BRODerick E 26xN 87-6. All work except painting, electrical work, light fixtures and shades for two-story and basement frame bldg.
Owner—Jos. S. and Dora Steiner, 796 Pine St., and Emil A. Neumarkel.
Architect—E. A. Neumarkel, 544 Market St., San Francisco.
Contractor — P. Midbust, 177 Caselli Ave., San Francisco.
Filed Feb. 26, '23. Dated Feb. 24, '23.
Frame up & ready for roofing..$3550
Inside plaster on..... 3550
Completed and accepted..... 3550
Usual 35 days..... 3550
TOTAL COST, $14,200
Bond. Contractor to deposit $2000 with Architect to secure performance of contract. Limit, 90 days. Forfeit, none. Plans and specifications filed.

EXCAVATING
(713) W ECKER AND MISSION SW 47 NW 112-6 SW 47 NW 75 NE 94 SE 187-6. Excavating for bldg.
Owner—Lucy H. and Edith W. Allyne, 2609 Gough St., San Francisco.
Architect—Reed Bros., 105 Montgomery St., San Francisco.
Contractor—The Carlin Grading Co., 180 Jessie St., San Francisco.
Filed Feb. 26, '23. Dated Feb. 21, '23.
10 days after beg. 75% of work done..... .....
75% on completion less 1st payment .....
Usual 35 days, 25% less $300 to be held until back filling of walls completed .....
TOTAL COST, $4300
Bond, limit, forfeit, none. Plans and specifications filed.

FRAME BLDG.
(714) SE ELEVENTH AVE. AND Clement. All work for two-story and basement frame building.
Owner—Golden Rule Investment Co., Samuel Blum, Russ Bldg., S. F.
Architect—Andrew H. Knoll, Hearst Bldg., San Francisco.
Contractor — S. Steinauer, 109 Cornwall St., San Francisco.
Filed Feb. 26, '23. Dated Feb. 20, '23.
30 days after date hereof..... 75%
Every 15 days thereafter.... 75%
Usual 35 days..... 25%
TOTAL COST, $9630
Bond, $4815. Surety, United States Fidelity & Guaranty Co. Limit, 60 days. Forfeit, none. Plans and specifications filed.

RESIDENCES
(715) E TWENTY-EIGHTH AVE 304-6, 335 and 365-6 N Lake. Three two-story and basement frame residences.
Owner—Allen & Co., 168 Sutter St., San Francisco.
Architect—Earle B. Bertz, 168 Sutter St., San Francisco. $7000 each

FRAME FLATS
(716) W SIXTEENTH AVE 171 and 196 S California. Two two-story and basement frame (2 in each) flats.
Owner—Strand & Strand, 4 Steiner St., San Francisco.
Architect—Ed. Jose, 251 Kearny St., San Francisco. $6000 each

STORE
(717) E PLYMOUTH AVE 100 N Faralone. One-story and basement frame store.
Owner—Marie J. Fremy, 107 Lobos St., San Francisco.
Architect—None.
Contractor—Brockage, Foley & Green, 180 Jessie St., S. F. $3980

RESIDENCE
(718) N URBANO DRIVE 150 E Moncada Way. Two-story and basement frame residence.
Owner—Cameron & Disston, Hearst Bldg., San Francisco.
Architect—C. O. Clausen, Hearst Bldg., San Francisco. $5000

FRAME FLATS.
(719) NW EIGHTEENTH AVE AND Irving. Two-story and basement frame (4) flats.
Owner—Schrader Estate Co., 154 15th Ave., San Francisco.
Architect—None.
Contractor—Arthur H. Klahn, 1334 21st Ave., San Francisco. $11,900

DWELLINGS
(720) W THIRTY-THIRD AVE 100 and 125 N Irving. Two one-story and basement frame dwellings.
Owner—Mrs. Julia M. Elkington, 1291 33rd Ave., San Francisco.
Architect—None.
Contractor—G. J. Elkington, 1291 33rd Ave., S. F. $4500 each

FRAME FLATS
(721) E KEARNY 198 N Green. Two-flats.
story and basement frame (2) flats.
Owner—Joseph Demante, 1326 Kearny St., San Francisco.
Architect—Italo Zanolini, 604 Montgomery St., San Francisco.
Contractor—F. S. Demante, 1326 Kearny St., San Francisco. $3000

MFG. PLANT.
(722) E THIRD 346 N Merrimac. One-story frame manufacturing plant.
Owner—Specky Polish Co., Inc., 3rd St., near Merrimac St., S. F.
Architect—Andrew H. Knoll, Hearst Bldg., San Francisco.
Contractor—J. A. Bryant, 185 Stevenson St., San Francisco. $4775

RETAINING WALL
(723) N TOWNSEND 183-4 E Fifth. Construct retaining wall.
Owner—Timothy Hopkins, Wells Fargo Nevada Bank Bldg., S. F.
Architect—None.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco. $3000

FRAME FLATS
(724) S GEARY 77-6 W Forty-third Ave. Two-story and basement frame (2) flats.
Owner—Helms & Helms, 185 Stevenson St., San Francisco.
Architect — E. Helms, 185 Stevenson St., San Francisco. $7000

STORES AND LOFTS
(725) N MISSION AND FREMONT NE 137-6xNW 137-6. Wood piling work for three-story and basement store and loft building.
Owner—Josephine C. McCormick, Isabelle and Beatrice Cebrian and Maria C. de F. de Caleya, 2031 Baker St., San Francisco.
Architect—G. A. Applegarth, Claus Spreckels Bldg., San Francisco.
Contractor—M. B. McGowan, 180 Jessie St., San Francisco.
Filed Feb. 27, '23. Dated Feb. 19, '23.
On 10th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $14,700
Bond, $7350. Surety, Fidelity & Deposit Co. of Maryland. Limit, 35 days after notified. Forfeit, none. Plans and specifications filed.

PILING FOR WAREHOUSE
(726) COM. 38 S TWENTY-THIRD & 35 E Maryland E 400xS 125. Furnish and place 194 piles for warehouse building.
Owner—J. D. and A. B. Spreckels Securities Co. (as Western Sugar Refinery), 2 Pine St., S. F.
Architect—None.
Contractor—A. W. Kitchen & Co., 110 Market St., San Francisco.
Filed Feb. 27, '23. Dated Feb. 26, '23.
On 10th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $3000
Bond, $1500. Surety, Globe Indemnity Co. Limit, 30 days after Feb. 28, 1923. Forfeit, none. Plans and specifications filed.

WAREHOUSE
(727) NW HARRISON 325 SW Fourth S 25xNW 85. Electric wiring, interior painting and plastering for one-story Class C warehouse.
Owner—Mrs. O. Bergstrom, 138 Hyde St., San Francisco.
Architect—None.
Contractor—John Spargo, 240 Montgomery St., San Francisco.
Filed Feb. 27, '23. Dated Jan. 8, '23.
Concrete footings poured and walls framed to ceiling $1100
Roof on 1100
Completed and accepted..... 1100
Usual 35 days..... 1100
TOTAL COST, $4400
Bond, none. Limit, 30 days. Forfeit, plans and specifications, none.

ALTERATIONS
(728) S PACIFIC AVE 123 E Van Ness Ave E 125xS 127-8¾. All work for alterations and additions to one-story brick building.
Owner—A. A. Tiscornia, Gunst Bldg., San Francisco.
Architect — August G. Headman, Call Bldg., San Francisco.
Contractor—Fred L. Hansen, 251 Kearny St., San Francisco.
Filed Feb. 2, '23. Dated Feb. 26, '23.
Monthly payments of..... 75%
Usual 35 days..... 25%
TOTAL COST, $29,500
Bond, $14,750. Surety, Union Indemnity Co. Limit, 90 days. Forfeit, $25. Plans and specifications filed.

FRAME FLATS
(729) E WEBSTER 36 S Green. Remodel dwelling into (2) flats.
Owner—Dr. L. Winthall, 1801 Fillmore St., San Francisco.
Architect—None. $1800

STORES & FLATS
(730) NW UTAH AND EIGHTEENTH Sts. Two-story frame stores and (2) flats.
Owner — Henry Reichelt, 623 Rhode Island St., San Francisco.
Architect—None. $8000

ELECTRIC SIGN
(731) NO. 526 CALIFORNIA. Erect one double faced horizontal electric sign.
Owner—San Francisco Savings & Loan Society, Premises.
Architect—None.
Contractor — Federal Electric Co., 91 New Montg. St., S. F. $1000

DWELLINGS
(732) E TWENTY-FIFTH AVE 175 & 200 N Fulton. Two two-story and basement frame dwellings.
Owner—Byran Feerick, 253 Downey St., San Francisco.
Designer—B. Feerick, 253 Downey St., San Francisco.
Contractor — B. Feerick, 253 Downey St., San Francisco. $4000 each

ALTERATIONS
(733) N SACRAMENTO 106-3 E Divisadero. Remodel 2 flats for 4 3-room apartments; electric work, plumbing, etc.
Owner—O. C. Barthels and Philipp Armbrust, 2506 Bush St., S. F.
Architect—Edward E. Young, 251 Kearny St., San Francisco. $6000

PLANING MILL
(734) W FLORIDA 129-6 N Twenty-sixth. Two-story concrete planing mill.
Owner—Spencer Street Planing Mill, 50 Spencer St., San Francisco.
Architect—C. A. Wagner, 1428 Golden Gate Ave., S. F. $10,000

DWELLING
(735) N HERNANDEZ 150 E Garcia. One-story and basement frame dwelling.
Owner — W. S. Hannan, 116 Madrone Ave., San Francisco.
Architect—Harold G. Stoner, 1st Nat'l. Bank Bldg., San Francisco. $5000

DWELLING
(736) E TWENTY-SECOND AVE 170 S Cabrillo. One-story and basement frame dwelling.
Owner—E. A. Gray.
Architect—None. $4000

DWELLING
(737) E TWENTY-SECOND AVE 145 S Cabrillo. One-story and basement frame dwelling.
Owner—E. A. Gray.
Architect—None. $4000

ALTERATIONS
(738) E GRANT AVE 300 S Sutter. Erect storm doors in department store.
Owner—Raphael Weil & Co., Prem.
Architect—None.
Contractor—Ostlund & Johnson, 1901 Bryant St., San Francisco. $1000

DWELLING
(739) E TWENTY-FOURTH AVE 110 S Cabrillo. One-story and basement frame dwelling.
Owner—H. O. Lindeman, 619 27th Ave., San Francisco.
Designer—W. R. Lindeman, 530 Balboa St., San Francisco.
Contractor—W. R. Lindeman, 530 Balboa St., San Francisco. $5000

DWELLINGS
(740) W TWENTY-SEVENTH AVE. 120 S Cabrillo;
E THIRTY-SIXTH AVE 100 S Anza
W FORTIETH AVE 251 N Fulton;
W THIRTY-FOURTH AVE 150 S Geary. Four one-story and basement frame dwellings.
Owner—Costello Bros., 821 34th Ave., San Francisco.
Architect—None. $3000 each

BUILDING
(741) SE MISSION 133-3¾ NE Fifth NE 50xSE 160. All work for one-story and basement reinforced concrete building.
Owner—Selby and Henry R. Mohr, 1900 Lake St., San Francisco.
Architect—W. H. Crim Jr., 425 Kearny St., San Francisco.
Contractor—Hannah Bros., 142 Sansome St., San Francisco.
Filed Feb. 28, '23. Dated Feb. 23, '23.
On 1st and 15th of each month 75%
Usual 35 days..... 25%
TOTAL COST, $58,600
Bond, $29,300. Sureties, C. F. Libby & W. M. McCabe. Limit, 92 days. Forfeit, $30. Plans and specifications filed.

BUNGALOW
(742) E TWENTY-THIRD AVE 75 S Cabrillo S 25xW 107-6. All work for one-story frame bungalow.
Owner—H. O. Lindeman, 619 27th Ave., San Francisco.
Architect—None.
Contractor—W. R. Lindeman, 530 Balboa St., San Francisco.
Filed Feb. 28, 1923. Dated Jan. 12, 1923.
Enclosed $1250
Rough plastered 1250
Completed 1250
Usual 35 days..... 1250
TOTAL COST, $5000
Bond, none. Limit, 90 days. Forfeit, $3. Plans and specifications filed.

BUNGALOW
(743) W TWENTY-THIRD AVE 100 S Cabrillo S 25xW 120. All work for one-story bungalow.
Owner—H. O. Lindeman, 619 27th Ave., San Francisco.
Architect—None.
Contractor—W. R. Lindeman, 530 Balboa St., San Francisco.
Filed Feb. 28, '23. Dated Jan. 12, '23.
Enclosed $1250
Rough plastered 1250
Completed 1250
Usual 35 days..... 1250
TOTAL COST, $5000
Bond, none. Limit, 90 days. Forfeit, $3. Plans and specifications filed.

ELEVATOR
(744) JACKSON near Franklin St. All work for one passenger elevator for building.
Owner—E. H. Brownstone and I. R. Kissel, 1545 Polk St., S. F.
Architect—Bliss & Faville, Balboa Bldg., San Francisco.
Contractor—Spencer Elevator Co., 166 Seventh St., San Francisco.
Filed Feb. 28, '23. Dated Feb. 23, '23.
On installation of guide posts.. ¼
On delivery of engine..... ½
Completed ..... ¼
TOTAL COST, $3375
Bond, none. Limit, 4 months. Forfeit, none. Plans and specifications filed.

RESIDENCE
(745) SE UPPER TERACE & BUENA Vista Ave. Two-story and basement frame residence.
Owner—Jennie A. Wilcox, 263 10th Ave., San Francisco.
Architect—Collins & Byrne, Santa Cruz.
Contractor—Z. O. Field & Son, 76 W-San Antonio St., San Jose. $9500

APARTMENTS
(746) NW CABRILLO AND THIRD Ave. Three-story and basement frame (15) apartments.
Owner—Victor Bjors, % Architect.
Architect—Wm. F. Gunnison, 57 Post St., San Francisco.
Contractor—Not yet determined. $55,000

DWELLING
(747) SW ULLOA AND KENSINGTON Way. One-story and basement frame dwelling.
Owner—Lang Realty Co., 1st National Bank Bldg., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.
Contractor—C. F. Parker, 15 Merced Ave., San Francisco. $4000

DWELLINGS
(748) E THIRTY-FIFTH AVE 75, 100 125, 150 and 175 N Cabrillo. Five one-story and basement frame dwellings.
Owner—H. Wissman, 2251 Clement St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Meyer Bros., 5326 Geary St., San Francisco. $15,000

APARTMENTS
(749) S JACKSON 112-6 E Broderick. Three-story and basement frame apartments.
Owner—John J. Kingwell, Butler Bldg San Francisco.
Architect—H. C. Baumann and Edw. Jose, 251 Kearny St., S. F.
Contractor—J. Prout, 515 Magellan Ave., San Francisco. $30,000

STORE AND FLAT
(750) W SAN BRUNO AVE 150 N Wayland. Two-story frame store and flat.
Owner — Antone Petersen, 2770 San Bruno Ave., San Francisco.
Architect—None. $3500

REPAIRS
(751) No. 550 EIGHTEENTH AVE. Alterations and repairs to dwlg.
Owner—P. A. Reimus, Premises.
Architect—None.
Contractor—Geo. M. Merritt Bldg., Co., 3014 Geary St., S. F. $1500

ALTERATIONS
(752) NO. 209 CLAY. Alter store front; reinforce present T iron columns.
Owner—Buckbee, Thorne Co., 151 Sutter St., San Francisco.
Architect—None.
Contractor—Swenson & Franzen, 145 Natoma St., S. F. $1250

BANK
(753) NE MISSION AND OCEAN Ave. One-story concrete bank.
Owner—Mercantile Trust Co. of Calif., 464 California St., S. F.
Architect—G. Albert Lansburgh, 140 Montgomery St., San Francisco.
Contractor—Wm. Bateman, 1915 Bryant St., S. F. $13,000

FRAME FLATS
(754) W TWENTY-SIXTH AVE 255 S Geary. Two-story and basement frame (2) flats.
Owner—J. C. Kirby, 430 20th Ave., San Francisco.
Architect—None. $5000

WAREHOUSE
(755) N TWENTY-FOURTH 31 W Rhode Island. One-story steel frame warehouse.
Owner—Bass Heuter Paint Co., 24th & Kansas Sts., San Francisco.
Plans by Owner.
Contractor—Thos. Lorenzen, 24th and Kansas Sts., S. F. $4000

ALTERATIONS
(756) N CLEMENT 25 E Thirty-second Ave. Cement flooring for lunch room; change front, etc.
Owner—M. McHale, 3041 Clement St., San Francisco.
Architect—None.
Contractor—W. Coffey, 359 31st Ave., San Francisco. $1500

ADDITION
(757) NO. 2770 SAN BRUNO AVE. (rear). Construct addition to garage for carpenter shop.
Owner—Antone Petersen, Premises.
Architect—None. $1000

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Amount

Feb. 23, 1923—E FUNSTON AVE 100 N Geary N 25xE 120. Chas Schmitz to Daniel Hayes.....Feb. 16, 1923
Feb. 23, 1923—W FORTY-FOURTH Ave 50 N Judah 25x95. C Fillipis to whom it may concern.....
Feb. 23, 1923—NW JACKSON AND Franklin W 40xN 100. Meyer Wood to Rincon Iron Works, and Martin Peterson.....Feb. 23, 1923
Feb. 23, 1923—E FIFTEENTH AVE 189-10 N Anza N 45-6xE 121-4½. Mrs Bertie and Sigmund Kaufman to Boxton & Zweig and Reliable Plumbing & Heating Co..Feb. 16, '23
Feb. 23, 1923—S FILBERT 40 W Pierce W 36-4xS 64-6. L A Steinfeld to Olson Mahoney Lumber Co, Clancy Mill, Paul Andros, American Hardware Floor Co, J Corby, Habenicht & Howlett Glass Co, Pioneer Glass and Electric Equipment Co.....Feb. 1, 1923
Feb. 23, 1923—W LEAVENWORTH 137-6 S Sutter S 27-6xW 110. Carl Jorgensen to whom it may concern .....Feb. 23, 1923
Feb. 23, 1923—LOTS 7 AND 8 BLK 2923 Claremont Court. Alfred Meyerstein to James Arnott & Son .....Feb. 5, 1923
Feb. 23, 1923—SW TENTH AVE AND Anza 37x95. Inez Flatley to Elmer Carlson.....Feb. 8, 1923
Feb. 23, 1923—W GUERRERO 141-9 S Market N 141-9 SW 149-10½ SE 122-3½ m or l to beg. Mary Ives Crocker to E Ellingson & Scott Co.....Feb. 23, 1923
Feb. 24, 1923—E GREAT HIGHWAY 150 S Taraval 50x120. Ruby M Sherman to whom it may concern .....Feb. 21, 1923
Feb. 24, 1923—NE CABRILLO AND Twentieth Ave E 68-8xN 100. Mrs. Blanche Bercut to A M Hardy.. .....Feb. 19, 1923
Feb. 24, 1923—W THIRTY-NINTH Ave 285 N Fulton 25x100. Wm Costello to whom it may concern.. .....Feb. 24, 1923
Feb. 24, 1923—E MISSION & FREMONT NE 68-9xSE 137-6; SE Mission 68 NE Fremont NE 68-9xSE 137-6. Walton N Moore Dry Goods Co to Folsom Street Iron Works, Feb. 15; The Turner Co, Feb. 15; Capitol Art Metal Co, Feb. 16; J W Bender Roofing Co, Feb. 15; D Dierssen Co, Feb. 16; H C Reed & Co, Feb. 15; A G Reed, Feb. 15; A Quandt & Sons, Feb. 15; Otis Elev Co, Feb. 15 and The Mission Marble Works.....Feb. 15, 1923
Feb. 24, 1923—N TWENTY-FOURTH 48-6 E Bartlett E 23xN 61-5½. Wm F and Arthur C Adams to Mager Bros.....Feb. 23, 1923
Feb. 26, 1923—LOTS 3, 5, 7 AND 9 Blk 3110, Westwood Park. Hans and Esther E Nelson to whom it may concern.....Feb. 20, 1923
Feb. 26, 1923—N GROVE 65 W Ashbury. W A Hemminga to whom it may concern.....Feb. 26, 1923
Feb. 26, 1923—N CABRILLO 95 W Eleventh Ave W 50xN 100. Alfred T Morris to whom it may concern .....Feb. 20, 1923
Feb. 26, 1923—LOTS 4 AND 5 BLK 27, Map Blks 27 to 34, Forest Hill Extn. St. George Holden to whom it may concern.....
Feb. 24, 1923—25 E 27TH AVE 132 E Balboa. Manfred Johnson to whom it may concern..Feb. 23, 1923
Feb. 27, 1923—SE NATOMA 135 SW Third SW 40xSE 80. Daniel O'Neill to Buschke & Brown....Feb. 24, 1923
Feb. 27, 1923—S LAKE 57-6 E 24th Ave E 25xS 100. Helen M Sargent and Geo C Sargent to W J Black .....Feb. 21, 1923
Feb. 27, 1923—NE THERESA 111 SE Alemany Ave SE 25xNE 100 Lot 148 Blk 7, Academy Tract. Frank Carmody to whom it may concern.. .....Feb. 27, 1923
Feb. 27, 1923—NE THERESA 86 SE Alemany Ave SE 25xNE 100 Lot 148 Blk 7, Academy Tract. Frank Carmody to whom it may concern.. .....Feb. 27, 1923
Feb. 27, 1923—NW LAKE AND 12th Ave. Louis Kahn to Collman & Speidel.....Feb. 19, 1923
Feb. 27, 1923—NW MISSION 275 NE Sixth NW 90xNE 25. Smith O'Brien and C B Hobson to Fred Moller... .....Feb. 27, 1923
Feb. 27, 1923—LOT 68 Lyon & Hoag's Sub Lincoln Manor. Alton R Lapham to whom it may concern .....Feb. 26, 1923
Feb. 27, 1923—E TWENTY-THIRD Ave 150 S Cabrillo S 25xE 120. Alton R Lapham to whom it may concern.....Feb. 26, 1923
Feb. 28, 1923—W LARKIN 35-10 S Union S 45-10 W 137-6. J Harold Johnson and L J Neal to whom it may concern.....Feb. 28, 1923
Feb. 28, 1923—W LARKIN 91-8 S Union S 4. J Harold Johnson and L J Neal to whom it may concern .....Feb. 28, 1923
Feb. 28, 1923—E FORTY-FIRST AV 50 S Balboa E 80xS 25. O F Sheafer to whom it may concern .....Feb. 28, 1923
Feb. 28, 1923—W GUERRERO 141-9 S Market N 141-9 SW 149-10½ SE 122 SE 122-3¼ m or l to beg. Mary Ives Crocker to F W Snook Co... .....Feb. 28, 1923
Feb. 28, 1923—E FREMONT AND Mission NE 68-9xSE 137-6; SE Mission 68 NE Fremont NE 68-9xSE 137-6. The Walton N Moore Dry Goods Co, Inc to James A Nelson, Otis Elevator Co, Pneumatic Tube Supply Co and William J Forster Co.....Feb. 19, 1923
Feb. 28, 1923—SW GEARY AND Shannon S 87-6xE 56. M A Little to whom it may concern.Feb. 26, 1923
Feb. 28, 1923—N FULTON 799-4 W Masonic Ave W 38 N 116 m or l SE 38-3½ m or l S 111-9. E A Garin to whom it may concern.. .....Feb. 21, 1923
Feb. 28, 1923—N FULTON 749-1 W Masonic Ave W 50-3 N 111-9 m or l SE 43-3 m or l S 8.174 E 6.10 S 97.10. Jerome A Carew to whom it may concern.....Feb. 21, 1923
Feb. 28, 1923—W SIXTH AVE 233-8 N California N 25xW 120. Chas E and Catherine Wilson to whom it may concern.....Feb. 28, 1923
Mar. 1, 1923—N GRANVILLE WAY 100 E Claremont Blvd. D L Blenfield to whom it may concern.... .....Feb. 27, 1923
Mar. 1, 1923—W TWENTY-SIXTH Ave 60 S Anza 60x90. D L Blenfield to whom it may concern..... .....Feb. 27, 1923
Mar. 1, 1923—S ANZA 77 E 15th Ave E 25xS 90. Edward and Annie K Hewlett to whom it may concern .....Feb. 15, 1923
Mar. 1, 1923—W HAROLD AVE 200 N Grafton Ave 25x112-6. Robert Miller to whom it may concern... .....March 1, 1923
Mar. 1, 1923—NE BROADWAY AND Taylor. Wm & Margaret Buchanan to whom it may concern.....
Mar. 1, 1923—N NINETEENTH 260 E Guerrero E 25xN 100. Dairy Delivery Co to A H Wilhelm..... .....Feb. 3, 1928
Mar. 1, 1923—LOT 14 BLK 12, Crocker Amazon Tract. Roy B Baker to A Larsen .....Feb. 27, 1923
Mar. 1, 1923—N VALLEJO 90 E Pierce E 30xN 120. B L and O E Alburn to E J Montgomery.....Mar. 1, 1923
Feb. 23, 1923—W THIRTY-SEVENTH Ave 325 S Irving S 50xW 120. San Francisco Home Building Co to Ward C Brown.....Feb. 26, 1923

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

Feb. 27, 1923—NW FELL AND Buchanan, N 120xW 55. T F Whelan as to improvements on property..
Feb. 27, 1923—N CALIFORNIA 200 E E Polk E 76-6 N 87 E 37 N 60-2 4/10 W 112-6 S 147-2 4/10. Zellerbach Levison Co as to improvements on property.....
Mar. 1, 1923—NW POST AND JONES 700-704 Post. Hotaling Estate Co and Clarence Eppstein as to improvements on property.....
Mar. 1, 1923—SW HAIGHT & FILLMORE W 106-3xS 120. Louisa Hagmaier as to improvements on property .....

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Amount

Feb. 24, 1923—NO. 1214 MARKET. F A Lorenz vs Mother Goose Confection Co., Inc, C A de Lisle Holland and A F Rousseau $1812
Feb. 24, 1923—LOTS 20, 20A, 21, 22, 23 24, 25, 26, 26A Blk 2700 on 19th St. No. 4608, 4610, 4612, 4614, 4616, 4618 4620, 4622, 4624 19th St. Civic Center Supply Co vs J C Gibson $405.59
Feb. 26, 1923—E LAGUNA 100 S Vallejo 57-6x137-6. S Marino vs F V Schrader & Bertha A Greater $121.80
Feb. 26, 1923—S FIFTEENTH 150 E Church. P E O'Hair & Co vs Ambrose Furrer and R J H Forbes $330
Feb. 26, 1923—E FORTY-EIGHTH Ave 250 S Taraval S 75xE 120. The Dorite Mfg Co vs Florence Dale or Mrs. Harvey Dale and Harry L Dale and Hamilton & Costello.$264.80
Feb. 27, 1923—NE NINTH 50 NW Clementina NW 25xNE 75. Geo Domansky vs Fannie Pedersen and J D Moore.....$40.75
Feb. 27, 1923—NE NINTH 50 NW Clementina NW 25xNE 75. M W Mahoney vs Fannie Pedersen and J D Moore $29.85

Feb. 28, 1923—N CALIFORNIA 192-6 W Hyde W 25xN 137-6. Reinhart Lumber & Planing Mill Co vs Hamilton & Costello, Pierre, Catherine and Claudine Lacoume..$429.89
Feb. 28, 1923—E FUNSTON AVE 100 N Geary N 25xE 120. J K Stewart vs Charles Schmitz $267
Mar. 1, 1923—SW McALLISTER & Steiner S 55xW 104-11. H S Buckley vs J L and Ada Price $587.50
Mar. 1, 1923—E FUNSTON AVE 100 N Geary N 25xE 120. George R Nelson vs Chas Schmitzis....$3657.40
Mar. 1, 1923—E BELLVIEW 200 N Lowell E 100xN 25. Joseph Cuneo, $61; A L Kubach, $49.50 vs Harry Pinkerton .....
Mar. 1, 1923—N W TARAVAL AND Thirty-sixth Ave W 25xN 100. Electric Equipment & Installation Co vs G W Rawls, M H Maher and W Hickson $57.50
Mar. 1, 1923—E FUNSTON AVE 100 N Geary N 25xE 120. G Massagli & Co vs Chas Schmitz and J E Barker $520.03
Mar. 1, 1923—N TARAVAL 25 W 36th Ave W 35-8xN 90. Christenson Lumber Co vs Otto Schimmel.$432.49
Mar. 1, 1923—NO. 2345 BUSH. Richmond Sanitary Mfg Co vs Annie and Gus Berndt.....$906.15

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded Amount
Feb. 21, 1923—S WASHINGTON 646-4 E Powell S 68-6 W 4-4 S 69 E 27-6 N 137-6 W 23-2. R Rosenberg to John Morton .....
Feb. 21, 1923—NE GRAFTON AND Lee Ave E 25xN 100. Tony Chichi to August De Ferrari, James Arnott & Son and C M Boulware.....$15
Feb. 21, 1923—E CAPITOL 50 N Grafton N 25xE 100. Tony Chichi to Brigitta Laub, James Arnott & Son and C W Boulware.....$16
Feb. 21, 1923—W CAPITOL AVE 75 N Grafton N 25xW 100. Tony Chichi to John J Sweeney, James Arnott & Son and C W Boulware.....$16
Feb. 21, 1923—E THIRTY-SIXTH Ave 215 N Irving N 30xE 120. Tony Chichi to Chas E Green, James Arnott & Son and C W Boulware.$28
Feb. 21, 1923—E THIRTY-SIXTH Ave 245 N Irving N 30xE120. Tony Chichi to Chas E Green, James Arnott & Son and C W Boulware.$28
Feb. 28, 1923—N McALLISTER 152 W Stanyan W 26 N 87-1½ E 25-9 S 90-0½. A J Hunter to Timothy Long .....
Mar. 1, 1923—N TARAVAL 25 W 36th Ave N 125 W 25 S to Taraval E 25. M G Peek to Otto Schimmel.....$178
Mar. 1, 1923—NW TARAVAL AND Thirty-sixth Ave N 125 W 120 S 25 W 126 S 100. Morris C Hixson to Otto Schimmel $2182.88

RELEASE OF BUILDING CONTRACT

SAN FRANCISCO COUNTY

Feb. 21, 1923—SW THIRD & PERRY S 55xW 75. A. Lobree and Leon A. Kutner with Finn Andersen, W. E. Trousdale, Emil Hogberg and C B. Sovig.

BUILDING CONTRACTS

ALAMEDA COUNTY

$1,000 and Over Reported

The following is an Index for the

No.	Owner	Contractor	Amt.
827	Wakefield	Thaxter	2800
828	Campau	Owner	6000
829	Irwin	Frostholm	1545
830	Wood	California	12000
831	Magnerson	Oakland	8000
832	Coolidge	Owner	6900
833	Black	Allen	1000
834	Dixon	California	4000
835	Cotter	California	12000
836	Mullins	Larmer	3850
837	Glenn	California	12000
838	Reeves	Oakland	2400
839	Johnston	Owner	1500
840	Saroni	Pond	5600
841	Cook	California	12000
842	Marquis	Owner	5000
843	Saroni	Pond	16000
844	Sigwald	Owner	3500
845	Prince	Frazel	1200
846	Whalen	Owner	7980
847	Wallman	Baughman	7500
848	Piper	Dixon	2250
849	Piper	Pollard	1980
850	Piper	Westlund	14120
851	Piper	Picard	1784
852	Jackson	Robins	3750
853	Kepple	Owner	3950
854	Esden	Graham	2500
855	Barry	Marshall	8000
856	Merriam	Owner	3000
857	Stadther	Petersen	15500
858	Johanson	Owner	2500
859	Massero	Anderson	5395
860	Bell	Owner	10500
861	Boarman Lbr. Co.	Owner	2200
862	Hammond	Johnson	8500
863	Complana	Gunnewald	3500
864	Tushock	Houck	5500
865	Shrader	Rose	6900
866	Todd	Scott	1500
867	Churchill	Owner	2500
868	Wittick	Asumaa	1500
869	Bailie	Coward	40000
870	Marquis	Owner	6400
871	Frawley	Owner	3600
872	Ragusa	Tomasello	2000
873	Watson	Wright	1000
874	McEllinny	Beach	3800
875	Waldman	Owner	3500
876	Scoville	Owner	1000
877	Lassen	Lassen	4500
878	Solomon	Scott	2950
879	Brown	Merritt	1000
880	Hinch	Owner	3000
881	Gould	Owner	2000
882	Zimbleman	Goranson	3360
883	Wilson	Nordstrom	1500
884	Meyers	Baird	5800
885	Brennon	Owner	6000
886	Marks	Jensen	13525
887	Keller	Owner	15000
888	Rinkel	Robins	4350
889	Yoemans	Wiser	5200
890	Buzzallno	Vaughn	13000
891	Peeslo	Vaughn	13000
892	Moore	Owner	3000
893	Bohannon	Tocheria	1650
894	Grattan	Eppson	4000
895	Campau	Owner	6000
896	Peterson	Peterson	2700
897	Peterson	Peterson	2200
898	Bigelow	Owner	3300
899	Leighton	MacGregor	14800
900	Lewisone	Owner	3250
901	Niewinski	Lindquist	4000
902	Strobel	Owner	2500
903	Creaig	Carlson	2500
904	Sweet	Owner	2000
905	Earle	Barnes	2850
906	Pratt	Owner	2400
907	Johns	Turner	3000
908	McMann	Owner	60000
909	Stockholm	Stockholm	12000
910	Sommarstrom	Sommarstrom	16500
911	Burg	Stolte	2425
912	Colonial	Rigney	5297
913	Oakland	Forderer	4206
914	Vickerson	Hambleton	20750
915	Camencin	Owner	1000
916	Stout	Stout	3000
917	Smith	Owner	2500
918	Ferguson	Wolbold	6000
919	Agnew	Lee	5240
920	Rogers	Lockwood	4800
921	Schroeder	Fish	13650
922	Eldridge	Porter	1500
923	Justice	King	3600
924	Alameda	Strehlow	1600
925	Peterson	Barker	1200
926	Fenaud	Fenaud	2750
927	Christensen	Owner	2500
928	Ingram	Owner	3000
929	Hanaen	Ortzon	3000
930	Jacobsen	Neergard	1700
931	Brown	Owner	7000
932	Rankin	Owner	5500
933	Glantz	Owner	5000
934	S. F. Bay	Greene	2500
935	Reeves	Owner	7200
936	Alameda	Owner	10800
937	West	Owner	12800
938	Brasch	Owner	10000
939	Ruedy	Owner	2000
940	Held	Heme	4000
941	Holdt	Anderson	3500
942	Dales	Peterson	10200
943	Martin	Diggs	25000
944	Klefer	Woolley	5960
945	Munro	Trayler	2450
946	Patrick	Owner	4000
947	Pollard	Reich	3000
948	Helenius	Owner	1200
949	Merlinjones	Damgaard	2400
950	McCord	Owner	2800
951	Sullivan	Owner	3500
952	Page	Owner	15000
953	Francis	Owner	1800
954	Maurer Co.	Owner	2800
955	Harrison	Peters	2900
956	Tonjis	Myers	2600

DWELLING
(827) NO. 2406 EDWARDS ST., Berkeley. One-story 4-room dwlg.
Owner—Violet Wakefield, 1569 Jackson St., Oakland.
Architect—None.
Contractor—F. W. Thaxter, 3029 Regent St., Berkeley. $2800

DWELLINGS
(828) NO. 2229 AND 2231 JEFFERson St., Berkeley. Two one-story 5-room dwellings.
Owner—Campau-Hall Building Corp., 6723 College Ave., Berkeley.
Architect—None. $3000 each

RESTAURANT
(829) IDORA PARK, Oakland. One-story restaurant.
Owner—Mrs. Irwin.
Architect—None.
Contractor—H. M. Frostholm, 877 Lakeshore Ave., Oakland. $1545

APARTMENTS
(830) N ATHOL 210 N Newton Ave., Oakland. 2-story 16-room apts.
Owner—E. Wood, 1534 Franklin St., Oakland.
Architect—None.
Contractor — California Builders Co., 1534 Franklin St., Okd. $12,000

FLATS
(831) W BDWY. 40 S Ada, Oakland. 2-story 8-room flats.
Owner — Katherine Magnerson, 2900 Grove St., Berkeley.
Architect—None.
Contractor—Oakland & S. F. Improvement Co., Merchants Exch. Bldg., Oakland. $8000

DWELLING
(832) 666 CALMAR AVE., Oakland. 1-story 7-room dwelling.
Owner—Geo. H. Coolidge, 355 12th St., Oakland.
Architect—None. $6900

ADDITION
(833) 634 EL DORADO ST., Oakland. Addition.
Owner—Mrs. Chas. Black, premises.
Architect—None.
Contractor—F. E. Allen, 2718 Regent St., Berkeley. $1000

STORES
(834) N E-FOURTEENTH ST. 90 W 83rd. Ave., Oakland. 1-story stores.
Owner—R. C. Dixon, 1534 Franklin St., Oakland.
Architect—None.
Contractor California Builders Co., 1534 Franklin St., Okd. $4000

APARTMENTS
(835) NE COR. FAIRMONT & FRISble, Oakland. 2-story 16-room apts.
Owner—Cotter & Burlingame.
Architect—None.
Contractor — California Builders, 1534 Franklin St., Oakland. $12,000

DWLG. & STORE
(836) W GROVE ST 80 N 52nd St., Oakland. 1-story 4-room dwelling and stores.
Owner—Mrs. Mullins.
Architect—None.
Contractor—Edw. Larmer, 90 Fairview Ave., Oakland. $3850

APARTMENTS
(837) E GLEN AVE. 80 S Linda St., Oakland. 2-story 16-room apts.
Owner—G. L. Glenn.
Architect—None.
Contractor — California Builders Co., 1534 Franklin St., Okd. $12,000.

DWELLING
(838) 2425 HARRINGTON AVE., Oakland. 1-story 5-room dwelling.
Owner—R. E. Reeves, 1505 37th Ave., Oakland.
Architect—None. $2400

ALTERATIONS
(839) 477 JEAN ST., Oakland. Alterations.
Owner—F. Johnston, premises.
Architect—None. $1500

DWELLINGS
(840) E SIXTY-SEVENTH AVE. 120 and 150 N Flora, Oakland. 2 1-story 5-room dwellings.
Owner—L. Saroni, 733 Battery St., S. F.
Architect—None.
Contractor—C. P. Pond, Okd. $2800 ea.

APARTMENTS
(841) N SIXTY-THIRD ST. 100 E Telegraph, Oakland. 2-story 16-room apartments.
Owner—J. H. Cook.
Architect—None.
Contractor — California Builders Co., 1534 Franklin St., Okd. $12,000

DWELLINGS
(842) 3700 & 3706 SANTA RITA, Oakland. 2 1-story 5-room dwellings.
Owner—E. M. Marquis, 2027 Russell St. Berkeley.
Architect—None. $2500 each

DWELLINGS
(843) NE SIXTY-SEVENTH and NW 67th and Avenal; E Havenscourt 129 S Arthur; SE 67th and Avenal Aves., and SW 68th and Avenal Aves., Oakland. 5 1-story 5-room dwellings.
Owner—L. Saroni, 733 Battery St., S. F.
Architect—None.
Contractor—C. P. Pond, Okd. 3200 ea.

DWELLING
(844) 2433 THIRTY-EIGHTH AVE., Oakland. 1-story 5-room dwelling.
Owner—J. W. Sigwald, 3927 Agua Vista, Oakland.
Architect—None. $3500

HEATING SYSTEM
(845) TWENTY-NINTH & S. P. R.R. Oakland. Heating system.
Owner—H. G. Prince Canning Co., prem.
Architect—None.
Contractor—L. D. Frazel, 699 36th St., Oakland. $1200

DWELLINGS
(846) 527 E-TWENTIETH St. and 1933 6th Ave., Oakland. 2 1-story 5-room dwellings.
Owner—John F. Whalen, Federal Bldg. Oakland.
Architect—None. $3950 ea.

DWELLING
(847) 460-2 WELDON ST., Oakland. 1-story 6-rooh 2-fam. dwelling and garage.
Owner—B. A. Wallman.
Architect—None.
Contractor—J. W. Baughman, 1627 50th Ave., Oakland. $7500

DWELLING
(848) LOT 6 BLK 2 Piedmont Acres, Piedmont. Lathing and plastering for 2-story and basement dwelling and garage.
Owner—A. L. Piper, Hillegass Ct. Apts., Berkeley.
Architect—Sidney B. & Noble Newson, Nevada Bank Bldg., San Francisco.
Contractor—George Dixon, 541 Apgar St., Oakland.
Filed Feb. 23, 1923. Dated Feb. 8, 1923.
Brown coated $1125
Completed and accepted 562.50
Usual 35 days 562.50
TOTAL COST, $2250
Bond, $1125; Sureties, D. P. Spillane & J. Pegnena; Forfeit, $5 day; Limit without delay; Plans and specifications filed.

(849) PAINTING ON ABOVE.
Contractor—W. H. Pollard Jr., 340 13th St., Oakland.
Filed Feb. 23, 1923. Dated Feb. 8, 1923.
Half completed $990
Completed and accepted 495
Usual 35 days 495
TOTAL COST, $1980
Bond, $990; Sureties, J. C. Seagrave; Forfeit, $5 day; Limit, without delay; Plans & specifications filed.

(850)ALL WORK ON ABOVE (except brick, lath and plaster, tile, elec., plumbing, painting, papering, heating, fin. hardware, elec. fix., hard. wood floors, iron, shades).
Contractor — Fred J. Westlund, 2207 10th Ave., Oakland.
Filed Feb. 23, 1923. Dated Feb. 8, 1923
Frame up $3500
Brown coated 3500
Completed and accepted..... 3500
Usual 35 days 3520
TOTAL COST, $14,120
Bonds, None; Sureties, none; Forfeit, $10 day; Limit, without delay; Plans and specifications filed.

(851) PLUMBING & SEWERING ON above.
Contractor—W. H. Picard, 5656 College Ave., Oakland.
Filed Feb. 23, 1923. Dated Feb. 8, 1923
Roughed in $892
Completed and accepted..... 446
Usual 35 days 446
TOTAL COST, $1784
Bonds, none; Sureties, none; Forfeit, $5 day; Limit, without delay; Plans and specifications filed.

DWELLING
(852) W KENMORE AVE 50 N Walla Vista, Okd. 1-story 6-room dwlg.
Owner—F. J. Jackson, 5937 Shafter Okd
Architect—None.
Contractor—R. L. Robins, 5117 Bdwy, Oakland. $3750

DWELLING
(853) 2646 SEMINARY Ave., Oakland. 1-story dwelling.
Owner—Wm. S. Kepple, 2619 62nd Ave., Oakland.
Architect—None. $3950

DWELLING
(854) 4221 E-SIXTEENTH ST., Oakland. 1-story 5-room dwelling.
Owner—H. D. Esden, 4216 E-16th St., Oakland.
Architect—None.
Contractor—C. H. Graham, 4236 E-16th St., Oakland. $2500

DWELLINGS
(855) 877-79-83-85 APGAR ST., Oakland. 4 1-story 3-room dwlgs.
Owner—M. D. Barry, 1735 Hyde St., San Francisco.
Architect—None.
Contractor—A. F. Marshall 1424 Franklin St., Oakland. $2000 ea.

DWELLING
(856) W SIXTY-FIFTH AVE. 50 N Flora St., Oakland. 1-story 5-room dwelling.
Owner—Jas. Merriman, 2109 64th Ave., Oakland.
Architect—None. $3000

STORES
(857) N E-FOURTEENTH ST. 25 E 36 Ave., Oakland. 1-story brick stores.
Owner—John Stadtler, Estudillo Ave., San Leandro.
Architect—None.
Contractor—J. B. Petersen, 2053 38th Ave., Oakland. $15,500

DWELLING
(858) N HOLWAY 60 E 62nd Avenue; S HOLWAY 192 E 62nd Avenue; NE COR HOLWAY & 62nd Ave., Oakland. 3 1-story 4-room dwlgs.
Owner—K. A. Johanson, 2429 13th Ave. Oakland.
Architect—None. $2500 ea.

DWELLING
(859) N FORTY-SECOND ST. 150 W Telegraph, Oakland. 1-story 7-room dwelling.
Owner—E. Massero.
Architect—None.
Contractor — A. Frederick Anderson, 2800 Delaware St., Oakland. $5395

DWELLINGS
(860) N E-TWENTY-SECOND ST. 408, 444, 448 W 19th Ave., Oakland. 3 1-story 5-room dwellings.
Owner—Glenn R. Bell, 1433 Madison St. Oakland.
Architect—None. $3500 ea.

WAREHOUSE
(861) 10035 E-FOURTEENTH ST Oakland. 1-story office and warehouse.
Owner—Boarman Lmbr. Co., St. Marks Hotel, Oakland.
Architect—None. $2200

DWELLING
(862) 806 ROSEMONT AVE., Oakland. 2-story 8-room dwelling.
Owner—B. M. Hammond, 2033 38th Ave., Oakland.
Architect—None.
Contractor—S. G. Johnson, 4652 Dolores Ave., Oakland. $8500

DWELLING
(863) 5256 MILES AVE., Oakland. 1-story 5-room dwelling.
Owner—Andrea Complana.
Architect—None.
Contractor—F. Gunnewald, 406 Hudson St., Oakland. $3500

DWELLING
(864) 4606 EDGEWOOD AVE., Oakland. 1-story 6-room dwelling.
Owner—Misa F. Tuahock, 2110 Telegraph Ave., Oakland.
Architect—None.
Contractor—H. L. Houck, 4609 Dolores Ave., Oakland. $5500

DWELLING
(865) LOT 1 BLK G MAP GRAND Avenue Heights (by the park). Oakland. 6-room dwelling and garage.
Owner—Bert R. Shrader, 6 Van Buren Court, Oakland.
Architect—None.
Contractor—Mervin P. Rose, 940 Oxford Berkeley.
Filed Feb. 23, 1923. Dated Feb. 17, 1923.
Frame up .....¼
Brown coated .....¼
Completed and accepted .....¼
Usual 35 days .....¼
TOTAL COST, $6900
Bonds, none; Sureties, none; Forfeit, none; Limit, 90 days; Plans and specifications filed.

ADDITION
(866) NO. 1334 ARCH ST., Berkeley. Addition.
Owner—Frank Todd, Premises.
Architect—None.
Contractor—G. A. Scott, 685 23rd St., Oakland. $1500

DWELLING
(867) NO. 1636 BONITA ST., Berkeley. One-story 5-room dwelling.
Owner—A. J. Churchill, 3720 38th Ave., Oakland.
Architect—None. $2500

SHOP
(868) NO. 1976 CENTER ST., Berkeley One-story paint shop.
Owner—J. H.Wittick, 2121 Grant St., Berkeley.
Architect—None.
Contractor — Leonard Asumaa, 6518 Whitney St., Oakland. $1500

APARTMENTS
(869) NO. 3100 COLLEGE AVE., Berkeley. Three-story 36-room apartments.
Owner—K. G. Baille, 3129 College Ave., Berkeley.
Architect—None.
Contractor—Joseph Coward, 6081 College Ave., Oakland. $40,000

DWELLING
(870) NO. 1405 AND 1406 EDITH ST., Berkeley. Two one-story 5-room dwellings.
Owner—P. E. Marquis, 2045 Shattuck Ave., Berkeley.
Architect—None. $3200 each

DWELLING
(871) NO. 3041 LEE ST., Berkeley. One-story 5-room Class C dwelling.
Owner—Frawley, Smith & Caston, 1174 Phelan Bldg., San Francisco.
Architect—None. $3600

DWELLING
(872) NO. 2304 TENTH ST., Berkeley. One-story 4-room dwelling.
Owner—G. Ragusa, 2310 9th St., Berkeley.
Architect—None.
Contractor—F. Tomasello, 2314½ 8th St., Berkeley. $2000

ALTERATIONS
(873) NO. 2521 WEBSTER ST., Berkeley. Alterations.
Owner—Jessie E. Watson, 2708 Webster St., Berkeley.
Architect—None.
Contractor—Curtis Wright, 2716 Telegraph Ave., Berkeley. $1000

DWELLING
(874) 3804 EVERETT AVE., Oakland. 1-story 5-room dwelling.
Owner—C. N. McEllinny, 10 Loreta St., Oakland.
Architect—None.
Contractor—Beach & Noble, 3060 Kansas St., Oakland. $3800

DWELLING
(875) S HOLWAY 250 E Seminary Ave Oakland. 1-story 5-room dwelling.
Owner—A. E. Waldman, 822 53rd St., Oakland.
Architect—None. $3500

DWELLING
(876) SE COR LYNDE & HUMBOLDT St., Oakland. 1-story 2-room dwlg.
Owner—G. A. Scoville, 1750 35th Ave., Oakland.
Architect—None. $1000

DWELLING
(877) 5340 BROADWAY, Oakland. 1-story 6-room dwelling.
Owner—Carl C. Lassen, 5323 College Ave., Oakland.
Architect—None.
Contractor—Lassen & Shields, 5323 College Ave., Oakland. $4500

STORES
(878) E TELEGRAPH AVE 75 S 48th St., Oakland. 1-story stores.
Owner—John H. Solomon, Stockton.
Architect—None.
Contractor—G. A. Scott, 685 23rd St., Oakland. $2950

DWELLING
(879) E SIXTY-SECOND AVE. 150 S Eastlawn, Oakland. 1-story 3-room dwelling.
Owner — Bert Brown, 1041 7th Ave., Oakland.
Architect—None.
Contractor—J. W. Merritt, 6122 Mills St., Oakland. $1000

DWELLING
(880) 2528 NINETEENTH AVE., Oakland. 1-story 5-room dwelling.
Owner—E. M. Hinch, 414 15th St., Okd.
Architect—None. $3000

DWELLING
(881) 1606 EIGHTY-SEVENTH AVE., Oakland. 1-story 4-room dwelling.
Owner—Geo. F. Gould, 2201 Harrison Blvd., Oakland.
Architect—None. $2000

DWELLING
(882) 3322 LAGUNA AVE., Oakland. 1-story 5-room dwelling.
Owner — A. Zimbleman, 3330 Laguna Ave., Oakland.
Architect—None.
Contractor—H. Goranson, 3476 Laguna Ave., Oakland. $3360

ADDITION
(883) 22 RANDWICK AVE., Oakland. Addition.
Owner—Ettie Wilson, premises.
Architect—None.
Contractor — David Nordstrom, 4146 Emerald St., Oakland. $1500

DWELLING
(884) 1100 UNDERHILL RD., Oakland. 1-story 6-room dwelling.
Owner—Stanley Myers, 4105 Montgomery St., Oakland.
Architect—None.
Contractor—Leroy M. Baird, 1031 Bay View Ave., Oakland. $5800

DWELLING
(885) 1057 WARFIELD AVE., Oakland 1-story 7-room dwelling.
Owner—Thos. F. Brennon, 302 Perry St Oakland.
Architect—None. $6000

APARTMENTS
(886) N FIFTEENTH ST 100 E Brush St., Oakland. 2-story 16-room apts.
Owner—M. Marks, 15th and Brush Sts., Oakland.
Architect—None.
Contractor—Jensen & Pedersen, 3417 Adeline St., Oakland. $13,525

APTS & STORES
(887) W COLLEGE AVE 94 N Chabot Rd., Oakland. 3-story 11-room apts and stores.
Owner—C. E. Keller, 404 26th St., Okd.
Architect—None $15,000

DWELLING
(888) FOURTY-FOURTH & WEBster Sts., Oakland. 1-story 6-room dwelling.
Owner—C. Rinkel, 810 7th Ave., Okd.
Architect—None.
Contractor—R. L. Robins, 5117 Broadway, Oakland.
Filed Feb. 26, 1923. Dated Feb. 14, 1923.
Frame up ..... ¼
Brown coated ..... ¼
Completed and accepted ..... ¼
Usual 35 days ..... ¼
TOTAL COST, $4350
Bond, none; Sureties, none; Forfeit, $5.00 day; Limit, 55 days; Plans and specifications filed.

DWELLING
(889) E SIXTEENTH Lot 2 & W 40 Lot 3 Blk 8 Lakeshore Highlands, Oakland. 2-story 6-room dwelling.
Owner—Mrs. S. C. Yoemans, Oakland.
Architect—None.
Contractor—Gordon Wiser, 1633 Virginia Ave., Oakland.
Filed Feb. 26, 1923. Dated Feb. 26, 1923.
Frame up ..... ¼
Brown coated ..... ¼
Completed and accepted ..... ¼
Usual 35 days ..... ¼
TOTAL COST, $5200
Bond, none; Sureties, none; Forfeit, $1.00 day; Limit, 90 days; Plans and Specifications, none.

(890) NO. 5465 CLAREMONT AVE., Oakland. All work for two-story apartments.
Owner—Giacomo Buzzalino, 5465 Claremont Ave., Oakland.
Architect—None.
Contractor—W. T. Vaughn, 4190 Opal St., Oakland.
Filed Feb. 26, '23. Dated Feb. 20, '23.
Sub floor laid ..... ¼
Ready for plaster ..... ¼
Ready for trim ..... ¼
Completed and accepted ..... ¼
TOTAL COST, $13,000
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications, none.

APARTMENTS
(891) NO. 5841 MILES AVE., Oakland. All work for two-story apartmenta.
Owner—Emil Pescio, Premises.
Architect—None.
Contractor—W. T. Vaughn, 4190 Opal St., Oakland.
Filed Feb. 26, '23. Dated Feb. 22, '23.
Sub floor laid ..... ¼
Roof on ..... ¼
Interior plastered ..... ¼
Completed ..... ¼
TOTAL COST, $13,000
Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

ALTERATIONS
(892) NO. 2317 WEBSTER ST., Berkeley. Alterations.
Owner—C. T. Moore, 446 38th St., Okd.
Architect—None. $3000

GARAGE
(893) NO. 2041 CENTER ST., Berkeley Garage.
Owner—W. L. Bohannon, 2001 Grove St., Berkeley.
Architect—None.
Contractor—Tiecheria & Glaud, 102 Napa Road, Vallejo. $1650

DWELLING
(894) NO. 266 HILLCREST ST., Berkeley. Two-story 8-room dwlg.
Owner—T. Grattan, 2524 Benvenue St., Berkeley.
Architect—None.
Contractor—G. Eppson, 742 Madison St., Berkeley. $4000

DWELLING
(895) NO. 2225-2227 JEFFERSON ST., Berkeley. Two one-story 5-room dwellings.
Owner—Campau-Hall Building Corp., 5723 College Ave., Berkeley.
Architect—None. $3000 each

DWELLING
(896) NO. 1224 BLAKE ST., Berkeley. One-story 5-room dwelling.
Owner—Annie C. Peterson, 1200 E-24th St., Oakland.
Architect—None.
Contractor—Chas. Peterson, 1200 E-24th St., Oakland. $2700

DWELLING
(897) NO. 1228 BLAKE ST., Berkeley. One-story 4-room dwelling.
Owner—Annie C. Peterson, 1200 E-24th St., Oakland.
Architect—None.
Contractor—Chas. Peterson, 1200 E-24th St., Oakland. $2200

DWELLING
(898) NO. 2321 DANA ST., Berkeley. One-story 5-room dwelling.
Owner—J. E. Bigelow, 2224 Atherton St., Berkeley.
Architect—None. $3300

DWELLINGS
(899) 3062-68-74-3100 CALIFORNIA St., Oakland. 4 1-story 5-rm. dwlgs.
Owner—Leighton MacGregor, 470 13th St., Oakland.
Architect—None.
Contractor—C. M. MacGregor, 470 13th St., Oakland. $3950 ea.

DWELLING
(900) 986 ARLINGTON, Oakland. 1-story 5-room dwelling.
Owner—Eugene Lewisone, 2635 Adeline St., Oakland.
Architect—None. $3250

ALTERATIONS
(901) 1518-20 E-FOURTEENTH ST., Oakland. Alter & Add.
Owner—A. Niewinski, 3412 E-10th St., Oakland.
Architect—None.
Contractor—John Lindquist, 1734 Auseon Ave., Oakland. $4000

DWELLING
(902) S HOLWAY 287 E SEMINARY, Oakland. 1-story 4-room dwelling.
Owner—N. M. Strobel, 1325 Fruitvale Ave., Oakland.
Architect—None. $2500

DWELLING
(903) S RUSTIC RD. 750 W 35th Ave., Oakland. 1-story 4-room dwelling.
Owner—G. E. Creaig, Easton Bldg., Oakland.
Architect—None.
Contractor—C. A. Carlson, Okd. $2600

DWELLING
(904) 1670 EIGHTY-SIXTH AV., Oakland. 1-story 4-room dwelling.
Owner—B. E. Sweet, 324 40th St., Okd.
Architect—None. $2000

DWELLING
(905) S FORTY-SECOND ST. 250 E Market St., Oakland. 1-story 4-room dwelling.
Owner—J. J. Earle, 285 Fairmont Ave., Oakland.
Architect—None.
Contractor—H. W. Barnes, 64 Garland Ave., Oakland. $2850

DWELLING
(906) E SEVENTY-EIGHTH AVE. 400 S E-14th St., Oakland. 1-story 5-room dwelling.
Owner—Pratt & Lavaysse, 1305 Filbert St., Oakland.
Architect—None. $2400

DWELLING
(907) S FLEMING AVE. 571 E Courtland Ave., Oakland. 1-story 5-room dwelling.
Owner—Mrs. Bertha Johns, 4625 Fleming Ave., Oakland.
Architect—None.
Contractor—Fred G. Turner, 4521 Virginia Ave., Oakland. $3000

STORES & APTS.
(908) NE COR. TWENTY-THIRD & Telegraph Ave., Oakland. 6-story brick stores and apartments.
Owner—R. E. McMann, 730 Arlington Ave., Berkeley.
Architect — Clay N. Burrell, Am. Bank Bldg., Oakland $60,000

GARAGE
(909) NW COR. TWENTY-THIRD & Webster Sts., Oakland. One-story brick garage.
Owner—Stockholm & Allyn, 316 Lenox Ave., Oakland.
Architect—None.
Contractor—Stockholm & Sons, Monadnock Bldg., S. F. $12,000

APARTMENTS
(910) NW COR. CHICAGO & PARK Blvd., Oakland, 2-story 16-room apartments.
Owner—Esther M. Sommarstrom, 2215 Park Blvd., Oakland.
Architect—None.
Contractor—M. T. Sommarstrom, 403 15th St., Oakland. $16,500

ALTERATIONS
(911) NE EXCELSIOR AVE 210 SE Lakeshore Ave SE 50xNE 110, being No. 574 Excelsior Ave., Oakland. All work for alterations, additions and repairs.
Owner—Audrey A. Burg, 99 Lakeshore Ave., Oakland.
Architect—A. W. Smith, 1010 Broadway, Oakland.
Contractor—F. C. Stolte, 3455 Laguna Ave., Oakland.
Filed Feb. 26, '23. Dated Feb. 23, '23.
Brown coated ..... $ 800
Completed and accepted 1000
Usual 35 days 625
TOTAL COST, $2425
Bond, $1250. Sureties, A. P. Pollard and Geo. A. Hedberg. Limit, 30 days. Forfeit, $2. Plans and specifications filed.

TILE WORK
(912) SE FRANKLIN 398 NE Fourteenth NE 54xSE 150, Oakland. Tile work for two-story concrete cafeteria.
Owner—Colonial Cafeteria Co.
Architect—A. Reinhold Denke, Dalziel Bldg., Oakland.
Contractor—The Rigney Tile Co., 2148 Telegraph Ave., Oakland.
Filed Feb. 27, '23. Dated Feb. 26, '23.
4th day of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $5297
Bond, none. Limit, as soon as possible Forfeit, none. Plans and specifications filed.

BANK, ETC.
(913) E BROADWAY 55 N Twelfth N 45xE 100, Oakland. Metal window frames and sash for 17-story Class A bank and office building.
Owner—The Oakland Bank.
Architect — Reed & Corlett, Oakland Bank of Savings Bldg., Okd.
Contractor—Forderer Cornice Works, 269 Potrero Ave., San Francisco.
Filed Feb. 26, '23. Dated Feb. 21, '23.
10th day of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $4206
Bond, $2103. Surety, U. S. Fidelity & Guaranty Co. Limit, 6 months. Forfeit, none. Plans only filed.

APARTMENTS, ETC.
(914) LOTS 6 AND 7 BLK "F" Map Suburban Tract, Berkeley. All work for stores and apartments.
Owner—Dr. John Irving Vickerson and Julia S. Vickerson, 1551 8th St., Oakland.
Architect—None.
Contractor—Fred Hambleton, 3737 13th Ave., Oakland.
Filed Feb. 27, '23. Dated Feb. 15, '23.
Frame up ..... ¼
Brown coated ..... ¼
Completed ..... ¼
When all bills are paid..... ¼
TOTAL COST, $20,750
Bond, limit, forfeit, none. Plans and specifications, none.

ALTERATIONS
(915) NO. 1301 ROSE ST., Berkeley. Alterations.
Owner—Joe Camencin, 1908 Vine St., Berkeley.
Architect—None. $1000

DWELLING
(916) NO. 3021 LEE ST., Berkeley. One-story 5-room dwelling.
Owner—Ernest Stout, 443 Moss Ave., Oakland.
Architect—None.
Contractor—C. T. Stout, 443 Moss Ave., Oakland. $3000

DWELLING
(917) NO. 1128 CARLTON ST., Berkeley. One-story 4-room dwlg.
Owner—A. H. Smith, 3809 Telegraph Ave., Berkeley.
Architect—None. $2500

DWELLING
(918) NO. 829 MENDOCINO ST., Berkeley. Two-story 6-room dwlg.
Owner—William Ferguson.
Architect—J. E. Roche, 1034 Sierra St., Berkeley.
Contractor—J. Henry Wolbold, 1709 Sonoma Ave., Berkeley. $6000

DWELLING
(919) NO. 1729 CLINTON AVE., Alameda. One-story 6-room dwelling.
Owner—Frank Agnew, 900 Grand St., Alameda.
Architect—None.
Contractor—Samuel Lee, 180 Lafayette St., Alameda. $5240

FLATS
(920) NO. 633 HAIGHT AVE., Alameda. Two-story 10-room flats.
Owner—Mrs. C. E. Rogers, 631 Haight Ave., Alameda.
Architect—None.
Contractor—F. H. Lockwood, 717½ Haight Ave., Alameda. $4800

APARTMENTS
(921) NO. 1600 SANTA CLARA AVE., Alameda. Two-story 16-room apts.
Owner—G. R. Schroeder.
Architect—None.
Contractor—M. H. Fish, 1333 Fountain St., Alameda. $13,650

DWELLING
(922) NO. 2218 SAN ANTONIO AVE., Alameda. One-story 4-room dwlg.
Owner—G. E. Eldridge, 2220 San Antonio Ave., Alameda.
Architect—None.
Contractor—Al W. Porter, 1816 San Jose Ave., Alameda. $1500

DWELLING
(923) NO. 2616 BUENA VISTA AVE., Alameda. One-story 5-room dwlg.
Owner—N. F. Justice.
Architect—None.
Contractor—Geo. W. King, 2054 Alameda Ave., Alameda. $3600

ADDITION
(924) NEPTUNE BEACH, Alameda. Addition.
Owner—Alameda Park Co., Premises.
Architect—None.
Contractor—R. C. Strehlow, 1302 8th St., Alameda. $1600

ALTERATIONS
(925) NO. 2228 SAN JOSE AVE., Alameda. Alterations.
Owner—Jans Peterson, 925 Walnut St., Alameda.
Architect—None.
Contractor—Barker & Kendel, 1224 Chestnut St., Alameda. $1200

DWELLING
(926) 2175 THIRTY-EIGHTH AVE., Oakland. 1-story 4-room dwelling.
Owner—E. Fenaud, 1806 38th Ave., Okd.
Architect—None.
Contractor—Neil Fenaud, 1806 38th Ave Oakland. $2750

DWELLING
(927) 3414 SHEFFIELD AVE., Oakland. 1-story 5-room dwelling.
Owner—C. Christensen, 2727 Garden St., Oakland.
Architect—None. $2500

DWELLING
(928) N 62nd St. 80 E Shattuck Ave., Oakland. 1-story 5-room dwelling.
Owner—E. L. Ingram, 623 63rd St., Okd.
Architect—None. $3000

GARAGE
(929) N WILLIAMS ST. 197 E San Pablo, Oakland. 1-story tile garage.
Owner—Henry Hansen, 572 Williams St Oakland.
Architect—None.
Contractor—A. Ortzon, 3929 West St., Oakland. $3000

ADDITION
(930) 1600 FORTY-FIRST AVE., Oakland. Addition.
Owner—Mrs. Jacobsen, premises.
Architect—None.
Contractor — N. Neergard, 2536 Scenic Ave., Oakland. $1700

DWELLINGS
(931) 4125 Lyon Ave. & 1363 Excelsior Ave., Oakland. 2 1-story 6-rm. dwellings.
Owner—Brown & Stenbro, 1707 Broadway, Oakland.
Architect—None. $3500 each

DWELLING
(932) 5855 COLBY ST., Oakland. One-story 5-room dwelling.
Owner—J. R. Rankin, 6082 Claremont Ave., Oakland.
Architect—None. $3500

DWELLINGS
(933) N BROMLEY 350 & 450 E Seminary, Oakland. 2 1-story 5-room dwellings.
Owner — A. A. Glantz, 831 Mandana Blvd., Oakland.
Architect—None. $2500 ea.

CHURCH
(934) S SUNNYSIDE ST. GORE 72nd Ave., Oakland. 1-story church.
Owner—S. F. Bay Cities Baptist Union 785 Market St., Oakland.
Architect—None.
Contractor—S. A. Grune, 510 28th St., Oakland. $2500

DWELLINGS
(935) 2184 & 2188 RANSOME AVE. 2257 & 2238 THIRTY-EIGHTH AVE Oakland. 4 1-story 4-room dwlgs.
Owner—R. E. Reeves, 1505 37th Ave., Oakland.
Architect—None. $1800 ea.

DWELLINGS
(936) S CALIFORNIA 53 & 103 E Maple Ave.;
W MAPLE AVE 160 & 197 N Hopkins Oakland. 4 1-story 5-room dwellings.
Owner—Alameda Investment Co., Syndicate Bldg., Oakland.
Architect—None $2450 ea.

FLATS
(937) 12 WILDWOOD AVE., Oakland. 2-story 16-room flats (4) and garage
Owner—Elmer W. West, 4026 Brighton Ave., Oakland.
Architect—none. $12,800

APTS. & STORES
(938) NE COR E-EIGHTEENTH ST. & Park Blvd., Oakland. 2-story 6-rm. apts. and stores.
Owner—M. P. Brasch, Am. Bank Bldg., Oakland.
Architect—None. $10,000

DWELLING
(939) N HILTON ST. 150 E 53rd Ave., Oakland. 1-story 5-room dwelling.
Owner—E. Ruedy, 5520 Harvey St., Okd.
Architect—None $2000

DWELLING
(940) S BROOKWOOD RD 320 E Shatford Rd., Oakland. 1-story 6-room dwelling.
Owner—Ernest Held, 1843 Prince St., Berkeley.
Architect—Miller & Warnecke, Perry Bldg., Oakland.
Contractor—Home Mfg. Co., 543 Brannan St., San Francisco. $4000

STORES
(941) 7521 E-FOURTEENTH ST., Oakland. 1-story 3-room stores.
Owner—N. Holdt, 7520 E-14th St., Okd.
Architect—None.
Contractor—E. Anderson, 226 Joaquin Ave., San Leandro. $3500

GARAGE
(942) NW COR. HOPKINS & DIMOND Ave., Oakland. 1-story reinforced concrete garage.
Owner—H. Dades and C. A. Aymar, 2126 Hopkins, Oakland.
Architect—None.
Contractor—Alfred Peterson, 3918 Linwood Ave., Oakland. $10,200

APARTMENTS
(943) S TWENTY-EIGHTH ST. 250 E Telegraph Ave., Oakland. 2-story 21-room concrete apartments.
Owner—E. W. Martin, 11th and Broadway, Oakland.
Architect—None.
Contractor—M. I. Diggs, 19th and Telegraph Ave., Oakland. $25,000

DWELLING
(944) LOT 21 BLOCK 6 MAP LAKEshore Highlands, Oakland. 2-story dwelling.
Owner—Kenneth H. Keefer, 367 Newton St., Oakland.
Architect—None.
Contractor — B. F. Woolley, 706 San Pablo Ave., Albany.
Filed Feb. 28, 1923. Dated Feb. 21, 1923.
Frame up ..... ¼
Brown coated ..... ¼
Completed and accepted ..... ¼
Usual 35 days ..... ¼
TOTAL COST, $5960
Bond, none; Sureties, none; Forfeit, $5.00 day; Limit, 90 days; Plans and specifications filed.

ALTERATIONS
(945) 780 SIXTEENTH ST., Oakland. Alterations.
Owner—Mrs. H. E. Munro, Oakland.
Architect—None.
Contractor—R. C. Trayler, 714 7th St., Oakland.
Filed Feb. 28, 1923. Dated Feb. 27, 1923.
Rough carpented work compl..... ¼
Plumbing & elec. roughed in..... ¼
Completed and accepted ..... ¼
Usual 35 days ..... ¼
TOTAL COST, $2150
Bonds, none; Sureties, none; Forfeit, $2.00 day; Limit, 60 days; Plans and specifications filed.

DWELLING
(946) NO 1973 MARIN AVE., Berkeley. One-story 6-room dwlg.
Owner—H. G. Patrick, 1036 Nielsen St., Berkeley.
Architect—None. $4000

DWELLING
(947) NO. 554 ARLINGTON ST., Berkeley. One-story 4-room dwelling
Owner—Miss Isabelle Pollard.
Architect—None.
Contractor—James L. Rich, 743 Hillgirt Circle, Oakland. $3000

DWELLING
(948) NO. 1305 PARKER ST., Berkeley. One-story 3-room dwelling.
Owner — Charles Helenius, 2434 10th St., Berkeley.
Architect—None. $1200

DWELLING
(949) 1201 SEVENTY-THIRD AVE., Oakland. 1-story 4-room dwelling.
Owner—C. M. Merlinjones, 1225 E-18th St., Oakland.
Architect—None.
Contractor — S. Damgaard, 1352 89th Ave., Oakland. $2400

DWELLING
(950) 2242 SIXTY-FIFTH AVE., Oakland. 1-story 4-room dwelling.
Owner—T. J. McCord, 4741 E-14th St., Oakland.
Architect—None. $2800

DWELLING
(951) NE COR. SEVENTY-EIGHTH Ave. & Alder St., Oakland. 1-story 5-room dwelling.
Owner—C. J. Sullivan, 611 22nd St., Oakland.
Architect—None. $3500

DWELLINGS
(952) 5514, 5526, 5532, 5538, 5544 HARmon Ave., Oakland, 5 1-story dwellings.
Owner—M. Page, 2060 55th Ave., Okd.
Architect—None. $3000 each

DWELLING
(953) N CHERRY ST. 80 W 98th Ave. Oakland. 1-story 4-room dwlg.
Owner—E. O. Francis, 3940 E-14th St., Oakland.
Architect—None. $1800

DWELLING
(954) S FIFTY-FIRST ST. 167 E Coronado, Oakland. 1-story 5-room dwelling.
Owner—Geo. J. Maurer Co., 177 Ridgeway Ave., Oakland.
Architect—None. $2800

DWELLING
(955) 3015 PERALTA AVE. Oakland. 1-story 5-room dwelling.
Owner—E. H. Harrison, 386 E-14th St., Oakland.
Architect—None.
Contractor—L. A. Peters, 3485 Davis St., Oakland. $2900

DWELLING
(956) 3120 BEVERLY, Oakland. One-story 4-room dwelling.
Owner H. Tonjes, 4118 Virginia Ave., Oakland.
Architect—None.
Contractor—W. J. Myers, 3214 High St. Oakland. $2500

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Accepted

Feb. 21, 1923—LOT 2 BLK 8 Map Eastlawn, Oakland. Ethel Schleason to J F Perry.....Feb. 16, 1923
Feb. 21, 1923—LOT 30 BLK 1055, Rancho San Antonio, Oakland. Mrs Edith S Bouchard to James Moore (2 completion notices).Feb. 10, 1923
Feb. 22, 1923—NO. 31 OAKES BLVD., San Leandro. J R Freeman to whom it may concern..Feb. 21, 1923
Feb. 23, 1923—LOT 37 BLK "B" Map Lands Oakland View Homestead Ass'n. Oakland. Robert Greig to F E Gold.. .....Feb. 21, 1923
Feb. 23, 1923—S 35 LOT 2 and N 5 Lot 3 Blk 1, South Lakeshore Glen Oakland. Earl B Leonard to whom it may concern .....Feb. 20, 1923
Feb. 24, 1923—LOT 3 BLK A MAP Northbrae Business Property, Berkeley. M Van Rensselaer to Doney Henry Goodrich .....Jan. 18, 1923
Feb. 24, 1923 — LOT 202 BLOCK F Bowles Fitzgerald Tract. Italia Flaus Newman to Thomas Rutherford .....Feb. 23, 1923
Feb. 24 1923—U C GROUNDS, Berkeley Regents of U C to J. E. O'Mara Co .....Feb. 9, 1923
Feb. 26, 1923—LOT 78 Sbdvn 32 Map Resbdvn Peralta Park, Oakland. Thomas W Firby to R Perrott... .....Feb. 24, 1923
Feb. 26, 1923—LOT 11 BLK 4, Map Melrose Heights, Oakland. Moss Feigenberg to whom it may concern.....Feb. 24, 1923
Feb. 26, 1923—PTN. 80 SW OF SW San Carlos Ave and NW 47th Ave NW 80 th st right angles 40, Oakland. Verner S Mentch to whom it may concern.....Feb. 24, 1923
Feb. 26, 1923—NO. 4059 EVERETT Ave., Oakland. Margaret C Dunn by R R Dunn to J W Monroe.... .....Feb. 24, 1923
Feb. 27, 1923—NE SIXTY-FIRST & Grove N 45xE 115, Oakland. Bertha Shelley to A J Yerrick..Feb. 26, 1923
Feb. 27, 1923—W VALLE VISTA AV 150 N Elwood Ave, Oakland. Wm G and Elsa L Pfundstein. A F and Rose M Tustegge to Ralph E Norris .....Feb. 21, 1923
Feb. 27, 1923—LOT 5 Map Winfield Place, Berkeley. Winifred Hellbron and Sarah and Rose Jacobson to whom it may concern..Feb. 20, '23
Feb. 27, 1923—NO. 4157 KANNING, Oakland. Talley & Talley to S A Warner.....Dec. 1, 1922
Feb. 27, 1923—NO. 1739 E-TWENTY-Fourth, Oakland. A W Potter to whom it may concern..Feb. 26, 1923
Feb. 28, 1923—SW E-TWENTY-first and NW 12th Ave NW 100x SW 40, Oakland. F H Lee and L L Dana to Floyd Perry..Feb. 27, 1923
Feb. 28, 1923—PTN LOTS 79 AND 80 Blk "D" Map Lakeshore Hills, Oakland. Eleanor and Harold Phillis to Chester A Gossett... .....Feb. 26, 1923
Feb. 28, 1923—W JEFFERSON 200 N Bancroft Way N 47½xW 130, Oakland. Alice F Felter to John E Bigelow.....Feb. 28, 1923
Feb. 28, 1923—S MONTANA 140 E Peralta Ave S 100xE 40, Oakland. Hugo H Grassel to Carl C Lassen .....Feb. 22, 1923
Mar. 1, 1923—LOT 31 BLK "A" Map Lakewood Park, Oakland. G W Muther to whom it may concern... .....Feb. 21, 1923
Mar. 1, 1923—W VALLE VISTA AVE 170 N Santa Clara Ave, Oakland. S Usevich to whom it may concern.. .....Feb. 28, 1923
Mar. 1, 1923—LOT 8 BLK 36, Fairmont Park Tract, Albany. W I Booth to whom it may concern... .....March 1, 1923
Mar. 1, 1923—(1) ENCINAL AVE, 8th St. to High St.; (2) Lincoln Ave, 5th St. to Park St.; (3) Webster Junction Crossing, Alameda. S. P. Co to Hutchinson Co...Feb. 24, 1923
Mar. 1, 1923—LOT 17 BLK 8, Highland Sbdvn Adams Point, Oakland. J Shoong to Geo W Anderson... .....Jan. 23, 1923
Mar. 1, 1923—NW DWIGHT WAY & Edwards, Berkeley. Annie W McMullen to whom it may concern. .....Feb. 27, 1923
Mar. 1, 1923—S SANTA CLARA AVE No. 2528, Alameda. Geo S Redding to Howard W Willford..Feb. 6, 1923
Feb. 1, 1923—S DWIGHT WAY 123.1 W California W 52xS 129, Berkeley. Joseph Motzer to whom it may concern.....Feb. 20, 1923
Mar. 1, 1923—PTN LOTS 26 AND 27 BLK I, Map East Piedmont Heights, Oakland. G W Muther to whom it may concern.Feb 23, '23
Mar. 1, 1923—N REDDING 270 W Maybelle Ave., Oakland. C B Henderson by C A Jackson to whom it may concern..Feb. 28, 1923
Feb. 28, 1923—LOTS 28 TO 36 inclu. Blk 1, Map Auzon's Moss Tract, Oakland. L Hazen to A J Anderson .....Feb. 26, 1923
Feb. 28, 1923—NW SANTA CLARA Ave 130 NW Mound NW 40 NE 105 Alameda. Julius J Grodem to Alameda. Julius J Groden to whom it may concern.....Feb. 28, 1923
Feb. 28, 1923—NE SANTA CLARA Ave 170 NW Mound NW 40xNE 105, Alameda. Julius J Grodem to whom it may concern...Feb. 28, 1923

LIENS FILED

ALAMEDA COUNTY

Recorded Accepted

Feb. 23, 1923—PTN LOT 14 BLK 2, Map Spalding Tract, Berkeley. Edw Bowman vs C L and Clara Feaenden $65
Feb. 23, 1923—N E-THIRTY-EIGHTH 50 W Division N 90xW 50, Oakland. Robert Howden & Sons vs J M Hogan, B G Ball & J K Khoumrain $26.42
Feb. 23, 1923—NW DIVISION AND E-38th N 90xW 50, Oakland. Robt Howden & Sons vs Grace Shoemaker and J M Hogan.....$26.43
Feb. 23, 1923—LOTS 12 AND 13 BLK 2, Map East Oakland Heights, Oakland. J F Kingrea vs Fred and Anna M Johnston.....$1153
Feb. 23, 1923—S ASHMOUNT AVE 90 W Mandana Blvd being No. 1107, Oakland. Inlaid Floor Co vs H J Samuels $300
Feb. 26, 1923—N E-THIRTY-EIGHTH 50 W Division N 90xW 50, Oakland. Duner-Matheny Sash & Door Co vs J M Hogan, B G Ball and J K Khoumrain $28.50
Feb. 26, 1923—NW COR E-THIRTY-eighth and Division N 90xW 50, Oakland. Duner-Matheny Sash & Door Co xs J M Hogan and Grace Shoemaker $28.50
Feb. 26, 1923—LOT 52 BLK 9, Map Steinway Terrace, Okd. Duner-Matheny Sash & Door Co vs J M Hogan and L M Bliler $65.35
Feb. 26, 1923—LOT 52 BLK 9, Map Steinway Terrace, Oakland. Robt Howden & Sons vs J M Hogan and L M Bliler $25.40
Feb. 26, 1923—LOT 32 BLK 3, Map Northbrae, Bkly. Duner-Matheny Sash & Door Co vs Henry M Hink and Gustaf Johansen $723.65
Feb. 27, 1923—NE THIRTY-FIFTH and West E 84xN 100½, Oakland. Duner-Matheny Sash & Door Co va Jos Hogan, B G Ball, Hugh and J P Balrd and Joseph K Khoumrian $214.30
Feb. 27, 1923—LOTS 29, AND 28 and N 15 Lot 27, E 10 Lot 30 Blk "I" Laurel Grove Park, Oakland. Melrose Lumber & Supply Co vs L E Merrill and Beach & Noble..$1543.82
Feb. 27, 1923—LOT 52 BLK 9, Map Steinway Terrace, Oakland. R P Dawes vs Louis M Bliler, B G Ball and J K Khoumrian $49.50
Feb. 27, 1923—LOTS 21 AND 22 BLK "M" Map 4th Ave. Terrace, Oakland R P Dawes vs B G Ball, J K Khoumrian and Grace Shoemaker $49.50
Feb. 27, 1923—NW COR. E-THIRTY-eighth and Division N 90xW 50, Oakland. E K Wood Lumber Co vs Jos Hogan, Jos K Khoumrain, H G Ball and Grace Shoemaker...$391.56
Feb. 28, 1923—LOTS 19, 20 AND 21 Blk 9, Freeman's Map, San Antonio, Oakland. Allendale Hardware Co vs Manuel J Proenca $29
Mar. 1, 1923—LOT 52 BLK 9, Map Steinway Terrace, Oakland. Wm M Murphy vs Jos Hogan and L M Bliler $108.66
Mar. 1, 1923—N E-THIRTY-EIGHTH 50 W Division W 50xN 90, Oakland. Wm M Murphy vs Jos Hogan, B G Ball and J K Khoumrian.....$108.66
Mar. 1, 1923—NW COR. E-THIRTY-eighth & Division N 90xW 50, Okd. Wm M Murphy vs Jos Hogan, and Grace Shoemaker.....$108.66

Notice of Non-Responsibility

ALAMEDA COUNTY

Feb. 24, 1923—LOT 25 & W ½ LOT 24 BLK 191 being 418 13th St. Richard Simon as to improvements on property .....
Feb. 26, 1923—SW HOPKINS 90 SW 35th Ave SE 40 SW to right-of-way of San Jose Short Line, Oakland. Alameda Investment Co as to improvements on property.....
Feb. 28, 1923—LOT 124 Map Resbdvn Blks A and B, Meek Estate Orchards, Eden Tp. H W Meek Est Inc as to improvements on property .....

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded Amount

Feb. 23, 1923—E COLLEGE AVE 68-8½ N Stuart St. N 50 E 47, Berkeley Erl H. Richardson to Robert Edgar Campbell & Home Const. Co.,...$225

Feb. 23, 1923—LOT 5 MAP VERNA Terrace Trace, Oakland. O. M. Bullock to Catherine Huber $361.45
Feb. 26, 1923—LOT 2 BLK "C" Map 1, Highland Terrace, Oakland. M G Kendall to Benjamin Katz et al $7477.64
Feb. 27, 1923—LOT 8 BLK "H" Map 4th Ave Terrace, Oakland. Dolan Wrecking Co to Joe Silva.....$295.90
Mar. 1, 1923—LOT 13 Map Foothill Blvd., Terrace, Oakland. P J Ulrey to Wm H Sims.....$22
Feb. 28, 1923—LOT 2 Ocheltree Subdivision, Berkeley. Contractors & Builders Supply Co to George A Williams et al.....$2085.32
Feb. 28, 1923—LOT 4, Ocheltree Subdivision, Berkeley. Contractora & Builders Supply Co to George A Williams et al $1476.25

BUILDING CONTRACTS

SAN MATEO COUNTY

BUNGALOW
LOT 11 BLK 10, Burlingame Tract, Burlingame. All work for bungalow and garage .
Owner—Edward and Elizabeth Madden, 1255 Vermont St., San Francisco.
Architect—None.
Contractor—L. H. Stevenson, 45 Worth St., San Francisco.
Filed, —, '23. Dated Feb. 19, '23.
Frame up $1125
Brown coated 1125
Completed 1125
Usual 35 days..... 1125
TOTAL COST, $4500
Bond, none. Limit, 90 working days. Forfeit, none. Plans and specifications filed.

BUNGALOW
LOT 3 BLK 4 Sub A, Wellsley Park, Redwood City. All work for one-story 6-room bungalow.
Owner—A. P. Hundevadt et al, Redwood Citty.
Architect—None.
Contractor—Harry C. Groom, Redwood City.
Filed Feb. 15, '23. Dated Jan. 24, '23.
Frame up $1354.75
Plastered 1354.75
Completed 1354.75
Usual 35 days..... 1354.75
TOTAL COST, $5419.00
Bond, $2750. Sureties, Emil Berndsten and W. H. Paflin. Limit, reasonable time. Forfeit, none. Plans and specifications filed.

BLACKBOARDS
REDWOOD CITY. Furnish slate and Hyloplate blackboarding for two-story high school building.
Owner—Sequoia Union High School District.
Architect—Werner & Coffey, Humboldt Bank Bldg., San Francisco.
Contractor—Stewart Sales Co., Rialto Bldg., San Francisco.
Filed Feb. 19, '23. Dated Jan. 15, '23.
Delivered $2000.00
Installed 1187.50
Usual 35 days..... 1062.50
TOTAL COST, $4250.00
Bond, $2125. Surety, Fidelity Deposit Co. Limit, 175 working days. Forfeit, $20. Plans and specifications filed.

BUNGALOW
LOT 12 BLK 10, Burlingame Tract. Burlingame. All work for bungalow and garage.
Owner—C. E. Layton, 4421 California St., San Francisco.
Architect—None.
Contractor—L. H. Stevenson, 45 Worth St., San Francisco.
Filed Feb. 20, '23. Dated Feb. 10, '23.
Frame up $1137.60
Brown coated 1137.60
When completed 1137.50
Usual 35 days..... 1137.60
TOTAL COST, $4550.00
Bond, limit, forfeit, none. Plans and specifications filed.

RESIDENCE
ATHERTON, NEAR MENLO PARK, SAN Mateo. All work for 2-story & basement residence.
Owner—E. C. La Montagne, Atherton, California.
Architect — Jas. L. Stewart, Claus Spreckels Bldg., S. F.
Contractor—John Morton, Balboa Bldg. San Francisco. TOTAL COST, $18,071
Filed Feb. 26, 1923. Dated Feb. 23, 1923.
2nd floor joists placed.....$2250.00
Frame boarded 2250.00
Brown coated 4500.00
Completed and accepted.... 4535.50
Usual 35 days 4535.50
Bonds, none; Sureties, none; Forfeit, none; Limit, 120 wk. days from Mar. 1 1923; Plans and specifications filed.

RESIDENCE
NE COR. HOPKINS & FULTON ST. Redwood Highlands. All work for 2-story residence.
Owner—Mrs. Mary A. Beeger, Redwood City.
Architect — Chas. E. Rogers, Phelan Bldg., San Francisco.
Contractor — H. W. Arnold, Redwood City.
Filed Feb. 20, 1923. Dated Feb. 19, 1923.
Framed $3217.50
Brown coated 3217.50
Plastered 3217.50
Completed and accepted 3208.50
Usual 35 days 4287.00
TOTAL COST, $17,148
Bond, none; Sureties, Z. T. Thorny, M. P. Gray; Forfeit, $10.00; Limit, 90 wk. days; Plans and specifications filed.

ACTIFIER
MONTGOMERY AND SAN AUGUSTINE Sts., San Jose, Cal. All labor and material for complete installation and to install completely all necessary blasting pipe for a 14-ft.x 25-6 actifier at San Jose gas plant.
Owner—Pacific Gas & Electric Co., San Francisco.
Architect—None.
Contractor—Rees Blow Pipe Mfg. Co., 340 7th St., San Francisco.
Filed Feb. 28, 1923. Dated Feb. 10, 1923.
As work progresses 75%
Usual 35 days 25%
TOTAL COST, $650
Bond —; Sureties, Maryland Casualty Co.; Forfeit, $325; Limit, 10 calendar days after notice to proceed; Plans and specifications filed.

DWELLING, $3500; 14th Ave. % Day Park, San Mateo; owner, A. Brown; contractor, A. Prain.
ADDITION, $1500; Lot 1 Blk 13 Griffith Ave., San Mateo; owner, John Sterlin; contractor, Jacob Ehrling, 1106 3rd San Mateo.
WAREHOUSE, $5000; San Mateo Drive & M Heights, San Mateo; owner, San Mateo Feed & Fuel Co., 840 San Mateo; contractor, S. A. Wisnom, A & 2nd, San Mateo.
DWELLING, 1-story, $6000; Lot 4 Blk 14 Hay Park, San Mateo; owner, Frank M. Niah; contractor, Hammer V. Hultberg, San Mateo.
DWELLING, 1-story, $6000; Lot 261 S M Park Midway Ave.; owner, Claire M. Wiel; contr., Hammer C. Hultberg, San Mateo.
DWELLING, 1-story, $11,000; Lot 191 San Mateo Park; owner, Russell Selfridge; architect, Julia Morgan, Merchants Exchange Bldg., S. F.; contractor, Cavanaugh Bros., San Mateo & 180 Jessie St., S. F.
BUNGALOW, $4200; Lot 13 Blk 8 Wiswim Sub-Dov., San Mateo; owner, Ben J. Bogeu; contractor, Ed Shaver.
DWELLING, 2-story, $9000; Lot 14 Poplar Ave S M Park, San Mateo; owner, Dr. W. Grant Bartlett, 323 Geary St., S. F.; contractor, M. Bartlett.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded Accepted
Feb. 19, 1923—W MISSION 97.65 ft. N Market, Colma. Francesco Alcese to B Milano & Son and C T Wengard.....Feb. 19, 1923
Feb 23, 1923—LOT 18 BLK 19, Easton No. 2, Burlingame. Emma W Covrot to J E Bale.....Nov. 8, 1922
Feb. 23, 1923—LOT 4 BLK 25, Easton No. 2, Burlingame. William N and Marie S Mullen to Herny L Mayer .....Feb. 19, 1923
Feb. 24, '23—ROVENSWOOD SCHOOL Site. Rovenswood Grammar School Dist. to Palo Alto Engineering & Const. Co. .....Feb. 17, 1923
Feb. 20, 1923—LOT 5 BLK 8 EASTon, Burlingame. J M Rutherdale to whom it may concern..Jan. 2, 1923
Feb 27, 1923—LOT 5 BLK 34 EASTON No. 2, Burlingame. W. H. Eddy to Wm. A. Rutherdale....Feb. 24, 1923
Feb. 27, 1923—LOTS 2 & 3 SUB 2 Hillsborough Hts. Hillsborough Cal Mary C. Hyman to Cavanaugh Bros. .....Feb. 10, 192
Feb. 28, 1923—LOT 30 BLK 30 EASton No. 2, Burlingame. Hedwig and W. E. Auger to Wm. and James Watson. .....Feb. 1, 1923
Feb. 28, 1923—LOTS 51-52-56, Polhemus Tract near Atherton. Suzane Perry to L. Drogarardi..... .....Feb. 13, 1923
Feb. 28, 1923—51-52-55-56 POLHEmus Tract near Atherton. Suzane Perry to Frisk & Swanson, % O. H. Frisk.....Feb. 20, 1923

BUILDING CONTRACTS

SANTA CLARA COUNTY

$1,000 and Over Reported

DWELLING
LOTS 3, 4, 10, 11 AND 12 BLK 110 Re-Sub and Re-Location Blks 68, 70, 85, F, G and H University Park, Town of Palo Alto. All work except roof tiling, heating and painting for two-story dwelling with garage.
Owner—Stanley Forbes, 436 Palo Alto Ave., Palo Alto.
Architect—John K. Branner, 251 Kearny St., San Francisco.
Contractor—Louis N. Pollard.
Filed Feb. 21, '23. Dated Feb. 9, '123.
Frame up, roof covered with paper $4814.50
Rough plastered, roof water-tight 4814.50
Completed and accepted..... 4814.50
Usual 35 days..... 4814.50
TOTAL COST, $19,258.00
Bond, $9630. Sureties, W. P. Gray and Z. T. Thorning. Limit, 100 working days. Forfeit, none. Plans and specifications filed.

COTTAGE
LOT 21 BLK 6 D DEVINE'S SURVEY No. 1. All work and material (excepting cement and concrete work and toilet and plumbing thereof on rear porch) for one-story five-room cottage.
Owner — Pietro Suglia and Pasqua Suglia, County of Santa Clara.
Architect—Chas. S. McKenzie, Bank of San Jose Bldg., San Jose.
Contractor—S. De Cola, County of Santa Clara.
Filed Feb. 23, 1923. Dated Feb. 21, 1923.
Lumber delivered on job.....$781.25
Frame up 781.25
Plastering on 781.25
Completion and occupance of building 781.25
TOTAL COST, $3125
Bond, none. Sureties, American Surety Co. of N. Y.; Forfeit, $1565; Limit, 10 weeks after commencement; Plans and specifications filed.

COTTAGE
LOT 26 WILLARD TRACT, San Jose. All work and material for four-room cottage.
Owner—Peter Falcone, San Jose.
Architect—Hastings Bros., Bank of San Jose Bldg., San Jose.
Contractor—Jeromie Garcia, 1052 S 1st St., San Jose.
Filed Feb. 23, 1923. Dated Feb. 21, 1923.
Payments—$2000 to be paid through San Jose Bldg. & Loan Assn. upon presentation to said assn. of certified bills for labor and material O K'd by contractor; $700 to be evidenced by note $700 to be evidenced by note secured by trust deed payable to Jerome Garcia on or before 3 years at 7% interest.
TOTAL COST, $2700
Bonds, none; Sureties, none; Forfeit, none; Limit, 60 working days; Plans and specifications, none.

HOUSE
NW CORNER SIERRA ST. & PARK Ave., in Sierra Tract. All work and material for 1-story frame house.
Owner—C. D. Shepard, San Jose.
Architect—Wolfe & Higgins, Auzerais Bldg., San Jose.
Contractor—Brown & Rucker, San Jose.
Filed Feb. 23, 1923. Dated Feb. 14, 1923.
Frame up $1325
1st coat plaster on 1325
Completed and accepted..... 1325
Usual 35 days 1325
TOTAL COST, $5300
Bond —; Sureties, W. F. Button and J. E. Russell; Forfeit, $2650; Limit, 75 working days; Plans and specifications filed.

COTTAGE
MARIPOSA ST Between Tillman and Race Sts., Hanchett Park, San Jose All work and material for 1-story frame cottage and garage.
Owner—Edna M. Wills, San Jose.
Architect—Wolfe & Higgins, Auzerais Bldg. San Jose
Contractor—W. O. Furtwrangler, San Jose.
Filed Feb. 23, 1923. Dated Feb. 20, 1923.
Frame up $1158.75
1st coat plaster on 1158.75
Completed and accepted..... 1158.75
Usual 35 days 1158.75
TOTAL COST, $4635
Bond, —, Sureties, Chas. A. Payne and Anthony Schutte; Forfeit, $2317.50; Limit, 75 working days; Plans and specifications filed.

COTTAGE
PART LOT 4 BLK 1 UNIVERSITY Grounds. All work and material for 1-story, stucco, mission style cottage.
Owner—J. Lester Miller, San Jose.
Architect—Herman Krause, Bank of San Jose Bldg., San Jose.
Contractor—C. V. Brown, 521 N 16th St., San Jose.
Filed Feb. 23, 1923. Dated Feb. 19, 1923.
Roughly enclosed $1330.50
Brown coat plaster on..... 1330.50
Completed and accepted..... 1330.50
Usual 35 days 1330.50
TOTAL COST, $5322
Bond—; Sureties, Frank R. Cox and M. L. Doane; Forfeit, 2661; Limit, 90 working days; Plans and specifications filed.

DWELLING
N ASBURY ST. 100 W OF W LINE OF First St., San Jose. All work for one-story frame dwelling.
Owner—A. B. Jamison, San Jose.
Architect — Hastings Bros., Bank of San Jose Bldg San Jose.
Contractor—George D. McCrary, San Jose.
Filed Feb. 16, '23. Dated Feb. 16, '23.
Frame up, plmbng roughed in.$968.75
Brown coated 968.75
When completed 968.75
Usual 35 days..... 968.75
TOTAL COST, $3875.00
Bond, $2000. Sureties, M. L. Doane and Wm. H. O'Neil. Limit, forfeit, none. Plans and specifications filed.

DWELLING
PART OF LOT 3 BLOCK 2 S R 1 W Town of Santa Clara, Cal.
All work and material for 3-room and bath frame dwelling.
Owner—Amelie F. Dowling and John Dowling, Santa Clara.
Architect—None.
Contractor—S. C. Evans and D. H. Main
Filed Feb. 23, 1923. Dated Feb. 20, 1923.
Frame up $699.33
Plastering completed 699.33
Usual 35 days 699.33
TOTAL COST, $2098
Bond, none, Sureties, nons; Forfeit, none; Limit, 60 working days; Plans and specifications filed.

COTTAGE, 4-room, $1975; San Fernando near 33rd; owner, W. B. Reese, 93 N. 33rd, San Jose.
COTTAGE, 5-room, $2500; 11th near Virginia, San Jose; owner, G. W. Williamson, 371 No. 11th St., San Jose.
COTTAGE, 3-room, $1550; 17th & Julian San Jose, owner, Mrs. Hart; architect, Odell & Wilson.
COTTAGE, 5-room, $3200; 9th nr Washington, San Jose, owner, Pietro Sagitti, architect, Chas. McKenzie, Bank of San Jose, San Jose; contractor, S. De Cola.
APT HOUSE, 2-story, $11,900; 4th near San Carlos, San Jose; owner, L. T. Smith, 353 So. 4th St., San Jose; architect, H. C. Jorgensen, 160 Irving, San Jose; contractor, Jorgensen & Thorny, 160 Irving, San Jose.
COTTAGE, 5-room, ..1250; Hull, near Delmas, San Jose; owner, Lucille Phillips.
APT. HOUSE, 2-story, $20,365; S 10th & Elizabeth, San Jose; owner M. De Sando, 448 E Sta. Clara, San Jose; architect, Wolfe & Higgins, Auzerais Bldg., San Jose; contractor, Ford & Thomburg.
APT. HOUSE, 2-story, $8800; San Carlos near 7th, San Jose; owner, Jas. Owen; architect and contractor, Lewis & Nelson.
COTTAGE, 5-room, $3000; 9th near Keyes, San Jose; owner, Mrs. W. Hatch.
BUS BLDG., concrete, $4250; Sta. Clara near 5th, San Jose; owner, G. B. Hall, 134 E Sta. Clara, San Jose; architect, Wolfe & Higgins, Auzerais Bldg., San Jose; contractor, J. A. Nordeen, Olive and Topeka, San Jose.
ALTER FRONT, $5000; Sta. Clara and River, San Jose; owner, J. R. Phelps, 245 Alameda, San Jose.
COTTAGE, 5-room, $3250; 16th near Empire, San Jose; owner, C. Strange, 144 Coe, San Jose; architect, A. Willmott, 36 No. Lincoln, San Jose; contractor, A. K. Burket, 45 Sierra Ave., San Jose.
COTTAGE, 3-room, $1000; Palm and Humboldt, San Jose; owner, Car Sanfilippo, 1321 Vine, San Jose.
COTTAGE, 5-room, $...; 9th & Virginia. San Jose; owner, E. McQuaid.
ALTER FRONT, $1585; First & Julian, San Jose; owner, Chas. Mise, San Jose; architect, Wolfe & Higgins, Auzerais Bldg., San Jose; contractor, J. Thorp, 45 Auzerais Bldg., San Jose.
STORE & RES., comb., $3750; 9th and Martha, San Jose; owner, J. Mullaly.
COTTAGE, $3500; Humboldt and Sherman Sts., San Jose; owner, J. Bonascona.
ALTERATIONS, $1400; Bassett St. near First, San Jose; owner, Bohemian Restaurant, 90 Bassett St., San Jose; architect, Herman Krause, Bank of San Jose Bldg., San Jose; contractor, Megna & Newell, 866 N-17th St., San Jose.
COTTAGE, five-room, $3875; Asbury St. near First St., San Jose; owner, A. B. Jamison; contractor, Geo. D. McCrary.
COTTAGE, $3400; No. 14 N-Washington St., San Jose; owner, P. Sherburne, 375 N-11th St., San Jose.
COTTAGE, 4-room, $2250; Vine St. near Colfax, San Jose; owner, L. S. Briabin.
COTTAGE 4-room, $4825; S-First St. opp. Hollywood, San Jose; owner, Anna Bevens, 161 Willow St., San Jose.
architect, W. Regel, 428 Atlanta St., San Jose.
COMBINATION store and restaurant, $6000; St. James and 16th Sts., San Jose; owner, Jos. Granello; contractor, Jerome Garcia, 1052 S-1st St., San Jose.
THREE cottages, 4-room, $2500 0each; Balbach and Locust Sts., San Jose; owner, Jerome Garcia, 1052 S-1st St., San Jose.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Accepted
Feb. 14, 1923—PTN LOT 3 BLK 30, Nagles Park Tract, San Jose. Louis Orlando to Vincent Maggio.....Feb. 13, 1923
Feb. 15, 1923—S 40 FT. LOT 18, Orchard Park Sub., San Jose. Victor Ekstrom to whom it may concern.....Feb. 15, 1923
Feb. 15, 1923—PTN LOTS 1 AND 2 Bishop Sub. of Divine Survey. Sarah A Jameson to John A Wagner.....Jan. 22, 1923
Feb. 15, 1923—LOT 50x190 BLK 18, Palo Alto, facing Hawthorne Ave 200 feet from Bryant St. S O Sole to Wells P Goodenough.Feb. 12, 1923
Feb. 16, 1923—LOT 6 BLK 2 Range 1 E. Houghton Survey of Town of Mt. View. C H Segur to C Lindholm.....Feb. 15, 1923
Feb. 16, 1923—LOT 6 BLK 2 Range 1, E. Houghton Survey of Town of Mt. View. S McCormick to C Lindholm.....Feb. 15, 1923
Feb. 17, 1923—LOT 14 BLK 22, Montgomery & Rea's Sub of Blks 22 and 21, Cook & Branham's Addition to San Jose. Earl J Ballantyne to P Sherbourne.....Feb. 16, 1923
Feb. 17, 1923—PTN BLK 83, City of Palo Alto. Levi F Misenhimer to Santa Clara Valley Bldg. Co.....Feb. 17, 1923
Feb. 17, 1923—PTN LAS ANIMAS Rancho, Sub. Lot 38, Gilroy. W S Dow to whom it may concern.....Feb. 16, 1923
Feb. 19, 1923—SE WEBSTER AND Lytton Ave., San Jose. C P Cooley to whom it may concern.Feb. 19, 1923
Feb. 19, 1923—PTN BLK 4, South R 1, E Town of Santa Clara. M G Shiele to B J Smith and R E Ford.....Feb. 10, 1923
Feb. 20, 1923—LOT 16 BLK 31, Seale Addition No. 3 to Town of Palo Alto. John A Broadwood to whom it may concern.....Feb. 15, 1923
Feb. 20, 1923—PTN LOTS 24, 25 AND 26 Blk 2, Chapman and Davis Tct., San Jose. Jack Todd to whom it may concern.....Feb. 20, 1923
Feb. 20, 1923—LOT 15 Newhall and Cottrell Sub of Blk 3 of Reed's Addition to San Jose. Louis M Lunsford to Ed Delmastro....Jan. 8, 1923
Feb. 21, 1923—LOT 58 V. A. Hancock Sub. No. 1, San Jose. R S Purdy to whom it may concern..Feb. 19, 1923
Feb. 21, 1923—LOT A and So 9 Lot B Blk 1, Palm Haven. Mrs H E Mrs H B Moore to E E Arnott.....Feb. 10, 1923
Feb. 21, 1923—FOREST COURT EXtension near Ashby St., Palo Alto. Elizabeth D Hyde to Frank E Calne .....Feb. 10, 1923
Feb. 23, 1923—LOT 15 BLK 4, Alameda Park, San Jose. Joseph Francis to Hastings Bros.....Feb. 23, 1923
Feb. 23, 1923—S ½ OF LOT 19, Cherry hurst Tract, San Jose. F Harold Vining to whom it may concern.....Feb. 23, 1923
Feb. 23, 1923—THIRD AND CHURCH Sts., Gilroy. Richard Soward to whom it may concern..Feb. 21, 1923
Feb. 24, 1923—LOT 4 OF F. C. Bethell Sub., San Jose. W A Wellington to F W Brown.....Feb. 23, 1923
Feb. 24, 1923—LOT 6 BLK 32 University Grounds, San Jose. Alexander York to whom it may concern.....Feb. 24, 1923
Feb. 24, 1923—LOT 3 BLK 12, Hanchett Residence Park, San Jose. Morris Atlas to C Rasmussen.....Feb. 24, 1923

LIENS FILED

SANTA CLARA COUNTY

Recorded Amount
Feb. 20, 1923—LOT 20 Catherine Dunne Ranch Map No. 5. Geo B Peart vs W C Polar and Sarah Polar $102.85

RELEASE OF LIENS

SANTA CLARA COUNTY

Recorded Amount
Feb. 19, 1923—LOT 18 Schiele Sub. (No. 131 Schiele Ave.), San Jose. G Ellis Nichols to E W and Susan E Stout $257

BUILDING CONTRACTS

FRESNO COUNTY.

$5,000 and Over Reported

DWELLING, $6800; No. 625 Yale Ave., Fresno; owner, W. H. Henderson, 260 Forthcamp St., Fresno; contractor, C. E. Millhollen, 2639 Madison St., Fresno.
GARAGE, $23,000; No. 1719 Van Ness Ave., Fresno; owner, Cora T. McCord, 1719 Van Ness Rve., Fresno; contractor, Trewhitt & Shields, Rowell Bldg., Fresno.

COMPLETION NOTICES

FRESNO COUNTY

Recorded Accepted
Feb. 21, 1923—LOTS 5 AND 6 BLK 8, Oakwood No. 2, Fresno. G B Wood to whom it may concern.....Feb. 19, 1923

Feb. 21, 1923—W 67.5 OF N 100 OF Lot 1, Northern Heights, Fresno. S F Lewis et ux to whom it may concern .....Feb. 19, 1923
Feb. 21, 1923—W ¼ OF NW ¼ OF SE ¼ of Sec 1 14-20, Fresno. Marius Madsen to whom it may concern .....Feb. 17 1923
Feb. 21, 1923—LOT 34 N 20 LOT 33 Blk 4, Altamont Addition, Fresno. Agnes J Walker to whom it may concern.....Feb. 19, 1923
Feb. 23, 1923—N 2/5 LOT 15, Fresno Heights Homestead Tract, Fresno. Bert Garwood to whom it may concern.....Feb. 16, 1923
Feb. 23, 1923—LOTS 13 AND 14 E ½ Lot 15, College Addition, Fresno. Mamie E Donley to whom it may concern.....Feb. 21, 1923
Feb. 23, 1923—LOTS 13 AND 14 BLK 10, San Joaquin. San Joaquin Valley Farm Lands Co to whom it may concern.....Jan. 2, 1923
Feb. 24, 1923—LOT 22 Bullard North Fresno Addition, Fresno. Chas M McAllister to whom it may concern.....Feb. 19, 1923
Feb. 24, 1923—LOTS 23 AND 24 BLK 14, Roeding Addition, Fresno. Mae M Francis to whom it may concern .....Feb. 23, 1923
Feb. 24, 1923—PTN LOT 27 Berryhill Tract Fresno. Wm H Wymgear to whom it may concern..Feb. 23, 1923
Feb. 26, 1923—LOTS 9 AND 10 BLK 8, Oakwood No. 2, Fresno. G B Wood to whom it may concern.. .....Feb. 19, 1923
Feb. 27, 1923—LOTS 17 AND 18, Roselawn Addition, Fresno. Berton & Wolff to whom it may concern.....Feb. 19, 1923
Feb. 27, 1923—N 52 FT. LOTS 9 TO 13 Blk 7, Blackstone Park, Fresno. Harry Sargavak to whom it may concern.....Feb. 26, 1923
Feb. 27, 1923—LOTS 42 AND 43 BLK 12, Roeding Addition, Fresno. Fred Gross to whom it may concern... .....Feb. 6, 1923
Feb. 27, 1923—LOTS 26 TO 32 BLK 82, Fresno. Fresno Bldg & Invst Co to whom it may concern... .....Feb. 23, 1923
Feb. 27, 1923—LOTS 38 AND 39 BLK 2, Maywood. W B Watson to A F Lambert.....Feb. 27, 1923
Feb. 27, 1923—S 50 FT. LOTS 17 to 20, E, F, Blk 78, Reedley. Wm P Taylor to whom it may concern.. .....Feb. 17, 1923

LIENS FILED

FRESNO COUNTY

Recorded Amount

Feb. 21, 1923—E 10 FT. LOT 6, Lot 7, W 20 ft. Lot 8 Blk 6, College Addition, Fresno. C S Pierce Lumber Co vs E Schary and Louis C Levy $222
Feb. 21, 1923—LOTS 9, 10, 15, 16 BLK 364, Fresno. L Rosenberg vs Geo W Ayres et ux $67
Feb. 21, 1923—LOT 3 BLK 11, Alta Vista Tract, Fresno. Sunset Lumber Co vs W D McLean.....$80
Feb. 23, 1923—LOTS 26, 27 AND 28 Blk 84, Fresno. Kutner Goldstein Co vs San Joaquin Abstract Co and Valley Constr Co.....$16
Feb. 24, 1923—S 40 FT. LOT 27, Berryhill Tract, Fresno. Midstate Pipe & Supply Co vs Arthur E Gann $186
Feb. 24, 1923—S 40 FT. LOT 27, Berryhill Tract, Fresno. W W Electric Shop vs Arthur E Gann $65
Feb. 24, 1923—S 40 FT. LOT 27, Berryhill Tract, Fresno. Barrett Hicks Co vs Arthur E Gann.....$73
Feb. 24, 1923—LOTS 39 AND 40 BLK 25, Sierra Vista Addition, Fresno. L Rosenberg vs J R and Bonnie M Proctor $485
Feb. 24, 1923—S 40 FT. LOT 27, Berryhill Tract, Fresno. T O Paint Store vs Arthur E Gann.....$179
Feb. 26, 1923—LOTS 21 AND 22 BLK 6, Roeding Addition, Fresno. G B Phillips vs T B Bettencourt....$150
Feb. 28, 1923—S 40 FT. LOT 27 Berryhill Tract, Fresno. H T Swineon and A H Higgins vs A E Gann $93
Feb. 28, 1923—LOT 100 N 15 FT. Lot 99, North Park, Fresno. Fresno Electric Co vs Mary Strupp....$100
Feb. 28, 1923—LOT 100 N 15 FT. Lot 99, North Park, Fresno. Routt Lumber Co vs Mary Strupp.....$568
Feb. 27, 1923—LOTS 1 AND 2 BLK 9, College Park, Fresno. A R Marsh vs Herman Jauss.....$156
Feb. 27, 1923—S 40 FT. LOT 27, Berryhill Tract, Fresno. Sunset Lumber Co vs A E Gann.....$835
Feb. 27, 1923—S 40 FT. LOT 27, Berryhill Tract, Fresno. Frank Faust vs A E Gann.....$198
Feb. 27, 1923—S 40 FT. LOT 27, Berryhill Tract, Fresno. Arms & Gaskill Sales Co vs A E Gann....$20

BUILDING CONTRACTS

SACRAMENTO COUNTY

$2,500 and Over Reported

DWELLING one-story 8-room and garage, $7100; No. 610 27th St., Sacramento; owner, J. Noona, 1120 20th St., Sacramento; contractor, C Vanina, 2022 M St., Sacramento.
FACTORY one-story brick, $5000; No. 316 16th St., Sacramento; owner, R. G Young; contractor, L. A. Roy, 3737 7st Ave., Sacramento.
DWELLING, two-story 8-room and garage, $7000; No. 1109 37th St., Sacramento; owner, O. A. Close, 1214 H St., Sacramento; contractor, J. G. Taylor, Motor B Box 60, Sacto.
BRICK addition, $3000; No. 1521 S St., Sacramento; owner, Palm Iron Works, 1815 15th St, Sacramento; contractor, Herndon & Finnigan, 1814 17th St., Sacramento.
DWELLING, one-story 5-room, $3500; No. 5009 J St., Sacramento; owner, M. Soetich, 4833 V St., Sacto.
EXCAVATING and grading, $3550; 40th and J Sts, Sacramento; owner, Sisters of Mercy of Sacramento; contractor, W. C. Keating; dated, Feb. 23, 1923.
DWELLING, one-story 5-room and garage, $3200; No. 1915 25th St., Sacramento; owner, E. Dundas, 623 9th St., Sacramento; contractor, W. A. McNairn, 1615 25th St., Sacto.
STORES and hospital, two-story brick, $21000; Lot 1, N and O, 4th and 5th Sts., Sacramento; owner, Ideal Bros. Corp., 1210 3rd St., Sacramento; contractor, Barton & Kopp, 619 J St., Sacramento.
DWELLING, one-story 4-room, $2500; No. 4508 13th St., Sacramento; owner, W. E. Trainor, 813 J St., Sacramento.
SERVICE station, steel and concrete, $2500; No. 2835 Franklin Blvd., Sacramento; owner, Wm. Laine, 2839 Franklin Blvd., Sacramento; contractor, Standard Oil Co.
DWELLING, one-story 5-room and garage, $4200; No. 4875 T St., Sacramento; owner, Leonore Attama, 53d and R Sts., Sacramento; contractor, J. M. Morrill, 5217 J St., Sacto.
DWELLING, one-story 6-room and garage, $5200; No. 2724 6th Ave., Sacramento; owner, J. C. Carly Co., 823 J St., Sacramento; contractor, South Curtis Oaks Co., 2711 Curtis St., Sacramento.
DWELLING, one-story 5-room, $3500; No. 416 27th St., Sacramento; owner, P. H. Hanratty, 2721 F St., Sacramento; contractor, J. T. Hunt, 2781 6th Ave., Sacramento.

PIERCE-BOSQUIT
Abstract & Title Co.
Capital Stock $100,000
Sacramento, Placerville, Nevada City, Reno
SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

DWELLING, one-story 6-room and garage, $4800; No. 2701 6th Ave., Sacramento; owner, J. C. Carly Co., 823 J St., Sacramento; contractor, South Curtis Oaks Co., 2711 Curtis St., Sacramento.
DWELLING, one-story 5-room and garage, $4000; No. 3117 O St., Sacramento; owner, J. C. Carly Co., 823 J St., Sacramento; contractor, South Curtis Oaks Co., 2711 Curtis St., Sacramento.
DWELLING, one-story 6-room and garage, $4500; No. 3171 O St., Sacramento; owner, J. C. Carly Co., 823 J St., Sacramento; contractor, So. Curtis Oaks Co.; 2711 Curits St., Sacramento.
DWELLING, one-story 5-room and garage, $3500; No. 3160 O St., Sacramento; owner, J. C. Carly Co., 823 J St., Sacramento; contractor, So. Curtis Oaks Co.; 2711 Curtis St., Sacramento.
DWELLING, one-story 5-room and garage, $3500; No. 3159 O St., Sacramento; owner, J. C. Carly Co., 823 J St., Sacramento; contractor, So. Curtis Oaks Co., 2711 Curtis St., Sacramento.
DWELLING, one-story 5-room and garage, $3500; No. 3165 O St., Sacramento; owner, J. C. Carly Co., 823 J St., Sacramento; contractor, So. Curtis Oaks Co., 2711 Curtis St., Sacramento.
DWELLING, one-story 6-room and garage, $4000; No. 3159 O St., Sacramento; owner, J. C. Carly Co., 823 J St., Sacramento; contractor, So. Curtis Oaks Co.; 2711 Curtis St., Sacramento.
DWELLING, one-story 5-room and garage, $3300; No. 3153 O St., Sacramento; owner, J. C. Carly Co., 823 J St., Sacramento; contractor, So. Curtis Oaks Co.; 2711 Curtis St., Sacramento.
DWELLING, one-story 6-room and garage, $4200; No. 3178 O St., Sacramento; owner, J. C. Carly Co., 823 J St., Sacramento; contractor, So. Curtis Oaks Co., 271 Curtis St., Sacramento.
DWELLING, one-story 5-room and garage, $4200; No. 3172 O St., Sacramento; owner, J. C. Carly Co., 823 J St., Sacramento; contractor, So. Curtis Oaks Co., 271 Curtis St., Sacramento.
DWELLING, one-story 6-room and garage, $4200; No. 3166 O St., Sacramento; owner, J. C. Carly Co., 823 J St., Sacramento; contractor, So. Curtis Oaks Co., 271 Curtis St., Sacramento.
DWELLING, 1-story 5-room, and garage, $3350; 2310 12th, Sacramento; owner, H. T. McGavren, Oakland; contractor, F. P. Williams, 4440 San Benito Way, Sacramento.
DWELLING, 1-story 5-room, and garage, $3350; 1224 X St., Sacramento; owner, H. T. McGavren, Oakland; contractor, F. P. Williams, 4440 San Benito Way, Sacramento.
ADDITION, $4400; 2416 P, Sacramento; owner, P. Stanich, 9th & M, Sacramento; contractor, C. Vanina, 2022 M, Sacramento.
DWELLING, 1-story 5-room, and garage, $4500; 1036 47th, Sacramento; owner, C. V. Snider, 816 20th, Sacramento.
FLATS, 2-story 4-room, $12,000; 2711 I St., Sacramento; owner, Mrs. Marie Lewis, 316 28th, Sacramento; contractor, G. E. Harvie, 2212 T, Sacramento.
FLATS, 2-story 4-room, $11,000; 811 O, Sacramento; owner, M. Wiseman, 817 O, Sacramento; contractor G. E. Harvie.
DWELLING, 1-story 5-room, and garage, $2700; Lot 19 Rose Ave. Tract, Sacramento; owner, M. C. Jackson, 3931 43rd, Sacramento; contractor, P. Lopez, 3910 8th Ave., Sacramento.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recordede Accepted

Feb. 20, 1923—SE ¼ SEC 27 T 8 N R S E So Sac. Gardens, Elder Creek School District, Sacramento. Elder Creek School District to whom it may concern.....Feb. 14, 1923
Feb. 28, 1923—E ½ LOT 6 O P 8-9. Mary Duffy to whom it may concern .....Dec. 16, 1922

LIENS FILED

SACRAMENTO COUNTY.

Recorded Amount

Feb. 26, 1923—S 150 FT. OF W ½ Lot "J", McIntyre Tract, Sacramento. Frank Maloney vs Richard J H Dowell $77.80

Feb. 26, 1923—LOT 156 and W 16 ft. Lot 157, West Curtis Oaks Addition, Sacramento. Chas Peterson vs W J and Margaret Gough.$3665.23

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

$2,500 and Over Reported

RESIDENCES, 2, $2500 each; 3113 and 3103 North Sutter St., Stockton; owner, C. F. Barnsart.

RESIDENCE, $6300; 1065 Vernal Way, Stockton; owner, C. Russell Abbott, 1020 West Vine St., Stockton.

RESIDENCE, $2500; 134 West Cleveland Stockton; owner, J. C. Marciano, 145 Wyandotte, Stockton.

RESIDENCES, 20, $5000 to $7500; 130, 145, 135, 139, 125, 155, 30, 20, 10, 6 W-Adams; 4, 12, 22, 32, 38 East Adams; 620 S-Regent 410 N-Central 420 S-Tuxedo and 1120 N-Pershing; Stockton; owner, Sterling Bldg. Co. 21 So. San Joaquin, Stockton.

RESIDENCE, $4000; 828 West Rose, Stockton; owner, E. E. Thompson.

ACTIVATED sewage disposal plant, $8700; City Sewer Farm, Lodi; owner, City of Lodi; contractor, Davis-Heller-Pearce Co., Delta Bldg., Stockton; dated, Feb. 20, 1923; limit, July 1, 1923.

RESIDENCE, $2500; No. 1555 W-Flora St., Stockton; owner, J. E. Johnson, Stockton.

RESIDENCE, $4650; No. 1248 N-Edison St., Stockton; owner, V. Leonardini 643 W-Poplar St., Stockton.

BUILDING, $45,000; No. 35 S-Commercial St., Stockton; owner, Cohn & Corren, 48 S-Eldorado St., Stockton

STORE, $3900; No. 2815 N-California St., Stockton; owner, D. F. Norton.

TWO residences, $3000 each; No. 641-645 N-Argonaut St., Stockton; owner, — Willard.

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded Accepted

Feb. 23, 1923—VICTORY SCHOOL. Board of Education to O H Chain .....Feb. 17, 1923

Feb. 27, 1923—E PLEASANT AVE, intersect Walnut St., Lodi. School building. Archbishop Edward J Hanna, S. F. to Jos Chirhart..... .....Feb. 14, 1923

Feb. 24, 1923—LOT 13 BLK 6, Tracy. F E Southwick to Harvey H Braunton.....Feb. 20, 1923

Feb. 24, 1923—LOTS 9 AND 10 BLK 3, Kern Addition, Escalon. Frank Randohr and wife to whom it may concern.....Feb. 21, 1923

LIENS FILED

SAN JOAQUIN COUNTY

Recorded Amount

Feb. 23, 1923—LOT 14 BLK 34, East of Center St., Stockton. Walter E Zerweck vs Marrie Tabacco and L P Armanino $500

Recorded Amount

Feb. 24, 1923—E 71.3 ACRES OF NW ¼ of Sec. 24, T 1 S R 7 W, French Camp Road, Stockton. Home Lumber Co vs Tony D Luiz and Geo Beck.....$121.71

BUILDING CONTRACTS

CONTRA COSTA COUNTY

FLATS, (4), 2-story frame, $10,000; N Ripley, bet. 7th & 8th, Richmond; owner, Elizabeth Johns, 668 3rd St., Richmond; contractor, E. A. F. Carson, 642 4th Richmond.

DWELLING, 1-story frame, $3200; W 40th bet. Clinton & Solano, Richmond; owner, J. A. Garroute, 11th & Chanslor, Richmond; contractor, N. E. Anderson, 2030 Roosevelt, Richmond.

FLATS (4), 2-story frame, $10,000; W 10th bet. Barrett & Ripley, Richmond; owner, H. D. Lane, 531 10th St., Richmond; contractor, Carl Overaa, 2103 Roosevelt, Richmond.

DWELLING, one-story frame, $3000; W 40th Bet. Barrett and Roosevelt Sts., Richmond; owner, E. R. O'Leary, Oakland; contractor, R. Norlin, 2016 84th Ave., Oakland.

DWELLING, one-story frame, $2300; S Hillside bet. Eddy and Contra Costa, Richmond; owner, Chas. Farren, Sacramento; contractor, W. Snelgrove, 160 18th St., Richmond.

S. F. LUMBER FIRM LOSES FEDERAL SUIT

A company furnishing lumber to the government under a contract cannot charge the government the market price of such lumber at the time of delivery upon the order of the government of a quantity in excess of that called for in the contract, the Supreme Court held in a case brought by the Charles Nelson Company of San Francisco.

The company had a contract for supplying a stipulated quantity of Douglas fir, which it furnished through its subsidiaries, the Crown Lumber Company of Mukilteo, Wash., and the Puget Sound Mills and Timber Company at Port Angeles, Wash.

Contending that it was required by the government to furnish a quantity in excess of that covered by its contract, the company sought to obtain, through the Court of Claims, payment for such excess at prevailing market prices. The court held, however, that it was entitled to recover only the contract price.

JANUARY BUILDING IN WESTERN CITIES REPORTED

Following figures, showing the January, 1923, building activities in western cities, are compiled by S. W. Straus Company:

Alameda, Calif.	$ 78,009
Berkeley, Calif.	494,437
Boise, Idaho	34,975
Everett, Wash.	59,188
Fresno, Calif.	1,192,187
Long Beach, Calif.	1,383,026
Los Angeles, Calif.	11,258,517
Oakland, Calif.	1,852,438
Ogden, Utah	82,275
Pasadena, Calif.	772,483
Portland, Ore.	1,537,450
Sacramento, Calif.	451,554
Salt Lake City, Utah	202,325
San Diego, Calif.	532,150
San Francisco, Calif.	3,205,811
San Jose, Calif.	225,195
Seattle, Wash.	1,045,968
Spokane, Wash.	122,570
Stockton, Calif.	183,620
Tacoma, Wash.	1,499,404
Tucson, Ariz.	55,675
Total	$26,269,257

E. K. WOOD LUMBER COMPANY TO BUILD NEW MILL

According to word from Anacortes, Wash., the E. K. Wood Lumber Co., through its president, Fred J. Wood, announces that construction on its Burrows Bay mill will begin March 1. The mill will be a cargo plant solely, and the Lagoon will be made headquarters for the Wood fleet of lumber carriers. The mill will have a cutting capacity of 3,000,000 feet per 8 hour shift and will employ some 300 men and add 1,000 to the population of the city. The Wood company bought the site of the mill which includes a lagoon for log storage in 1912. It consists of some 1,200 acres.

BRITISH COLUMBIA LUMBER BUSINESS IS BRISK

The lumber industry of British Columbia continues active. A prosperous year is anticipated for 1923, and arrangements are being made to increase production to meet the demand. Prices are firm, showing a tendency to increase. Preparations for purchases of large volume in the spring are already manifested in this market, and buying during December for delivery in February, March and April has been brisk. Practically all lumber the mills can produce, suitable for the Atlantic coast trade, has been absorbed by the operators in this market. No. 1 common boards have brought $21. Other grades and specifications have been furnished the Japanese market at comparatively low prices.

Larsen Construction Reports

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Publication Office
560 Mission Street

SAN FRANCISCO, CALIF., MARCH 10, 1923

Published Every Saturday
Twenty-third Year No. 10

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210 American National Bank Building

Permanence
Economy

Wall

Appearance
Comfort

Warehouses
San Francisco Oakland

Board

For Sale by all Lumber and Building Material Dealers

Remixes Concrete

When materials have passed through mixing process once, and come to discharging side of the drum, the reversed discharge chute sprays them back to the charging side for repeated trips through the 5-action, remixing process. This spraying-showering action, at the same time prevents separation of aggregate according to size. To the last shovelful of every batch, Koehring-mixed concrete is uniform, re-mixed concrete—***dominant strength concrete***—and to every last casting and bearing, the Koehring is the heavy duty mixer of trouble-proof, long service life.

Capacities

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Pavers: 7, 10, 14, 21, 32 cu. ft. mixed concrete. Write for Catalog P 000.

Dandie: Light mixer, 4 and 7 cu. ft. mixed concrete; power charging skip, or low charging platform. Light duty hoist. Write for Catalog D 000.

KOEHRING COMPANY
MILWAUKEE WISCONSIN

(1) Blade cuts through materials with churning action. (2) Blade carries materials up, spilling down again against motion of drum. (3) Materials hurled across diameter of drum. (4) Materials elevated to drum top and cascaded down to reversed discharge chute which (5), with scattering, spraying action, showers materials back to charging side for repeated trips through mixing process.

"SOMETHING NEW"---Dandie Mixers In Stock With Rubber Tired Wheels.

HARRON RICKARD & McCONE

San Francisco Los Angeles

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday SAN FRANCISCO, CALIF., MARCH 10, 1923 Twenty-third Year No. 10

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Devoted to the Engineering, Architectural, Building and Industrial Activities of the Pacific Coast.

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Richmond Builders' Exchange
Stockton Builders' Exchange
Fresno Builders' Exchange
Vallejo Builders' Exchange

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ACTION OF OILS ON CONCRETE

Floors and walls of various buildings used by the oil industry are subjected, to a great extent, to action of mineral oils because of leakage. The most important consideration in such concrete, according to a committee report presented at the recent convention of the American Concrete Institute is to use a thoroughly mixed and well-worked concrete. It is found that with a 1:2:4 mix, using portland cement, clean river sand, and a coarse aggregate of gravel or crushed stone not exceeding 1½-in. in maximum size, thoroughly mixed and well trowelled, the oil has very little, if any, affect on the concrete. In cases where deterioration has occurred this has been so slight as to be practically negligible and not requiring repairs.

In some instances a finish coat of 1 to 1 and 1 to 2 cement and sand has been used, and it is found that there is a tendency for the oil to gradually work through this finish coat and destroy the bond between it and the concrete.

Concrete oil tank conatruction to date has been rather limited in scope, but indications are that for heavy crude and fuel oil tankage there is little if any deterioration of the concrete, and seepage of oil is extremely small. For the various grades of refined oil deterioration is not serious, but seepage is much more rapid than in the case of heavy oils. A number of commercial compounds are available on the market for coating the interior of such tanks, and these have been used with more or less success.

RED RIVER LUMBER COMPANY SELLS WATER RIGHTS

One of the largest deeds ever filed in Shasta County was recorded in the sale of the all Red River Lumber Company water rights on Hat Creek, Fall River and on Pit River from the mouth of Fall River to Big Bend, forty miles below, to the Mt. Shasta Power Company, the construction branch of the Pacific Gas & Electric Company. The cash consideration was $2,830,000.

Two deeds were filed, one for $2,500,000 and the other for $330,000..

Included in the transaction were power houses known as Hat Creek No. 1 and Hat Creek No. 2, which were turned over to the Red River Lumber Company. They were immediately leased, however, to the Mt. Shasta Power Company in return for 3500 horsepower, delivered to the Red River Lumber Company as it may be required.

FREIGHT RATE REDUCTIONS

Freight rate reductions ranging as high as 35 per cent will be made from eastern points to Pacific Coast points, according to Southern Pacific announcement, as follows:

Unglazed steel sash, minimum carload 40,000 pounds, will be reduced to $1.92 from New York and $1.60 from Chicago with proportionate reductions from other points. The new rate on powdered glass will be $1.11 per 100 pounds from New York to California points, 97 cents from Pittsburg and 90 cents from Cincinnati. The carload rate on acetate of lime will also be reduced to $1.65 from New York and $1.06 from Colorado points with proportionate reductions from intermediate points.

The effective date of the reduced rates will be announced as soon as the tariffs can be published.

P. G. & E. TO BUILD SAN MATEO POWER LINE

Construction of a double transmission line at a cost of $914,000 through San Mateo County by the Pacific Gas & Electric Company will be started shortly, according to an announcement of W. T. Kellogg, district manager of the company at San Mateo. The line will be approximately 24 miles in length and will follow the right-of-way of the present Sierra and San Francisco line, extending from Cooley Landing, south of Redwood City to the Martin sub-station in Visitacion Valley. Steel towers will rest on concrete foundations. Construction will be done by company crews.

RAIL CASTING SALES LARGEST SINCE 1918

Sales of commercial steel castings were larger in January than in any month since March, 1920, the Department of Commerce announces. Total bookings were 103,161 tons by firms with a capacity normally devoted to commercial castings of 96,200 tons, or at the rate of 107.2 per cent of capacity, compared with December bookings at 71.7 per cent of capacity. Bookings of railway specialties amounted to 46,879 tons, or 125 per cent of capacity, compared with 73.8 per cent in December. Railway specialty castings for 1922 totaled 399,174 tons, the largest year since 1918.

GRADING EARTH ROADS

In order to study the possibility of earth roads, the Department of Civil Engineering of the University of Illinois, in co-operation with the road officials of Champaign County, Illinois, undertook an extensive experiment on an earth road approximately twelve miles long, subject to normal traffic.

As a result there has been issued by the Engineering Experiment Station of the University, Circular No. 10 entitled "The Grading of Earth Roads," by Wilbur M. Wilson, which gives detailed information concerning the work preliminary to grading, the successive rounds of the grader, and the operation of the grader on the experimental earth road. A description of the operation of the patrol grader, which completed the construction of the road, of the equipment, and of the items included in the initial cost of the road are also given. In addition, the circular contains a summary of the cost of the experimental earth road per mile and per 12.33 miles, which is the entire length of the road.

OREGON ROADS

Oregon now has 23,608 miles of improved road not including that added during last season, according to the Bureau of Public Roads, United States Department of Agriculture, which has made a complete census in the State. The improved road milcage at the beginning of 1922 was as follows:

Graded and drained	15,559
Gravel, chert, and shale	6,230
Water-bound macadam	840
Bituminous macadam	35
Bituminous concrete	746
Cement concrete	139
Miscellaneous	60

The total road mileage of the State is 45,475 miles, as compared with 36,819 miles in 1914, and during the seven-year period from 1914 the graded and drained mileage has increased from 4,719 to 15,559 and the surfaced and paved roads from 4,726 to 8,050 miles.

The total revenue in 1921 amounted to $28,532,824, or $298 for each square mile of area, $627 for each mile of road, or $36.42 per capita.

ABOLITION OF STATE DIVISION OF ARCHITECTURE PROPOSED

In line with his policy of saving the State tremendous sums of money "heretofore wasted in unnecessary departments," Governor Richardson will probably further reduce the State budget by ordering the abolition of the Division of Architecture of the State Department of Public Works, according to advices from Sacramento.

According to the Governor's plan, which, it is understood, has the unqualified approval of the State Board of Control, the division will be done away with entirely leaving only the State architect, whose duties will be the supervision of all State construction work.

The elimination of the department, it is stated, will do away with approximately fifty-six employees, ranging from engineers to stenographers.

The Golden State Box Factory Corporation of Los Angeles contemplates the establishment of a branch plant in Fresno. Harry B. Sher, vice-president of the company, is now in Fresno looking over prospective sites.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

Development of the use of magnesite for home building and house flooring purposes is being pushed in the State of Washington by the Hawkeye Feltstone Co., a new company, operating a plant at Meade, Wash. The company is capitalized at $60,000 and recently purchased the plant of the Western Materials Company in which has been installed the latest machinery to manufacture the product. The plant will produce 50 tons in an eight-hour shift, the material to bear the trade name of "Hawkeye Feltstone." Officers of the company are: W. G. Ramage, president; LeRoy Gillogly, vice president, and Wallace J. Mohan, secretary, treasurer and general manager.

Henry Z. Osborne Jr., has resigned as chief engineer of the board of public utilities of Los Angeles and has announced his candidacy for member of congress from the tenth California district, to fill the vacancy caused by the death of his father, who represented the district for a number of years. Osborne has been prominent in engineering affairs in Southern California and is a member of both the American Society of Civil Engineers and the American Association of Engineers, being president of Los Angeles Section of the latter organization.

A brisk boom in construction work with a parallel improvement in business industry generally is opening up throughout the country, according to reports from all the states made public by the Labor Department. This revival will largely absorb all unemployment and will result in shortages in some sections, the report indicates. Only negligible unemployment exists now due mostly to seasonal conditions, and this is expected to be entirely eliminated within the next three months.

Building permits issuued in Sacramento during the month of February numbered 251, according to Ben H. Covell, City Building Inspector. Improvements undertaken during the month totaled $595,178 as compared with 203 permits in February, 1922, with a total expenditure of $698,297. The February figures show an increase of those of January of this year when 214 permits were granted for work costing $451,554. Housing operations in February totaled $365,200.

Spencer D Miller, Manteca contractor charged with obtaining money under false pretenses, was freed by Superior Judge H. D. Daniels of Yuba County, when he instructed the jury in the case to retire and to return a verdict of not guilty. Judge McDaniels stated that no evidence of guilt had been submitted in the case, and it appeared that the trouble was more of a tie-up between the banks than any act of Miller. Miller was accused of having fraudulently cashed a warrant with a bank.

U S Attorney-General Daugherty has filed a bill in equity in the District of Columbia Supreme Court to recover $1,500,000 from a dozen prominent firms in connection with the sale of surplus lumber acquired for war purposes. Most of them are Southern firms.

Rodejo-Vallejo Ferry Co. of San Francisco, applies to War Department for permit to construct a cantilever bridge over the Carquinez Straits instead of a suspension bridge as originally planned. The latter structure would prove more costly, according to the application. The company, however, indicates its willingness to erect the type of bridge advised by the War Department.

It is estimated that $7,000,000,000 will be spent in new building construction in the United States during 1923. According to the California Real Estate Association, between $375,000,000 and $400,000,000 of this sum will be expended in new California buildings and homes this year. In 1922 California cities expended about $300,000,000 in new construction.

A process of casting concrete bricks in multiple molds, 400 at a time, and making possible the handling of the cast bricks in units of 10 at a time has been perfected by the Zagelmeyer Cast Stone Block Machinery Company, of Bay City, Michigan, manufacturers of the Zagelmeyer system of Multiple molds for casting granite veneered concrete building blocks.

Karl Wessel and J. M. Nelson, capitalists of St. Paul, Minn., are on the Pacific Coast to investigate sites in the San Joaquin Valley section on which they propose to locate a $3,000,000 plant for the manufacture of hemp products. The plant, according to tentative plans, will cover an area of twelve acres.

The city of Portland during the month of February issued 754 building permits for improvements costing $1,455,420 of which 176 were for residences valued at $617,500. For the corresponding period in 1922 the records show 934 permits for work costing $1,541,745 of which 253 were for residences valued at $850,385.

A bill has been introduced in the Nevada Legislature to grant a franchise to construct a railroad from Winnemucca through Tonopah, Goldfield and Beatty to the California line. It is understood that one of the large railroad companies is behind the project.

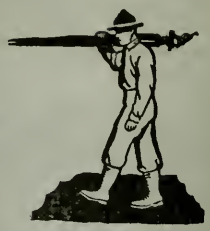
Fifty-nine building permits were issued in Bakersfield during the month of February for improvements costing $348,589, according to a report submitted the city council by T. W. Dupes, city building inspector. Twenty-nine residences were erected at a cost of $75,170.

The Acme Ice Cream Company of San Francisco, is planning to erect a $225,000 ice cream plant in Fresno, according to Fred Swanberg, vice president of the company.

Seattle building permits for February, 1923, total $2,023,250, bringing the total operations for the year to $3,069,218.

Building permits issued in Alameda during February totaled $162,424, according to city building inspector Eugene Maillot.

ALONG THE LINE



Frederick H. Meyer of San Francisco has been chosen president of the Utah-Nevada-California Association. Other officers are: C. C. Cottrell, San Francisco, vice-president; Carl Lampus, Sacramento, treasurer; John F. Shea, San Francisco, secretary; L. A. Nares, Fresno, S. F. B. Morse, Del Monte, Dudley Saeltzer of Redding and the four elected officers comprise the Board of Directors. The purpose of the association is to construct a highway from Salt Lake through Nevada to San Francisco.

Fred Grum, former assistant division engineer of the State Highway Commission at Fresno, has been appointed chief office engineer of the commission with headquarters in Sacramento. The office which Grum will fill at Sacramento has just been created under the reorganization plans of the new board members.

M. M. O'Shaughnessy, City Engineer of San Francisco, within the next thirty days will recommend a tentative policy for the distribution of hydro-electric power development at the Moccasin Creek power plant of the Hetch Hetchy project.

Western Pacific Railroad will spend $1,500,000 on a terminal at Stockton. In addition to a number of ship buildings, etc., the improvements will involve the laying of approximately thirty miles of track.

By a small majority, voters of Chico failed to endorse a bond issue of $475,000 to finance the purchase of three privately owned water systems. It was proposed to operate the systems as a municipal project.

R. B. Cleghorn, formerly of San Francisco, has entered in partnership with W. L. Proctor, contractor and builder of Santa Rosa, and will maintain offices in the Rosenberg Bldg., that city.

Petitions are being circulated in Oroville asking the city trustees to call an election to vote bonds to purchase the distributing system and gas plant of the Pacific Gas & Electric Co., for operation as a municipal project.

Donald Davies, City Engineer of Salinas, has resigned due to illness. The position will be filled by Howard Cozzens, County Surveyor of Monterey County.

The Larsen Building Co., has been organized in Burlingame. Officers of the company are: Chris Larsen, Burlingame; Axel and George F. Larsen, San Mateo.

The Shell Oil Company is planning to establish a $100,000 distributing plant at Brentwood, Contra Costa county. Leases for property facing the highway are now being completed.

ORGANIZATION NEWS

NO WAGE INCREASE FOR BUILDING TRADES, COMMITTEE RECOMMENDS

That an increase of $1 per day in wages for carpenters and electricians would be a handicap to an active building campaign in Reno this year and that in the interest of the community an advance in wages should not be asked, are the findings of the Reno, Nevada, Chamber of Commerce committee, appointed some weeks ago to investigate wages and building conditions in Washoe County.

In arriving at its conclusions, the committee in its report, filed with the Chamber of Commerce, says: "We believe it to be the general impression that the peak of high prices in every direction has been reached and that to increase the wages of any craft will tend to cause owners to defer building until there is a corresponding or greater decrease of wages:. We have already had expressions from different people who contemplate building, which are to the effect that they will not build at all if there is an increase in any craft."

The report goes on to say that the committee feels an active building program at a fair wage will be of more benefit to labor than an inactive building season at higher wages and that if wages remain undisturbed that in the end the men will receive more than if they were paid a higher scale and worked fewer days. Further the report says: "Labor charges in Reno are higher than they are at outside points in Nevada, where there is not sufficient work to care for all craftsmen and that means from time to time they drift into the interior and into the mines where they put in their surplus times at lower wages. It is to their benefit to have enough work right in Reno to keep them going."

The committee points out that it was argued that carpenters and electricians were entitled to as high pay as painters and while they believed that was true, that when the wage increase was given, it was given on the ground that the carpenters work a greater number of days than the painters and at the end of the season the painters received less mony than carpenters.

In making its findings, the committee cites it has tried to be fair to all concerned and recommends that the Washoe Building Trades Council and the Washoe County Builders Exchange work together in harmony for the interest of the city.

The report is signed by the full committee composed of N. E. Wilson, chairman; C. S. Knight, secretary; C. R. Carter, J. D. Cameron, C. E. Clough, A. J. Caton, W. M. Gardiner, L. W. Knowles, W. A. Shockley and J. L. Hash.

EAST BAY BUILDERS TO FEATURE BUILDING SHOW

Building material dealers of the East Bay District are completing arrangements for the First Annual East Bay Building Show to be held in the Oakland Building Material and Manufacturers' Exchange, 1424 Franklin St., Oakland, from March 22 to March 31, inclusive. The exhibit well be open from 1 to to 10 P. M.

Guy Lynn Rosebrook, manager of construction, heads the committee in charge of arrangements Attractive educational displays and complete information pertaining to all lines of building, equipment and fixtures, will be given to visitors at the exposition. It is conservatively estimated that at least 10,000 people will attend the showing.

The committee working with Chairman Rosebrook is as follows: G. L. Richards of Rhodes-Jamieson Co., R. B. Cox, the Hoosier Store; F. H. Van Leer, Cadwallader-Gibson Co.; V. D. Mulkey, Mulkey Mattress Co.; W. C. Simpson, Simpson Manufacturing Co.; H. C. Tuller Jr., Triangle Water Heater Co.; Doris Conner, Interior Decorator; L. W. Blake, Blake Plumbing and Heating Co.; H. N. Haynes, M. Stulsatt & Co.; L. F. Crumly, Superbo Water Heater Co.; Mrs. W. C. Detwiler, Alpha Tile Products; W. F. Murray of Murray Co.; T. C. Schroder, Pratt & Lambert Inc.; Benjamine S. Ebersole, manager of builders free exhibit.

Reno Builders' Exchange Is Undesirable Organization, Says Attorney General Daugherty

The Washoe County Builders' Exchange with headquarters at Reno, Nevada, "is undoubtedly an undesirable organization, not only probably impairing the growth of the city of Reno and unjustly discriminating against many citizens of that city, but its existence also has a tendency to encourage the formation of similar organizations and counter organizations in other localities, and, therefore, the very spirit in which it is conceived is repugnant to a sense of fair play and detrimental to society."

Such is the opinion of Harry M. Daugherty, United States Attorney General, in a letter to George Springmeyer, U. S. Attorney at Reno, following an investigation of a complaint filed by J. H. Cahill who is erecting a hotel in Reno and who declared that building operations were being interfered with by the Exchange.

Attorney General Daugherty, however, holds, in his letter to Springmeyer, that the operations of the builders' exchange does not constitute a violation of the Sherman anti-trust law of the country, sustaining the opinion given by Springmeyer several weeks ago when a controversy arose between the organization and J. H. Cahill.

As a result of the attorney general's opinion, according to Springmeyer, federal investigating agents who have been looking into the matter for several months will not be called upon to testify before the federal grand jury, and, so far as the federal government is concerned, the matter will be dropped, unless there are further developments. The attorney general directed, however, that the exchange be kept under observance and if proper facts should develop federal questions, then the matter is to be taken up again.

The immediate reasons for the impossibility of the federal government concerning itself with the activities of the exchange are that there was not interference with the sale of materials either before they were shipped into Nevada, or after they were deposited in that state, and therefore, neither a direct nor indirect interference with interstate commerce." Nor was it established that there was an agreement between members of the exchange for the purpose of interfering with building. The federal government could act only in the event there was interference with interstate commerce, on much the same general principle as during the railroad strike of 1922, when it could not act except in cases where there was either a direct interference with interstate traffic, or an indirect interference with such traffc and an intent to make the interference direct.

"However, the exchange is, from a legal standpoint, one of purely local concern and must be dealt with, if dealt with at all, by local authorities," Daugherty's letter continues. "Local complainants must understand the limitation on the powers of the federal government and thus realize that the operations of an organization like that of the Washoe County Builders' Exchange might be entirely prevented if citizens, legislators and officials of the state would not be unmindful of their own responsibilities.

"That the exchange at Reno should be disbanded, there can be no reasonable doubt, but it is highly important that the fundamental limitations in respect to federal jurisdiction should be recognized. In this case, it seems clear that the jurisdiction is wholly with the State of Nevada, and, if that state is without anti-trust laws, then the primary remedy is in state legislation.'

In connection with the final paragraph of the attorney general's opinion, is it said that Cahill, who brought the matter to the attention of the federal attorney, and others interested in the matter, will seek to have the legislature pass an anti-trust law, similar to one in California under which builders' exchanges in that state are now being prosecuted.

San Rafael has voted $500,000 for school improvements; $290,000 for a new high school and $210,000 to improve elementary schools.

AMERICAN PLAN IS SUCCESS

The operation of the American Plan in the San Francisco building industry is a success, according to Max Kuhl of the Industrial Association of San Francisco. All is running smoothly, according to Kuhl, with the exception of the plastering trade, which is rapidly being organized along the American plan basis, with plenty of men available, so that there is no reason why there should be any more delays in construction work. At the present time there are 535 plasterers on the various payrolls and more will be available when needed. "Strong co-operation between the building material men and contractors has made it possible to firmly establish the building industry in San Francisco on the American plan and continued success is absolutely assured, Kuhl declares.

The Sunnyvale Concrete Products Co. at Sunnyvale is constructing a $12,000 addition to its plant. The new quarters will be used for the manufacture of concrete irrigating pipe.

Flow Of Water Through Vitrified Clay And Corrugated Metal Culvert Pipe

Extensive investigations conducted by U. S. Bureau Public Roads at the State University of Iowa Hydraulics Laboratory—Capacities of two kinds of Pipe Compared—Values of Co-efficient of Roughness in Kutter Formula

The most comprehensive investigation ever made of the flow of water through vitrified clay and corrugated metal culvert pipe has been recently completed by the U. S. Bureau of Public Roads at the Hydraulic Laboratory of the State University of Iowa. The investigation has brought to light a mass of interesting hydraulic data of a theoretic nature as well as valuable practical information.

On account of the scarcity of reliable information previously available on this subject and in view of the fact that large amounts of both State and Federal funds are being spent for pipe culverts, Thomas H. MacDonald, chief, Bureau of Public Roads, arranged for this cooperative investigation on the part of the bureau and the State University of Iowa. Due to the very careful preparations and planning for the experiments made in advance by the bureau, to the cordial assistance of A. F. Fisher, county engineer of Johnson County, Iowa, in furnishing some of the material for test, and to the unique facilities of the laboratory, particularly adapted to this kind of experimentation, the tests, including nearly 1000 separate measured runs, were completed with unusual expedition according to schedule, and without any untoward delay.

To conduct an investigation of such magnitude a location was necessary with an ample supply of water and a sufficient head. Few laboratories have a sufficient gravity supply, but the laboratory of the State University of Iowa located at Iowa City met the necessary requirements for this work admirably.

Scope of Experiments

Tests were made on both vitrified clay pipe and corrugated metal pipe to determine accurately the effect of friction on the flow of water through culverts and the entrance losses at the culvert inlet. The sizes tested of each kind of pipe were 12, 18, 24 and 30 inch in diameter. To determine the effect of the length of the culvert on its capacity, the 24-inch pipe of both materials was tested in three lengths, namely, 24, 30 and 36 feet. The other sizes were tested in the 30-foot length only. Many different types of entrances were tried in order to determine which forms were most effective in reducing the entrance loss. These included various conical entrances as well as all of the standard types approved by the Bureau of Public Roads, consisting of the straight endwall entrance, wing walls set at 45 degrees to the pipe line, and the U-type wings. The effect of varying the height of the wing wall was also tested.

A standard sharp-crested measuring weir of the suppressed type, whose crest was 10 feet in length, was installed 62.4 feet from the headgate at the dam. The pipe was laid level with watertight joints on a wooden floor in the bottom of the testing canal. Tight wooden bulkheads were installed at each end of the pipe line, so that the pipe could remain exposed in the dry while running full of water even with both ends submerged to a considerable depth. The entrance to the culvert pipe was located 26.8 feet downstream from the weir. Three baffles were placed in the canal above the weir near the headgate in order to obtain a uniform distribution of velocity of approach to the weir. In order to still the turbulence of the water in the canal below the weir, before it entered the culvert pipe, two baffles were installed in this section.

Piezometer nipples were inserted in each kind of pipe spaced 30 inches apart throughout the whole length of the pipe. Hook-gages set in cylindrical galvanized iron stilling tanks near the bulkheads at the two ends of the culvert were used to determine the elevation of the water surface upstream and downstream from the culvert.

Tests on each culvert were begun with a head of 0.30 foot of water discharging over the measuring weir followed by experiments with successive increases of 0.10 foot in head on the weir until the maximum quantity was obtained which would flow through the pipe without overtopping the bulkhead at the entrance to the culvert. For each head on the weir several different tests were secured, as follows: (1) with the outlet discharging freely to the air; (2) with the elevation of the water surface at the culvert outlet raised to the middle of the pipe; (3) with the water surface at the outlet brought up to 6 inches below the top of the pipe; (4) with the water surface raised to the top of the pipe at the outlet; (6) and with the water surface at the culvert outlet raised by successive increases of 6 inches until the maximum possible submergence was secured. To obtain a submerged outlet a bear-trap gate was constructed 18 feet, downstream from the outlet. This gate was regulated by means of a block and tackle attached to a windlass. The tests were begun August 1, 1922, and were completed in about three months.

Procedure of Testing

The quantity of water being carried by the culvert was measured by a standard sharp-crested weir of the suppressed type. For determining the discharge over the weir, Bazin's formula was used. From 5 to 7 minutes were consumed in making a complete test which required the services of five men. One man was stationed at the weir hook gage; another was located at hook-gage near the culvert inlet; a third person read the piezometers; and a fourth read the hook-gage located near the culvert outlet. A fifth man regulated the head gate and operated the windlass controlling the bear-trap gate.

An electric bell was placed directly over the culvert pipe being tested and another bell connected on the same circuit was placed on the observation platform at the weir hook-gage. The push button for operating these bells was located at the hook-gage near the entrance to the culvert.

After the headgate was correctly adjusted for the required head on the weir, the water level at the culvert was observed until the stage had become steady. The pipe was then ready to be tested. The observer at the hook-gage at the culvert entrance operated the bell in addition to reading the hook-gage. He signalled to all observers by means of two rings to get ready to read. Ten seconds later one bell gave the time to read, after which it was rung every 30 seconds until ten consecutive readings had been secured. Three bells denoted the end of a test. During the time the hook-gages were being read the observer of the piezometers secured two independent sets of readings on the piezometers as well as single readings on each hook-gage. At the close of a test the readings indicated whether the water stage had been constant. If it had not been closely stationary, the test was repeated.

Experimental Results

At the conclusion of each test the average values of all the different readings were plotted on a diagram which was, in effect, a condensed profile of the pipe under test. Near the right margin of each diagram is shown the head water level above the entrance to the pipe; at the left margin similarly is shown the tail water level at the outlet of the culvert. Along the pipe in their proper respective positions are shown the elevation of the water in the various piezometer tubes. The diagram shows then at once the amount of submergence of each end of the culvert pipe and the total difference in water level between the bays at the two ends of the pipe.

Through the points representing the tubes an average straight line was drawn, as shown on the diagrams. This line represents the hydraulic gradient in the pipe. The diagrams show strikingly that while at the outlet of the pipe the hydraulic gradient nearly meets the tailwater level, frequently slightly below it, on the other hand at the entrance of the pipe the hydraulic gradient is always far below the head water level. The slope of the hydraulic gradient is the true friction loss within the pipe. The difference between the headwater level and the hydraulic grading at the entrance to the pipe represents the head required to get the water into the pipe and may be conveniently called the entrance drop.

From the quantity of flow as measured by the weir and the measured cross-section of the pipe the velocity of flow through the pipe was computed for each test. Next the corresponding velocity head was computed. The entrance drop can never be less than the velocity head. For a rounded entrance that is one having no sharp corners, the entrance drop is substantially equal to the velocity head. When the entrance drop is appreciably greater than the velocity head, the difference is called entrance loss, as indicated on the diagrams. By taking sufficient care to make a gradually rounded entrance, the entrance loss can always be reduced practically to zero. When the bell end of a vitrified clay pipe is used as the entrance, the entrance is almost zero. With the reinforced rounded end of a corrugated metal pipe the entrance loss amounts to 15 or 20 per cent of the velocity head.

The piezometer readings usually show more or less inconsistency among themselves, especially with the higher velocities used. Certain piezometers would persistently read higher or lower than their neighbors, due, apparently, to some disturbance of flow within the pipe. The piezometer readings were more erratic in general with the vitrified clay pipe than with the corru-

gated metal pipe. The piezometer closest to the entrance end of every pipe invariably showed a reading below the average hydraulic gradient when the velocity was high.

Perhaps the most surprising thing about these diagrams is the striking way in which they reveal the fact that for such short pipe the element of friction in the pipe itself is much dwarfed in comparison with the head consumed at entrance in getting the water into the pipe. This relation is independent of the velocity of flow, for as the velocity increases both the friction loss and the velocity head increase in substantially the same proportion. For pipe of larger diameters the friction loss has still less relative importance.

With corrugated metal pipe the friction factor is much greater than with clay pipe and is therefore of greater importance. The friction loss in vitrified clay pipe and corrugated metal pipe may be compared by calculating for each the coefficient of roughness by Kutter's formula. When this was done it was found that the results vary slightly with different sizes of pipe and different velocities of flow. For clay pipe the values obtained for Kutter's n varied between .011 and .014; for corrugated metal pipe between .019 and .024. The greater resistance to flow in the metal pipe is undoubtedly due to the disturbances in flow caused by the corrugations.

A section was cut out of the top of each kind of pipe of the 24-inch size and through this opening a photograph was taken of the moving water.

To enable practical application to be made of the results of these experiments the following condensed table has been prepared showing the relative carrying capacities of a 30-foot length of the two kinds of pipe for the various sizes when operating under a head of one foot. The difference of elevation of the water surfaces at the entrance bay and outlet end of the culvert is considered as the head under which the pipe is flowing.

Table 1.—Capacities of Vitrified Clay and Corrugated Metal Culvert Pipe, 30 Feet Long Under a Head of One Foot

Kind of Pipe	Diam. of Pipe in Inches			
	12	18	24	30
	Cap. in Cu. Ft. per Sec.			
Vitrified Clay Pipe..	5.3	11.9	22.4	32
Corru. Metal Pipe....	3	7.9	15.8	24.9

The table shows that a culvert made of vitrified clay pipe will carry from 28 to 77 per cent more water than one of corrugated metal pipe, depending upon the diameter of the pipe.

Accuracy and Value of Results

Throughout the experiments every care was taken to obtain independent checks on all readings, and to test all the results obtained by variations sufficiently numerous to detect any erratic observation and to afford finally reliable average values of all constants. The results obtained are not only om immediate practical value, but incidentally there has been secured much data that will throw light on some of the phenomena of flow in pipes with regard to which information hitherto has been scant and inadequate. It is expected that within a few months a full report will be ready for publication giving all the data for the experiments mentioned here, and also observations on various forms of piezometer connections, curious effects on the hydraulic gradient when the outlet is discharging freely into the air, and means of recovering and utilizing the velocity head at the outlet end of the pipe.

The tests were caried out by David L. Yarnell, senior drainage engineer of the Bureau of Public Roads, and Professor Floyd A. Nagler, State University of Iowa, who is in charge of the hydraulic laboratory. Sherman M. Woodward, professor of mechanics and hydraulics, State University of Iowa, acted in an advisory capacity. The entire investigation was under the immediate supervision of S. H. McCory, chief, Division of Agricultural Engineering, Bureau of Public Roads.—Highway News Digest.

Fire Test Proves Worth of "Granitite"

Unusual interest was shown in the recent public fire demonstration given by the National Fibreform Company of San Francisco. A small house was constructed of wood frame, then finished inside and outside with Granitite Walls. A roaring fire was kept burning inside the house for an hour and twenty minutes with a maximum temperature of 1920 degrees Fahr.

After the fire a close inspection was made by city fire officials, when the exterior walls were found completely intact and had in no way been harmed by the fire. Examination of the interior showed the wood frame had been so thoroughly protected not to show even discolorization from the intense heat.

Another remarkable thing was the fact that the temperature on the exterior walls did not exceed 80 degrees Fahr. This demonstrated that the walls were highly insulated against radiation of heat.

A comparative test was made simultaneous, and in the same way, with a house constructed of standard stucco and plastered walls. The stucco house was on fire in thirty minutes' time and at the end of an hour and twenty minutes this house had competely collapsed. The resistance of Granitite Walls, as compared to the usual type of wall, was very convincing.

The test was made under the supervision of Chemical Engineer Robert W. Hunt. Pyrometer readings were kept and these records are available to any one interested.

An officer of the company, in his talk before the crowd at the demonstration, briefly described the products as follows:

The Granitite Walls are constructed by using a combination of three products, Fibrelite, Granitite and Sealkote.

The Fibrelite is an improved form of insulation which is nailed direct to the studding instead of sheating and laths. This product gets its highly insulated qualities from the large amount of dead air incased with the fibre formation. The Fibrelite panels are coated with Granitite, which is a cement compound. The Granitite is applied in a mortar stage and permits a white trowel finish for the inside walls, and the stucco style finish for outside walls.

This cement compound has powerful strength and gets its remarkable fire resistance from the fact that the material has very little expansion or contraction. Exterior walls are finished with ⅜th of an inch coat Granitite over the Fibrelite. Interior walls are sufficiently strong with ¼th-inch coat of Granitite. The test house was constructed under these specifications.

The Fibreform laboratories have also devloped a water-proofing which is used on the exterior Granitite Walls. The water-proofing, Sealkote, is a colorless liquid of mineral base, which penetrates the wall surface and permanently seals the surface against moisture.

The National Fibreform Company's large plant at 16th and Arkansas Streets was recently finished, from which they claim to have already shipped several carloads to different parts of the state. One of the buildings at the California Sanitarium has just been finished with Granitite Walls. Several other jobs are in the course of construction, including a large building project at San Diego.

The company is being financed by a group of San Francisco business men, among whom are R. W. Salsbury, Cyril Tobin, Dr. Max Rothchilds, J. F. Judge, W. P. Scott, Charles W. Clark, George Clough and Harry Hunt

President R. W. Salsbury, when interviewed, said they had advanced far enough to satisfy themselves that Granitite Walls were meeting a general building need and would be used extensively throughout the country. He said the company had an extensive expansion program calling for additional plants in California and other sections of the United States.

CATALOGUE FEATURES 1923 REX PAVER

The Chain Belt Company, Milwaukee, Wis., has issued a new 44 page catalog, covering the 1923 models of Rex Paver. The book is unusually well illustrated and many of the operating features are shown with the internal mechanisms exposed so as to illustrate their exact functions. The machines are shown with both full and half length chain treads. Particular attention has been given to the enclosed transmissions which have become popular with paving contractors.

The discharge of the Rex Pavers has been speeded up by the use of an enclosed automatically controlled mechanism which relieves the operator the moment the discharge chute is placed in motion. On the charging skip the throat opening has been designed so that the effectiveness of neither the throat or drum openings are restricted by the discharging angle of the skip. The distributing system has several automatic operating features.

TERRAZZO AND MARBLE FOUND IN SISKIYOU LIMESTONE DEPOSITS

According to H. J. Barton, president of the Siskiyou County Mines Association, with headquarters at Yreka, a survey of the limestone deposits near Gazelle resulted in the discovery of several ledges of marble that were heretofore unknown. Polished specimens on exhibit at his office discloses marble of rare colorings and include pieces of natural cement, encasing pebbles of every color and shape.

Among the specimens taken a quantity of a newly discovered form of marble which is called terrazzo and which is a high commercial value. Terrazzo, according to Barton, is used by jewelers and others as a mounting for the display of small pieces of jewelry and other small articles.

FOREST SERVICE WILL RE-ADVERTISE FOR TIMBER BIDS

The U. S. Forest Service is preparing to again put the 890,000,000 feet of timber in the Bear Valley Basin, Oregon, on the auction block, although no bids were received the last time within the stated time limit. The killing of the probable severance tax on timber, it is expected, will encourage bidders. The tract is 80 per cent yellow pine, $2.75 per M. feet and 50 cents for other species was set as a minimum bidding price.

PLASTERERS ORGANIZE

Organization of the Pacific Coast Conference of Master Plasterers was affected at a recent meeting in San Francisco of twenty-eight delegates from various coast cities. The purpose of the conference is to better the plastering industry as a whole. Francis O'Reilly of San Francisco was elected president. Other officers named were D. L. Hogan, Portland, first vice president William Makin, Oakland, second vice president; B. E. Dequine, Los Angeles, third vice president; J. R. Coffman, Los Angeles, secretary, and Alex Mennie, San Francisco, treasurer, responsibility determined.

PORTLAND MATERIAL DEALERS TO PROTECT OWNERS

The Building Material Dealers' Credit Association of Portland, Ore., is about to inaugurate an extensive campaign of education to acquaint prospective builders with their rights and responsibilities and to warn them against irresistible and unscrupulous contractors.

The board of directors of the association pledge themselves to urgently request each and every member to inquire if a bond has been filed and to endeavor to see that the owner is informed of his obligations so that he or they may protect themselves; and that the members refuse to sell material to any person until a thorough investigation has been made and his

USE OF WIRE SAW IN QUARRIES

The wire saw has been used with success in marble quarries, both in America and abroad, states the Bureau of Mines in Bulletin 218, "The Technology of Slate." It usually consists of a three-strand endless wire rope about ¼-in. in diameter. The wire passes around a driving wheel and is carried on pulleys to the place in the rock where a cut is desired. An abrasive, such as steel shot, with water, is fed to the rope at the point where it enters the rock. To prevent too rapid abrasion of the wire, a length, sometimes exceeding a mile, of wire rope is used. The wire saw may be used for making cuts in the quarry or to saw blocks on the bank. This type of equipment has never been used in slate quarries in the United States, nor, from information available, does it appear to have been used in slate quarries abroad. One slate producer in the Slatington district of Pennsylvania contemplates its introduction, and the results obtained will certainly interest all slate workers.

LOS ANGELES RAIL SURVEY IS ORDERED

The engineering department of the State Railroad Commission haa been instructed to make a survey of the electric street railroad situation in and about Los Angeles with a view to unifying the service. The commission engineers have been directed to cooperate with the engineering forces of the Pacific Electric Company and the Los Angeles Street Railway Company, the two systems involved, in making the survey.

FRENCH HYDRO-ELECTRIC PRODUCTION

The power of the various hydro-electric stations now existing in France is estimated at 2,100,000 h. p., and that of stations under construction, which will be completed within two years, at 500,000 h. p. The power of the stations in activity at the end of the war amounted to 1,500,000 h. p.

Strike Looms On Capitol Extension Project

An undercurrent of ruction between two factions of workers employed on the Capitol extension buildings is assuming larger proportions daily, and threatens to develop into a general strike, according to latest advices from Sacramento.

Work has progressed to the stage where the building will soon take on shape and form. The first steel girders were erected last week. A strike at this time would seriously delay the work, and a conference among state heads, contractors and labor leaders has been called to straighten out the difficulty.

The pile drivers are organized as a part of the building trades council, which organization does not, it is reported, allow men to work on the same job where workers are employed on the open shop basis. The United States Steel Products Company, which is erecting the steel girders for the Capitol building, employs its men under the open shop plan.

The pile drivers protest against the open shop plan, while the workers of the steel company declare they will work for the company under the present plan until the job is finished. Most of the steel workers are old employes of the company which brought them to Sacramento, and they say they will remain loyal.

When asked about the dissatisfaction, Foreman Mills of the steel products company stated he had heard no report of any trouble between the two factions. Later he declared the pile drivers had been out on strike for half a day, but this information was discredited at the office of the state division of architecture.

Heads of the division looked serious when asked about a threatened strike, but declined to state whether or not there was trouble on the building work.

Labor heads refused to say what course would be pursued by them at the conference. Foreman Mills, however, declared the steel company would remain firm on the open shop stand.

Solved — Why Does A Plumber Go Back For His Tools?

In discussing the question of why the plumber goes back after his tools, Wm. J. Mott, Secretary of the Master Plumbers' Association of Sacramento, says:

"In ninety-nine cases out of a hundred the house owner and the plumbing and heating dealer are both at a disadvantage, because the owner can not tell him what is realy the matter. He can not take the plumbing to the repair shop as he would his shoes or watch. The plumbing and heating dealer can not bring his entire shop to the home, yet any one of scores of tools or thousands of articles may be required.

"Unless the house holder accuratcly describes what is wrong, the plumber must actually see the job before he can be certain what must be done. Not being gifted with clairvoyant powers the plumber tries—and tries hard—to guess at what he needs to bring with him. In view of the many abuses that plumbing is put to, it is a real wonder that he ever guesses right.

"A way out of the difficulty is for every householder to know at least as much about plumbing as about the cook stove or the lawn mower. Also to learn the few simple things to do—and not to do—to avoid damage to the plumbing. Any reputable plumbing and heating dealer will gladly and freely help you to that knowledge. Contrary to the general impression, the plumbing and heating dealer usually loses money on minor repair jobs.

"The greatest wonder of all is that plumbing does not break down oftener than it does. Usually every member of the household will carelessly throw anything from hair pine to rubber boots into plumbing fixtures—and blame the plumbing and the plumbing and heating dealer for the results."

$200.000 Rock & Gravel Plant Is Announced By Clarence F. Pratt

Clarence F. Pratt, Pres. of the Pratt Building Material Company, annonuces a new $200,000 rock and gravel company to be known as the Pratt Rock & Gravel Co., stated to a representative of the Daily Pacific Builder that a modern rock and gravel plant will be built at once on the new property that has just been secured in Sacramento County between Folsom and Fair Oaks.

Spur tracks off of the Southern Pacific Railroad will be laid and the most modern machinery will be installed so that the plant will have a capacity of 25 to 50 cars per day. The product of the new plant, made from the bolders and rock left by the gold dredgers, will be shipped to all points in northern and central California. The Pratt Building Material Co., who are to act as the selling agents for the new company, now maintain offices at San Francisco, Marysville, Sacramento and Pratteo, Monterey County.

Plans and working drawings for the new plant will be made at once and actual work will be started in a short time. The new company has 160 acres of bolders and rocks on land dredged for gold by the Ashburton Mining Company, some twenty years ago.

RAIL ORDER PLACED

The Southern Pacific recently ordered 50,000 gross tons of steel rails to be delivered during 1923 for use on the Pacific System. This will provide a total of 330 miles of rails for use in the West, including 217 miles of 110-pound rails, the heaviest ever used in railroad construction work west of the Rocky Mountains.

CITY PLANNING IN THE U. S.

According to Landscape Architecture, January, 1923, 150 cities and towns in this country are actively engaged in city planning. Of 43 cities in the United States with a population of 150,000 or over, 40 have adopted planning schemes. Three have not reported, but of these only one has not had some form a city plan report in the past.

Building News Section

APARTMENTS

Contract Awarded.
APARTMENTS Cost, $15,000 ea.
OAKLAND, Alameda Co., Cal. N Waisworth Ave 40 and 90 N Fairmount Avenue.
Two two-story frame (12-room) apartment houses.
Owner—B. H. Stevens, 1534 Franklin St., Oakland.
Architect—None.
Contractor — California Builders Co., 1534 Franklin St., Oakland.

Contract Awarded.
APARTMENTS Cost, $25,000
PALO ALTO, Santa Clara Co., Cal. Lots 24, 25 and 26 Blk 37.
Two-story frame apartment house (8 apts.)
Owner—Leung Lee, Palo Alto.
Architect—None.
Contractor—Alfred C. Hamerton, 475 Dewey St., San Francisco.

To be Done by Day's Work.
APARTMENTS Cost, $28,000
SAN FRANCISCO. SW Twenty-third and Valencia Streets.
Three-story frame (18) apartments.
Owner—Thos. E. Twohig, 103 San Jose Ave., San Francisco.

Completing Plans.
APT. HOUSE Cost, $16,000
OAKLAND,
Two-story frame and stucco apartment house.
Owner—Mrs. Paulina Seeds.
Architect—Schirmer-Bugbee Co., Thayer Bldg., Oakland.

Contract Awarded.
APARTMENTS Cost, $35,000
SAN FRANCISCO, S Irving 95 W 3rd Avenue.
Three-story and basement frame (12) apartments.
Owner—J. J. O'Neill, 1724 28th Ave, S.F.
Architect—W. C. Mahoney, 892 Union St., San Francisco.
Contractor—E. K. Nelson, 77 O'Farrell St., San Francisco.

To Be Done By Day's Work
APARTMENTS Cost, $20,000
SAN FRANCISCO, SW California and 8th Avenue.
Three-story and basement frame (9) apartments.
Owner—Karl H. Holmgren, 680 15th Ave., San Francisco.

Contract Awarded.
APARTMENTS Cost, $15,000
OAKLAND, SW 54th & Grove Sts.
Two-story brick market and apts.
Owner—Valfreda Bros., 54th and Grove Sts., Oakland.
Contractor—Murphy F. Hamilton, 825 Santa Fe Bldg., S. F.

Contract Awarded.
STORES & APTS. Cost, $15,000
OAKLAND, N E-14th St. 100 E 41st Ave
Two-story 14-room stores and apts.
Owner—D. M. Heagerty, 4100 E-14th St., Oakland.
Contractor—A. L. Hamilton, 5365 Wentworth Ave., Oakland.

Contract Awarded.
APARTMENTS Cost, $24,000
BERKELEY, Alameda Co., Cal. No. 2737 Forest St.
Three-story frame (27) apartments.
Owner—Margaret J. Hazlett, 2029 San Antonio St., Berkeley.
Architect—None.
Contractor—E. F. Henderson, 5744 Keith Ave., Oakland.

Contract Awarded.
APT. BLDG. & GARAGE $19,211
BERKELEY, Alameda Co., Cal. Lots 13 & 14 Blk 8 Antisell Villa Lots.
Two-story frame 17-room apt. bldg. and garage.
Owner—Mary S. Noyes, Trustee.
Contractor — Roy O. Long Co., 2114 Shattuck Ave., Berkeley.

Segregated Figures Being Taken.
APARTMENTS Cost, $150,000
ALAMEDA, Alameda Co., Cal. Grand and Central Avenue.
Three-story reinforced concrete apartment house with roof garden (21 2, 4 and 5-room apts.)
Owner—L. Kaliski.
Architect—A. A. Cantin, 68 Post St., San Francisco.
Bids will be taken for a general contract with separate bids for the plumbing, heating, electrical work, elevator and painting.

To Be Done By Day's Work.
APARTMENTS Cost, $14,000
OAKLAND, E Merritt Ave 40 S Cleveland Ave.
Two-story frame (12) apts.
Owner—J. J. Vincent, 509 Merritt Ave., Oakland.

LOS ANGELES, Cal. — W. F. Riley, 3706 Whittier Blvd., has the contr. at about $115,000 for the erection of a 3-story class C apt. bldg. at 475 S Bixel St., for F. W. Babcock; will contain 51 rooms, divided into single apts. Brick, 3-story and basement, 97x100 ft. press. brick facing. Plans by Archt. Edward Cray Taylor, and Ellis Wing Taylor, engr., 713 W 8th St., L. A.

LOS ANGELES, Los Angeles Co., Cal. —Williams & Neville, 1208 Marsh-Strong Bldg., have the contract to erect a four-story and basement, Class C brick apartment house on Orange St., between Figueroa and Kip Sts., for S. G. Kaufman, 822 Wall St. It will contain 108 rooms, 54 apartments, dimensions, 56x89 ft. with a wing, 25x70 ft.; brick walls, pressed brick facing, marble and tile work. Cost, $135,000.

BONDS

HUGHSON, Stanislaus Co., Cal.—Election will be held March 30 in Hughson School District to vote bonds of $75,000 to finance construction of new grammar school.

YUBA CITY, Sutter Co., Cal.—Election will be held March 30 in Yuba School District to vote bonds of $10,000 to finance school improvements. Trustees of district are: Geo. W. Johnson, Louis Rockholt and E. E. Wernex.

SANTA ROSA, Sonoma Co., Cal.—Election will be held March 30 in Franz School District to vote bonds of $1,000 to finance school improvements. Trustees of district are: Fred Pfister, Geo. A. Ward and R. S. Kettlewell.

SAN RAFAEL, Marin Co. Cal.—Bonds of $500,000 were voted at recent election for school improvements; $290,000 for a new high school and $210,000 for elementary school improvements. Thos. P. Boyd, president of Bd. of Education. (44978) 1st report Jan. 29; 2nd Feb. 9.

REEDLEY, Fresno Co., Cal.—Trustees of Reedley Grammar School District will call election to vote bonds to finance purchase of old high school site and erect new school containing 10 or 12 classrooms.

CHURCHES

Plans Approved.
CHURCH Cost, $25,000
YUBA CITY, Sutter Co., Cal.
One-story brick, frame and stucco church and remodeling present structure for Sunday School rooms.
Owner—Methodist Church of Yuba City, Rev. Redburn, Pastor, Yuba City.
Architect—Chester Cole, Waterland-Breslauer Bldg., Chico.

LOS ANGELES, Los Angeles Co., Cal. —Archts. Elwin P. Norberg and Chas. E. Norberg, 704 Union Bank Bldg., Los Angeles, are preparing plans for a 1-story brick church building to be erected at northeast corner of 14th St. and Union Ave., for Swedish Methodist Episcopal Church; will contain auditorium and balcony to seat 400 people, choir loft, Sunday school assembly rm., graduated classrooms, rest rooms, gymnasium, kitchen, social hall and sexton quarters.

TAFT, Kern Co., Cal.—Construction will be started shortly on a new edifice for the Baptist Church at Kern and 3rd Sts. Main auditorium will seat 260, exclusive of gallery.

LOS ANGELES, Los Angeles Co., Cal. —Architects Alfred W. Rea and Chas. E. Garstang, 905 Trust & Savings Bldg. Los Angeles, have been commissioned to prepare plans for a new two-story frame and plaster community house building to be erected at Gardena for the Methodist Episcopal Church of Gardena. This will be the first unit of a large church group. Cost, $65,000.

LOS ANGELES, Cal.—Archts. Allison & Allison, 1405 Hibernian Bldg., are taking bids for erecting a new brick and concrete church bldg. at Washington and Cimarron Sts. for the ch. of the Messiah. Bids are being taken separately on the general work, plumbing and heating. Cost $75,000.

SANTA ANA, Orange Co., Cal—Frank Hudson, Higgins Bldg., L. A., has been awarded contr. for erecting the 3-story and basement, brick and conc. class "A" Y. M. C. A. bldg. at Church and Sycamore Sts. Frederick H. Eley, Santa Ana, archt. Est. cost $175,000.

FACTORIES & WAREHOUSES

To Be Done By Day's Work.
FACTORY Cost, $10,000
OAKLAND, S 67th St. 425 W San Pablo Avenue.
One-story tile factory.
Owner—Jensen & Nelsen, 822 Market St., Oakland.

Permits Applied For
PLANT Cost, $95,000
OAKLAND, E 47th Ave. S E-10th St.
Two-story steel corroding bldg. and 1-story tile oxid plant.
Owner—National Lead Co., premises & 485 California St., S .F.
The steel contract has been awarded to Dyer Bros., 17th and Kansas Sts., S. F., at $36,772.

Contract Awarded.
BRICK BLDG. Cost, $——
ANTIOCH, Contra Costa Co., Cal.
One-story brick and steel building west of present machine building.
Owner—Paraffine Companies, 34 First St., San Francisco.
Architect—Leland Rosener, Insurance Bldg., San Francisco.
Contractor—Fred Stamm, 25 A St., Antioch.

Contract Awarded.
FACTORY Cost—
SAN FRANCISCO, S Folsom St. E of Third St.
One-story reinforced concrete factory
Owner—Walter H. Sullivan.
Architect—Leo J. Devlin, Pacific Bldg., San Francisco.
Contractors—Vukicevich & Bagge, 189 Jessie St., San Francisco.

Plans Being Prepared.
STORE AND LOFT Cost, $——
SAN FRANCISCO. S Howard St. near Second St.
Two-story reinforced concrete store and loft building.
Owner—Walter H. Sullivan.
Architect—Leo J. Devlin, Pacific Bldg., San Francisco.

Contract Awarded.
FACTORY Cost, $—
SAN FRANCISCO, S Bryant W of 2nd.
One-story reinforced concrete factory.
Owner—Walter H. Sullivan.
Architect—Leo J. Devlin, Pacific Bldg., San Francisco.
Contractor—O. C. Holt, 180 Jassie St., San Francisco.

Sub-Figures Being Taken.
FACTORY (1st unit) Cost, $90,000
EMERYVILLE, Alameda Co., Cal., Blk bounded by Haven, Harlin, Park Ave. and Santa Fe tracks.
Two-story reinforced concrete factory bldg. 240x82 (designed for 5 stories 240x400) brick curtain walls, steel sash, freight elevators, flat slab construction.
Owner—Doble Steam Motors Co., 714 Harrison St., San Franisco.
Engineer—Earl Markwart, % Lindgren Co., Monadnock Bldg., S. F.
Contractor—Lindgren Co., Monadnock Bldg., San Francisco.

Completing Plans.
WAREHOUSE Cost—
OAKLAND, Alameda Co., Cal., Market and 22nd streets.
One-story reinforced concrete office, warehouse and garage.
Owner—Foster & Kleiser Co., S. F.
Architect — Weeks & Day, California Commercial Union Bldg., S. F.

FRESNO, Fresno Co., Cal.—Sierra & Knapp, Fresno, are having plans prepared for a warehouse to be erected at P and San Benito Sts. Site is 200x150 ft.

CALIFORNIA—John Willys, president of the Willys-Overland Automobile Co., is on the Pacific Coast and within the next ninety days will select a site, either in Los Angeles or San Francisco, for a $750,000 assembling plant. Mr. Willys is now in Los Angeles looking over sites having completed a survey of the San Francisco bay district.

OAKLAND, Cal.—Karl Wessel and J. M. Nelson, capitalists of St. Paul, Minn. are seeking a site in the San Joaquin Valley section on which it is proposed to locate a $3,000,000 plant for the manufacture of hemp products. The proposed plant, according to tentative plans, will cover 12 acres.

OROVILLE, Butte Co., Cal.—W. E. Herrerlie has contract to construct 160,000-gal. conc. vat at plant of Ehmann Olive Company. Other improvements will consist of additions to packing rooms and the installation of extra graders and miscellaneous machinery.

SAN JOSE, Santa Clara Co., Cal.—Minton Co., at $875.21 awarded cont. by supervisors to furnish materials and to Geo. W. Wighiman, 157 Carrie St., San Jose, at $757, cont. for labor to erect building for corporation yard at Mountain View.

TAFT, Kern Co., Cal.—Central California Ice Co., Mono and P Sts., Fresno, will erect ice plant adjoining buildings of the Pacific Oil Co. Geo. Hanning will be in charge of construction.

SUNNYVALE, Santa Clara Co., Cal.—Construction of a $12,000 addition to the plant of the Sunnyvale Concrete Products Co., has been started. The new quarters will be used for manufacture of concrete irrigating pipe.

FRESNO, Fresno Co., Cal.—Golden State Box Factory Corp. of Los Angeles plans to establish a branch plant in Fresno, according to Harry B. Sher, vice-president of the company. Several sites are being considered and an early selection is contemplated.

DELANO, Kern Co., Cal.—Earl Fruit Co. has had plans prepared for a fruit packing plant to be erected NE of Delano at the Di Giorgio orchards. Work will be started to have the structure completed to handle this year's crop.

FLATS

Contract Awarded.
FLATS Cost, $11,240
SAN FRANCISCO. S Balboa 95 E 19th Avenue.
Two-story and basement frame flat building.
Owner—Wm. H. and H. F. Snyder.
Architect & Contractor—A. M. Hardy.

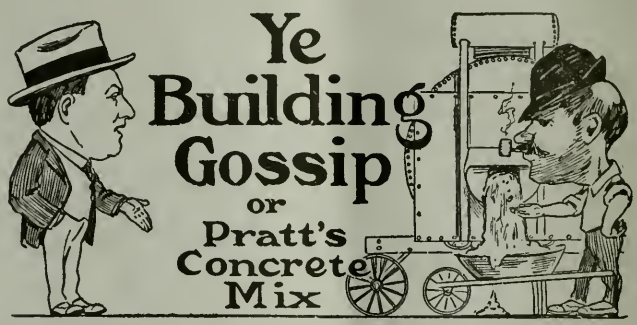
Plans Being Figured.
FLAT BLDG. Cost, $20,000
SAN FRANCISCO. Eighth Ave. and Clement St.
Two-story and basement frame and brick veneer flat building (4 5-room flats and garage).
Owner—Withheld.
Architect—C. O. Clausen, Hearst Bldg., San Francisco.
Figures are being taken for a general contract.

Plans Completed.
FLATS Cost, $12,000
SAN FRANCISCO. NW Anza St. and Sixth Avenue.
Two-story and basement frame (4) flats.
Owner—Howard Hoots, 485 6th Ave., San Francisco.
Architect—E. E. Young, 251 Kearny St., San Francisco.

Plans Being Figured.
FLATS Cost, $15,000
SAN FRANCISCO. Nineteenth and Castro Sts.
Two-story and basement frame and stucco (4) flats.
Owner—Withheld.
Architect—John F. Beuttler, 110 Sutter St., San Francisco.

Contract Awarded.
FLATS Cost, $11,000
SAN FRANCISCO, W 28th Ave. 150 S California.
Two-story and basement frame (2) flats.
Owner—Emil Schabat, 6517 California St., San Francisco.
Architect—None.
Contractor—O. K. Holt, 3877 26th St., San Francisco. $11,000

Contracts Awarded.
FLATS Cost, $12,000
SAN FRANCISCO, E 13th Ave. 125 S California.
Two-story and basement frame (2) flats.
Owner—Mrs. Etta B. Dickinson, 179 20th Ave., S. F.
Contractor—G. W. Urban, 641 O'Farrell St., San Francisco.



THAT WAS a nice story.
IN YESTERDAY'S "Builder."
ABOUT CLARENCE Sand Pratt.
AND HIS new rock and gravel Co.
KNOWN AS.
THE PRATT Rock & Gravel Co.
TO BE started.
IN SACRAMENTO County.
AND SANDY Pratt.
IS SORRY he accused.
SOME INNOCENT girl.
OF WRITING the letter.
SIGNED "HELEN Gone."
WHICH TOLD Sandy Pratt.
HOW OLD and silly he is.
FOR PLAYING golf.
AND EVERYTHING.
BUT THE new rock company.
WILL SELL a world of rock.
AND THEN they may say.
"ROCKY" PRATT instead of "Sandy."
IT TAKES "Rocks" to build.
A LARGE modern plant,
BUT SANDY Pratt has 160 acres.
OF THE most wonderful rock.
IN THE world.
ON HIS new land.
NEAR FOLSOM and Fair Oaks.
AND SANDY has the sand to organize the company.
"I THANK you."

This photograph taken at Rockville or Prattrock in Sacramento County, shows one of the rocks or boulders thrown up by the gold dredgers turned into a silver "rock" for Sandy Pratt, President of the new company, the Pratt Rock & Gravel Co.

To Be Done By Day's Work.
FLATS Cost, $8000
SAN FRANCISCO, W Divisadero 185 N 14th St.
Two-story and basement frame (4) flats.
Owner—Fred Warden.
Architect — J. C. Hladik, Monadnock Bldg., San Francisco.

Figures to be Taken in About a Week.
FRAME FLATS Cost $9,000
SAN FRANCISCO. N Pine 87-6 W Fillmore Street.
Two-story and basement frame (2) flats.
Owner—Carl F. Schlundt, 2221 Webster St., San Francisco.
Architect—A. J. Fabre and E. H. Hildebrand, 110 Sutter St., S. F.

GARAGES

Bids Rejected.
GARAGE BLDG. Cost, $15,000
RICHMOND, Contra Costa Co., Cal. W 11th bet. Macdonald & Nevin Avea.
One-story brick ahd frame auto sales and garage bldg. (white glazed brick exter.)
Owner—I. D. Kirkpatrick and J. S. wood (Durant and Star auto dealera).
Architect—Jas. T. Narbett, 910 Macdonald Ave., Richmo..d.
The lowest bid waa aubmitted by Carl Overaa at approximately $16,000.

Contract Awarded.
GARAGE Cost, $15,000
SAN FRANCISCO, S Golden Gate Ave. 55 E Buchanan.
Two-story reinforced concrete public garage.
Owner—Jas. Pasqualetti, 785 Market St. San Francisco.
Contractor—American Concrete Co., 785 Market St., San Francisco.

SAN LUIS OBISPO, Cal.—W. H. Porter, San Luis Obispo, has contract to erect $10,000 reinforced concrete addition to Pacific Garage at Monterey and Essex Sts.

SANTA ROSA, Sonoma Co., Cal.—V. H. Fahrner of the Fahrner Motor Co. of Santa Rosa plans erection of $150,000 autosalcs and garage building in Mendocino avenue. Structures now on the site will be removed. Lot covera area of 132½ by 240 ft. Construction will not be started for at least six montha and probably a year.

GOVERNMENT WORK AND SUPPLIES

List of Prospective Bidders.
HOSPITAL BLDG. Cost, $1,600,000
LIVERMORE, Alameda Co., Cal. Johnson Ranch, 5 miles from Livermore
Group of 24 reinforced concrete hospital buildings.
Owner—U. S. Government.
Architect — Mathew O'Brien, 68 Post St., San Francisco.
Bids are being received for a general contract and will be opened on March 29, 1923, at 11 A. M., by the Director of the U. S. Veterans' Bureau, Arlington Bldg., Washington, D. C.
The architect has a plan-room at Room 1104 Nevada Bank Bldg., San Francisco, for the use of sub-contractors. The following general contractors have applied for plans:
R. Moller, Call Bldg., San Francisco.
Robert Troat, 26th and Mission St., San Francisco.
Hannah Bros., 142 Sansome St., San Francisco.
Mahoney Bros., Flood Bldg., S. F.
C. L. Wold Co., 185 Stevenson St., San Francisco .
Circle Constr. Co., New York.
Robert McGee, Texas.
Sound Constr. Co., Seattle, Wash.
R. W. Littlefield, 351 12th St., Oakland.
J. F. Walsh, 180 Jessie St., S. F.
I. M. Sommer & Co., Balboa Bldg., San Francisco.

OGDEN, Utah—Following bids rec. by Frank Haynie, Purchasing Agent, U. S. Forsat Service, for fur. and del. No. 9 and No. 12 galv. iron telephone wire:
American Steel & Wire Co., Denver, Colo.:

No. 9 per mi.	No. 12 per mi	f. o. b.
21.19	12.04	Salt Lake
20.35	11.59	Denver
18.84	10.87	Portland
18.84	10.87	Seattle
19.16	11.02	Los Angeles
18.84	10.85	San Francisco.
16.58	9.50	Waukegan, Ill.
15.35	8.86	Worcester, Mass.

Western Electric Co., Salt Lake City, Utah, (No. 9) $15.15; (12) $8.76, f. o. b. Muncie, Ind.
J. A. Roeblings Sons Co., Chicago, Ill., (9) $16.17; (12) $9.32, f. o. b. Trenton, N. J. (9) $19.00 (12) $10.85, f. o. b. Los Angeles, San Francisco, Portland, or Seattle.
Bids taken under advisement until March 10 or until Congress passes Agricultural Appropriation Bill for fiscal year beg. July 1, 1923.

WASHINGTON, D. C.—Bids are being rec. by Bureau of Supplies and Accounts, Navy Department, under the following schedules, for fur. materials for Navy Yards; date of opening bids as noted at end of each paragraph:
Schedula 540, eastern and western yards, 5 refrigerating machines, Mar. 20.
Schedule 541, eastern and western yards, 20 oxygen outlets, March 20.
Schedule 547, Mare Island, 35,000 lbs. sheet steel, March 20.
Schedule 549, Mare Island, 8 coal-burning ranges, March 20.
Schedule 557, for Mare Island, 400 safety treads, March 20.
Schedule 561, for eastern and western yards, 33 ships' refrigerators, March 20.
Schedule 570, Mare Island, 70,000 pounds calcium carbide, March 27.
Schedule 571, Mara Island, a miscellaneous quantity of wondow glass, Mar. 27.
Schedule 578, Mare Island, 65,000 gallons bituminous enamel and 1,000 gallons bituminous primer, March 27.
Schedule 579, Mare Island, 105,000 pounds blanc-fixe, March 27.
Schedule 580, Mare Island, 250,000 feet box and crate lumber, March 27.
Schedule 582, San Diego, a miscellaneous quantity of hospital equipment, March 27.
Schedule 583, San Diego, a miscellaneous quantity if hospital equipment, March 27.

SAN FRANCISCO—Until April 6, 11 A. M., bids will be rec. by U. S. Engineer Office, Customhouse, to const., test and deliver ready for operation one 40-ft. motor dredge tender complete. Further information on application.

WASHINGTON, D. C.—Until March 22, bids will be rec. by U. S. Engineer Office, Portland, Ore., for fur. and del. under Circular No. 97, 23 Grade A dredger sleeves, 25½-in. in dia., 35-in. long and 2 of same 48-in. long. Spec. will be furnished on request.

JOOST BROTHERS
Builders' Hardware
Tools, Etc.
(Members Builders' Exchange)
1053 MARKET ST.
Phone Market 891 San Francisco

WASHINGTON, D. C.—Bureau of Yards and Docks, Navy Department, preparing Specification No. 4792 for auxiliary water aupply system for Pearl Harbor, T. H.

WASHINGTON, D. C.—Until March 14 bids will be rec. by Bureau of Yards and Docks, Navy Department, under Spec. No. 4784, to install elevator in Naval Hospital, San Diego, Calif. Deposit of $10 req. for plans.

WASHINGTON, D. C.—Until March 14, Under Spec. No. 4744, bids will be rec. by Bureau of Yards and Docks, Navy Department, to extend torpedo atorage building at Keyport, Wash. Deposit of $10 req. for plans.

WASHINGTON, D. C.—E. Zimmerli, 151 Cowper St., Palo Alto, at $2134 submits only bid to Supervising Architect, Treasury Dept., to construct gateway at Veterans' Hospital, Palo Alto, Calif.

WASHINGTON, D. C.—The U. S. Bureau of Yards and Docks received the following three bids on March 7 for one-story extensions to shell house and to magazine at the Navy Yard (Ammunition Depot), Mare Island, Calif., under Specifications No. 4742. Each will have concrete foundations on timber piles, ateel columns and trusses, hollow tile walls with exterior stucco, wood-finish flooring and concrete fill on rein. concrete floor base, exterior reinforced concrete platform, asbestos shingle roofing on wood deck, a lightning protection system.
J. Pringle, 212 Anita Road, Burlingame, Cal $88,500
Tibbetts-Pacific Co., S. F. 91,389
Schultz Constr. Co., S. F..... 95,500

HALLS AND SOCIETY BUILDINGS

SANTA ANA, Cal.—Orange County Country Club, newly organized golf club, is considering the purchase of a 150-acre site on Newport Blvd. owned by Bryan & Bradford, and associates. The grounds and proposed club house will cost about $170,000. Charles G. Twiat, promoter, William Watson, golf course archt., has done some preliminary work in the way of designs, estimates, etc.

SANTA CRUZ, Santa Cruz Co., Cal.—Paradise Park comprising about 178 acres, just outside the Santa Cruz city limits, will be among the sites recommended for the proposed Knights of Pythias home for orphans and aged Selection of a location will be made at the grand lodge session to be held in Santa Cruz in May.

LOS ANGELES, Cal.—Winter Constr. Co., 200 L. A. Ry. Bldg., L. A., awarded the gen. contr. at $303,300 for erecting a new class A club bldg. on east aide of Figueroa St., bet. 9th and 10th Sts. for the Friday Morning Club. Allison & Allison, 1405 Hibernian Bldg., L. A., archts. Other contracts which have been awarded are: Cast stonc work to Farris Bros., sheet metal work to National Cornice Works, tile roofing to R. G. Blessing, comp. rfg. to Warren & Bailey, marble and tile work to Joseph Musto Sons-Keenan Co., hard wood fls. to G. W. Kingcade Co., art glass to L. A. Art Glass Co., electrical work to Renard-Stary Elec. Co., and plumbing to Arthur Hess. Contracts which have been recommended and which will be awarded Friday are: Hardware to Bennett-Montgomery Hardware Co., elevators to Otis Elevator Co., heating and ventilating to F. J. Donnelly, and painting to Heinsbergen Decorating Co., The contracts will total $491,978.44.

HUNTINGTON PARK, Los Angeles Co., Cal.—J. C. Barr, 120 N. Pacific Blvd., Huntington Park, has prepared preliminary plans for a three-story brick Masonic Temple building to be erected at Huntington Park. The first story will contain storerooms, with offices and a large public hall on the second floor, and lodge and club rooms on the third floor. The building will cost about $200,000.

RENO, Nevada—Nevada Scottish Rite Bodies have purchased property, 100x 173 feet, at the corner of Virginia and Court streets and plan erection of new temple building. Plans for the structure are yet to be made.

HOSPITALS

Contract Awarded.
HOSPITAL Cost, $153,344
OAKLAND, Alameda Co., Cal. 14th Ave. and Vallecito Place.
Completion of county hospital.
Owner—County of Alameda.
Architect—Henry H. Meyers, Kohl Bldg., San Francisco.
Contractor—Globe Indemnity Co., 444 California St., San Francisco.
Work involves the erection and partial completion of ward building No. 4, 6 and 8 and connecting corridor; also certain partition work, etc., in wards 1 and 2 and in service building.
Contract for this work was held by M. C. Vaughan, Oakland contractor, who abandoned the project. Standard Industrial Engineering Corp. bid on a cost plus 10% basis. Schuler & McDonald bid $153,000 with a fee of $10,000 above that amount to complete the work.
The work will be carled on by the original sub-contractors under a Superintendent of the Globe Indemnity Company.

Sub-Contracts To Be Awarded This Week.
HOSPITAL ANNEX Cost, $200,000
OAKLAND, Alameda Co., Cal., Moss & Broadway.
Four-story reinforced concrete annex for hospital.
Owner—Fabiola Hospital Assn.
Architect—Geo. Wm. Kelham, Sharon Bldg., San Francisco.
Contractor—P. J. Walker Co., Monadnock Bldg., San Francisco.
Construction will be started next week.

Figures to be Taken in Two Weeks.
NURSES' HOME Cost, $125,000
SAN FRANCISCO. Anza St. and Sixth Avenue
Four-story and basement brick nurses' home and two-story brick maternity pavilion
Owner—French Hospital, Premises
Architect — Fabre & Hildebrand, 110 Sutter St, San Francisco

SEATTLE, Wash. — Architect John Graham, L. C. Smith Bldg., Seattle, taking bids for heating system in connection with $1,000,000 St. Vincent's Home for the Aged and House of Providence in West Seattle, the general contract for which has been let to A. W. Quist & Co., Hoge Bldg., Seattle. Bids will be asked shortly for the plumbing, electric work and refrigeration system.

HANFORD, Kings Co., Cal. — Bids will be asked shortly by county supervisors to construct two story brick nurses' home at county hospital grounds; will contain 15 rooms.

SAN DIEGO, San Diego Co., Cal.—Plans are being prepared for a reinforced concrete Class A hospital building to be erected at the end of Fifth St for the San Pedro Diocese Catholic church, Rt. Rev. John J. Cantwell, Bishop. It will have a capacity of 200 beds, using the room system, the ward idea having been eliminated. The plans will be completed shortly and bids are to be called for within two weeks. The present hospital site will be sold to provide part of the fund for this work. The hospital is known as St. Joseph's.

HOTELS

ARROWHEAD, San Bernardino Co., Cal.—Leon Atwood, gen. mgr. Arrowhead Co., states that a Long Beach syndicate is formulating plans to build an inn at Lake Arrowhead. It would consist of a central building, dining rooms, and a number of cabins. The general scheme of the project has been outlined but nothing more than architectural type determined. The style will be Norman to conform to the general landscape. Est. cost, $500,000.

WILLIAMS, Colusa Co., Cal. — Williams Hotel, recently destroyed by fire, will be rebuilt on the old site. A two story reinforced concrete structure is planned, Mrs. Belle W. Moore will finance construction.

LOS ANGELES, Los Angeles Co., Cal.—Archt. Carl Boller, Douglas Bldg., has prepared plans for a 4-to. Class C brick hotel building to be erected at NE Cor. of 6th St. and Westlake Ave., for Hatler-Housman-Kasting Co., 604 Shatto Pl., Los Angeles. It will contain lobby, 151 guest rooms, 70 per cent baths; cem. basement, brick walls, pressed brick facing, cast stone trim, fire escapes, marble and tile work, comp. roofing, metal skylights, pine trim, elevator, steam heating, structural steel; $125,000.

SAN PEDRO, Los Angeles Co., Cal.—Mr. and Mrs. E. H. Breen and Mrs. Myrtle M. Breen have secured a permit to erect a three-story brick hotel (for men only) on N. Fries Ave., Wilmington. Est. cost, $125,000. It will contain 75 rooms, and have pressed brick front, electric call service, plate glass windows. There will be a cafeteria, barber shop, and laundry in the basement.

ICE AND COLD STORAGE PLANTS

CHICO, Butte Co., Cal.—Peerless Ice Cream Co., 1115 G St., Sacramento, has leased quarters in the Randall Bldg., 7th and Broadway and will install refrigerating equipment and fixtures at a cost of $5000.

CHELAN, Wash.—R. R. Moorehead, of Chelan, will erect a $375,000 cold storage and ice manufacturing plant in this city; will mfg. 50 tons of ice daily and have storage capacity of 4000 tons.

POWER PLANTS

CALIFORNIA — See permit granted by Federal Power Commission under heading "Reservoirs and Dams."

LOS ANGELES, Cal.—Until 3 P. M., Mar. 27, bids will be rec. by public service comm., 207 S. Broadway, for item 1, potential transformers and item 2, current transformers, under spec. P-306-350. Jas. P. Vroman, secy.

CALIFORNIA—Los Angeles Gas and Electric Corp., authorized by State Railroad Commission to sell $4,000,000 of its Series F 5½% general and refunding mortgage gold bonds for the purpose of financing in part construc-expenditures during the year 1923. The company estimates its net construction expenditures for 1923 at $8,692,046. Of this amount it is proposed to expend $2,588,275 for additions and improvements to its gas works; $1,577,775 for one 17,500 kilowatt turbo-generator and auxiliary equipment for its electrical works; $950,540 for 11,000 electric services and 12,000 electric meters; $375,726 for misc purposes, and $373,400 for overhead expense.

A. E. Leitch Fred Clark

CLARK & LEITCH ROOFING CO.

Successors to E. S. Warner

Office and Warehouse:

1116 SECOND ST., SACRAMENTO

Phone Main 726

MODESTO, Stanislaus Co., Cal.—Directors of Modesto Irrigation District vote to sell $298,400 in bonds to finance construction of transmission and distribution lines and substations. Percy Jones, ch. eng. for district.

OROVILLE, Butte Co., Cal.—Petitions being circulated asking city trustees to call election to vote bonds to finance purchase of distributing system and gas plant, owned and operated by Pacific Gas and Electric Co.

PUBLIC BUILDINGS

SALEM, Ore.—Following appropriations have been authorized by the Legislative Assembly for improvements at state institutions:
Eastern Oregon State Hospital at Pendleton; complete basement in Unit A, as a ward; complete top story of Unit B with tile floor and partitions, $57,000.
State Institution for Feeble Minded, near Salem, build and equip boys' dormitory, $45,000; install central heating plant and laundry, $88,300; remodel heating system as addition to present dining room, $12,800.
State Tuberculosis Hospital, near Salem, construct and equip childrens' pavilion, $20,500.
Oregon State School for Blind in Salem, erect boy's fire proof dormitory, $35,000.
School for Adult Blind (supported by millage tax) permitted to use surplus of $23,000 to improve grounds, etc.
State Industrial School for Girls, near Salem, fire protection, $2,750; general repairs, $2,008.
State Soldiers' Home, at Roseburg, new kitchen, dining room and commissary dept., $19,200.
State Training School for Boys, near Salem, construct and equip new plant, probably under cottage system, $55,000.

SAN PEDRO, Los Angeles Co., Cal.—Hubert Constr. Co., was low bidder at $51,945 for the erection of a branch library building at San Pedro. Farrell & Miller, 700 Western Mutual Life Bldg., architects. Two-story, 62x105 ft. brick constr., plaster exterior, tufa stone trim, clay tile rfg., oak trim, gas furnace heating, automatic water heating, ornam. iron. Other bids were: Triangle Constr. Co., $54,600; Appleton & Davis, $56,000; W. B. Workman, $56,980; Darrell Condley Co., $57,000; Chas. E. Rowe, $57,526; Willard-Brent Co., $59,700.

SAWTELLE, Los Angeles Co., Cal.—L. A. Bldg. & Contracting Co., Marsh-Strong Bldg., has been awarded the contract at $190,444 for all work complete for erecting an administration and hospital building at Soldiers' Home Sawtelle. The building is to be completed by June 30. It will be 2-sto., 48 x134 ft., reinf. concr. constr., plaster exterior, clay tile rfg., pine trim, terrazzo floors, marble base, steam heating, refrigerator system, lockers.

SAN JOSE, Santa Clara Co., Cal.—Until March 19, 2 p. m., bids will be rec. by Henry A. Pfister, county clerk, for repairs in county recorder's office. Cert. check 10% payable to county clerk req. Plans obtainable from clerk at San Jose.

STOCKTON, San Joaquin Co., Cal.—Engineer Henry Ohm, in report to San Joaquin County Supervisors, condemns present county court house as being "dangerous" and that it "should be condemned, and an entirely new building constructed." Report taken under advisement. Eugene Gramah, County Clerk.

FRESNO, Fresno Co., Cal.—Supervisors contemplate levying direct tax for $26,000 to construct additions to county jail. D. M. Barnwell is county clerk.

YUBA CITY, Sutter Co., Cal.—M. G. West Co., 115 Front St., San Francisco, at $932.75 awarded cont. by supervisors to install metal filing equipment in county clerk's office.

RESIDENCES

Contract Awarded.
RESIDENCE Cost, $15,000
OAKLAND, Alameda Co., Cal. Tunnel Road.
Two-story frame and stucco residence.
Owner—Henry F. Swift.
Architect—Roland I. Stringham, 260 California St., San Francisco.
Contractor—Taylor & Jackson, 299 Tehama St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $20,500
WOODSIDE, San Mateo Co., Cal.
Two-story and basement frame and plaster residence.
Owner—Paul Fay, Palo Alto.
Architect—C. A. Tantau, 251 Kearny St., San Francisco.
Contractor — Harry W. Arnold, Redwood City.

Plans Being Prepared.
RESIDENCE Cost, $15,000
BURLINGAME, San Mateo Co., Cal.
Two-story frame residence (9 rooms).
Owner—Withheld.
Architect—C. O. Clausen, Hearst Bldg., San Francisco.

Plans Being Prepared.
RESIDENCE Cost, $8,000
SAN FRANCISCO. St. Francis Wood
One-story frame and stucco residence.
Owner—Withheld.
Architect—Morrow & Garren, Chronicle Bldg., San Francisco.

Segregated Figures Being Taken.
PARSONAGE Cost, $12,000
SAN FRANCISCO. Howard St. near Eighteenth St.
Two-story and basement frame and brick veneer parsonage (9 rooms).
Owner—Withheld.
Architect — Arthur G. Scholz, Phelan Bldg., San Francisco.

Figures to be Taken in a Few Days.
RESIDENCES Cost, $——
SAN FRANCISCO. W Lyon St. Foot of Green St.
Five two-story frame and stucco duplex residence and - two-story and basement frame residence.
Owner—Carlo Malraia.
Architect—August G. Headman, Call Bldg., San Francisco.

Plans Being Prepared.
RESIDENCE Cost, $18,000
SAN FRANCISCO, Geary St. & 44th Av.
Two-story and basement frame and plaster residence.
Owner—Wm. Schirmer.
Architect—Schirmer-Bugbee Co., Thayer Bldg., Oakland.

Plans Being Prepared.
RESIDENCE Cost, $8000
SAN FRANCISCO, Geary St. & 44th Av.
Two-story frame residence.
Owner—G. B. Schirmer.
Architect—Schirmer-Bugbee Co., Thayer Bldg., Oakland.

Contract Awarded.
RESIDENCE Cost, $14,028
PIEDMONT, Alameda Co., Cal., Crocker Highlands lots 1 and 205.
Two-story frame residence and garage.
Owner—A. F. Edwards, 1227 42nd Ave., Oakland.
Architect—C. W. McCall and William & Wastell, Central Bk. Bldg., Oakland.
Contractor—S. J. Bertelsen, 80 Estrella, Piedmont.

Plans Being Figured.
RESIDENCE Cost, $14,000
SAN JOSE, Santa Clara Co., Cal. 3rd and Carrie Sts.
Two-story frame and plaster residence with tile roof.
Owner—J. H. Blake.
Architect—Chas. S. McKenzie, Bank of San Jose Bldg., San Jose.

Plans Being Figured.
RESIDENCE Cost, $12,000
LOS GATOS, Santa Clara Co., Cal.
One-story 10-room frame and plaster residence.
Owned—Frank Bell.
Architect—Chas. S. McKenzie, Bank of San Jose Bldg., San Jose.

Contract Awarded.
DWELLING Cost, $10,519
SAN FRANCISCO, W Funston Ave. 161 N Taraval.
One-story and basement frame dwlg.
Owner—Frank Lord, 1030 Franklin St., San Francisco.
Contractor—Cox Bros., 1309 9th Ave., San Francisco.

Figures To Be Taken In a Few Days.
RESIDENCE Cost, $28,000
BERKELEY, Alameda Co., Cal.
Three-story frame and stucco residence with tile roof (12 rooms and 3 bathrooms).
Owner—Withheld.
Architect—W. E. Milwain, Pacific Bldg. Oakland.

Contract Awarded.
DWELLING Cost, $10,700
OAKLAND, Lot 24 Blk. 13 Lakeshore Highlands.
Two-story frame dwelling and garage.
Owner—Robert O. Hoedel, 2425 Woolsey, Berkeley.
Contractor—Alex C. Wieben, 839 Rosemont Rd., Oakland.

Plans Being Prepared.
RESIDENCES Cost, $10,000
SAN FRANCISCO. St. Francis Wood.
Three two-story frame and stucco residences.
Owner—Garden Homes Co.
Architect—H. H. Gutterson, 278 Post St., San Francisco.

PALO ALTO, Santa Clara Co., Cal.—Archts. & Engrs. Truesdell, Purinton & Newton, 304 San Fernando Bldg., Los Angeles, are preparing plans for a 16 unit res. court, to consist of four 2-story bldgs., with each unit to contain from 3 to 7 rooms each, at Palo Alto for F. C. Butler, of San Francisco. Stucco, frame constr., tile and comp. rfg., hardwood fls., aut. water htrs., wall beds, metal lath, art stone work, tile mantels, O. P. and hardwood trim, marble work, ornam. iron; cost $42,000.

SCHOOLS

Preliminary Plans Complete.
COLLEGE BLDG. Cost, $350,000
BERKELEY, Alameda Co., Cal., U of C Campus.
Reinf. concrete or stone College Bldg. (Hearst Hall).
Owner—Wm. Randolph Hearst.
Architect—Bernard Maybeck, Lick Bldg San Francisco.

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Figures To Be Taken in a Few Days.
LIBRARY BLDG. Cost, $100,000
BERKELEY, Alameda Co., Cal., Leconte Avenue.
One-story concrete and stone library building, to be known as the Holbrook Memorial Library (1st unit)
Owner—Pacific School of Religion.
Architect—H. W. Ratcliff Jr., First National Bank Bldg., Berkeley.
The second unit will be started in about four months. The school when completed will cost $1,000,000.

Plans Being Figured—Bids Close Mar. 19, 1923, 8 P. M.
SCHOOL Cost, $25,000
MILBRAE, San Mateo Co., Cal.
One-story and basement frame and plaster school (3 rooms and auditorium).
Owner—Milbrae School District.
Architect—Ernest L. Norberg, Balboa Bldg., S. F. and Burlingame.
Bids are being taken for a general contract with separate bids for the plumbing and gas heating. **See call for bids under official proposals.**

Plans Being Figured—Bids Close Mar. 19, 1923, 8 P. M.
SCHOOL Cost, $45,000
MILBRAE, San Mateo Co., Cal.
One-story frame and stucco school (4 classrooms and an auditorium).
Owner—Lomita Park School District.
Architect—Alfred Kuhn & Thos. M. Edwards, 833 Market St., S. F.
Separate bids are being taken for a general contract and the gas heating system. **See call for bids under Official Proposals.**

Bids to be Taken in About Two Weeks
SCHOOLS Cost, $175,000
MODESTO, Stanislaus Co., Cal.
Two new brick grammar schools, $60,000 each and alterations to present schools, $55,000.
Owner—Modesto Grammar School Dist.
Architect — John J. Donovan, 1916 Broadway, Tapscott Bldg., Oakland

Plans Being Prepared.
ADDITION Cost, $40,000
SACRAMENTO, Sacramento Co., Cal. Newton Booth School.
Four-room brick and concrete addition to school.
Owner—City of Sacramento Board of Education.
Architect—Dean & Dean, Library Bldg. Sacramento.

Final Plans Being Completed.
ADDITION Cost, $40,000
SACRAMENTO, Sacramento Co., Cal. Bret Harte School.
Four-room brick and concrete addition to school.
Owner—City of Sacramento Board of Education.
Architect—Dean & Dean, Library Bldg. Sacramento.
Preliminary plans have been approved and final plans ordered to be prepared at the next meeting. Segregated bids will be called for shortly.

HAYWARD, Alameda Co., Cal.—Rucker-Fuller Desk Co., 677 Mission St., San Francisco, at $4.80 (Chair No. 29) and $5.30 ea. (Chair No. 39) submits low bid to Hayward Grammar School District for fur. 750 auditorium chairs of design No. 39-400 C. F. Weber Co. Catalogue No. 922 or eq. Other bidders: Heywood-Wakefield, San Francisco, $5.15 ea. (Chair No. 509); C. F. Webber Co., San Francisco, $5.20 ea. Bids taken under advisement. Jacob Harder, Jr. clerk of district.

LOS ANGELES, Los Angeles Co., Cal.—Until 9 A. M., Mar. 23rd, bids will be received by Board of Education, room 730 Security Bldg., for erecting a new school building at Euclid and Stephenson Aves. Elmer Grey, 622-3 Union Bank Bldg., is the architect. Two-story, 12-units, 167x38 ft., brick constr. face brick, clay tile roof, pine trim, maple floors, reinf. concr. stairs and corridor floors; $84,000.

PORTLAND, Ore.—Quinn & Burton, % Builders' Exchange, Portland, at $208,451 submits low bid to Board of School Directors to erect U. S. Grant high school with an alternate bid of $222,537 for a strictly fireproof structure. Parker & Banfield, Portland, next low at $223,460 with alt. bid $252,996.

WALNUT CREEK, Contra Costa Co., Cal.—W. E. Mauzy & Son awarded cont. to install three woodworking machines for manual training department of Walnut Creek School.

POMONA, Los Angeles Co., Cal.—date for receiving bids for various equipment and sub-contract work on new Pomona high school building, has been extended from March 13 until 8 P. M., of March 27. Robt. H. Orr, 1305 Corp. Bldg., Los Angeles, and W. H. Weeks, 369 Pine St., San Francisco, associate architects. The work includes electric lighting fixtures, stage equipment, auditorium seating, decorating auditorium, Fibrestone, window shades, and special furniture and fixtures.

RICHMOND, Contra Costa Co., Cal.—Until March 16, 2:30 P. M., bids will be rec. by W. T. Helms, Clerk, Richmond School District, for fur. and install. window shades in the Roosevelt Junior High School. Specifications on file in office of Board of Education.

CHICO, Butte Co., Cal.—Western States Seating Co., agents for Leavitt Mfg. Co., at $1,012.82 awarded cont. by Board of Education to fur. and install portable bleacher seats in high school gymnasium; will have seating capacity of 600 persons.

FULLERTON, Orange Co., Cal.—Until 2 P. M., Mar. 27, bids will be rec. by board of trustees of Fullerton union high school and junior college for erecting science addition and east addition to the Fullerton union high school and junior college buildings. Carleton M. Winslow, 1134 Van Nuys Bldg., is the architect. All work will be included in one contract. The additions will be practically identical; 1-sto. and part 2-sto., 280x45 ft., basement for heating plant only, concr. or brick construction, stucco exterior, composition roofing, mastic flooring, quarry tile floors in corridors. Work will also include arcades to connect present buildings, which will form wings to the new additions; $300,000.

SACRAMENTO, Cal. — Bids were opened on March 5th and taken under advisement for one week by Chas. C. Hughes, secy. Board of Education, for installation of light fixtures at high school, as follows: Ceiling and exit fixtures of the auditorium, together with fixtures for the dressing rooms and corridor pertaining thereto, moving picture operator's room, understage lights and two stage side brackets. Scott, Lyman and Stack of Sacramento submitted the lowest bid at $1225 and J. T. Forbes was second low at $1365.

LONG BEACH, L. A. Co., Cal.—J. C. Bannister, 903 N Mariposa St., Los Angeles, was awarded the contract on an alternate deducting $20,100 from his bid of $146,000 for the gen. contr. in erecting a new 3-story school bldg. at 11th St. and Pacific Ave., Long Beach. Other awards were: W. B. Walters, ptg., $1172; Hickman Bros., plbg., $8,906.84; Frank Davidson, steam heating, $7687; Batz Elec. Co., wiring, $3362. John C. Austin and W. Horace Austin, assoc. archts. Ten standard classrooms, kindergarten, open air study, cafeteria, and home economics dept. Brick constr., red ruff. brick facing, cast stone trim.

LOS ANGELES, Los Angeles Co., Cal. Architect Albert C. Martin, 403 Higgins Bldg., is preparing working drawings for a group of convent buildings to be erected on Pico St. near Arlington St., for the Home of the Good Shepherd. There will be three buildings of fireproof construction. The main building will be three story and attic, 50x200 ft.; the children's building will be 3-story, 50x165 ft., and the chapel will be L-shaped, 40x140 ft. Reinf. concr. skeleton constr., brick walls, reinf., concr. floors and roof slab, rug. brick facing, stone or terra cotta trim, slate roofing.

TUCSON, Ariz.—Edward C. English, Citizens National Bank Bldg., Los Angeles, submitted low bid to trustees Tucson high school, March 5, at $630,000 for general contract for the new high school building. Lyman & Place, 76 N. Stone Ave., Tucson, and H. O. Jaastad, 96 N. Stone Ave., Tucson, associate architects. M. L. Tophy, Tucson, bid $642,850; Windsor & Lund, Denver, $668,000; Gordon & Murphy, Tucson, $750,000. Low bids on other contracts were: Western Electric Co., El Paso, on electric work at $18,300; Corbett Hardware & Plumbing Co. on plumbing at $24,000; and J. C. Dykas on heating at $69,890.

CROCKETT, Contra Costa Co., Cal.—The Board of Trustees of the Carquinez Grammer School District in Crockett received the following bids on March 7th, for the construction of a two-story brick and concrete school building to contain twenty-four classrooms, auditorium, kindergarten, domestic science and manual training departments, etc. Plans were prepared by Engineer A. A. Brown, 120 Market street, San Francisco. The bids are within the amount available.

Contract No. 1—Building Complete (General Contract)

Karl Koller, Crockett $245,398

No. 2, General Work Including Excavation, Concrete Work and Carpentry

Trobock & Cress, 180 Jessie St. St., San Francisco $99,700
(1) $465, (2) $3000, (3) $3582, (4) 9147, (5) $995, (6) $836, (7) $3500, 8) $2666.

Karl Koller 116,842
(1) 1173, (1) $2991, (3) $4276, (4) $11,000, (5) $1500, (6) $3500, (7) $5180

F. W. Maurice, Oakland $117,670
(1) $750, (2) $3118, (3) $4600, (4) $7500, (5) $8600, (6) $7600, (7) 9900. (8) $2500, (9) $4500.

No. 3—Grading

Chas. Harlow Jr. $6300
E. E. O'Brien 6495
Hauser 9874

No. 4 Brick, Hollow Tile and Terra Cotta Work

Hock & Hoffmeyer, 180 Jessie St., San Francisco $22,475
$14,595, $18,550, $11,945, $17,745 $11,950.

Jas. Walker, Richmond 24,653
$13,310, $20,567, $22,662, $18,873, $10,968.

White & Gloor, San Francisco .. 24,800
$14,300, $27,000, $12,700, $18,200 $11,000

M. B. McGowan, San Francisco .. 26,187
$17,723, $22,590, $12,750, $19,997 $12,213.

Barton & Rhodes 29,857
$18,050, $25,500, $15,857, $23,550 $13,850.

No. 5—Architectural Terra Cotta

N. Clark & Son, 116 Natoma St., San Francisco $3265
Gladding-McBean Co., S. F. 4175

No. 7 Tile Roofing

United Material Co., Sharon Bldg., San Francisco 3156
Richmond Roofing Co. 3187
(Spanish tile $3245)
Gladding-McBean Co., S. F. 3375
N. Clark & Sons 3580
Pacific Roofing Co. 3800

No. 8—Painting

D. Zelinsky, 22 Turk St., S. F. ... $5937
low bidder
J. J. Burton, Richmond 6964
I. R. Kissel, San Francisco 7665
R. Zelinsky, S. F. 7462
A. Quandt & Son, S. F. 8073

No. 9—Glass & Glazing

Cobbledick-Kibbe Glass Co., 175 Jessie St., S. F. ..... $ 3,246
$400

No. 10—Lathing & Plastering

Wm. Makin, 1048 Excelsior, Okd. 24,400
$1200
Winchcole & Ingraham, Richmond 28,945
$300
MacGruer & Simpson, S. F. 30,946
$895
A. Knowles, San Francisco 31,000
$900

No. 11—Sheet Metal Work

Heldt Cornice Co., 152 First St., San Francisco $1978

No. 12—Plumbing

Thos. R. Catton, 351 12th St., Oakland $10,187
Scott Co., Oakland 10,880
Gilley-Schmidt Co., S. F. 11,740
J. I. Collins, Richmond 13,300

No. 13—Composition Roofing

H. C. Brown Roofing Co., 3267 San Pablo Ave., Oakland $1152
Pacific Roofing Co. 1377
Richmond Roofing Co. 1828
Bender Roofing Co. 1854
Malott & Peterson, S. F. 1844
Oakland Roofing Co. 1864

No. 14—Linoleum

Bonded Floor Co. $2286
W. & J. Sloane Co., S. F. 2764.75
Hulse-Bradford Co., S. F. 2669

No. 15—Heating

Scott Co., 381 11th St., Oakland .. $13,774
(alternates $128 & $400)
K. Nottingham, Oakland 13,926
W. H. Picard, Oakland 13,959
Gilley-Schmidt Co., S. F. 14,280
J. I. Collins 14,944

No. 16—Electrical Work

V. G. Electric Co., 1314 Macdonald Ave., Richmond $5200
King Elec. Co., Oakland 5833
Roberts Mfg. Co., S. F. 6963
M. E. Ryan Co., S. F. 6490
H. S. Tittle Co., S. F. 6500
Pioneer Elec. Co. 6596
Newbery Elec. Co., S. F. 6634
Kenyon Elec. Co. 6736
Crockett Elec. Co. 7213.60
Standard Elec Co. 7300
Vallejo Elec. Light & Power 8499

No. 17—Electric Clocks

International Time Recording Co., San Francisco $1093
Standard Elec. Clock Co., S. F. 1390
$340
Pac. Elec. Clock Co., S. F. 1423
$328

No. 18—Ornamental Iron

Monarch Iron Wks., S. F. $2187
C. J. Hillard, S. F. 3245
Federal Ornam. Iron & Bronze 2360

No. 19—Metal Windows

U. S. Metal Products Co., S. F. $8480
Waterhouse & Wilcox, S. F. (low) 5399
Detroit Steel Products 6880

No. 21—Tile Work

Malott & Peterson, S. F. 1242
Mangrum & Otter, S. F. 1745

SACRAMENTO, Cal.—Bids were received on March 5th by the Board of Education of the City of Sacramento for the construction of a six-room brick and concrete addition to the Washington school, situated on the block bounded by 17th and 18th, E and F Streets.

Plans were prepared by Architect F. A. S. Foale, Oschner Bldg., Sacto.

General contract awarded to Wm. Murcell, Ochsner Bldg., Sacramento $31,194.

Other bidders were:

Chas. Mabrey $34,980
Fred Betz 36,105
Wm. Keating 38,000
Holdener Constr. Co. 39,230

Plumbing awarded to Luppen & Hawley, 906 7th St., Sacramento $3223; Latourrette-Fical Co. submitted the next lowest bid at $3302.

Heating awarded to Luppen & Hawley, at $3920; next lowest bid submitted by Latourrette-Fical Co. at $3937.

Electrical work awarded to J. C. Hobrecht & Co., 1014 6th St., Sacto.

LONG BEACH, L. A. Co., Cal.—Beawick Constr. Co., 230 Newport St., Long Beach, was low bidder on the gen. contract at $132,238 for erecting the new Fourteenth St. and Pacific Ave. school Long Beach. John C. Austin, Detwiler Bldg., Los Angeles, and W. Horace Austin, 222 First Nat. Bank Bldg., Long Beach, assoc. archts. Other low bids were: Baty Elec. Co., elec. wiring, $3362 Frank Davidson, steam heating, $7667; Hickman Bros., plumbing, $8906.84; W. B. Walter, painting, $4298. Bids referred to archt. for report. Ten standard class rooms, kindergarten, open air study cafeteria and home economics dept. Brick constr., red ruff. brick facing, cast stone trim, conc. found., corridor fls. and stairs, hardwood classroom fls., steam heating.

Complete list of bids on file in this office.

LOS ANGELES, Cal.—H. H. Hinds, 361 S Hoover St., was low bidder at $178,350 on the gen. contr. for erecting three new school bldgs. on at each of the following sites: Brooklyn Ave., Atwater Ave. and Woodcrest. The bidgs are practically identical and plans were prepared by Archt. Thos. Franklin Power. Low bidders on other contracts were: Ashworth & Gallop on plumbing at $17,994; Arenz-Waren Co. on painting at $7600; and Franklin & Boyce on heating for Brooklyn Ave. school only at $5683. Bldgs. will each contain 12 rooms; reinf. conc. constr., plas. exter., cast stone trim, tile rfg. Complete list of bids in this office.

NAPA, Napa Co., Cal.—The following bids were received on March 7 by Mrs. J. W. Parker, clerk of the Salvador Union School District in Napa for the construction of a reinforced concrete and frame school from plans prepared by Architect Norman R. Coulter, 46 Kearny street, San Francisco. The contract was awarded to Myrl Crane, 74 Miramar Avenue, San Francisco, for all work.

Myrl R. Crane $25,630
Heat, $2820, guards $230, kitchen $435.
Cochrane, Grant & Boehm 27,820
$3796, $351, $585.
E. W. Daughty 27,715
Heat $—, $462, $520.
Larsen, Siegrist & Co. 28,977
$3795, $575, $545.
L. Halvorsen 29,091
$4126, $505, $566.
W. M. Coffield 29,294
J. G. Leibert 30,978
Heat $—, $551, $600.
Barenta & Paganini, Vallejo 31,291
W. J. Meeker 31,561
$4226, $565, $555.

Heat
Carl Doell & Co., Oakland $3875
D. O'Meara, San Francisco 3900
Gilley-Schmid Co., S. F. 4126
Knittle-Cashel Co., S. F. 4243
A. Swartz & Co. 4180

GILROY, Santa Clara Co., Cal.—The Board of Trustees of the Gilroy High School District opened bids on March 8, and awarded contracts for the construction of a one-story hollow tile and concrete gymnasium building from plans prepared by architects Wyckoff and White, Growers Bank Bldg., San Jose. The general contract was awarded to Wm. Radke of Gilroy, on Propositions No. 2 and 3. The plumbing was awarded to Jas. Muckle, of Gilroy, on Proposition No. 2 and the heating to W. K. Nottingham, 368 10th St., Oakland on Proposition No. 2. The following is a complete list of the bids:

General Contract

Wm. Radke, Gilroy, (1) $64,217, (2) $63,434, (3) $4367.
Morrison Bros., Santa Clara, (1) $66,000 (2) $64,400, (3) $4462.
John Morton, San Francisco, (1) $65,800 (2) $64,960, (2) $4682.
West Coast Construction, (1) $66,300, (2) $65,210, (3) $2000.
E. Nommensen, San Jose, (1) $64,020, (2) $63,220, (3) $4350.

Plumbing

Jas. Muckle, Gilroy, (2) 4643, (2) $4643.
Wm. Serpa, San Jose, (1) $6975, (2) $—

Heating

W. K. Nottingham, Oakland, (1) $12,888 (2) $12,777.
Jas. Enright, (1) $14,350, (2) $14,597.
J. E. O'Mara, S. F., (1) $15,244, (2) $15,544.

VISALIA, Tulare Co., Cal.—Eighteen bids were received by the Visalia School Board for improvements under the $112,000 bond issue, plans for which were prepared by Architects Ernest J. Kump Co., Rowell Bldg., Fresno, and all out the three lowest have been rejected. Improvements consist of two elementary school buildings and an addition to the Highland School. Lowest bids received bring the total cost of the improvements to $108,000 while provision was made in the original estimates for $98,000 for purchase of additional land and equipment. Early action on the bids under advisement is expected.

SUNNYDALE, Wash.—Architect F. A. Naramore, Central Bldg., Seattle, commissioned to prepare plans for $80,000 (first unit) of two-story and basement brick school for Union High School District R, King county, Wash.

BANKS, STORES & OFFICES

Figures To Be Taken Next Week.
STORE BLDG. Cost, $40,000
SAN FRANCISCO, N Bush W Montgomery Street.
One-story brick store bldg.
Owner—Dunn & Williams & Geo. Roos.
Architect—S. Heiman, 67 Post St., S. F.

Plans Being Figured.
STORE BLDG. Cost, $16,000
SAN FRANCISCO. S Geary St. E 21st Avenue.
One-story frame and brick veneer store building (5) stores.
Owner—I. Rummelberg.
Architect—C. O. Clausen, Hearst Bldg., San Francisco.
Figures are being taken for a general contract.

Commissioned to Prepare Plans.
DEPARTMENT STORE Cost, $——
FRESNO, Fresno Co., Cal. SW Tulare and J Sts.
Five or six-story and basement fireproof department store, 150x165 ft.
Owner—Radkin & Kamp, Fresno.
Architect—R. F. Felchlin Co., Bank of Italy Bldg., Fresno.

Steel Figures Being Taken.
OFFICE BLDG. Cost, $1,500,000
SAN FRANCISCO, SE Market & Beale Streets.
Seventeen-story and basement Class A brick, steel & concrete office bldg.
Owner—Pacific Gas & Electric Co.
Architect—Bakewell & Brown, 251 Kearny St., San Franisco.
Consulting Engineer—C. H. Snyder.
Consulting Mechanical Engineers — Hunter & Hunter.
Figures are being taken by Mr. Mahoney, Purchasing Dept. of the Pacific Gas & Electric Co., 445 Sutter St., S. F.

Sub-Contracts Awarded.
LOFT BLDG. Cost, $225,000
SAN FRANCISCO, NE Mission and Fremont Streets.
Four-story and basement reinforced concrete loft building 137-6x137-6.
Owner—Cebrian Company.
Architect — G. A. Applegarth, Claus Spreckels Bldg., San Francisco.
Contractor—P. J. Walker, Monadnock Bldg., San Francisco.
Grading, etc to Sibley Grading & Teaming Co., 135 Landers St.
Piling to M. B. McGowan, 180 Jessie Street.
Structural steel to Schrader Iron Wks., 1247 Harrison St.
Sprinkling system to Pacific Fire Extinguisher Co., 440 Howard St.
Heating to Scott Co., 243 Minna St.
Plumbing to Lawson & Drucker, 450 Hayes St.
Painting to A. Quandt, 374 Guerrero St.
Mill work to Pacific Mfg. Co., 177 Stevenson St.
Elevators to Otis Elev. Co., Beach & Stockton Streets.
Electric wiring to Turner Co., 218 Natoma Street.
Hardwood floors to Geary Floor Co., 180 Jessie Street.
Marble work to American Marble & Mosaic Co., 25 Columbia Sq.
Vault doors to M. G. West Co., 117 Front Street.

Contractors Taking Sub-Figures.
STORE & OFFICE BLDG. Cost. $——
BERKELEY, Alameda Co., Cal. NE Shattuck Ave. and Durant St.
Two-story reinforced concrete store and office building, 80x120.
Owner—Lester W. Hink.
Architect—W. H. Ratcliff Jr., First National Bank Bldg., Berkeley.
Contractor—Conner & Conner.

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3117-3119 TWENTIETH STREET near Harrison St.

SAN FRANCISCO, CALIF.

Contractors To Take Sub-Figures in a Week.
OFFICE BLDG. Cost, $1,000,000
SAN FRANCISCO, NE Post and Powell Streets.
Nine-story and basement class A office building
Owner—Wm. & Mary E. Fitzhugh.
Architect—Reid Bros., 105 Montgomery Street, S. F.
Contractor—P. J. Walker Co., Sharon Bldg., San Francisco.

Contract Awarded.
OFFICE BLDG. Cost, $100,000
SAN FRANCISCO, N California St. 139 W Kearny St.
Two-story reinforced concrete store and office building 50x137-6.
Owner — Louis R. Lurie, Mills Bldg., San Francisco.
Architect—O'Brien Bros., 315 Montgomery St., San Francisco.
Contractor—Vukicevich & Bagge, 155 Stevenson St., S. F.

Contract Awarded.
STORES Cost, $59,650
FRESNO, Fresno Co., Cal., Inyo and J Streets.
One-story brick stores (10 stores)
Owner—Mrs. A. Goorabian.
Engineer—L. H. Nishkian, Monadnock Bldg., San Francisco.
Contractor—Frederickson & Shannon, Cory Building.

Additional Contracts Awarded.
OFFICE BLDG. Cost—
OAKLAND, Alameda Co., Cal., 13th & Franklin Sts.
Nineteen-story class A office and publishing bldg.
Owner—Tribune Publishing Co.
Architect — Edw. T. Foulkes, Crocker Bldg., San Francisco.
Electrical wiring, fixtures etc. awarded to NePage McKenny Co., 517 18th St., Oakland, $23,979.
Brick work, granite and terra cotta to Wm. J. Baccus, 251 12th St., Oakland, $21,370.
As reported before, the plumbing and heating has been awarded to Scott Co., 331 11th St., Oakland.

Commissioned To Prepare Plans.
OFFICE BLDG. Cost, $1,250,000
SAN FRANCISCO, NE Post & Mason Sts
Twelve or 15-story class A Physicians and Dentists office bldg.
Owner—Medico-Dental Building Cptn.
Architect—Geo. Wm. Kelham, Sharon Bldg., San Francisco.

Plans Being Prepared.
STORE BLDG. Cost$—
SACRAMENTO, SE 13th & J Sts.
One-story concrete store bldg., 160x160 (13 stores).
Owner—W. C. Wright and A. R. Gallaway Jr., of Wright & Kimbrough.

Bids In Contracts To Be Awarded Shortly.
BANK BUILDING Cost $—
OAKLAND, Alameda Co., Cal., E. Fourteenth St. and Fruitvale Ave.
Two-story reinforced concrete bank building.
Owner—Central National Bank., Okd.
Architect—Wm. Knowles, Hearst Bldg., San Francisco and Central Bank Bldg., Oakland.

Contract Awarded
ALTERATIONS Cost, $11,450
FRESNO, Fresno Co., Cal. No. 1536 Tulare Street.
Alter and add to store building.
Owner—Lee Toy, 1544½ Tulare St., Fresno.
Architect—None.
Contractor—E. J. Farr, 245 Forthcamp Ave., Fresno.

Contract Awarded.
OFFICE BLDG. Cost, $26,400
OAKLAND, Alameda Co, Cal., E Franklin St. north of the Fulton Theatre
Two-story reinforced concrete office bldg., 25x150 (cement front).
Owner—Rupert Whitehead.
Lessee—Wickham-Havens Co., Inc.
Architect—Chas. W. McCall, Central Bank Bldg., Oakland.
Contractor—M. E. Hooper & Son., 1117 Weber St., Oakland.

CHICO, Butte Co., Cal.—The following is a complete list of the bids received on March 1st by Architect Chester Cole, of Chico, for the construction of a 4-story class C bank and office building for the First National Bank of Chico. The contract was awarded to the lowest bidder, Hannah Bros., 142 Sansome Street, S. F., at $165,000.
Hannah Bros., 142 Sansome St., S. F., $165,000.
Fred Betz, 432 Ochsner Bldg., Sacramento, $167,200.
Larsen & Siegrist, S. F., $168,777.
J. L. McLaughlin, 251 Kearny St., S. F. $170,000.
L. E. Hite, 515½ D St., Marysville, $174,300.
John Morton, 217 Balboa Bldg., S. F., $175,000.
Wm. Murcell, Sacramento, $175,933.
J. L. Webster, Chico, $176,080
Herndon & Finnigan, 1814 17th St., Sacramento, $179,800.
Brown & Stafford, Madera, $180,973.
R. B. McKenzie, Gerber, $183,116.
Chas. S. Mabrey Co., Sacramento, $187,500.

LOS ANGELES, Los Angeles Co., Cal.—Weymouth Crowell Co., 902 S. Alvarado St., Los Angeles, has been awarded a contr. for erecting a three-story and basement telephone building at SE Cor. of 69th St. and Vermont Ave. for So. Cal. Telephone Co. It will be 81x 114 ft., concr. basement, steel frame, brick walls, pressed brick and terra cotta facing, marble and tile work, fire escapes, fire doors, ventilators, steel sash, reinforced concrete floors and roof slab, etc.

POMONA, Los Angeles Co., Cal.—J. V. McNeil Co., 736 H. W. Hellman Bldg., has been awarded the general contract, except terra cotta, marble, elevators, plumbing, wiring and heating, at about $190,000 for erecting a five-story, mezzanine story and basement Class A bank and office building at Pomona for the First National Bank of that city. Curlett & Beelman, 408 Union Bank Bldg., Los Angeles, are the architects. The bank will occupy a space, 60x90 ft., with safe deposit department in the basement. There will also be one store room in the first story Eachof the uppr atories will contain 20 offices. Dimensions, 60x120 ft., reinforced concrete construction, brick filler walls, terra cotta and pressed brick facing.

BERKELEY, Alamida Co., Cal.—The First Berkeley Branch of the Mercantile Trust Co. has purchased the property on the northeast corner of Shattuck Ave. and Center St. in Berkeley and will erect a new bank building. The architect has not been selected.

The Elmwood Branch of the Mercantile Trust Company has purchased the northeast corner of Ashby and College avenues in Berkeley and will improve the property with a fireproof bank building.

LOS ANGELES, Cal.—C. J. Kubach Co., 701 Mer. Nat. Bank Bldg., was low bidder on the gen. contr. at $1,370,000 for erecting the new Chamber of Commerce Bldg. on 12th St., extending from Hill St. to Broadway; John C. Austin, 1125 Baker-Detwiler Bldg., and John Parkinson, 420 Title Ins. Bldg., assoc. archts. The Kubach Co. also submitted a general bid including all work compl., except elevators at $2,169,000, low bidders on other contracts than the general were: Burnett Manufacturing Co., on elevators at $114,828; Baker Iron Works on struc. steel at $501,170; B. V. Collins and Joseph Musto Sons-Keenan Co. on marble and tile work at $181,625; Distefano Bros. & Manzani only bid on terrazzo at $23,968.82 Geo. L. Patterson Co., on electric wiring at $36,796; H. H. Mann on painting at $21,161; J. Hokom on steam htg. and ventilating at $89,087; Bayer-Rothgeb on ornam. iron work at $36,796; H. H. Mann on painting at $21,151; cotta at $302,360; Howe Bros. on plumbing & gas fitting at $80,418; Randall Control & Hydrometric Corp. bid $24,435 on elevator door control and signal system; F. S. Alter Co. bid $65,000 for an electric heating and ventilating system. The bids were taken under advisement and referred to the officers of the Chamber of Commerce, the building committee and the archts. to tabulate and sumbit a report to a special meeting to be called at the pleasure of the president. A complete list of the bids on file in this office.

LOS ANGELES, Los Angeles Co., Cal.—Architects Morgan, Walls & Morgan, 1124 Van Nuys Bldg., have completed plans and are taking bids for erecting a five-story Class A building on E. 1st St. near Alameda St. for the Los Angeles Soap Co. It will be a cambination office and warehouse building, 60x 270 ft., reinf. concr. constr., steel sash, steel rolling doors, elevators, etc.

SEATTLE, Wash.—Architects Schack Young and Meyers, Lippy Bldg., completing plans for two-story and basement store and office building to be erected at 4th Ave. and Columbia St. for James Campbell, of Campbell Lumber Co., represented by A. L. Hawley Co., estate managers, Central Bldg., Seattle. Est. cost $85,000. Plans will be made for foundations and walls capable of carrying 6 additional stories.

THEATRES

Plans Being Figured.
ALTERATIONS Cost, $20,000
SAN MATEO, San Mateo Co., Cal.
Alterations and additions to Regent Theatre.
Owner—J. Arkush.
Architect—Weeks & Day, California Ins. Bldg., San Francisco.

PORTLAND, Ore. — Architect Lee Thomas, U. S. National Bank Bldg., has completed plans for one-story reinforced concrete and brick store and theatre to be erected for Bob White at E-65th and Foster Rd.; est. cost, $50,000; seating capacity, 750.

PASADENA, Los Angeles Co., Cal.—J. H. Woodworth & Son, 200 E. Colorado St., Pasadena, are preparing plans and will erect a $100,000, two-story brick theatre and office building at the northeast corner of Hollywood Blvd. and Hillhurst Ave. for the Community Building Corp. L. L. Bard, proprietor Bard's Theatre, Hill St. near 5th St., Los Angeles, has leased the theatre. Foundation, 70x149 ft., stucco exterior, composition roof, 2 stores, 4 offices, 900-seat theatre.

WHARVES & DOCKS

SANTA MONICA, Cal.—H. D. Johnson and Capt. Jas. T. Benson have purchased the Santa Monica pleasure pier and will expend $50,000 at once in remodeling. The agreement calls for expenditure of $150,000 or more before the summer.

MISCELLANEOUS BUILDING

Preliminary Plans Being Prepared.
SHOPS, ETC. Cost, $1,000,000
STOCKTON, San Joaquin Co., Cal. Adjoining W. P. R. R. Tracks.
Terminal shops, round house, storehouses, tracks (type of construction not decided).
Owner—Western Pacific Co., Mills Bldg., San Francisco.
Architect—Engineering Dept. of Owner

SAN JOSE, Santa Clara Co., Cal.—The Mercury Herald has purchased a 50 vara lot at 3rd and San Fernando streets and is planning on erecting a 3-story fireproof building. If the structure is built, Wolfe & Higgins, Auzerais Bldg., San Jose, will be the architects.

CHICO, Butte Co., Cal.—Cannon & Co., Sacramento, at $810, b. o. b. Chico, awarded contract by Bidwell Park Commission to furnish 4500 hollow tile for bath house to be erected in park grounds.

HONCUT, Butte Co., Cal.—Standard Oil Co. has started construction of a distributing plant here. Improvements include three 20,000 gal. storage tanks in addition to the installation of pumping equipment, etc.

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Official Proposals

A call for bids published in this section indicates that bids are desired from other than local bidders Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

BIDS WANTED FOR FRAME & STUCCO SCHOOL

NOTICE TO CONTRACTORS

Notice is hereby given that the undersigned trustees of the Millbrae Grammar School District, County of San Mateo, State of California, will receive sealed bids at the Lomita Park School, Lomita Park, County of San Mateo, State of California, for the erection and completion of a one-story frame school building, with plumbing and gas heating (separate contracts), all in said district **up to the hour of eight (8) o'clock P. M. on Monday, the 19th day of March, 1923,** at which said time and place said bids will be publicly opened.

All bids must be addressed to Mr. Geo. Davis, Clerk of the Milbrae Grammar School District, Millbrae, San Mateo County, California, and must be accompanied by a certified check on some responsible bank in the State of California, made payable to the order of aforesaid clerk of said Board of School Trustees, in amount equal to at least ten (10) per cent of the largest bid so submitted, and no proposal will be considered by said Board unless accompanied by such check.

The said check to be forfeited to said Millbrae Grammar School District, as ascertained and liquidated damages in case the successful bidder fails or refuses to enter into a contract to perform the work and give the bonds hereinafter required, within ten days after the date of the award.

The plans and specifications for said works may be obtained from E. L. Norberg, architect, 407 Occidental Avenue, Burlingame, and Balboa Bldg., San Francisco, California.

Said work must be performed according to said plans and specifications and completed in 120 (one hundred and twenty working days from the date of the execution of the contract.

The bidders to whom the contracts are awarded will be required at the time of the execution of the contract, and as a condition to the acceptance of his bid to execute and file a good and sufficient bond, executed by a surety company, or by two responsible sureties to be approved by the said Board of Trustees of said district, in an amount of not less than fifty (50) per cent of the total amount payable under the terms of the contract, to secure the faithful performance of the contract and the full payment of claims for any material, or supplies of labor, of any kind whatsoever used in the construction of the said works to be constructed under the said contract.

Bids must be submitted on forms supplied by architect, and the said Board of Trustees expressly reserve the right to reject any and all bids.

A deposit of $10 will be required from contractors for the safe return of plans and specifications.

Done by order of the Board of Trustees of the Millbrae Grammar School District, County of San Mateo, State of California.

S. E. THROWELL, Trustee.
F. A. McNULTY, Trustee.
MR. GEO. DAVIS,
Clerk of the Board of Trustees.

BIDS WANTED FOR FRAME AND STUCCO SCHOOL BUILDING

(Estimated Cost, $45,000)

NOTICE TO CONTRACTORS

Notice is hereby given by the Milbrae School District of San Mateo County, State of California, for sealed proposals to be delivered to Geo. J. Davis, Clerk of the Board of Trustees for said School District, at the Lomita Park School House, **until Monday, the 19th day of March, 1923, at 8 o'clock P. M., of said day,** for the erection and completion of a new building for the Lomita Park School, of the Milbrae School District to be located at Lomita Park on present school site, San Mateo County, California, according to specifications and plans therefor on file with the Clerk of said Board of School Trustees, and at the office of Alfred Kuhn and Thomas M. Edwards, Associated Architects, 833 Market St., San Francisco, Calif., to which reference is hereby made.

On a deposit of fifteen dollars, complete sets of said plans and specifications may be had by any prospective bidder, and shall be returned on or before the 25th day of March, 1923. If not returned by said time, or if mutilated, the said deposit may be retained by said School District, as agreed and liquidated damages for said mutilation or detention.

Bids must be made on proposals obtained at the office of said Architects and be signed by the bidder, accompanied by a certified check for at least ten (10%) per cent of the amount of the bid or proposal, certified to by some responsible bank or banker, and made payable to George J. Davis, Clerk of said Board of Trustees, to be retained by the said School District as agreed and liquidated damages should the party, or parties, to whom the contract shall be awarded fail to enter into the contract after the award, or to give bonds required for the faithful performance of the contract, or any bond required by law or this Board.

Bids will be opened by the Board of Trustees for said School District on Monday, March 19th, 1923, at the hour of 8 P. M. in the Lomita Park School House, Limita Park, San Mateo County, State of California. The Board reserves the right to reject any or all bids.

GEORGE J. DAVIS, Clerk.

BIDS WANTED FOR GAS HEATING SYSTEM

NOTICE TO CONTRACTORS

Notice is hereby given by the Millbrae School District of San Mateo County, State of California, for sealed proposals to be delivered to George J. Davis, Clerk of the Board of Trustees for said School District at Lomita Park School House, **until Monday, the 19th day of March, 1923, at 8 o'clock P. M. of said day,** for a Gas Steam Heating System in a new building for the Lomita Park School, of the Millbrae School District, to be erected at Lomita Park on present school site, San Mateo County, California, according to specifications and plans therefor on file with the Clerk of said Board of School Trustees, and at the office of Alfred Kuhn and Thomas M. Edwards, Associated Architects, 833 Market St., San Francisco, Calif., to which reference is hereby made.

On a deposit of Fifteen Dollars, complete sets of said plans and specifications may be had by any prospective bidder and shall be returned on or before the 25th day of March, 1923. If not returned by said time, or if mutilated, the said deposit may be retained by the said School District as agreed and liquidated damages for said mutilation or detention.

Bids must be made on proposals obtained at the office of said Architects, and be signed by the bidder, accompanied by a certified check for at least ten (10%) per cent of the amount of the bid or proposal, certified to by some responsible bank or banker, and made payable to George J. Davis, Clerk of said Board of Trustees, to be retained by the said School District as agreed and liquidated damages should the party or parties, to whom the contract shall be awarded fail to enter into the contract, after the award, or to give bonds required for the faithful performance of the contract, or any bond required by law or this Board.

Bids will be opened by the Board or Trustees for said School District on Monday, March 19th, 1923, at the hour of 8 P. M. in the Lomita Park School House, Lomita Park, San Mateo County, State of California. The Board reserves the right to reject any or all bids.

GEORGE J. DAVIS, Clerk.

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BIDS WANTED FOR ALTERING U. S. BUILDING

NOTICE TO CONTRACTORS

Office of Supervising Superintendent of Construction, Room 402 Post Office Bldg., San Francisco, Calif., Feb. 21, 1923.

SEALED PROPOSALS will be received and opened in this office at 12 o'clock M. March 15, 1923, for furnishing the materials and labor for alterations for District Court, etc., at the U. S. Court House, Post Office & Custom House, Los Angeles, Cal. Drawings and specifications may be obtained from the Custodian, or at this office, in the discretion of the Supervising Superintendent. Wm. Arthur Newman, Acting Supervising Superintendent.

BIDS WANTED FOR U. S. VETERANS' HOSPITAL BUILDINGS

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received by the Director, U. S. Veterans' Bureau, Arlington Building, Washington, D. C., until 11 A. M., March 29, 1923 and then and there publicly opened, for complete construction of 24 reinforced concrete buildings and utilities of the U. S. Veterans' Hospital at Livermore, California. Drawings and specifications may be obtained upon application to the office of Matthew O'Brien, Architect, No. 68 Post Street, San Francisco, California. Deposit of a certified check or postal money order for $250.00, payable to Matthew O'Brien, is required as security for the safe return of the drawings and specifications. C. R. Forbes, Director, U. S. Veterans' Bureau. February 27, 1923.

Engineering News Section

BRIDGES

GLOBE, Ariz.—Until 5 p. m., March 26, bids will be rec. by city council to const. bridge at intersection of Haskins Rd and N. Broad St. Wilson T. Wright, city clerk

SALEM, Ore.—Bids will be rec. by State Highway Commission March 27, meeting in Multnomah County Court House, Portland, Ore., for bridge construction as follows: Bridge over Jump-Off Joe creek, nr. Grants Pass, $13,500; over Kamath river at Spencers, $41,500; over Bear creek, nr. Svenson, $8500; over North canal at Bend, $3600; over Pilot Butte canal at Redmond, $3200. Herbert Nunn, State Highway Eng.

SALEM, Ore.—Bids will be asked in April by State Highway Commission to const. bridge over Lewis and Clark river near Astoria; est. cost, $175,000. Herbert Nunn, Highway, Eng.

SAN JOSE, Santa Clara Co., Cal.—County Surv. preparing plans for culverts in Supervisor Dist. No. 5; one culvert in McCoy Ave., and another in Middlefield Rd., Henry A. Pfister, county Clerk.

SAN FRANCISCO — Application to construct a cantilever type bridge over the Carquinez Straits at Vallejo, has been filed by the Rodeo-Vallejo Ferry Co., with Major U. S. Grant 111, U. S. Army Engineers. Plans were made by C. E. Dereleth Jr., chief engineer of the company with offices at the foot of Hyde St., San Francisco. It was originally planned to construct a suspension bridge but this was abandoned due to increased costs. The Ferry company will construct however, the type of bridge advised by the War Department.

SAN ANSELMO, Marin Co., Cal. — Town votes bonds of $75,000 to finance const. of 5 rein. conc. girder bridges. J. J. Jessup, town eng.

OROVILLE, Butte Co., Cal.—County Purchasing Agent Frank Boyle authorized by supervisors to purchase 100,000 board feet lumber to be used in bridge construction. Harry H. Hume, county rd. eng.

SONORA, Tuolumne Co., Cal.—Swerer and Sullivan, Jamestown, Calif., at $4375.75 awarded cont. by supervisors to const. rein. conc. slab bridge over Blanket creek. Strachan, Bishop and Brooks, Sacramento, bid $6023.50.

REDWOOD CITY, San Mateo Co., Cal. —City will construct two bridges in improving Jefferson St., est. cost $9400. C. L. Dimmitt, city eng.

DREDGING, HARBOR WORKS AND EXCAVATIONS

STOCKTON, San Joaquin Co., Cal.—City council votes to call election in May to vote bonds of $2,000,000 to finance dredging of channels and rivers for deep sea water front.

STOCKTON, San Joaquin Co., Cal.—The action of the city council in placing the $2,000,000 bond proposal for deep water to the sea has been rescinded.

OAKLAND, Cal.—G. A. Renner, 628 Montgomery St., San Francisco, at (a) $1630 using eucalyptus piles and (b) $1580 using creosoted piles, submits low bid to city council to renew portion of quay fender line near ft. of Grove St. A. W. Kitchen, San Francisco, bid (a) $2170; (b) $2170. Taken under advisement.

IRRIGATION PROJECTS

CALIFORNIA—Following is a partial list of applications for permits to appropriate water, filed with State Department of Public Works, Division of Water Rights, during month of February for permits to appropriate water:

App. 3250 (Butte Co.) Almon E. Smith, Magalia, Cal. for 3 cu. ft. per sec. from Middle Butte Creek, for mining purposes; est. cost $3000.

App 3251 (San Diego Co.) Eva Rose Griffin Lloyd, El Cajon, Cal., for 5 ac. ft. from a natural spring for irrigation and domestic purposes. Proposes to irrigate 11½ acres. Est. cost $1000.

App. 3252 (San Bernardino Co.) Joseph S. Strawser, San Bernardino Cal., for .005 cu. ft. per sec. from a spring for domestic purposes. Est. cost $1000.

App. 3253 (Riverside Co.) Herbert F. Nelles, Riverside, Cal., for 2.00 cu. ft. per sec. from Cottonwood Canyon, for domestic and agricultural purposes. Proposes to irrigate 320 acres.

App. 3257 (Tehama Co.) H. L. Shannon, San Francisco, Cal., for 150 cu. ft. per sec. from Sacramento River, for power purposes. Proposes to develop 10,200 h. p. Ditch and flume to be about 10 miles long. Est. cost, $650,000.

App. 3260 (Sierra Co.) E. K. Davis, Alhambra, Cal., for 6 cu. ft. per sec. from Deer Lake, for power purposes. Proposes to develop 250 h. p. Est. cost $7500.

App. 3262 (San Bernardino Co.) Claud R. Yake, Randsburg, Cal., for .12 cu. ft. per sec. from Sheep Spring for mining purposes. Est. cost $5000.

App. 3263 (Shasta Co.) W. H. Samson, corning, Cal., for 2000 cu. ft. per sec. and 400,000 ac. ft. from Clear Creek for power purposes. Proposes to develop 128,000 t. h. p.

App. 3264 (Shasta Co.) W. H. Samson, Corning, Cal. for 1250 cu. ft. per sec. and 200,000 ac. ft. per sec. and 200,000 ac. ft. from Clear Creek for irrigation of 100,000 acres in Sacramento valley.

App. 3267 (San Bernardino Co.) Harry L. Scott, Etiwanda, Cal., for .08 cu. ft. per sec. from an unnamed stream for irrigation of 35 acres. Est. cost, $3000.

App. 3268 (Los Angeles Co.) Franklin W. Robinson, Sandberg, Cal., for .5 cu. ft. per sec. from Horse Camp Canyon, Shake Canyon and Poison Oak Canyon, for irrigation of 40 acres. Est. cost, $4000.

App. 3271 (Siskiyou Co.) Weyerhaeuser Realty Co., Tacoma, Wash., for 1.67 cu. ft. per sec. from Klamath River for irrigation of 133.7 acres. Est. cost, $5730.

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PERMITS

Following is partial list of permits granted during month of February:

Permit 1299 (Trinity County) L. A. Grange, 316 Bank of Italy Bldg., Oakland, for 43 cu. ft. per sec. from East Fork of Stuarts Fork and Strope Creek for mining purposes. Est. cost $2500.

Permit 1300 (Trinity Co.) L. A. Grange, 316 Bank of Italy Bldg., Oakland, for 19.50 cu. ft. per sec. from East Fork of Stuarts Fork Creek for mining purposes. Est. cost, $2500.

Permit 1301 (Shasta Co.) Ada Bidwell and E. F. Johnson, Round Mountain, Cal., for 5.75 cu. ft. per sec. from Montgomery Creek for irrigation of 460 acres. Est. cost $8000.

Permit 1303 (Tuolumne and Calaveras Counties) Utica Mining Co., 575 Mills Bldg., San Francisco, for 6144 ac. ft. per annum from Highland Creek for power purposes; proposes to develop 3294 t. h. p. Est. cost $150,000.

Permit 1304 (Tehama Co.) P. B. Cross care of Rudolph W. Van Norden, Mills Bldg., San Francisco, for 150 cu. ft. per sec. from Deer Creek for power purposes. Proposes to develop 18,629 t. h. p. Est. cost $1,660,648.

Permit 1307 (Trinity Co.) T. M. Gibson, 1813 Clinton Ave., Alameda, Cal., for 50 cu. ft. per sec. from Canyon Creek for mining purposes. Est. cost $30,000.

Permit 1308 (Humboldt Co.) J. E. Benbow, Eureka, Cal., for 1.12 cu. ft. per sec. from East Branch for irrigation of 90 acres. Est. cost $4000.

Permit 1309 (Del Norte Co.) Henry Kenitta and Matt Kenitta, Holland California, for 40 cubic feet per second from West Fork Creek for mining purposes. Est. cost $2500.

Permit 1320 (Sacramento county) Joseph W. Gross, Trustee, 1029 Forum Building, Sacramento, Cal., for 16 cu. ft. per sec. from Cosumnes Rives for irrigation of 1280 aces near point of diversion. Est. cost $30,000.

BRENTWOOD, Contra Costa Co., Cal. —Until March 17, 4 p. m., bids will be rec. by M. Elwood Gates, secy. Lone Tree Irrigation District to const. 62 drops, involv. approx. 2 cu. yds. concrete each and check-up and turn-out gates for approx. 60 service points, involv. 150 cu. yds. conc. Gravel and cem. will be furnished by district. Cert. chk. 2% req. **See call for bids under official proposal section in this issue.**

RIVERSIDE, Fresno Co., Cal.—Until April 3 bids will be rec. by Tina Z. Cushman, secy. Riverdale Irrigation District for purchase of $123,000 bond issue; proceeds of sale to finance construction of works in the district.

LIGHTING SYSTEMS

HUNTINGTON BEACH, Cal. — City recently voted bonds of $300,000 to pave portions of state highway in within city limits. Project includes installation of lighting system costing approx. $20,000.

PORTERVILLE, Tulare Co., Cal.—Chamber of Commerce votes to install electrolier system under the Vrooman Act. Petitions are being circulated and will be presented to city trustees shortly.

LOS ANGELES, Cal.—Until 10 a. m., March 12, bids will be rec. by Bd. Pub. Wks. to const. lighting system in 6th St., bet. Pacific Ave. and Gaffey St. (San Pedro). Plans and spec. on file at office of city electrician, 205 S city hall annex.

LOS ANGELES, Cal.—Council declares intention to install own lighting system in Arden Blvd., betw. Melrose and Rosewood Ave., and in Hollywood Blvd., betw. Orchid and La Breja Aves.; 1911 Act.

LOS ANGELES, Cal.—Osborn Electric Co., Turlock, submitted low bid to Bd. Pub. Wks. at $15,816 to const. ornam. lighting system in Pacific Ave., betw. 14th St. and Harilton Ave. Other bids were: So. Cal. Electric Co., $16,555; Newbery Electric Co., $17,169; C. W. Sparks, $17,231; Paulson Constr. Co., $17,450; A. C. Rice, $17,886; H. H. Walker, $17,894.

Osborn Electric Co. low bidder at $14,369 to const. ornam. lighting system in Pacific Ave., bet. 14th St. and Hamil-49 ft. south of 14th Street. Other bids were: So. Cal. Electric Co., $15,100; Newbery Electric Co., $15,676; C. W. Sparks, $15,792.45; Paulson Constr. Co., $15,941; H. H. Walker, $16,622; A. C. Rice, $16,678.30.

Osborn Electric Co. low bidder at $7230 to const. ornam. lighting system in 7th St., bet. Pacific Ave. and Gaffey St. Other bids were: C. W. Sparks, $7,-365.10; So. Cal. Electric Co., $7377; Newbery Electric Co., $7830; Paulson Constr Co., $7876; H. H. Walker, $7987; A. C. Rice, $8133.40.

LOS ANGELES, Cal.—Until 9:30 a. m. March 19, bids will be rec. by county supervisors to const. ornam. lighting system in Santa Monica Blvd., bet. Noble Ave. and west city boundary and portions of La Brea Ave. and other streets, in county imp. dist. No. 2.

MACHINERY & EQUIPMENT

OLYMPIA, Wash. — Jerry Caldwell, Pioneer Bldg., at approx. $38,000, submits low bid to State Highway Commission for fur. and del. 53 road graders.

LOS ANGELES, Cal. — Brown-Bevis Co., 122 E 3rd St., submitted low bid to public serv. comm., Feb. 27, at $845 and $847 f. o. b. Los Angeles, for one portable conveyor under spec. 304-345, Stephens-Adamson Mfg. Co. bid $1000.

LOS ANGELES, Cal. — Brown-Bevis Co., 422 E 3rd St., awarded contract by Public Serv. Comm. at $747 for portable conveyor under spec. P-304-345, f. o. b. East Power St.

FOLSOM, Sacramento Co., Cal.—Pratt Building Material Co., Hearst Bldg., San Francisco, will establish a rock crushing and gravel plant and will purchase rock crushers, belt conveyors, steam shovel, machine shop equipment, etc. In addition to the erection of bunkers the company will construct an industrial railroad.

WASHINGTON, D. C.—See under "Gov't. Work & Supplies" column, this issue.

SAN JOSE, Santa Clara Co., Cal.—Following bids rejected by supervisors for fur. and del. trailers due to error in advertisement for bids and new bids will be asked: Picchetti Bros. & Co., one trailer, $2076.25; two trailers at $1991 each; Artana Geoffroy, trailer, $1135; Holt Manufacturing Co., $945; Utility Sales Co., $1080; Benson & Weaver, $1275 and $1475; Ralston Iron Works, Inc., $1637. Henry A. Pfister, County Clerk.

SAN FRANCISCO—Bids will be asked by Bd. of Supervisors, J. Dunnigan, Clerk, shortly to repair Lund Street Sweeper, same to be re-assembled in general. Present expander shaft and bearing housing to be removed and side plates turned up to receive the new end bearings; (expander mechanism to be furnished by contractor); remove wheel bracket, straighten and install back in place; install new brooms (to be furnished by City St. Repair Dept.)

RAILROADS

MEXICO CITY, Mex.—A formal agreement has been signed between Government officials and H. B. Titcomb, president of the S. P. Railway of Mexico, under which the latter company will complete the 109 mi. gap bet. Tepic and Guardalajara, the work to cost about 30 million pesos.

STOCKTON, San Joaquin Co., Cal.—Western Pacific Railroad Co., Mills Bldg., San Francisco, has acquired a site partly within the city limits of Stockton and will undertake improvements costing approximately $1,500,000, according to Chas. M. Levy, president of the company. In addition to constructing shop buildings the improvements will involve approximately 30 miles of track.

CALIFORNIA—The California State Railroad Commission has received from the Interstate Commerce Commission a copy of an application filed by the S. P. Co. for permit to const. a branch line bet. Magunden and Arvin in Kern county, a distance of 19 mi. Line is to commence at Magunden, a point on the Southern Pacific main line, about 4 mi. east of Bakersfield, run south 7 mi. thence east 5 mi., thence south 4 mi. and will serve what is locally known as the Weed Patch-Arvin District.

BILLINGS, Montana—Chicago, Burlington and Quincy Railway is planning to construct a $2,500,000 branch railroad in southeast Montana to tap the semi-bituminous coal fields. Road will be 60 mi. branch and will start from the main line, which runs from Billings, through the southwest corner of South Dakota, through Nebraska and into the network of Burlington lines. The Northern Pacific Railway is preparing to build a similar line south from its main road near Forsyth, Mont., into the Rosebud fields, where it will operate large strip mines.

CARSON CITY, Nevada—A resolution to grant a franchise for a railroad from Winnemucca through Tonopah, Goldfield and Beatty to the California line has been introduced in the Nevada legislature. It is understood that one of the large railroad companies is behind the project.

LOS ANGELES, Cal.—Penn Bridge Co., Beaver Falls, Pa., submitted low bid to public serv. comm. at $49,500 for structural steel and railroad rails. Other bids were: Baker Iron Wks., $62,-608; Union Iron Wks., $69,900.

FOLSOM, Sacramento Co., Cal.—Pratt Building Material Co., Hearst Bldg., San Francisco, will construct industrial railroad at site of proposed rock crushing plant.

SAN FRANCISCO—On recommendation of City Engineer M. M. O'Shaughnessy city will start condemnation proceedings to obtain property, 280 by 400 ft. in block bounded by Mariposa, Bryant, York and 17th streets, adjoining the municipal car barns on which it is proposed to erect a reinforced concrete building to house repair shops, paint shops, etc., for municipal railway system.

SAN FRANCISCO—Finance and Public Utilities Committees of Board of Supervisors will decide within 10 days whether election will be called to vote bonds of $2,000,000 to finance extensions to municipal railway system. M. M. O'Shaughnessy, city eng.

VISALIA, Tulare Co., Cal.—Southern Pacific Co. granted permit by city trustees to construct 4-mi. spur track from Richgrove to Di Giorgio vineyard and fruit lands n. e. of Delano.

FIRE ALARM SYSTEMS

MODESTO, Stanislaus Co., Cal. — A bond election to be held in April will provide funds to extend fire alarm system. Geo. Wallace, chief of dept.

FIRE EQUIPMENT

CERES, Stanislaus Co., Cal. — City trustees contemplate purchase of motor fire fighting apparatus.

DELANO, Kern Co., Cal.—City will vote bonds of $15,000 March 17 to finance purchase of fire apparatus. Date for election was originally set for March 5.

MODESTO, Stanislaus Co., Cal.—City will vote bonds of approx. $55,000 in April to finance purchase of additional motor fire equipment.

SAN FRANCISCO—Until March 13, 12 M., bids will be rec. by B. P. Lamb, Sec'ty. Park Commission, Park Lodge, Golden Gate Park, for fur. 12,000 ft., more or less, 1-in. hose, 50 ft. lengths, coupled; 2,000 ft. to be delivered prior to April 1, 1923; the remainder to be delivered prior to May 1, 1923. Material to be fully guaranteed for one year. Cert. check 10% payable to Park Comm. req. with each bid. Forms for bidding will be furnished on request.

TULARE, Tulare Co., Cal.—City trustees contemplate purchase of motor fire equipment. Roy Tozer, Ch. of Fire Dept.

FIREBAUGH, Fresno Co., Cal.—Town will vote bonds of $5000 in April to finance purchase of motor fire engine.

MISCELLANEOUS SUPPLIES

SAN DIEGO, Cal.—City council has authorized purchasing agent to purchase 30 tons sulphate of alumina in the open market. The sum of $1500 was appropriated for this material. It is to be used for treating the water in the city reservoir.

SEATTLE, Wash.—Until March 9, 10 a. m., bids will be rec. by Wm. D. Freeman, city purchasing agent, for fur. 1000 ft. lead covered cable, for St. Railway Department.

SAN FRANCISCO—Until March 13, 12 M bids will be rec. by B. P. Lamb, secy. Park Commission, Park Lodge, Golden Gate Park, for delivery prior to April 14, 1923, at new Municipal Playground, Great Highway and Sloat Blvd., 110,000 sq. ft., more or less, floor mesh, 84-in. widths, assorted lengths, equal in construction and design to the product manufactured by the Clinton Electric Welded Fabric Co., of Clinton, Mass., and listed by them as "4x4-in. by No. 4 W & N Gauge plain steel Clinton Welded Fabric." Material to fulfill stand. Spec. of Amer. Soc. for Testing Material. Cert. check 10% payable to Bd. Park Comm. req. with each bid. Blanks for bidding will be furnished on request.

SAN FRANCISCO—Until March 13, 12 M. bids will be rec. by Board of Park Commissioners, B. P. Lamb, secy. Park Lodge, Golden Gate Park, for immediate delivery at the new Municipal Playground, Great Highway and Sloat Blvd in such quantities and at times desired: 156,000 lbs., more or less, of ½-in. sq. deformed steel reinforcing bars, 60 ft. lengths. Material to fulfill the standard specifications of the Amer. Soc. of Testing Material. Cert. check 10% payable to Bd. Park Comm. req. with each bid. Blanks for bidding will be furnished on request.

WASHINGTON, D. C. — See supply bids wanted under "U. S. Government Work and Supplies" column, this issue.

RESERVOIRS AND DAMS

SALEM, Ore.—North Canal Co., 500 Journal Bldg., Portland, Ore., files application with state eng. for permit to const. Crane Prairie reservoir for water storage of 160,000 ac. ft. reservoir to be placed in channel of west fork of Deschutes river; dam of loose rock with timber facing resting on hand-laid rubble masonry wall; wasteway to be cyclopean masonry and outlet a conc. lined tunnel 9 ft. sq. controlled by iron gates operated by lifting devices. Total area to be submerged 7750 acres; water to be used for irrigation, power and domestic purposes. Est. cost $160,000.

CALIFORNIA—See applications and permits filed with State Department of Public Works, Division of Water Rights, under heading "Irrigation Projects."

SALEM, Ore.—J. C. Humphrey and P. A. Weller, of Jasper, Ore., file application with state eng. for permit to appropriate 10 sec. ft. water from Hills creek, tributary to Willamette river, for fluming lumber and forest products, timber crib dam; timber headgate and flume 3½ mi. long; est cost $15,000.

OAKDALE, Stanislaus Co., Cal.—A. J. Wiley, consulting engineer for the Oakdale Irrigation District submits estimates to directors covering cost of Melones dam and reservoir project. The dam, estimated to cost $1,657,000, will be of the constant radius circular arch, 450 ft. long with radius of 238 ft. at vertical upstream face. Wings, built as gravity extensions of the arch have combined length of 135 ft. making total of 585 ft., divided into 9 sections by concrete piers, space between piers being controlled by spillway gates; gates, each 12 ft. high and 57 ft. 3-in. long of hollow steel drums. Lowest part of dam will be about 210 ft. below reservoir. Dam estimates are segregated as follows:

Railroad, $191,250; river diversion & pumping $25,000; temporary by-pass $15,000; 17,000 c. y. foundation $76,500; 2260 c. y. tunnel $22,500; 560 c. y. tunnel $8400; 91,000 c. y. concrete $819,000; 2250 c. y. concrete $45,000; 150,000 lbs. rein. steel $9000; 22,000 lbs. structural steel, $1760, 35,000 lbs. trashrack $2800; 215,000 lbs. in headgates $32,250; 4000 lbs. copper seals $1200; 3000 lin. ft. drilling grout holes $12,000; 50 c. y. pressure grouting $3000; valves $50,000; 50,000 lbs. rein. steel $3000; 515,000 lbs. riveted steel gates $51,500; 9 sluice gates $7200; 9 butterfly valves $4500; engineering, superintendence and contingencies, $276,040; total $1,657,000.

CALIFORNIA—Lars Jorgensen, consulting engineer, Chronicle Bldg., San Francisco, is authorized by Federal Power Commission to develop three major and three minor projects on the middle fork of the Feather river. It is proposed to erect a 350,000 h. p. electric generating plant.

The project involved in the above permit is a huge impounding reservoir on the middle fork or Feather River, proposed to be built by the Middle Fork Development Company, of which Lars Jorgensen is chief engineer and Karl Brenne of San Francisco, is president. The ultimate aim of the company was announced in 1921 to be the construction of three storage reservoirs and six hydro-electric plants with a generating capacity of 201,000 horsepower. The entire project would cost $30,000,000.

Water from the reservoirs would be sold to existing irrigation districts in the Sacramento Valley. Hydro-electric plants would be located at Nelson Point Crooked Bar and Dean Creek. The proposed reservoirs and their capacity were given as follows: Grizzly Valley, 90,000 ac. ft.; Buck's Ranch, 70,000 ac. ft., Gold Lake, 19,000 ac. ft.

Shortly following the announcement of the plan to construct this series of reservoirs, it was reported in San Francisco that the project had the backing of Payne Whitney of New York and Bulkeley Wells of Denver, Both are associated with the Metals Exploration Company and Yuba Development Company, which companies are constructing the Bullards Bar Dam on the Yuba River. The proposed dam at Grizzly Valley, is to be 350 ft. long and 108 ft. high.

Eng. Jorgensen announces that construction on the first unit will be started in the Spring of 1924. The first development will be at Bean Creek, where 48,000 horsepower will be developed at an estimated cost of $5,000,000.

Financing the Middle Fork Development Company is the R. C. Storris & Co., Crocker Bldg., San Francisco, engineering contractors.

NAPA, Napa Co., Cal.—Bordwell & Zimmerman, Calistoga, at $117,980 awarded cont. by city council to construct Canyon dam for municipal water works system. Contract for cement let to F. G. Noyes Co. and Napa Lumber Co., Hadt-Kalk Co., 71 New Montgomery St., San Francisco, awarded contract for reinforcing steel at $1636.50; gate valves to Water Works Supply Co., Call Bldg., San Francisco, $841.70; iron work, etc., to S. F. Engineering Co., 322 6th St., San Francisco, $4268. H. Kempky, Hobart Bldg., San Francisco, consulting eng. H. A. Harrold, city eng.

EVERETT, Wash.—City Water Supt. Carl Klapp has submitted plans to city commissioners for new reservoir to be built near the Golf and Country Club site. Plans call for a basin 400 ft. sq., 23 ft. depth, conc. lined. Reservoir is to hold 20,000,000 gallons. Excav. calls for 175,000 yds. The cross-town water-main to cost $350,000 will be constructed under a separate contract.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Further information regarding these opportunities may be had from Domestic and Foreign Trade Bureau, Chamber of Commerce, Merchants Exchange Bldg., by referring to index number:

6797 — San Francisco, Calif. Gentleman leaving for the Orient will be able to represent several non-competing lines for Pacific Coast firms. Novelties, technical goods, chemicals, paints and similar lines are desired.

6806 — Guantanamo, Cuba. Party wishes to represent manufacturers or exporters of heavy hardware in the Cuban market.

D-468—San Diego, Calif. Party has patent rights on three different tool couplings and desires contracts with firms in San Francisco interested in manufacturing auger bits, bit extensions and bit braces.

D-469 — Cleveland, O. Manufacturers of window ventilators desires distributor this market. Descriptive circular on file with Domestic Trade Bureau.

D-470 — Home City, Indiana. New company organizing desires to appoint San Francisco agent to distribute their tile used for floors and walls in bath rooms and public buildings.

D-472 — Salt Lake City, Utah. Party desires to represent San Francisco jobbers in Idaho, Utah and Wyoming territories.

D-473—Stockton, Calif. Party is in the market for a second hand combination mill machine. Either the Crescent or National make preferred — also wants a used combination rip and cut-up saw with Dado head. Wants catalogs of builders' hardware.

D-475 — Portland, Ore. Party now in San Francisco desires to get in touch with San Francisco manufacturers of various lines for distribution of their goods in the Northwest territory.

SANTA ROSA, Sonoma Co., Cal.—R. B. Cleghorn has entered into a partnership with W. L. Proctor, contractor and builder, Rosenberg Bldg., Santa Rosa, and desires to receive various catalogues and journals covering the construction field

SAN FRANCISCO—Further information regarding these opportunities may be had from Domestic Trade Bureau, Chamber of Commerce, Merchants Exchange Bldg. The Bureau desires replies only from businesses thoroughly worthy of investigation, of real merit, and offering sound opportunities for future development on a profitable scale. State facts in a conservative manner and eliminate extravagant statements.

CD-31—Cleveland, O. Young progressive business man with fair amount of capital desires business opportunities submitted to him.

CD-32—Olney, Ill. Young man, twenty-nine, with nine years' banking experience desires opportunities submitted. Several thousand for investment.

CD-33—Kansas City, Mo. Party with banking experience desires business opportunities submitted offering worthy future and will make small investment.

CD-34 — Detroit, Michigan. Stock salesman understanding the building and loan business desires connection San Francisco. Can make small investment.

CD-35—Lostant, Ill. Party desires to invest from $5000 to $10,000 in legitimate enterprise and wants salary of $200 per month with business.

CD-36—Boston, Mass. Party desires connection with productive business with a view to permanency and is willing to invest from $10,000 to $15,000.

CD-38—Gary, Indiana. Party desires to purchase small business. Amount not stipulated.

CD-39—Dunkirk, N. Y. Business opportunities are desired by man with investment of $15,000.

CD-40—Springfield, O. Party desires business connection submitted—can invest up to $3000.

CD-42—Circleville, Kns. Party with several years' experience as school teacher desires business opening in San Francisco. Will invest a few thousand dollars.

CD-43—New York City, N. Y. Retired seafaring man desires to enter business field San Francisco. Investment $3000.

CD-44—Edmonton, Alta. Can. Party with twenty-five years' experience in retail and wholesale merchandising, now vice president and general manager of concern, desires business connection and will invest several thousand dollars.

PIPE LINES, WELLS, ETC.

SANTA BARBARA, Cal — Southern Counties Gas Co. contemplates expenditure of $300,000 in laying new gas mains from the natural gas wells at Ventura to Santa Barbara, and connecting the line with Santa Paula.

PASADENA, Cal.—Mark-Lally Co., 2nd & Tehama Sts., San Francisco, awarded the contr. by city directors for fur. a lot of assorted sizes of hub end and hub screw gate valves.

LOS ANGELES, Cal. — Baker Iron Works, 912 N Broadway, awarded contract by public service comm. for fur. 10,000 ft. riveted sheet steel pipe, f. o. b. trench side, item 1, at $5.16, and item 2, 6c lb. added for fittings.

LOS ANGELES, Cal.—Crane Co., 319 E 3rd St., submitted low bid to public serv. comm., for glav. wrought steel pipe, under Joint Adv. No. 98, unit prices being $5.78, $7.08, $10.06, $16.29, $21.89; Mark-Lally Co. bid $7.50, $7.95, $11.30, $11.80, $24.60.

Busch Pipe & Foundry Co., 150 N Los Angeles St., submitted low bid at $14.38 for 2-in. standard wrought steel black pipe. Quantity required is 30,000 ft. Other bids were: Mark-Lally Co., $19.45; Crane Co., $19.45.

American Cast Iron Pipe Co., 439 E 3rd St., submitted low bid at $56.20 and $57.30 for cast iron pipe under spec. 646-B. The bid totaled approx. $60,000. U. S. Cast Iron Pipe and Fdy Co. bid $57.40 and $58.40.

PASADENA, Cal. — The U. S. Cast Iron Pipe & Foundry Co. submits only bid for pipe and fittings for the city water dept. as follows: $57.25 ton for 2004 ft. 30-in. class B. c. l. pipe and 5.65c lb. for same class fittings; $57.25 ton for 2700 ft. 30-in. class B c. l. pipe and 5.65c lb. same class fittings.

LOS ANGELES, Cal.—All bids for 3-in. and 4-in. rough steel pipe under spec. 646-F rejected by public service comm. and the dept. ordered to purchase same as needed.

SACRAMENTO, Cal.—Pacific Gas and Electric Co., 445 Sutter St., San Francisco, has authorized an expenditure of $11,921 to install gas mains in Stockton Blvd. for a distance of approx 1½ mi. Work will be done by company crews.

CALIFORNIA—See applications and permits filed with State Department of Public Works, Division of Water Rights, under heading "Irrigation Projects."

LOS ANGELES, Cal.—Bids rec. by public service comm., for 30,000 ft. wrought steel pipe under Joint Adv. 99, rejected.

ANAHEIM, Cal.—Until 8 p. m., Mar. 22, bids will be rec. by City Trustees for 3530 ft. 4-in.; 4700 ft. 6-in. and 1640 ft. 10-in. cast iron water pipe. All to be class C and 12-ft. lengths. Cert. chk. or bond 10%.

LOS ANGELES, Cal.—Bids rec. by public service comm. for wrought steel galvanized pipe under Joint Adv. 98 rejected.

WATSONVILLE, Santa Cruz Co., Cal. —American Cast Iron Pipe Co., Balboa Bldg., San Francisco, at $17,112.77 f. o. b. Watsonville, awarded contract by city trustees to furnish pipe and fittings for water works. Contract covers furnishing of 1152 ft. 12-in., 5456 ft. 8-in., 352 ft. 6-in. and 7264 ft. 4-in. c. i. bell and spigot pipe; 36 ft. 12-in., 32 ft. 8-in. and 128 ft. 6-in. c. i. spigot ends; in addition to the following fittings, all to be bell ends, with following exceptions: 2 ¼ bends 4-in., bell on one end, standard screw on other; 6 6x4-in., 1 8x6-in., 4 8x4-in. and 1 12x8-in. reducer, small end bell; all bell end fittings; 1 12x12x12-in and 1 12x12x4-in. tee; 1 12-in.-¼ bend, 2-8-in.—1/16 bend, 6 8x6-in. cross, 20 8x8x6-in. tees, 1 8-in. ¼, and 1 8-in. 1/32 bend; 1 8x8-in. cross, 2 8x8x4-in. and 1 12x12x6-in tee; 3 6-in ¼ bends, 4 6-in. sleeves 10-in., 8 8-in. sleeves 12-in., and 4 12-in. sleeves 14 ft. length; 10 4x4x4-in. and 2 8x8x4-in. tees; 3 4x4-in crosses, 2 6x6x4-in. and 1 10x10x4-in cutting in tees.

National C. I. Pipe Co., represented by W. P. Horn Co., bid $17,511.47; U. S. C. I. Pipe and Foundry Co., $17,237.10. The latter company offered a pipe cast without the use of sand for about $1400 less.

MISCELLANEOUS CONSTRUCTION

SACRAMENTO, Cal.—Clark & Henery Constr. Co., Ochsner Bldg., Sacramento, granted permit by city commission to construct asphalt plant at 1316 B St.; est. cost, $20,000.

BRENTWOOD, Contra Costa Co., Cal. —Shell Oil Co., will establish a $100,000 distributing depot here. Negotiations are under way to lease considerable property facing the highway in the north section of the town. A large number of steel storage tanks will be included in the improvements.

EUREKA, Nevada.—Eureka Smelter and Mining Co. is having plans prepared for a 2500 ton daily capacity smelter. A. P. Mayberry, Salt Lake City, Utah, mining engineer for company.

SAN JOSE, Santa Clara Co., Cal.—J. R. Wilson has been commissioned by the San Jose Chamber of Commerce to supervise the construction of a race track at the 6--acre county fair grounds site on the King road. Track will be used for horses, auto, motorcycle and bicycle races.

SACRAMENTO, Cal. —Tentative plans for a tunnel passage-way for pedestrians at the 12th St. subway, have been submitted to the city commission by Albert Givan, City Eng. Tunnel approx. 170 ft. long, costing $27,000 is contemplated. Funds will be provided in a bond election to be called shortly to finance various municipal improvements.

SEATTLE, Wash.—Until March 30, 10 a. m., bids will be rec. by C. B. Bagley, secy. Bd. Pub. Wks., to drive tunnel under Duwamish waterway at 1st Ave. south; same to be lined with concrete. Cert. check 5% payable to city comptroller req. Spec. obtainable from secretary.

WATER WORKS

LOS ANGELES, Cal.—Until 11 A. M., March 26, bids will be rec. by supervisors and the governing body of county water works dist. No. 5, for all labor and material for a domestic water system in Los Angeles county water works dist. No. 5, Belle Vernon, near Compton. Separate bids will be rec. as follows: (1) cast iron pipe and fittings, (2) wrought iron pipe and fittings, (3) steel tank and tower and all incidental work, (4) pumping equipment and accessories, (5) water distributing system, concr. pump house, pipe ducts, and cleaning bed, (6) iron body water valves, (7) brass angle valves, (8) steel A frame. Plans and spec. on file at office of board.

BAKERSFIELD, Kern Co., Cal. — Frank Gillelen, of the firm of Olmsted and Gillelen, consulting engineers, Hollingsworth Bldg., Los Angeles, has been commissioned by the Bakersfield Municipal Water District to appraise the two water plants and submit a report as to needed improvements to provide increase fire protection in addition to constructing extensions for future growth of city.

PASADENA, Cal.—Allis-Chalmers Co. awarded contract at $194,215 for fur. city water dept. a steam turbine engine. General Elec. Co. bid $197,170; Westinghouse Elec. & Mfg. Co., $188,350

CALIFORNIA—See applications and permits filed with State Department of Public Works, Division of Water Rights, under heading "Irrigation Projects."

SAN BERNARDINO, Cal.—An election will be held March 13, to vote on a $140,000 bond issue to const. municipal water works system. J. H. Osborn, city clerk.

CHICO, Butte Co., Cal. — Proposition to vote bonds of $475,000 to purchase and improve three privately owned water systems for a municipal project failed to carry.

BUENA PARK, Cal. — Chamber of Commerce backs movement to secure a modern water system for Buena Park A petition will be presented to the supervisors.

MANTECA, San Joaquin Co., Cal.—State Railroad Commission places $56,500 valuation on the Manteca Water Works, Inc. City proposes to purchase the system under a bond issue to operate as a municipal project.

WASHINGTON, D. C.—See auxiliary water supply system under "Government Work and Supplies" column, this issue.

LOS ANGELES, Cal.—Until 3 p. m., March 9, bids will be rec. by public service comm., 207 S Bdwy., for fire hydrants, under Spec. No. 650. Jas. P. Vroman, secy.

SAN FRANCISCO—Until March 13, 12 M., bids will be rec. by B. P. Lamb, secy. Park Commission, Park Lodge, Golden Gate Park, for immediate delivery to Krogh Pump and Machinery Co., 147 Beale St., San Francisco, three 3-phase, 440-volt electric motors for operating the pumping unit of the Municipal Golf Links at Lake Merced. One 125-HP, 1750 R. P. M. horizontal motor; one 5-HP, 1800 R. P. M. horizontal motor and three 20 H P 1800 R. P. M. vertical motors. Cert. check 10% payable to Bd. Park Comm. req. Forms for bidding will be furnished on request.

SANTA BARBARA, Cal.—The $850,000 bond issue for a water supply and distributing system for Montecito county water dist. carried at the special election March 1. The proposed plan is to construct a tunnel through Toro Canyon at a cost of $350,000 to secure a seepage flow, sufficient for present needs, and to build a distributing system costing $500,000. Cook, Wyant & Moore, consulting engrs., prepared the preliminary report for the dist.

CHICO, Butte Co., Cal.—Miller Hardware Co., Chico at $773.95 awarded contract by Bidwell Park Commission to install water pressure system in park grounds

NAPA, Cal. — See "Reservoirs and Dams" column, this issue.

SAN FRANCISCO—High McGill, 763 San Bruno Ave., at $15,771 submits low bid to Bd. Pub. Works to const. high pressure fire mains and appurtenances in portions of Leavenworth, Beach and Jones Sts. Other bidders: Jas. R. McElroy, $15,996; Louis J. Cohn, $16,484; Michael Murphy, $17,530; Schultz Const. Co., $18,944; A. J. Raisch, $21,800.

ESCONDIDO, Cal.—March 9 is date set to vote $15,000 bond issue to purchase distributing system of Escondido Mutual Water Co.

CHICO, Butte Co., Cal.—Petitions being circulated seeking another election to vote bonds of $275,000 to purchase and improve three privately owned water systems to operate as a municipal project. Election recently held failed to carry by 12 votes. F. S. Robinson, city eng.

COLUSA, Colusa Co., Cal.—City trustee, Brown, authorized to purchase water meters required by municipal water department.

SAN FRANCISCO—Krogh Pump Works, 147 Beale St., at $8,950 submits low bid to Board of Park Comm. for fur. and install. two well pumping plants, 80 to 150-ft. lifts, for the Lake Merced Golf links in the vicinity of Sloat Blvd. and the Great Highway. Other bids: Byron-Jackson Co., $9841; Simonds Machinery Co., $11,949. Taken under advisement.

PLAYGROUNDS & PARKS

WATSONVILLE, Santa Cruz Co., Cal. —Pajaro Valley Mercantile Co., Watsonville, at $710 awarded cont. by Watsonville Union High School Dist. for fur. and erecting 340-ft. metal fencing at school grounds. Other bids: P. J. Freiermuth Co., Watsonville, $973; A. P. Beck, Watsonville, $745.50.

SAN FRANCISCO—Until March 8, 2:30 p. m., bids will be rec. by M. Philomene Hagan, secy. Playground Commission, 3rd floor, city hall, to erect 6-ft. fence around portion of Margaret S. Hayward playground in block bounded by Golden Gate Ave., Turk, Octavia and Laguna Sts. Cert. check 10% payable to secy. req. Work to be completed 45 days after award of contract. Spec. on file in office of secy.

DELANO, Kern Co., Cal.—City will vote bonds of $5000 March 17 to finance purchase of lands for municipal center, to be later laid out for park and playground purposes.

Contractors Machine Works

We Specialize in rebuilding and repairing contractors' equipment.
We build rock bunkers, elevators and conveyors, portable pumping plants, hoist and rock crushers.
Let us give you an estimate on your work.
We buy and sell used equipment.

CREAR & BATES

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SANTA CRUZ, Santa Cruz Co., Cal.—Board of Education plans to lay out base ball field in south section of park facing Laurel St.

SEWERS AND STREET WORK

SAN FRANCISCO—Until March 21, 3 p. m., bids will be rec. by Bd. Pub. Wks. for imp. Edna Ave., bet. Joost and Monterey Blvd., involv. 2643 cu. yds. cut; 930 cu. yds. fill; 1605 lin. ft. conc. curb; 12,660 sq. ft. conc. and 8553 sq. ft. asph. conc. pavement; 3 br. catchbasins; 110 lin. ft. 10-in. pipe culvert; 8 wye branches for 12-in. sewer; 100 lin. ft. 12-in. tile sewer and 370 sq. ft. art. stone walks. M. M. O'Shaughnessy, 3rd floor, city hall, city eng.

LOS ANGELES, Cal.—Wm. Liddington, 420 E. 60th St., awarded contract by Bd. Pub. Wks. at $86,466 to improve Hillhurst Ave., bet. Los Feliz Blvd. and Hollywood Blvd., involv. grading at $11,980; 236,270 sq. ft. conc. paving at 22c. ft.; 1282 sq. ft. oiling at 6c ft.; 1164 ft. curb at 65c ft.; 20,976 sq. ft. walk at 19.8c ft.; 256 sq. ft. gutter at 25c ft.; 350 ft. hse. sewers at $1.50 ft. Canadian-American Inv. Co., W. 2nd St., awarded contr. at $12,935 to imp. Raleigh St., bet. Wilton Pl. and Van Ness Ave., involv. grading at $1500; 17,662 sq. ft. conc. paving at 23c ft.; 8375 sq. ft. Warrenite paving at 28c ft.; 1095 ft. curb at 70c ft. 5752 sq. ft. walk at 22c ft.; 598 sq. ft. conc. gutter at 32c ft.; storm drain, $2240; 330 ft. hse. sewers at $1.50 ft.

SOUTH SAN FRANCISCO, San Mateo Co., Cal.—City trustees have approved spec. to imp. streets in San Bruno Park City Eng. Geo. A. Kneese ordered to prepare spec. to imp. sts. in the Fourth Addition.

LOS ANGELES, Cal.—Wm. Liddington, 420 E. 60th St., awarded contr. by Bd. Pub. Wks. at $14,932 to imp. Wilcox Ave., bet. Santa Monica Blvd. and Willoughby Ave., involv. 53,606 sq. ft. grading at 3c. ft.; 53,606 sq. ft. conc. paving at $20.75c ft.; 2442 ft. curb at 65c ft.; 3142 sq. ft. walk at 19.5c ft.

LOS ANGELES, Cal.—Geo. R. Curtis, 2440 E. 26th St., awarded contr. by Bd. Pub. Wks. at $36,534 to improve Alexandria Ave., bet. Third St. and Wilshire Blvd. involv. grading at $3300; 117,450 sq. ft. Warrenite paving at 26c ft.; 271 ft. curb at 75c ft.; 1166 sq. ft. walk at 25c ft.; 5091 sq. ft. gutter at 28c ft.; 411 ft. hse. sewers at $1.75 ft.

Geo. H. Oswald 366 E. 58th St., awarded contr. at $38,997 to imp. Alexandria Ave., bet. Beverly Blvd. and First St., involv. 94,725 sq. ft. grading at 5c ft.; 50,788 sq. ft. asph. paving at 30c ft.; 12,027 sq. ft. 5-in. conc. paving at 23.5c ft.; 13,070 sq. ft. 6-in. conc. paving at 25c ft.; 18,830 sq. ft. Warrenite paving at 27c ft.; 2302 ft. curb at 75c ft.; 10,260 sq. ft. walk at 22c ft.; 3291 sq. ft. gutter at 30c ft.; storm drain complete $1100; culvert, $350; 841.5 ft. hse. sewers at $1.75 ft.

SAN FRANCISCO — Pt. Lobos Imp. Club urges supervisors to provide $100,000 in 1923-24 budget to construct additional units of Ocean Beach Esplanade. M. M. O'Shaughnessy, city eng.

OAKLAND, Cal.—Until March 15, 12 m., bids will be rec. by E. K. Sturgis, city clerk, to imp. portions of Plymouth Ave., by grading; const. conc. curbs, gutters and walks; paving with asph. macadam, const. 1 wooden culvert. 1911 Act. Cert. check 10% payable to city req. W. W. Harmon, city eng.

SANTA BARBARA, Cal.—City council petitioned to pave Gutierrez St., bet. Anacapa and State Sts.; Carrillo St., bet. Santa Barbara and Canal Sts., and Arrellaga St., bet. San Pascual and Gillespie Sts. Geo. D. Morrison, city engr.

ALHAMBRA, Cal.—Until March 19, 8 p. m., bids will be rec. by R. B. Walker, city clerk, to const. 23,109 lin. ft. 8-in. vit. sewer; 15,095 lin. ft. 10-in. vit. sewer; 1469 lin. ft. 12-in. vit. sewer; 1824 lin. ft. 15-in. vit. sewer; 3473 lin. ft. 18-in. vit. sewer; 11,461 lin. ft. 20-in. vit. sewer; 2577 lin. ft. 22-in. vit. sewer; 2392 lin. ft. 24-in. vit. sewer; 2509 lin. ft. 30-in. vit. sewer; 221 manholes; 3 flush tanks; spec. obtainable at city engineer's office.

SANTA ANA, Cal.—Included in the municipal improvement bond election to be held March 29, is the sum of $30,000 to pave W. 5th St., bet. Baker St. and west city limits, with cem. conc. and suitable wearing surface.

OXNARD, Cal.—City trustees declare intention to imp. alleys in block J, City of Oxnard, by grading and paving with 4-in. cem. pavement; 1911 Act. Frank B. Pettis, city clerk.

LONG BEACH, Cal.—No bids rec. by city council to const. 2-in. Willite pavement in Waite Ct., bet. Broadway and 3rd St. A. L. Ferver, director of public service.

OLYMPIA, Wash.—Until March 27, 10 A. M., bids will be rec. by State Highway Commission to grade, drain and pave with concrete 5.29 miles of the Pacific highway between Kelso and Stockport and to grade, drain and pave 4.62 miles of the Pacific highway between Stockport and Castle Rock.

DELANO, Kern Co., Cal.—City will vote bonds of $45,000 March 17 to finance improvements and extensions to water system. Date for election was originally set for March 5. J. S. Bates, Rowell Bldg., Fresno, Eng.

TULARE, Tulare Co., Cal.—Frederickson & Shannon, Cory Bldg., Fresno, at $51,700 awarded contract by city trustees to imp. portion of L St., involv. 193,004 sq. ft. 4-in. to 6-in. conc. pavement; 6339 cu. yds. grading; 7069 lin. ft. conc. curb; 6310 ft. conc. gutter; 20,862 sq. ft. cem. walks; 612 lin. ft. 6-in. and 2190 lin. ft. 8-in. conc. pipe drain; 5 conc. manholes; 12 conc. catchbasins.

LOS ANGELES, Cal.—Until 10 a. m., March 19, bids will be rec. by board of public works to const. sewer in Agate St., bet. Johnson and Montecito Sts., involv. 1575 ft. 6-in. vit. pipe sewer; 433 ft. 6-in. hse. sewers; Vrooman Act.

SACRAMENTO, Cal.—City council, H. G. Denton, clerk, declares intention to imp. portions of Santa Ynez and 36th St., by const. conc. curbs and gutters; c. i. gutter drains with 6-in. vit. manhole connections; conc. manholes with c. i. tops; const. 8-in. vit. sewers with 4-in. wyes; 4-in. sewer services to prop. line; conc. walks; ¾-in. water main connections; grading and paving with 4-in. asph. conc. with seal coat; and portions of H St., by removing curb, gutter and walk and reconst. same to grade; const. conc. walks and reset gutter drains. 1911 Act. Protests March 22. Albert Givan, city eng.

SANTA MONICA, Cal.—Until 10 a. m. March 14, bids will be rec. by city council to imp. Pacific St., bet. 4th and 6th Sts., by grading; const. conc. curbs, 5 ft. cem. walks; 1911 Act. John A. Morton, city engr.

SAN JOSE, Santa Clara Co., Cal.—Until March 19, 8 p. m., bids will be rec. by J. J. Lynch, city clerk, to imp. Balbach St., bet. Market and Orchard; grade, pave with 1½-in asph conc. surface on 3-in. asph. conc. base; hyd. conc. walks.

Bids, same date, to imp. 7th St., bet. Martha and Keyes; grade, pave with 1½-in. Warrenite-Bit surface on 3-in. Bithulithic cem. bit. conc. base; conc. curbs and gutters; art. stone walks; 4 br. catchbasins; 8-in. vit. pipe drains.

Bids, same date, to imp. 6th St., bet. Margaret and Keyes; grade, pave with 1½-in. Warenite-Bit surface on 3-in. Bithulithic cem. bit. conc. base; conc. curbs and gutters; art. stone walks; 2 br. catchbasins; 8-in. vit. pipe drains.

Bids, same date, to imp. 11th St., bet. Virginia and Martha; grade, pave with 1½-in. Warrenite-Bit. surface on 3-in. bit. conc. base; conc. curbs and gutters; 1 br. catchbasin; 8-in. vit. pipe drains.

1911 Act and Bond Act 1915. Cert. check 10% payable to city req. Wm. Popp, city engineer.

STOCKTON, San Joaquin Co., Cal.—C. W. Wood Co., Manteca, at $7496.50 submits low bid to supervisors to imp. John Salmon road No. 18, from East Union Cemetery to Durham Ferry rd., approx. 1 mi. Other bids: Cy Moreing, $7540; Blumenkranz & Vernon, $8410. Taken under advisement. F. E. Quail, county surveyor.

SALINAS, Monterey Co., Cal.—Granite Construction Co., Watsonville, at $53,887 awarded cont. by supervisors to pave portion of Salinas-Watsonville and Aromas roads, in Dist. 1. Other bidders: J. J. McHugh, San Francisco, $65,680; W. A. Dontanville, Salinas, $59,903.

MERCED, Merced Co., Cal.—A. E. Cowell, eng., Merced, has completed spec. for paving roads in Improvement District No. 5, work under Rd. Dist. Imp. Act 1907. Protests will be heard March 19. Work to be done consists of making subgrade and paving with rock screenings, 12 ft. wide 4-in. thick. The quantity of the work to be done is more particularly described as follows:

Preparation of subgrade and paving of roadway totaling 21,132.5 lin. ft. of twelve ft. pavement and 1072 sq. ft. of paving, widening of pavement at intersection with pavement of Livingston-Milliken Road.

Preparation of subgrade and paving of roadway totaling 10,598.5 lin. ft. of twelve ft. pavement and 1072 sq. ft. of pavement, widening of pavement at intersection with pavement of Section 1.

Preparation of subgrade and paving of roadway totaling 11,827.3 lin. ft. of twelve ft. pavement and 1072 sq. ft. of pavement, widening of pavement at intersection with pavement of Section 2.

Bridges included in the work are to consist of timber bridges. Type, size and location of bridges as follows: 74 lin. ft. timber bridges with 20 ft. roadway over East Side Canal; 12 lin. ft. timber bridges with 20 ft. roadway over roadway over Arena Drainage Canal. P. J. Thornton, county clerk.

FRESNO, Fresno Co., Cal. — Until March 15, 3:30 P. M., bids will be rec. by R. Y. St. George, city clerk, to imp. following sts., under 1911 Act:

Home Ave., bet. Lucerne and Van Ness Blvd., grade; conc. curbs, gutters, and walks; corru. metal culverts with culvert manholes; pave with 3½-in. asph. conc. base with 1½-in. Warrenite Bit. surface; 4-in. vit. clay pipe sewer connections.

Woodward Ave., bet. South Broadway and Anna Sts., grade; conc. curbs, gutters and walks; pave with 4-in. asph. conc. base with asph. conc. top course of 1½-in. thickness and liquid asph. and rock screening surface; 6-in. Port. cem. conc. pavement for alley approaches.

Cert. check 10% payable to city req. Wm. Stranahan, city eng.

PALO ALTO, Santa Clara Co., Cal.—City council, Frank Kasson, clerk, declares intention to imp. streets in Imp. Dist. No. 1-1923, incl. portions of Churchill, Manzanita, Miramonte, Sequoia, Mariposa, Castilleja, Escobita, Madrono, Portola Aves. and El Camino Real by grading; paving with hyd conc. of various widths and thicknesses; corru. metal culverts with conc. bases; conc. curbs; cem. walks. 1911 Act. Bond Act. 1915. Protests March 20. J. F. Boybee, Jr., city eng.

MANHATTAN BEACH, Cal.—Until 8 p. m., March 15, bids will be rec. by City Clerk Llewellyn Price, to improve following streets under 1911 Act:

Ocean Dr., 27th St. to Rosecrans Ave., involv. 4400 cu. yds. grading, 52,000 sq. ft. 5-in. conc. pavement, 2700 lin. ft. curb, 2000 lin. ft. 2x6-in. redwood headers.

Alma Ave., Marine Ave., to 23rd St. and 23rd St. to Rosecrans Ave., involv. 15,000 cu. yds. grading, 69,200 sq. ft. Willite pavement, 6750 lin. ft. redwood headers.

33rd St., Highland Ave. to Alma Ave., involv. 700 cu. yds. grading, 4800 sq. ft. 4-in. Willite pavement, 500 lin. ft. 2x4-in. redwood headers.

LYNWOOD, Cal.—W. E. Hall, Riverside, awarded cont. by city trustees to pave sts. as follows: $38,204 for paving Beachwood Dr., and $1680 for paving portion of Long Beach Blvd.

FRESNO, Fresno Co., Cal. — City council, R. Y. St. George, clerk, declares intention to const. 6-in. vit. clay pipe sewers in West Dean Park and West Dean Park No. 2, incl. const. of 4 conc. manholes with c. i. covers; 4-in. on 6-in. wyes for ea. 25 ft. lot frontage. 1911 Act. Protests March 22. Wm. Stranahan city engineer.

FRESNO, Fresno Co., Cal.—Under an "emergency measure," county supervisors let contract to C. Miles at $14,510 for excavation and concrete work on highway bet. Parkfield Junction and Coalinga, Chris. P. Jensen, Cory Bldg., county surv.

STOCKTON, San Joaquin Co., Cal.—City Council, A. L. Banks, clerk, declares intention to imp. portions of Hazelton, E-Scotts, Laurel, Ash, Court, B Sts., et al., by grading; const. comb. conc. curbs and gutters; conc. walks; paving with 3-in. (after compression) crushed rock base and 2-in. (after comp.) asph. conc. surface, 1911 Act and Bond Act 1915. Protests March 20. W. B. Hogan, city eng.

SALEM, Ore. — Following low bids rec. by state highway commission:

Coles Bridge-Cummins Creek sec. John Day Highway, Grant county, 14.08 mi. grading and surfacing: Bauers & Bauers, Dayton, Wash., $156,650; will be awarded.

Cascade Gorge-McLeod sec. of Medford-Crater Lake Highway, Jackson county, 8.61 mi. grading: John Hampshire, Grants Pass, Ore., $132,227, bidding corru. iron pipe. Awarded.

Grass Valley-Kent sec. of Sherman highway, Sherman county, 12.6 mi. grading and broken stone surfacing: Bauers and Bauers, Dayton, Wash., $108,440. Referred to eng. with power to act.

Kent-Wasco County line Sec. of Sherman Highway, Sherman county, 7.91 miles grading and broken stone surfacing, Bauers and Bauers, Dayton, Wash., $79,296. Referred to eng. with power to act.

Echo-Pendleton Sec. of Old Oregon Trail, Umatilla county, broken stone for surfacing and maintenance: awarded to J. K. Shotwell, Herminston, Ore. $15,480.

Madras-Wasco County Line Sec. of Dalles-California Highway, Jefferson county, (incl. bridge over Hay Creek and over Willow Creek, near Madras), Kuckenberg and Wittman, $14,135. Awarded.

LONG BEACH, Cal.—Council declares intention to const. 14-in. conc. drainage sewer in portions of Bennett Ave., Ximeno Ave., and other streets, 1911 Act.

First alley east of American Ave., bet. 21st and Hill Sts., by const. class B conc. curb.

First alley east of Redondo Ave., bet. Broadway and first alley s of Broadway, by const. class B curbs and paving with 4-in. cem. conc. H. C. Waughop, city clerk.

SAN JOSE, Santa Clara Co., Cal.—County surv. preparing spec. to imp. Naglee Ave., bet. Alameda and Park Aves., outside the 18-ft. strip now under contract. Spec. being completed to imp. new road from Marsh road to Day rd. in Supervisor Dist. 3. Henry A. Pfister, county clerk.

LONG BEACH, Cal.—Council declares intention to imp. under 1911 Act, following streets:

Corvo Ct., bet. St. James Pl. and Maine Ave., by grade & pave with 4-in. cem. conc.

Virginia Ct., bet. 10th and 11th Sts., grade & pave with 4-in. cem. conc.; const. class B cem. conc.

Alley n. of Anaheim St., bet. California and Lewis Aves., grade & pave with 4-in. cem. conc.; const. class B curbs.

Topaz Ct., bet. Third and Fourth Sts., grade & pave with 4-in. cem. conc.; No. C-772.

Nardo Way, bet. Cedar and Solana Ct., by grade and pave with 4-in. conc. and bitum. wearing surface; const. concrete curb. A. L. Ferver, director of public service.

SAN JOSE, Santa Clara Co., Cal.—Supervisors petitioned to permanently improve Prospect road and the Uvas road near Uvas creek from the Watsonville rd. to Bradley's corner. Henry A. Pfister, county clerk.

SANTA ANA, Cal.—Council declares intention to sewer Artesia St., bet. W. Fifth and West Ninth Sts., involving 10-in. vit. pipe sewers; six conc. manholes, 8-in. vit. pipe sewers; 6-in. sewers; hse. connections and other work; 1911 Act. W. G. Knox, city engr.

SAN BERNARDINO, Cal. — Council declares intention to imp. under 1911 Act, following streets:

Wallace St., bet. F and G Sts., grade and pave with 4-in. conc.

Hanson St., bet. H and I Sts., grade and pave with 4-in. macad.; const. conc gutters.

Thirteenth St., bet. E and F Sts., grade and pave with 4-in. cem. conc.; const. conc. curbs, walks. J. H. Osborn, city clerk.

NAPA, Napa Co., Cal.—Until March 19, 7:30 P. M., bids will be rec. by H. H. Thompson, City Clerk, to imp. Third St., bet. School and Jefferson, involv. 1679 cu. yds. excavation; 76,231 sq. ft. 6-in. conc. pavement; 5350 pcs. ¾-in. expansion joints; 182 ft. 6-in. sewer; 1 flush hole; 4 side sewers; 7 conc. catchbasins; 4 6x4 in. wyes; est. cost, $28,000. H. A. Harrold, City Eng.

SAN BERNARDINO, Cal.—Council declares intention to const. 8-in. vit. pipe sewer in Tenth St., near E St.; 1911 Act. J. H. Osborn, City Clerk.

SALEM, Ore.—Bids will be considered by State Highway Commission, meeting in Multnomah County Court House, Portland, Ore., March 27, for the following projects:

Pacific highway, Eugene to Goshen, resurfacing and widening pavement, 4.8 mi., est. cost $120,000.

Pacific highway within City of Creswell, paving approx. one mile, est. $25,000.

Pacific highway, grading approaches to new Winchester bridge over the Umpqua river now being constructed.

McKenzie highway, Cline falls to Redmond, grading and surfacing, 4.8 mi., est., $42,000.

Roosevelt highway in Coos County, grading, Fat Elk to Lampa creek, bet. Coquille and Bandon, est. $200,000.

Roosevelt highway in Lincoln County, grading, Agate beach to Otter rock, est $200,000.

Tumalo to Deschutes river, grading and surfacing 1.4 mile, ests. $9000. Herbert Nunn, State Highway Eng.

OAKLAND, Cal.—Oakland City Council seeks co-operation of Alameda County Supervisors to finance improvement of E-14th St. from 15th Ave. to San Leandro line. County proposes to appropriate $150,000 from revenue received from motor vehicle tax and the city of Oakland to appropriate $100,000 from budget funds.

SAN JOSE, Santa Clara Co., Cal.—San Jose Paving Co., San Carlos and Dupont Sts., San Jose, at $13,190 awarded cont. by supervisors to imp. Naglee Ave. in Supervisor Dist. 4.

SACRAMENTO, Cal.—City Council, H. G. Denton, Clerk, declares intention to imp. under 1911 Act, following Sts.:

Stockton Blvd. from sewer in 11th Ave. to 14th Ave.; 14th Ave. from Stockton Blvd. to 47th St., and 47th St., bet. 12th St. and manhole in place in alley bet. 13th and 14th Aves., by const. 4-in. vit. sewer with wyes; conc. manholes.

10th Ave., bet. 44th St. and Stockton Blvd., by const. conc. curbs and gutters; c. i. gutter drains with 6-in. vit. manhole connections; reconst. manholes; extend sewer service to prop. line; ¾-in. water main connections; grade; pave with 4-in. asph. conc. with seal coat.

Alley bet. N. O. 23rd and 24th Sts., and bet. L. M. 6th and 8th Sts., const. conc. catchbasins with 6-in. vit. sewer connections; reconst. manholes; extend 6-in. sewer service to property line; 1-in. water main connections; const. conc. curtain wall, pave expansion joints; grade and pave with 5-in. hyd. conc.

All under 1911 Act. Protests March 22nd. Albert Givan, City Eng.

SANTA ANA, Cal.—City Trustees declare intention to imp. under 1911 Act, following streets:

West First St., bet. N. Artesia and N. Baker Sts., grade and pave with 6-in. conc. pavement and belt finish wearing surface; const. curb 15 lateral hse. connections.

N. Parton St., bet. West First and West Fourth St., grade and pave 5-in. cem. concr.; const. concr. curb.

FULLERTON, Cal. — City trustees have adopted an ordinance providing for the issuance of the $175,000 outfall sewer bonds voted Dec. 18. They will be in denominations of $1000, bear 4½% and 4¾% interest. F. C. Hezmalhalch, city clerk.

OAKLAND, Cal.—City council, E. K. Sturgis, clerk, declares inten. (25970) to imp. 39th Ave., bet. Bayo St. and Redwood Rd. by const. 8-in. vit. sewer 2 br. manholes with c. i. tops; 3 vit. pipe lampholes; vit wye branches. 1911 Act. Protests March 22. W. W. Harmon, city engineer.

LONG BEACH, Cal.—D. P. Durham, 900 Raymond Ave., Long Beach, submitted low bid to council at 23c sq. ft. to pave first alley n. of Bdwy., betw. Loma and Euclid Aves., with cem. conc. Also low bidder at 31.9c sq. ft. for paving Electric Ct. bet Loma Vista Dr and Anaheim St., with 4-in. cem. conc.

Durham low bidder at 23c sq. ft. to pave Mars Ct., bet. 11th and Anaheim St. with 4-in. cem. conc. J. W. Butters bid 23.7c.

J. W. Butters, 651 Stanley Ave., Long Beach, submitted low bid at 22.8c sq. ft. for imp. first alley e. of American Ave., bet. State and Dayman Sts., by grading and paving with 4-in. conc. D. P. Durham bid 23c; also low bidder at 21.5c sq. ft. for paving first alley west of Atlantic Ave., bet. 17th and Esther Sts. D. P. Durham bid 23c.

OXNARD, Cal.—Griffith Co., L. A. Ry. Bldg., Los Angeles, awarded contract by city trustees for imp. Wooley Rd., bet. Saviers Rd. and C Sts., at 3c sq. ft. grading, 22c sq. ft. 1½-in. asph. conc. paving on 4-in. conc. base; 32c ft. class B cem. curb; 26c sq. ft. cem. gutter.

FRESNO, Fresno Co., Cal. — City council, R. Y. St. George, clerk, declares intention to const. cem. conc. walks and curbs in south side of Vassar ave. bet. Van Ness Blvd. and Wilson Ave. 1911 Act. Protests Mar. 22. Wm. Stranahan, city eng.

SAN FRANCISCO—Bd. Pub. Wks. reject bids rec. Feb. 14 to imp. Vicente St., bet. Forest and 19th Aves., involv. 19,592 cu. yds. cut; 8225 cu. yds. fill; 500 lin. ft. 8-in., 680 lin. ft. 12-in., 410 lin. ft. 15-in., and 275 lin. ft. 18-in. sewer; 19 8-in., 35 12-in., 10 15-in. and 10 18-in. wye branches; 7 br manholes; 610 ft. 10-in. culvert; 17 br. catchbasins; 3240 lin. ft. conc. curb; 93,155 sq. ft. asph. conc. pavement; 3100 sq. ft. art. stone walks. Low bid was submitted by Fay Imp. Co., Phelan Bldg., San Francisco, at $63,174.22. New bids will be asked at a later date. M. M. O'Shaughnessy, city engineer.

OAKLAND, Cal.—City council, E. K. Sturgis, clerk, declares intention to improve portions of Bayo St., Vale and Tompkins Aves., grading; const. conc. curbs, gutters and walks; paving with oil macadam; corru. iron and conc. culverts, having 2 c. i. handholes; one conc. culvert 2x2 ft with conc. end wall; 2 c. i. inlets; 2 br. manholes; vit. pipe conduits. 1911 Act. Protests March 22. W. W. Harmon, city eng.

STOCKTON, San Joaquin Co., Cal.—City Eng. W. B. Hogan completing spec. to imp. Lincoln St., bet. Taylor and South; Harrison St., bet. Worth and South; Clay and Worth Sts., bet. Harrison and Lincoln Sts. Bids will be asked shortly to grade, pave, const. curbs and gutters in north half of Alpine St., bet. California and Sutter Streets.

VENICE, Cal.—Until 8:30 p. m., Mar. 19, bids will be rec. by city trustees to imp. Alberta Ave., bet. Center St. and n.w. line lot 12, blk. 11, Short Line Beach sub., by grading and paving with 4-in. cem. conc.; const. curb, walk, nine 6-in. hse. sewers; 1911 Act.

Separate bids, same date, to improve San Juan Ct. bet. 7th and 6th Aves., by grading and paving with 4-in. cem. conc.; 1911 Act. T. H. Hanna, city clerk

VENICE, Cal.—Until 8:30 p. m. March 19, bids will be rec. by city trustees to const. 6-in., 12-in. and 14-in. vit. pipe outfall sewers in Speedway, Horizon & Zephyr Aves.; 1911 Act. T. H. Hanna, city clerk.

LOS ANGELES, Cal.—Griffith Co., L. A. Ry. Bldg., L. A., submitted low bid to Bd. Pub. Wks. to imp. Atwater Ave., bet. Silver Lake Blvd. and Tyburn St., involv. grading at $1065; 36,833 sq. ft. asph. paving at 25c ft.; 6 ft. curb at 75c ft.; 2598 sq. ft. conc. gutter at 25c ft.

BURLINGAME, San Mateo Co., Cal.—Until April 2, 8 p. m., bids will be rec. by J. R. Murphy, city clerk, to imp. H St., bet. Peninsula and Burlingame Aves., involv. 57,000 sq. ft. grading; 34,150 sq. ft. conc. pavement with 1½-in. Topeka top; 9000 sq. ft. cem. walks; 1950 lin. ft. cem. curbs; 1725 lin. ft. cem. gutter 100 lin. ft. 15-in. and 550 lin. ft. 4-in. ironstone sewer pipe; 25 4x4-in. 10 4x6-in. and 10 4x8-in. ironstone sewer wyes; 3 24x24-in. stand. grated inlets. Est. cost, $13,700. 1911 Act and Bond Act 1915. C. A. Torello, city eng.

BURLINGAME, San Mateo Co., Cal.—City Eng. C. A. Torello completes spec. to open San Mateo Drive; est. cost, $42 339.25, involv. 148,500 sq. ft. grading, 110,000 sq. ft. pavement; 17,000 sq. ft. sidewalks; 5685 lin. ft. curb; 3765 lin. ft. gutter; 250 lin. ft. 4-in., 1100 lin. ft. 6-in. and 900 lin. ft. 8-in. ironstone sewer pipe; 36 4x4-in., 24 4x6-in. and 12 4x8-in. ironstone sewer wyes; 7 manholes; 2 18x18-in. and 2 24x24-in. graded inlets; 150 lin. ft. 10-in. and 150 lin. ft. 12-in. corru. iron culverts; 1 rein. conc. culvert, (complete); 1 existing culvert to be reinforced, (complete) C. A. Torello, city eng.

LOS ANGELES, Cal.—Warren Constr Co., 5444 Hollywood Blvd., submitted low bid to Bd. Pub. Wks. to improve Lexington Ave., bet. Kingsley Dr. and Hobart Blvd., involv. grading at $1200; 16,553 sq. ft. Warrenite-Blt. paving at 26c ft.; 570 sq. ft. grading, oiling and rolling at 9c ft.; 1220 sq. ft conc. gutter at 30c ft.; hse. sewers at $1.60 ft.

SANTA MONICA, Cal.—Until 10 a. m. March 16, bids will be rec. by council to imp. Bay St., bet. the Promenade and Third St., by grading and paving with 1½-in. Warrenite bit. on 2½-in. asph. conc. base; const. 6-in. vit. pipe sewers and manholes. 1911 act. John A. Morton, city engr.

LOS ANGELES, Cal.—Griffith Co., L. A. Ry. Bldg., submitted low bid to Bd. Pub. Wks. to imp. Canal Ave., bet. A St. and Inner Bay exception line, involv. grading at $2000; 49,666 sq. ft. asph. paving at 29.5c ft.; 2152 ft. curb at 72c ft.; 21,594 sq. ft. walk at 22c ft.; 2440 sq. ft. gutter at 29c ft.; $800 catch basin complete; 543 ft. hse. sewers at $2 ft.

CALIFORNIA—W. F. Mixon, secy. State Highway Commission, announces the comm. has definitely decided to build the Yolo-Lake Highway, engineers having been ordered to make a permanent survey of the route. Will be 30 mi. long and will connect Lower Lake and Rumsey, linking together Yolo and Lake Counties.

SANTA BARBARA, Cal.—Until 7:30 p. m., March 15, bids will be rec. by council to imp. portions of Islay St., by grading and paving with 5-in. cem. conc. and 1½-in. asph. conc. wearing surface; const. combined curbs and gutters, conc. driveways, cross-gutters, 6-in. vit. pipe sewers, manholes. 1911 Act. Geo. D. Morrison, city engr.

LOS ANGELES, Cal.—Warren Constr. Co., 5444 Hollywood Blvd. submits low bid to Bd. Pub. Wks. to imp. Kenmore Ave., bet Melrose and Rosewood Aves., involv. 92 840 sq. ft. grad. at 4c ft.; 325 sq ft conc. pav. at 25.6c ft.; 92,515 sq ft Warrenite-Blt. paving at 26c ft.; 21 ft. curb at 75c ft.; 120 sq. ft. walk at 25c ft.; 2226 sq. ft. conc. gutter at 33c ft. 400 ft. hse. sewers at $1.60 ft.

Warren Constr. Co., low bidder to imp. Serrano Ave., bet. Hollywood and Sunset Blvds., involv. grading at $1250; 34,189 sq ft. Warrenite paving at 26c ft., 227 ft curb at 75c ft.; 1524 sq. ft. gutter at 23c ft.; 102 ft. hse. sewers at $1 60 ft.

SALINAS, Monterey Co., Cal.—Donald Davies has resigned as city engineer and Howard Cozzens, county surveyor, installed to fill the vacancy.

BAKERSFIELD, Kern Co., Cal. — County supervisors petitioned to take over and imp. private road leading to Mt. Breckenridge district to provide direct outlet for summer resort planned by C. W. Kellogg.

EL CERRITO, Contra Costa Co., Cal.—Eng. W. S. Farley, Monadnock Bldg., San Francisco, preparing spec. to imp. Potrero Ave., bet. city limits and San Pablo Ave., grading, paving with oil macadam; cons' conc. curbs, gutters and walks.

SALINAS, Monterey Co., Cal.—City council plans early paving of Main St., and has voted to improve following streets during the present year: Chestnut, Willow and Pine for one block east of Main St.; extend Pajaro St. to meet above thoroughfares and extension of California St. one block; Avenues A, B, C and Galbian St. and Central will also be improved. Howard Cozzens, city eng.

RICHMOND, Contra Costa Co., Cal.—L. L. Page, 728 Biswell Ave., Richmond, at $4552.02 awarded contract by council to const. sewers in Pullman Townsite, involv. 4546 lin. ft. 6-in., 1098 lin. ft. 8-in., and 245 lin. ft. 12-in. vit. sewer pipe; 8 manholes; 8 lampholes; 267 6x4-in., 65 8x4-in. and 2 12x4-in. wye branches. Other bidders were: Chambers and DeGolia $6061.67; Fred Meyers $6061.40; Cambra and Garden, $6209.48; T. E. Clinch, $5815.71; Oakland Sewer & Construction Co., $5495.52; R. H. Downer $6396.67.

ALHAMBRA, Cal.—Until 8 p. m., Mar. 19, bids will be rec. by city comm. to const. sewers as follows:

Div. 1, San Marino outfall, involving 2327 ft. 15-in., 579 ft. 18-in., 1838 ft. 20-in., 2577 ft. 22-in., 35 ft. 24-in. vit sewer pipe; 100 ft. 24-in. "A" cast iron sewer pipe; 24 manholes and various wye branches.

Div. 2, "A" line sta. 0+00 to sta. 235+21.3, involv. 1747 ft. 18-in., 9623 ft. 20-in., 3257 ft. 24-in. vit. pipe sewer; 14 chimneys, 71 manholes and various wye branches.

Div. No. 3, "B," "C," "D" and "E" lines involv. 12,207 ft. 8-in., 8832 ft. 10-in., 1147 ft. 18-in. vit. sewer pipe; 62 manholes, 1 drop manhole, 3 flush tanks, and various wye branches.

Div. No. 4, "F," "G," "H," and "J" lines, involv. 8536 ft. 8-in., 5622 ft. 10-in., and 1213 ft. 12-in. vit. sewer pipe; 47 manholes, one drop manhole and various wye branches.

Div. No. 5, "A" line, sta. 235+21.3 to sta. 260+30.2. Alternative No. 1, 2509 ft. 30-in. vit. segremental block sewer; 5 manholes; alt. No. 2, 2509 ft. 27-in. vit. pipe sewer; 5 manholes.

Cert. chk or bond, 10%. Grant M. Lorraine, city mgr.

PETALUMA, Sonoma Co., Cal.—City Eng. N. S. Frost preparing estimates of cost to pave 5th St., bet. D and F with oil macadam.

LOS ANGELES, Cal.—Joe Mullarkey, 8435 S Vermont Av., submited low bid to Bd. Pub. Wks. to imp. 82nd St., bet. Main St. and Moneta Ave., involving grading at $900; 32,833 sq. ft. oiling and rolling at 5c ft.; 1229 ft. curb at 60c ft.; 7204 sq. ft. walk as 20c ft.; 5125 sq. ft. conc. gutter at 27c ft.

KINGSBURG, Fresno Co., Cal.—Trustees of Kingsburg Grammar School District will ask bids to pave 19th Ave. and Riverside St., fronting Lincoln grammar school.

SAN LUIS OBISPO, Cal.—Until Mar. 21, 10 a. m., bids will be rec. by J. G. Driscoll, county clerk, to haul materials for the following road projects:

Gravel required to surface Sec. B. Rd 21, Santa Margarita-Pozo rd. beg. at Salinas river at Blinn's and ending at town of Pozo.

Gravel req. to surface Sec. A, Rd. 21 Sta. 85 plus 90 and ending at Sta. 512 plus 21.9.

Gravel req. to surface Sec. B, Rd. 8, San Luis Obispo-Cambria Rd., beg. at Old Creek bridge and ending at Little Cayucos creek bridge.

Spec on file in office of clerk.

REDWOOD CITY, San Mateo Co., Cal.—City eng. C. L. Dimmitt estimates cost of imp. Jefferson Ave. at $58,000; project includes paving, const curbs. Two bridges will be constructed at a cost of $9400, one at Hudson and another at Court St. Bonds will probably be voted to finance work.

MARTINEZ, Contra Costa Co., Cal.—County supervisors petitioned to cut down bends and surface Wild Cat Creek road. R. R. Arnold, county surv.

SACRAMENTO, Cal. — Fred Grum, former assistant division engineer of State Highway Commission, has been appointed chief office engineer of the commission, with headquarters in Sacramento. Grum fills the office just created under the re-organization plan of the new board members.

ASTORIA, Ore.—Until March 17, 1:30 p. m., bids will be rec. by Clatsop co. comm., J. C. Clinton, clerk, to grade and pave 1 mi. Sec. 3, Clatsop county market rd., involv. 75 cu. yds. excav.; 10,099 sq. yds. fine grading; 8969 sq. yds. concrete pavement; 2665 lin. ft. expansion joints; 540 cu. yds. earth shoulders; 5300 lin. ft. side ditches; 80 cu. yds. subgrade rock (in place). Spec. obtainable from clerk.

FAIRFIELD, Solano Co., Cal.—Due to faulty proceedings, no bids were received by county supervisors to const. sewer extensions in Frisbie, Denio, Fremont and Sacramento Sts., in Vallejo Heights sub-division. Action deferred indefinitely. F. A. Steiger, co. surveyor.

SAN JOSE, Santa Clara Co., Cal.—City Council, J. J. Lynch, clerk, declares intention to imp. San Carlos St. bet. 7th and 17th Sts., grading; paving with 1½-in. asph. conc. surface on 3-in. asph. conc. base; conc curbs and gutters; cem. walks; 1 br. catchbasin with c. i. top; 8-in. vit. pipe drains. 1911 Act & Bond Act 1915. Protests March 26. Mm. Popp, city eng.

MARYSVILLE, Yuba Co., Cal.—City council will be petitioned to widen High St., bet. 4th and 5th Sts., from 25 ft. to 45 ft.

CALIFORNIA—R. M. Morton, State Highway Engineer, announces decision of State Highway Commission, to widen unit of Holtville-Yuma highway, 10-mi. in length from pt. 10-mi. from end of the high line canal to pt. at west end of the plank road, the contract for which is held by Geo. Oswald, 366 E-58th St., Los Angeles. The contract will be revised to permit widening of road from 9 ft. to 15 ft. Original contract was for $180,000 but under the widening plan the cost will total $270,000. Road will have asphalt-macadam base.

SAN JOSE, Santa Clara Co., Cal.—City Council, J. J. Lynch, clerk, declares intention to imp. 16th St., bet. San Antonio and San Salvador; grading; pave with 1½-in. "Durite" asph. conc. surface on 3-in. "Durite" asph. conc. base; conc. curbs and gutters. 1911 Act & Bond Act 1915. Protests March 26. Wm. Popp, city eng.

SAN FRANCISCO—City Eng. M. M. O'Shaughnessy completes spec to imp. 22nd St., bet. De Haro and Rhode Island Sts., involv. 400 lin. ft. conc. curb and 8400 sq. ft. conc. pavement; est. cost $3100.

STOCKTON, San Joaquin Co., Cal.—San Joaquin County Advisory Committee on Highway Improvements, recommends to supervisors the following road improvements: graveling road from Farmington to Stanislaus county line; imp. road from Linden to pt. ½ mi. east of traction line; imp. road from Charley place to river on Roberts Island; several short stretches near Tracy; 2½ mi. of road leading out of Ripon; imp. ½ mi. stretch near Escalon, Lone Tree road, and Farmington road; imp. Austin road from Yosemite avenue to French Camp road. Recommendations taken under advisement. F. E. Quail, county surv.

SANTA BARBARA, Cal.—Sam Hunter, Santa Barbara, submitted only bid to council at $36,655.54 to grade and pave Carrillo St., bet. Santa Barbara St. and the new high school tract. Eng. est., $34,865.47. Taken under advisement.

REDWOOD CITY, San Mateo Co., Cal. —Schultz Const. Co., 46 Kearny St., San Francisco, at $14,489 awarded contract by city trustees to sewer portions of Myrtle, Lowell, James, Jefferson Ave etc .involv. 1120 ft. 10-in., 2600 ft. 8-in., and 7670 ft. 6-in. vit. sewer pipe; 8900 lin. ft. 4-in. vit. pipe laterals; wye branches; 42 br. manholes; 5 lampholes. Other bids: Chambers and DeGolyer, $16,232; W. J. Tobin, $16,542; Frederickson & Shannon, $18,140; Hickey & Harmon, $18,882; L. L. Page, $19,965.

MARTINEZ, Contra Costa Co., Cal.—Until April 2, bids will be rec. by J. H. Wells, county clerk, to grade and gravel Ygnacio valley rd. from Bancroft place to Walnut creek. R. R. Arnold, county surv.

SAN JOSE, Santa Clara Co., Cal.—City council, J. J. Lynch, clerk, declares intention to imp. 9th St., bet. Williams and Martha, grading; paving with 1½-in. Durite asph. conc. surface; const. hyd. conc. curbs and gutters; art. stone walks; br. catchbasins with 8-in. vit. pipe drains. 1915 Bond Act and Imp. Act 1911. Protests March 26. Wm. Popp, city eng.

SPARKS, Nevada—Clark and Henery Const. Co., Ochsner Bldg., Sacramento, at $29,794.57 awarded awarded cont. by city trustees to pave and sewer B St. bet. 6th and 15th Sts. Paving covers approx. 148,649 sq. ft. for which bid is $25,567.62. Sewer contract covers 6 and 8-in. pipe and 13 br. catchbasins.

MERCED, Merced Co., Cal.—Petitions have been prepared for presentation to city trustees seeking paving of streets north of Santa Fe Railroad within the city limits, including Huffman Ave., K, 25th, 26th and 27th Sts.

GLENDALE, Cal.—Until 7 p. m., Mar. 15, bids will be rec. by city clerk, A. J. Van wie, to imp. Doran St., Pacific Ave., Chester St, and other streets, involving. 3867 lin. ft. grading, 3219 ft. curb, 17,089 sq. ft. gutter, 15,770 sq. ft. walk, 139,190 sq. ft. 5-in. macad. paving 73 ft. 8-in. and 160 ft. (laying only) water pipe, 4 1-in. and 36 ¾-in. service pipes.

SANTA ROSA, Sonoma Co., Cal.—City council orders improvement of Short 7th St., bet. Washington and B; Cabrillo bet. Mendocino and Ripley. Bids have been asked to pave 5th St., bet. 8th and Washington. L. L. Mills, city eng.

SANTA ANA, Cal.—Wells & Bressler California Bk. Bldg., Santa Ana, awarded contract by city trustees to imp. Spurgeon St., bet. E Washington Ave. and E 17th St., involv. 63,190 sq. ft. 6-in. conc. paving at 20c ft.; 280 ft. 4-in. hse. sewers at 40c ft. T. W. Ogleby bid 21c paving; 45c hse. sewers.

SONORA, Tuolumne Co., Cal.—R. J. Gray, Standard, Calif., at $2941 awarded cont. by supervisors to const. rd. in vicinity of Keystone, 1½ mi. long. Swerer and Sullivan, Jamestown, Calif. bid $3557.40.

J. R. Gray, Groveland, Calif., $2550, only bidder, awarded contract to const. rd. near south county boundary, 1¾ mi. long.

SAN RAFAEL, Marin Co., Cal.—Until March 26, 8 p. m., bids will be rec. by E. W. Smith, city clerk, to surface streets with asphaltic concrete, approx. 279,000 sq. ft.; and asph. macadam surfacing, approx. 90,000 sq. ft. Plans obtainable from city manager H. K. Brainerd.

STOCKTON, San Joaquin Co., Cal.—Until March 16, 10:30 a. m., bids will be rec. by A. L. Banks, city clerk, to const. stormwater sewers in Washington, East Weber, East Main, East Hazelton and East Scotts Ave. Cert. check 10% payable to city clerk required. Plans obtainable from clerk. W. B. Hogan, city eng.

SAN BERNARDINO, Cal. — J. F. Knapp, Turlock, Cal., and (Box 442, Long Beach) awarded cont. by supervisors at $109,600 to imp. Hellman Ave., approx. 1 mi.; grade and pave with 5-in. conc.; conc. curbs, walks, and retaining walls. Other bids were: H. H. Lienau, Redlands, $110,000; Geo. Herz, $112,497; R. T. Shea, Riverside, $115,750; Sander Pearson, Los Angeles, $122,440; W. D. Bohan, San Bernardino $126,000; W. E. Hall, Riverside, $127,600

SACRAMENTO, Cal.—City council, H. G. Denton, clerk, declares intention to imp. Gerber Ave., bet. T and Gerber Court by const. conc. curbs and gutters; c. l. gutter drains with 6-in. vit. manhole connections; conc. manholes with c. l. tops; 8-in. vit. manhole connections; const. 10-in. vit. sewer; ¾ in. water main connections; conc. walks; grading and paving with 4-in. asph. conc. with seal coat; and imp. 2 rights of way by const. vit. sewers; conc. manholes and placing 6-in. vit. flusher branches. 1911 Act. and Bond Act. Protests March 22. Albert Givan city engineer.

CARSON CITY, Nevada—A series of conferences have been held between State Highway Engineer Geo. L. Borden and representatives of the Forest Service and the Bur. of Pub. Roads for the purpose of agreeing on the Forest Highway program in Nevada. Tentative agreement has been reached on the following projects which are included on the Forest Highway program:

Lander county—4 mi. east of Petersen's Ranch, via Austin to Eureka county line. From Austin-Eureka road south through Big Smoky Valley to Manhattan and Belmont.

White Pine County—Ely to junction with Spring Valley road on Rt. 7 to Ploche. Ely to Holt Creek on Rt. 4 to Tonopah.

Nye County — Currant Creek-Butler Ranch south to White River bridge on Rt. 4.

Elko County—Secret Pass through Ruby Range. Owyhee Canyon rd. west of Mountain City to junction with Elko Gold Creek rd. Gold Creek-Jarbridge rd. from Owyhee Canyon rd. to connect with county rd. out of Jarbridge. Charleston-Jarbridge rd. Bruneau River rd. from near Rowland to Idaho Line.

Washoe & Douglas counties—California Line near Brockway Point over Mount Rose to Valley near Huffakers. California Line near Bijou via Glenbrook to Incline. Topaz Lake rd. from California Line to south end of Carson Valley. Carson Canyon rd. from State line to connection with Valley roads. Dalzell Canyon rd. from State line to Wellington.

In addition several other sections are under consideration by the state dept. and the Gov't Bureaus interested and it is probable that these projects will be incuded.

SANTA ROSA, Sonoma Co., Cal. — Proctor and Cleghorn, Santa Rosa, have contract to pave with 4-in. concrete approx. 2 mi. of streets in the Proctor Terrace Addition including conc. curbs and walks.

SANTA ANA, Cal.—Blds rec. to pave S Main St., bet. Edinger St. and south city boundary rejected and new bids will be asked. Bids here: T. W. Ogleby (unsigned) (1) 14,954 sq. ft. 6-in. conc. paving 24c ft.; (2) 140 ft. curb 50c; (3) 1078.8 ft. comb. curb and gutter $1.95 ft.; (4) 1050 ft. 8-in. main sewer $1.10 ft; (5) 60 ft. 6-in. stub end sewers $90c ft.; (6) 154 ft. hse. sewers 60c ft.; (7) 3 manholes $85 each; (8) one flush tank $125. Wells & Bressler. (1) 28.25c, (2) 60c, (3) $1.50, (4) $1.30, (6) $1.20, (6) $1.10, (7) $80, (8) $135.

REDWOOD CITY, San Mateo Co., Cal. —W. W. Thompson, Redwood City, at $36,069 awarded cont. by supervisors to repair and pave a portion of Pescadero to Santa Cruz road in 5th Dist. of San Mateo county, from Pescadero Creek to 3500 ft. south of Pigeon Point. Other bids: W. J. Wilkinson, $45,435; A. J. Grier, $43,338.

COLUSA, Colusa Co., Cal.—J. M. Felknor has been appointed city engineer, succeeding W. E. McIntyre, resigned

SAN JOSE, Santa Clara Co., Cal.—Until March 26, 8 p. m. blds will be rec. by J. J. Lynch, city clerk, to improve 7th St., bet. Reed and Martha; grading; paving with 1½-in. Warrenite-Bit. surface on 3-in. Bituliithic cem. bit. conc. base; conc. curbs and gutters; 4 brick catchbasins; 3-in. vit. pipe drains. 1911 At and Bond Act 1915. Cert check 10% payable to city req. Wm. Popp, city engineer.

COLUSA, Colusa Co., Cal.—City trustees order plans to grade and gravel under Vrooman Act, Clay St., bet. 10th St. and west city limits; Fremont St., bet. Bridge and 10th; Sioc bet. Bridge and 5th and 2nd bet. Fremont and Sioc. J. M. Felknor, city eng.

STOCKTON, San Joaquin Co., Cal. — City council, A. L. Banks, clerk, declares intention to imp. portions of Harrison, Lincoln, Jackson, Andersbn Sts, etc., by grading; const. comb. conc curbs and gutters; conc. walks; paving with 4-in. cementing gravel base (after full compression) and 2-in. asph. macadam surface. 1011 Act and Bond Act 1915. Protests March 27. W. B. Hogan, city eng.

MARTINEZ, Contra Costa Co., Cal.—City trustees, C. E. Daley, clerk, declares intention (138-B) to imp. portions of Mason, Estudillo, Castro, Haven, Warren, Arreba, Robinson Sts., etc., by grading; paving with asph conc base with Warrenite-Bit surface of various widths and thicknesses; const. conc. curbs and gutters; 4 & 6-in. vit. sewers; storm water inlets; br. and cement manholes, etc. 1911 Act & Bond Act 1915. Protests March 19. B. H. Greene, city eng.

WHITTIER, Cal.—Griffith Co., L. A. Ry. Bldg., Los Angeles, awarded cont. by city trustees to imp. Havaland Ave. bet. Luella St. and 295 ft. s. of Broadway, involv. 40,000 sq. ft. 6-in. conc. paving, unit prices being 3c sq. ft. grading; 24c sq. ft. paving; 55c ft. curb, 21c walk; $320 catch basin; also to imp. Bright Ave., bet. 295 ft. s. of Walnut St. and 300 ft. s. of Short St., involv. about 45,000 sq. ft. paving, unit price being 4.5c grading; 24.3c paving; 55c curb; 27c walk; and $3900 reinf. conc. culvert.

OAKLAND, Cal. — Hutchinson Co., 1706 Broadway, Oakland, awarded cont. by council to imp. Walnut Ave., bet. 55th and Seminary; grading, $.06; conc. curb, $.78; conc. gutter, $.26; oil macadam pave, $.12; cem. walks, $.175; 4x10 ft. conc arch culv. $18.75 lin. ft.; 2-ft. 6-in.x3-ft 6-in. conc. arch culv., $5.40 lin. ft.; conc. end wall, $.55 cu. ft.; c. i. inlet, $60; c. i. handhole, $15.

Following contracts awarded to Salvatore De Guarda, Oakland:

Portions of 89th Ave. and D St., grading, $.05; conc. curbs, $.65; conc. gutter, $.26; oil macadam pave, $.12; 8x24-in. corru. iron and conc. culv., $6 lin. ft.; handholes, $15 ea.; wooden culv. 10-ft. wide, $19 lin. ft.; wing wall, $25 ea; 8x20-in. wooden culv. $1.50 lin ft.;

Portions of 55th Ave., const. cement walks $.185 sq. ft.

Portions of 10th St., const. cement walks $.185 sq. ft.

GLENDALE, Cal.—Until 7 p. m., Mar. 22, bids will be rec. by city clerk, A. J. Van Wie, to imp. Mountain, Western and Winchester Aves., involv. 3720 ft. grading, 3335 ft. curb, 7068 sq. ft. gutter, 5440 sq. ft. walk, 42,112 sq. ft. 5-in. macad. paving, 540 ft. 4-in. cast iron water pipe (laying only), including 12 ¾-in. galv. iron service pipes.

SAN LUIS OBISPO, Cal.—Until Mar. 21, 10 a. m., bids will be rec. by J. G. Driscoll, county clerk, to grade Sec. B, Rd. No. 3, San Luis Obispo-Cambria Rd., beginning at Old Creek bridge and ending at Little Cayucos creek bridge. Spec. on file in office of clerk.

OROVILLE, Butte Co., Cal.—County supervisors authorize construction of Doe Mill cross road from bridge to Forest Ranch; approx. 5 mi. in length.

Harry H. Hume, county road eng., has completed spec. to imp. road to U. S. Introduction Station in Butte county; 1½ mi. long asph. macadam pavement. Bids will be asked shortly for these projects.

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

$1,000 and Over Reported

The following is an index for the contracts for this issue.

No.	Owner	Contractor	Amt.
758	Merchants	Grace	10000
759	Parkside	Owner	15000
760	Costello	Owner	3000
761	Lang	Petersen	4500
762	Reese	Britt	1800
763	Lewis	Schwarz	3000
764	Johnson	Johnson	7800
765	Schrader	Klahn	13700
766	Steiner	Michel	1079
767	Austin	Arnott	2600
768	Hoete	Owner	12000
769	Real Estate	Wagner	8000
770	Ryan	Owner	1500
771	McAllister	Brady	3000
772	Peterson	Owner	3000
773	Moneta	Arnott	5600
774	Drees	Meyer	4500
775	Moeller	Meyer	4500
776	Moeller	Meyer	4500
777	Berryman	Meyer	4500
778	Ryan	Meyer	4700
779	Moeller	Meyer	4500
780	Kuchlong	Meyer	4700
781	Snyder	Hardy	11240
782	Cohen	Hardy	
783	Twohig	Owner	28000
784	Matraia	Owner	15000
785	Fourtner	Diestel	2000
786	Grosman	Owner	2000
787	Thompson	Owner	4000
788	Swanson	Saari	4000
789	Marshall	Glynn	1000
790	Migliassi	Volpatti	3500
791	Dobert	Owner	1800
792	General	Levy	1200
793	Hemminga	Owner	8000
794	Hamlil	Owner	72000
795	Huller	Owner	3900
796	Rathemann	Ludwig	2000
797	Galletta	De Martini	6150
798	Lewis	Schwarz	5400
799	McDonaugh	Reedy	5400
800	Becuti	Moretton	7000
801	Munson	Munson	1000
802	Becker	Meyer	9000
803	Galvin	Owner	4000
804	Blair	Parker	4000
805	Cahill	Crouse	2600
806	Maxon	Owner	4000
807	Edwards	Meyer	3000
808	Thomas	Owner	6000
809	McClure	Owner	3500
810	Burman	Owner	4000
811	Savage	Parker	4000
812	Holmgren	Owner	20000
813	Dickinson	Urban	12000
814	Schlundt	Owner	9000
815	Warden	Owner	8000
816	O'Neill	Nelson	35000
817	Lundstrom	Thulin	1000
818	St. Francis	Bertz	4000
819	Blair	Parker	4000
820	Luric	Vukicevich	40000
821	Matraia	Hurley	4050
822	Barnhouse	National	2257
823	Mercantile	Morton	6613
824	Schabat	Holt	11800
825	Prior	Collonan	900
826	Adams	Moren	3000
827	Johnson	Owner	3000
828	Galbreath	Owner	3000
829	Sullivan	Holt	6500
830	Wisnom	Owner	4000
831	Nicolaysen	Meyer	3000
832	Stitlader	Halsarom	2000
833	Olson	Thulin	1000
834	Coakley	Bacon	1000
835	Raisch	Cox	8000
836	Same	Same	5000
837	Same	Same	7000
838	Marc	Meyer	3000
839	Budinsky	Owner	8000
840	Sullivan	Vukicevich	6000
841	Prior	Hogberg	945
842	McCormick	Lawson	3500
843	Same	Turner	6076
844	Same	Quandt	2179
845	Same	Geary	2950
846	Same	Scott	8020
847	Same	Pacific	9535
848	Lord	Cox	10519
849	Roth	Barrett	72446
850	Nazarene	Cohn	22052
848	Miller	Owner	4000
849	Miller	Owner	4000
850	Pendergast	Lyon	5000
851	Fiske	Owner	8000
852	Snow	Owner	22500
853	Pasqualetti	American	15000
854	Guglielmetti	Marchi	2950
855	Binet	Owner	24000
856	Erigero	Owner	2000
857	McDevitt	Byrnes	8876
858	Newsom	Owner	6000
859	Dankwerth	Black	2000
860	Nelson	Owner	3600
861	Nicolaison	Owner	2500
862	Wentworth	Hoyt	4000

ALTERATIONS

(758) NEW MONTGOMERY & MARket. Rearrange partitions; add fire place and install windows; metal lath and plaster dividing partitions and hollow metal partitions in walls plastered.
Owner—Merchants Nt'l. Bank, Prem.
Architect—J. S. Gould, 251 Kearny St., San Francisco.
Contractor—Grace & Bernieri, 710 Claus Spreckels Bldg., S. F. $10,000

DWELLINGS

(759) E TWENTY-SECOND AVE 33-4 66-8 and 100 N Ulloa. Three one-story and basement frame dwellings.
Owner — Parkside Realty Co., 617 Crocker Bldg., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. $5000 each

DWELLING

(760) S BALBOA 60 W Thirtieth Ave., One-story and basement frame dwelling.
Owner—W. Costello, 806 York St., San Francisco.
Architect—None. $3000

DWELLING

(761) E MAGELLAN AVE 80 S 12th Ave. One-story and basement frame dwelling.
Owner—Lang Realty Co., 219 First National Bank Bldg., S. F.
Architect—Harold G. Stoner, 219 National Bank Bldg., S. F.
Contractor—F. Petersen, 219 First National Bank Bldg., S. F. $4500

ADDITIONS

(762) NO. 340 SEVENTH. Minor additions for shop.
Owner—Reese Blow Pipe Co., 340 7th St., San Francisco.
Architect—None.
Contractor—O. W. Britt, 180 Jessie St., San Francisco. $1800

SHOP

(763) S FOLSOM 50 E Ninth. One-story reinforced concrete shop.
Owner—E. and H. Lewis, 334 6th St., San Francisco.
Designer—Chas. Schwarz, 1440A Hyde St., San Francisco.
Contractor — Chas. Schwarz, 1440A Hyde St., S. F. $3000

DWELLINGS

(764) E TWENTY-NINTH AVE 90 and 115 N Cabrillo. Two one-story and basement frame dwellings.
Owner—J. Harold Johnson, 771 28th Ave., San Francisco.
Architect—None.
Contractor—J. H. Johnson, 180 Jessie St., San Francisco. $3900 each

FRAME FLATS

(765) NW EIGHTEENTH AVE AND Irving 36-6x95. All work for two-story frame flats.
Owner—Schrader Estate Co.
Architect — A. Klahn, 1334 21st Ave., San Francisco.
Contractor—Arthur H. Klahn, 1334 21st Ave., San Francisco.
Filed Mar. 2, '23. Dated Feb. 23, '23.

Roof rafters up	$2560
Brown coated	2560
Plaster completed	2560
Building completed	2595
Usual 35 days	3425
TOTAL COST	$13,700

Bond, none. Limit, Aug. 25, 1923. Forfeit, none. Plans and specifications filed.

PAINTING

(766) NE BRODERICK AND GREENwich E 25xE 87-6. Painting, etc., for two-story and basement bldg.
Owner—Jos. S. and Dora Steiner and Emil A. Neumarkel, 796 Pine St., San Francisco.
Architect—Emil A. Neumarkel, 544 Market St., San Francisco.
Contractor—R. M. Michel.
Filed Mar. 2, '23. Dated Feb. 27, '23.

Inside and outside have 2 coats	$380
Completed and accepted	429
Usual 35 days	270
TOTAL COST	$1079

Bond, $540. Sureties, Helene Michel & Richard Sensenchmidt. Limit, 20 days. Forfeit, none. Plans and specifications filed.

BUNGALOW

(767) W EDNA 75 S Flood Ave S 25 W 100 Lot 47 Blk 18, Sunnyside. All work for four-room bungalow.
Owner—Henry W. Austin, % McCarthy Co., 316 Bush St., San Francisco.
Architect—James Arnott & Son, 235 Granville Way, San Francisco.
Contractor—James Arnott & Son, 235 Granville Way, San Francisco.
Filed Mar. 2, '23. Dated Feb. 5, '23.

Frame up	25%
Brown coated	25%
Completed and accepted	25%
Usual 35 days	25%
TOTAL COST	$2600

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

FRAME FLATS

(768) NW ANZA AND SIXTH AVE. Two-story and basement frame (4) flats.
Owner—Howard Hoots, 485 6th Ave., San Francisco.
Architect—Edw. E. Young, 2002 California St., S. F. $12,000

WAREHOUSE

(769) N SEVENTEENTH 50 E Wisconsin. One-story reinforced concrete warehouse.
Owner — Real Estate & Development Co., Hearst Bldg., San Francisco.
Architect—None.
Contractor—Geo. Wagner, 251 Kearny St., San Francisco. $8000

UNDERPIN BLDG.

(770) N GREEN 137-6 E Pierce. Underpin building.
Owner—Rev. T. Ryan, Green near Steiner St., San Francisco.
Architect—None. $1500

REPAIRS

(771) NO. 2550 BUCHANAN. Repair fire damage to residence.
Owner—Elliott McAllister, Santa Fe Bldg., San Francisco.
Architect—Welsh & Carey, Merchants National Bank Bldg., S. F.
Contractor—M. V. Brady, Monadnock Bldg., San Francisco. $3000

DWELLING

(772) N ROLPH 103 W Athens. One-story and basement frame dwelling.
Owner—Manne J. Peterson, 1189 Naples St., San Francisco.
Architect—None. $3000

DWELLINGS

(773) NW HEARST AVE & FOERSTER and N Hearst Ave 45 W Foerster. Two one-story and basement frame dwellings.

Owner—Moneta Invst. Co., 233 Pacific Bldg., San Francisco.
Plans by Owner.
Contractor—Jas. Arnott & Son, 235 Granville Way, S. F. $2800 each

COTTAGE
(774) W FORTY-SIXTH AVE 100 S Balboa. All work for 6-room cottage.
Owner—Elmer Drees, 327 5th Ave., San Francisco.
Architect—None.
Contractor — Meyer Bros., 5326 Geary St., San Francisco.
Filed Mar. 3, '23. Dated Jan. 2, '23.
Frame up $1125
Brown coated 1125
Completed 1125
Usual 35 days..... 1125
TOTAL COST, $4500
Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

COTTAGE
(776) W FORTY-SIXTH AVE 125 S Balboa. All work for 6-room cottage.
Owner—Gustave Moeller, 2221 Clement St., San Francisco.
Architect—None.
Contractor — Meyer Bros., 5326 Geary St., San Francisco.
Filed Mar. 3, '23. Dated Jan. 2, '23.
Frame up $1125
Brown coated 1125
Completed 1125
Usual 35 days..... 1125
TOTAL COST, $4500
Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

COTTAGE
(776) S BALBOA 90 W Forty-sixth Ave. All work for 6-room cottage.
Owner—Gustave Moeller, 2221 Clement St., San Francisco.
Architect—None.
Contractor — Meyer Bros., 5326 Geary St., San Francisco.
Filed Mar. 3, '23. Dated Jan. 2, '23.
Frame up $1125
Brown coated 1125
Completed 1125
Usual 35 days..... 1125
TOTAL COST, $4500
Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

COTTAGE
(777) E FORTY-SEVENTH AVE 120 S Balboa. All work for six-room cottage.
Owner—Elmer H. Berryman, 2221 Clement St., San Francisco.
Architect—None.
Contractor — Meyer Bros., 5326 Geary St., San Francisco
Filed Mar. 3, '23. Dated Jan. 2, '23.
Frame up $1125
Brown coated 1125
Completed 1125
Usual 35 days..... 1125
TOTAL COST, $4500
Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

COTTAGE
(778) W FORTY-SIXTH AVE 265 S Balboa. All work for 6-room cottage.
Owner — Wm. T. Ryan, 2221 Clement St., San Francisco.
Architect—None.
Contractor — Meyer Bros., 5326 Geary St., San Francisco.
Filed Mar. 3, '23. Dated Jan. 2, '23.
Frame up $1175
Brown coated 1175
Completed 1175
Usual 35 days..... 1175
TOTAL COST, $4700
Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

COTTAGE
(779) E FORTY-SEVENTH AVE 236 S Balboa. All work for six-room cottage.
Owner—Gustave Moeller, 2221 Clement St., San Francisco.
Architect—None.
Contractor — Meyer Bros., 5326 Geary St., San Francisco.
Filed Mar. 3, '23. Dated Jan. 2, '23.
Frame up $1125
Brown coated 1125
Completed 1125
Usual 35 days..... 1125
TOTAL COST, $4500
Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

COTTAGE
(780) W FORTY-SIXTH AVE 237½ S Balboa. All work for six-room cottage.
Owner—Wm. Kuchlenz, 2221 Clement St., San Francisco.
Architect—None.
Contractor — Meyer Bros., 5326 Geary St., San Francisco.
Filed Mar. 3, '23. Dated Jan. 2, '23.
Frame up $1175
Brown coated 1175
Completed 1175
Usual 35 days..... 1175
TOTAL COST, $4700
Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

FRAME FLATS
(781) S BALBOA 95 E Nineteenth Ave E 25xS 100. All work for two-story and basement frame flat building.
Owner—Wm. H. and Henrietta F. Snyder, 86 Ramona St., S. F.
Architect—None.
Contractor—A. M. Hardy, 518 24th Ave., San Francisco.
Filed Mar. 3, '23. Dated Feb. 21, '23.
Frame up $2810
Brown coated 2810
Completed 2810
Usual 35 days..... 2810
TOTAL COST, $11,240
Bond, none. Limit, 120 days after Feb. 26, 1923. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(782) SE BRYANT AND ZOE E 75xS 97-6. All work for alterations to building.
Owner—Albert Cohen, 614 10th Ave., San Francisco.
Architect—None.
Contractor—A. M. Hardy, 518 24th Ave., San Francisco.
Filed Mar. 3, '23. Dated Feb. 21, '23.
Contractor to furnish statement on 1st and 15th of each month at which time all bills and money expended shall be paid
TOTAL COST plus 10%
Bond, none. Limit, 90 days after Feb. 26. Forfeit, plans and specifications, none.

APARTMENTS
(783) SW TWENTY-THIRD AND Valencia. Three-story frame (18) apartments.
Owner—Thos. E. Twohig, 103 San Jose Ave., San Francisco.
Architect—None. $28,000

DWELLING
(784) W LYON foot Green. Two-story and basement frame dwlg.
Owner—Carlo Matraia, 747 New Call Bldg., San Francisco.
Architect — August G. Headman, 747 New Call Bldg., S. F. $15,000

ALTERATIONS
(785) NW ALABAMA AND TWENTY-third. General repairs for store and flat; plumbing; concrete work, etc.
Owner—A. L. Fourtner, 248 Russ Bldg., San Francisco.
Architect—None.
Contractor—John Diestel, 248 Russ Bldg., San Francisco. $2000

DWELLING
(786) E CURTIS 200 S Rolph. One-story and basement frame dwlg.
Owner—W. E. Grosman, 51 Curtis St., San Francisco.
Architect—None. $2000

DWELLING
(787) E TWENTY-FOURTH AVE 140 S Ulloa. One-story and basement frame dwelling.
Owner—Chas. J. Thompson, 2520 24th Ave., San Francisco.
Architect—S. C. Shufelt, 2520 24th Ave. San Francisco. $4000

DWELLING
(788) W SAN BRUNO AVE 180 S Harkness. One-story and basement frame dwelling.
Owner—A. Swanson, 3538 San Bruno Ave., San Francisco.
Architect—None.
Contractor—S. Saari, 155 Brussels St., San Francisco. $4000

ALTERATIONS
(789) NO. 134 SEVENTH AVE. Install hardwood flooring; cement steps; plaster front for dwelling.
Owner—John W. Marshall, 84 Sotello St., San Francisco.
Architect—None.
Contractor — H. Glynn, 722 35th St., Oakland $1000

DWELLING
(790) NE COURTLAND AVE AND Folsom. One-story and basement frame dwelling.
Owner—G. Migliassi, 200 Ellsworth St., San Francisco.
Architect—None.
Contractor—G. D. Volpatti, 301½ Nevada St., San Francisco. $3500

DWELLING
(791) NW AVALON & EDINBURGH. One-story and basement frame dwelling.
Owner—Henry Dobert, 425 Avalon Ave. San Francisco.
Architect—None. $1800

SHEDS
(792) NO. 1049 HOWARD. One-story frame storage sheds.
Owner—General Steel Co., 1049 Howard St., San Francisco.
Architect—None.
Contractor—Jules Levy, 1035 Golden Gate Ave., San Francisco. $1200

DWELLINGS
(793) W TWENTY-FIRST AVE 150 and 175 N Cabrillo. Two two-story and basement frame dwellings.
Owner—Nick Hemminga, 705 22nd Ave., San Francisco.
Architect—None. $4000 each

DWELLINGS
794) W FORTY-SECOND AVE 30, 60, 90, 120, 150, 180 and 210 S Anza; and W Forty-second Ave. 330, 190 160, 130 and 100 N Balboa. Twelve one-story and basement frame dwellings.
Owner—Thos. Hamill, 6140 Geary St., San Francisco.
Architect—None. $6000 each

DWELLINGS
(795) NW LONDON 150 and 175 NE Russia. Two one-story and basement frame dwellings.
Owner—F. W. Huller, 4609 Mission St., San Francisco.
Architect—None. $1950 each

ALTERATIONS
(796) NW VALENCIA & TWENTY-sixth. Cement floor for stores; cement floor for garage quarters.
Owner—J. Rathemann, 35 Parallone St., San Francisco.
Architect—None.
Contractor—U. T. Ludwig, 636 Jessie St., San Francisco. $2000

FRAME BLDG.
(797) S CHESTNUT 137-6 W Pierce W 27-6xS 137-6. All work except lighting fixtures, shades and finish hardware for one-story and basement frame building.
Owner—John Galletta, 5027 California St., San Francisco.
Architect—Paul F. De Martini, 946 Broadway, San Francisco.
Contractor—Paul De Martini, 946 Broadway, San Francisco.
Filed Mar. 5, '23. Dated Feb. 20, '23.
Frame up $1637.50
Brown coated 1637.50
Completed and accepted..... 1637.50
Usual 35 days..... 1637.50
TOTAL COST, $6150.00
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

REINF. CONCRETE BLDG.
(798) S FOLSOM 50 E Ninth E 30x90. All work for one-story reinforced concrete building.
Owner—Edward and Henrietta Lewis, 334 6th St., San Francisco.
Architeca—Chas. Schwarz, 1440A Hyde St., San Francisco.
Contractor — Charles Schwarz, 1440A Hyde St., San Francisco.
Filed Mar. 5, '23. Dated Mar. 5, '23.
Concrete forms completed.....$1350
Concrete poured and roof rafters in place 1350
Completed and accepted..... 1350
Usual 35 days..... 1350
TOTAL COST, $5400
Bond, $2700. Sureties, Paul Gottlieb & C. C. Reinhart. Limit, 60 days. Forfeit, none. Plans and specifications filed.

FRAME BLDG.
(799) W ARGUELLO BLVD 225 S Geary 25x120. All work for two-story and basement frame building
Owner—Peter P. McDonough, 708 Kearny St., San Francisco.
Plans by Contractor.
Contractor—Wm. M. Reedy, 267 Ellsworth St., San Francisco.
Filed Mar. 5, '23. Dated Mar. 3, '23.
Frame up $1350
Plastered 1350
Completed and accepted..... 1350
Usual 35 days..... 1350
TOTAL COST, $5400
Bond, none. Limit, 70 days. Forfeit, none. Plans and specifications filed.

FRAME FLAT
(800) NW BRAZIL AND MADRID. Two-story and basement frame store and flat.
Owner—Pietro Beccuti, Premises.
Architect—L. Traverso, 854 Union St., San Francisco.
Contractor—J. Moretton & Garino, 727 Madrid St., S. F. $7000

ALTERATIONS
(801) W MISSISIPPI 175 — 18th St., Enlarge front room, and add 4 rooms for (2) flats.
Owner—John and Elvira Munson, 332 Mississippi St., San Francisco.
Architect—None.
Contractor—John Munson, 332 Mississippi St., San Francisco. $1000

DWELLINGS
(802) W THIRTY-SECOND AVE 175, 200 and 225 S Clement. Three one-story and basement frame dwlgs.
Owner—G. Becker, 623 22nd Ave., S. F.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Meyer Bros., 5326 Geary St., San Francisco. $3000 each

DWELLING
(803) S TWENTY-FOURTH 125 W Dolores. One-story and basemsnt frame dwelling.
Owner—Edw. Galvin, 628 Montgomery St., San Francisco.
Plans by Owner. $4000

DWELLING
(804) N MAGELLAN AVE 309 W Cortes. One-story and basement frame dwelling.
Owner—H. R. Blair, 65 Shoreview Ave., San Francisco.
Architect—O. R. Thayer, 110 Sutter St., San Francisco.
Contractor—C. F. Parker, 15 Merced Ave., San Francisco. $4000

ADDITION
(805) NO. 520 ANZA. Add three rooms and bath.
Owner—Mrs. N. Cahill, Premises.
Architect—None.
Contractor—H. L. Crouse, 4324 Geary St., San Francisco. $2600

DWELLING
(806) W TWENTY-FIFTH AVE 175 N Cabrillo. One-story and basement frame dwelling.
Owner—James O. Maxon, 247 Montgomery St., San Francisco.
Plans by Owner. $4000

DWELLING
(807) W TWENTY-THIRD AVE 200 N Anza. One-story and basement frame dwelling.
Owner—W. C. Edwards, 773 28th Ave., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Meyer Bros., 5326 Geary St., San Francisco. $3000

FRAME FLATS
(808) S CALIFORNIA 57-6 W 30th Ave. Two-story and basement frame (2) flats.
Owner—J. C. Thomas, 380 20th Ave., San Francisco.
Architect—None. $6000

DWELLING
(809) NW BELGRAVE & STANYAN. One-story and basement frame dwelling.
Owner—C. A. McClure, 1293 Stanyan St., San Francisco.
Plans by Owner $3500

DWELLING
(810) INTERSECTION CHENERY & Surrey. One-story and basement frame dwelling.
Owner—E. P. Burman, 134 Surrey St., San Francisco.
Architect—None. $4000

DWELLING
(811) S HERMANDEZ 110 E Garcia. One-story and basement frame dwelling.
Owner—Oswald Savage, Claremont Ct., San Francisco.
Architect—Harold G. Stoner, First Nt'l. Bank Bldg., San Francisco.
Contractor—C. F. Parker, 15 Merced Ave., San Francisco. $4000

APARTMENTS
(812) SW CALIFORNIA & EIGHTH Ave. Three-story and basement frame (9) apartments.
Owner—Karl H. Holmgren, 680 15th Ave., San Francisco.
Architect—None. $20,000

FRAME FLATS
(813) E THIRTEENTH AV 125 S California. Two-story and basement frame (2) flats.
Owner—Mrs. Etta B. Dickinson, 179 20th Ave., San Francisco.
Architect—None.
Contractor—G. W. Urban, 641 O'Farrell St., San Francisco. $12,000

FRAME FLATS
(814) N PINE 87-6 W Fillmore. Two-story and basement frame (2) flats
Owner—Carl F. Schlundt, 2221 Webster St., San Francisco.
Architect—Albert J. Fabre and Ernest H. Hildebrand, 110 Sutter St., San Francisco. $9000

FRAME FLATS
(815) W DIVISADERO 185 N 14th. Two-story and basement frame (4) flats.
Owner—Fred Warden, 825 Monadnock Bldg., San Francisco.
Architect—J. C. Hladik, Monadnock Bldg., San Francisco. $8000

APARTMENTS
(816) S IRVING 95 W Third Ave. Three-story and basement frame (12) apartments.
Owner—J. J. O'Neill, 1274 28th Ave., San Francisco.
Architect—W. C. Mahoney, 892 Union St., San Francisco.
Contractor—E. K. Nelson, 77 O'Farrell St., San Francisco. $35,000

ALTERATIONS
(817) NO. 1082 MARKET. Remodel store fronts.
Owner—Lundstrom Hat Works, 1114 Market St., San Francisco.
Architect—Frederick G. Monk Jr., 58 Francis St., San Francisco.
Contractor—A. L. Thulin, 180 Jessie St., San Francisco. $1000

DWELLING
(818) W SAN PABLO AVE 355 S Portola Drive. One-story and basement frame dwelling.
Owner — St. Francis Wood Co., 278 Post St., San Francisco.
Architect—Earle B. Bertz, 168 Suttsr St., San Francisco. $4000

DWELLING
(819) S MAGELLAN 285 W Cortes. One-story and basemsnt frame dwelling.
Owner—H. R. Blair, 65 Shorevisw Ave., San Francisco.
Architect—O. R. Thayer, 110 Suttsr St., San Francisco.
Contractor — C. F. Parkss, 15 Mercsd Ave., San Francisco. $4000

STORES & OFFICES
(820) N CALIFORNIA 139-5 W Ksarny Two-story and bassment Class B concrste stores and offices.
Owner—The Lurie Co., 315 Montgomery St., San Francisco.
Architect—O'Brien Bros., Inc., 315 Montgomery St., San Francisco.
Contractor—Vukicevich & Bagge, 185 Stevenson St., S. F. $40,000

CONCRETE WORK, ETC.
(821) S BDY OF MIRANDA GRANT and W Lyon W 92.07 N 277.87 E 57-9 S 279.84. Concrete and cement work for six frome buildings.
Owner—Carlo Matrala, Call Bldg., San Francisco.
Architect—August G. Headman, Call Bldg., San Francisco.
Contractor—P. Hurlsy, 146 Stevsnson St., San Francisco.
Filed Mar. 6, '23. Dated Feb. 28, '23.
Concrete work of 3 housss poured .....$ 850
Concrete all poured..... 850
Completed and accepted..... 1337
Usual 35 days..... 1013
TOTAL COST, $4050
Bond, $2025. Suretles, J. H. McCallum and F. Roth. Limit, as soon ae possible. Forfeit, $20. Plans and specifications filed.

RESIDENCE
(822) NE CHARLES AND ACADEMY 94x30. All work for one-story frame residsnce.
Owner—Lou Barnhouse.
Architect—None.
Contractor—National Mill & Lumber Co., 318 Market St., San Francisco
Filed Mar. 6, '23. Dated Feb. 23, '23.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, $2257
Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

BANK
(823) SW BAUER AND MISSION S 31° 53' W 10.644 S 83° 14' W 88.98 N 6° 46' W 44.94 N 31° 51 E 31.12 S 58° 7' E 97.56 Lot 1 W. A. Lange's Sub Blk 1, Academy Tract. All work for branch bank.
Owner—Mercantile Trust Co., 464 California St., San Francisco.
Architect—G. Albert Lansburgh, 140 Montgomery St., San Francisco.
Contractor—John Morton, Balboa Bldg., San Francisco.
Filed Mar. 6, '23. Dated Mar. 3, '23.
Monthly payments of..... 75%
36 dnys after.....Balance
TOTAL COST, $5613
Bond, $3306.50. Surety, New Amsterdam Casualty Co. Limit, Aprll 30, 1923 Forfeit, none. Plans and specifications filed.

DWELLING
(824) W TWENTY-EIGHTH AVE 150 S California. All work for two-story frame dwelling.
Owner—Emil F. and Ingeburg Schabat, 6517 California St., San Francisco.
Architect—None.
Contractor—O. K. Holt, 3877 25th St., San Francisco.
Filed Mar. 6, '23. Dated Feb. 24, '23.
Frame up $2250
Brown coated 2250
Completed 2250
Usual 35 days..... 2250
Deed of trust for..... 2800
TOTAL COST, $11,800
Bond, none. Limit, 100 days. Forfeit, none. Plans and specifications filed.

ELECTRICAL WIRING
(825) SW MASON AND EDDY. All work for electrical wlring in stores
Owner—Est. J. K. Prior, 2901 Pacific Ave., San Francisco.
Architect—None.
Contractor — Collonan Elec. Mfg. Co., 3211 Mission St., San Francisco.
Filed Mar. 6, '23. Dated Feb. 19, '23.
TOTAL COST, $900
Bond, $450. Surety, Hartford Accidsnt & Indemnity Co. Limit, forfeit, none. Specifications only filed.

ALTERATIONS
(826) NO. 53 SANCHEZ. Alter present building for 2 flats; plumbing, electric work, etc., cement floor in basement.
Ownsr—Mrs. E. H. Adams, 151 24th Ave., San Francisco.
Architect—None.
Contractor—Geo. R. Moren, 3225 Market St., San Francisco. $3000

DWELLING
(827) W THIRTY-THIRD AVE 253 N Fulton. One-story and basement frame dwelling.
Owner—S. F. Johnson, 632 Funston Ave., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. $3000

STORES, ETC.
(828) SW POLK AND BONITA. One-story frame stores and living quarters.
Owner—A. J. Galbreath Realty Co., 166 Geary St., Room 90, S. F.
Architect—None. $3000

SHOP
(829) S BRYANT 116 W Second St. One-story concrete shop.
Owner—Walter H. Sullivan, Alexander Bldg., San Francisco.
Architect—Leo J. Devlin, Pacific Bldg., San Francisco.
Contractor—O. C. Holt, 543 21st Ave., San Francisco. $6600

DWELLING
(830) E FORTY-SECOND AVE 25 S Anza. One-story and basement frame dwelling.
Owner—F. Wisnom, 627 23rd Ave., San Francisco.
Architect—None. $4000

DWELLING
(831) E TWENTY-FOURTH AVE 275 S Geary. One-story and basement frame dwelling.
Owner—N. Nicolaysen, 642 24th Ave., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Meyer Bros., 5326 Geary St., San Francisco. $3000

ALTERATIONS
(832) NO. 4734 MISSION. Concrete flooring and other repairs for grocery store.
Owner—C. P. Stitiader, 3083 16th St., San Francisco.
Architect—None.
Contractor — Arthur Halstrom, 3032 16th St., San Francisco. $2000

REPAIRS
(833) NO. 3430-32 TWENTY-FIRST. Repair fire damage to flats; interior and exterior work.
Owner—O. Olson, 3476 21st St., S. F.
Architect—None.
Contractor—A. L. Thulin, 180 Jessie St., San Francisco. $1000

ALTERATIONS
(834) NO. 424 IVY AVE. Raise present dwelling 2 ft., change hip roof to flat roof; cement floor; concrete foundation.
Owner—E. J. Coakley.
Architect—None.
Contractor—E. Bacon, — Broderick St. San Francisco. $1000

DWELLINGS
(835) E FIFTH AVE 30 S Kirkham; NE FIFTH AVE & SERPENTINE. two two-story and basement frame dwellings.
Owner—A. J. Raisch, 46 Kearny St., San Francisco.
Architect—None.
Contractor—Cox Bros., 1309 9th Ave., San Francisco. $4000 each

DWELLING
(836) NE SERPENTINE & SIXTH Aves. One-story and basement frame dwelling.
Owner—A. J. Raisch, 46 Kearny St., San Francisco.
Architect—None.
Contractor—Cox Bros., 1309 9th Ave., San Francisco. $5000

DWELLING
(837) SW SIXTH AVE & KIRKHAM. Two-story and basement frame dwelling.
Owner—A. J. Raisch, 46 Kearny St., San Francisco.
Architect—None.
Contractor—Cox Bros., 1309 9th Ave., San Francisco. $7000

DWELLING
(838) W TWENTY-FOURTH AVE 275 N Geary. One-story and basement frame dwelling.
Owner—P. J. Marc, 2337 Clement St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Meyer Bros., 5326 Geary St., San Francisco. $3000

FRAME FLATS
(839) N WALLER bet. Scott & Pierce. Two-story and basement frame (4) flats.
Owner—F. F. Budinsky, 1693 Mission St., San Francisco.
Architect—J. C. Hladik, Monadnock Bldg., San Francisco. $8000

FACTORY
(840) S FOLSOM 137-6 E Third. One-story concrete factory.
Owner—Walter H. Sullivan, Inc.
Architect—Leo J. Devlin, Pacific Bldg., San Francisco.
Contractor—Vukicevich & Bagge, 180 Jessie St., San Francisco $6000

PARTITIONS, ETC.
(841) SW EDDY AND MASON. 8-in. brick wall in rear of 1st floor and terra cotta cross partition in old theatre entrance on Mason St.
Owner—The Prior Estate, 2901 Pacific Ave., San Francisco.
Architect—None.
Contractor—Emil Hogberg, 180 Jessie St., San Francisco.
Filed Mar. 7, '23. Dated Feb. 21, '23.
Monthly payments of..... 75%
Usual 35 days..... Balance
TOTAL COST, $945
Bond, $700. Sureties, L. B. Sibley and D. J. Sullivan. Limit, without delay. Forfeit, plans and specifications, none.

PLUMBING
(842) N MISSION AND FREMONT NE 137-6xNW 137-6. Plumbing for 3-story and basement reinforced concrete store and loft building.
Owner—Josephine C. McCormick, Isabelle and Beatrice Cebrian and Maria C. de F. de Caleya, 2031 Baker St., San Francisco.
Architect — G. A. Applegarth, Claus Spreckels Bldg., San Francisco.
Contractor—Lawson & Drucker, 450 Hayes St., San Francisco.
Filed Mar. 7, '23. Dated Feb. 24, '23.
On 10th of each month..... 76%
Usual 35 days..... 25%
TOTAL COST, $3500
Bond, $1750. Surety, Hartford Accident & Indemnity Co. Limit, July 1, 1923. Forfeit, none. Plans and specifications filed.

(843) ELECTRICAL WORK ON above.
Contractor—The Turner Co., 272 Natoma St., San Francisco.
Filed Mar. 7, '23. Dated Feb. 24, '23.
Payments same as above.....
TOTAL COST, $6076
Bond, $3038. Surety, Globe Indemnity Co. Limit, June 30, 1923. Forfeit, none. Plans and specifications filed.

(844) PAINTING ON ABOVE.
Contractor—A. Quandt & Sons, 374 Guerrero St., San Francisco.
Filed Mar. 7, '23. Dated Feb. 28, '23.
Payments same as above.....
TOTAL COST, $2179
Bond, $1089. Surety, New Amsterdam Casualty Co. Limit, June 30, 1923. Forfeit, none. Plans and specifications filed.

(845) KILN DRIED OREGON PINE flooring on above.
Contractor—Geary Floor Co., 180 Jessie St., San Francisco.
Filed Mar. 7, '23. Dated Mar. 1, '23.
Payments same as above.....
TOTAL COST, $2250
Bond, $1475. Surety, New Amsterdam Casualty Co. Limit, June 30, 1923. Forfeit, none. Plans and specifications filed.

(846) STEAM HEATING SYSTEM ON above.
Contractor—Scott Co., 243 Minna St., San Francisco.
Filed Mar. 7, '23. Dated Feb. 28, '23.
Payments same as above.....
TOTAL COST, $8020
Bond, $4010. Surety, New Amsterdam Casualty Co. Limit, June 30, 1923. Forfeit, none. Plans and specifications filed.

(847) AUTOMATIC SPRINKLER SYSTEM on above.
Engineer—H. J. Brunnier.
Contractor—Pacific Fire Extinguisher Co., 440 Howard St., San Francisco
Filed Mar. 7, '23. Dated Feb. 28, '23.
Payments same as above.....
TOTAL COST, $9535
Bond, $4767. Surety, Fidelity & Deposit Co. Limit, June 30, 1923. Forfeit, none. Plans and specifications filed.

COTTAGE
(848) W FUNSTON AVE. 161 N Taraval. Carpenter, concrete, mill work and plastering for 6-room cottage.
Owner—Frank Lord, 1030 Franklin St., San Francisco.
Architect—None.
Contractor—Cox Bros., 1309 9th Ave., San Francisco.
Filed Mar. 7, 1923. Dated Mar. 7, 1923.
Frame up $2629.75
Brown coated 2629.75
Completed and accepted..... 2629.75
Usual 35 days 2629.75
TOTAL COST, $10,519
Bonds, none; Sureties, none; Forfeit, none; Limit, 90 days; Plans and specifications filed.

BUILDING
(849) N TOWNSEND 183-4 E 5th 91-8x 120. All work for 1-story and basement class B reinforced
Owner—Roth Winter & Walsh.
Architect—Ward & Blohme, 454 California St., California.
Contractor, Barrett & Hilp, 913 Harrison St., San Francisco.
Filed Mar. 7, 1923. Dated Feb. 8, 1923.
1st and 15th each month..... 75%
Usual 35 days 25%
TOTAL COST, $72,446
Bond, $36,223; Sureties, Albert Lachman, J. T. Casey; Forfeit, none; Limit, $120 days; Plans and specifications filed.

CHURCH
(850) SW TWENTIETH & SAN CARlos Ave W 37-6 x S 85. All work except heating, painting and benches for church building.
Owner—The First Church of the Nazarene, 19th St., near Mission.
Designer—Fred C. Kramer, 1146 Florida St., San Francisco.
Contractor—Louis J. Cohn, 110 Sutter St., San Francisco.
Filed Mar. 7, 1923. Dated Feb. 2, 1923.
Roof boards on $5513
Brown coated 5513
Compl. & accpt., note at 6%..... 5513
Usual 35 days, note at 6%..... 5513
TOTAL COST, $22,052
Bond, $11,000; Sureties, Geo. Cohn and Morris B. Cohn; Forfeit, $10; Limit June 25, 1923; Plans and specifications filed.

DWELLING
(848) N VIENNA 250 W France. One-story and basement frame dwelling
Owner—J. Miller, 83 Rotteck St., San Francisco.
Architect—None. $4000

DWELLING
(849) N VIENNA 225 W France. One-story and basement frame dwelling
Owner—J. Miller, 83 Rotteck St., San Francisco.
Architect—None. $4000

DWELLING
(850) W De SOTO 250 S Urbano Drive. One-story and basement frame dwelling.
Owner—Agnes M. Pendergast, 2479 Folsom St., San Francisco.
Architect—O. F. Lyon, 1945 Grout St., San Francisco.
Contractor—O. F. Lyon, 1945 Grout St., San Francisco. $5000

DWELLINGS
(851) E TWENTY-FIRST AVE 350 & 375 S Irving. Two one-story and basement frame dwellings.
Owner—Fred Fiske, 1363 8th Ave., San Francisco.
Architect—None. $4000 each

APARTMENTS
(852) NW LAGUNA AND CALIFORnia. Three-story and basement frame (12) apartments.
Owner—Alphonse Snow, % Architect.
Architect—H. C. Baumann and Edw. Jose, 251 Kearny St., San Francisco. $22,500

GARAGE
(853) S GOLDEN GATE AVE 55 E Buchanan. Two-story reinforced concrete private garage.
Owner—Jos. Pasqualetti, 785 Market St., San Francisco.
Architect—None.
Contractor—American Concrete Co., 785 Market St., S. F. $15,000

RESIDENCE
(854) W PARIS 25 N France. One-story and basement frame residence.
Owner—Mrs. A. Guglielmetti, 594 Paris St., San Francisco.
Architect—None.
Contractor—A. Marchi, 6836 Mission St., San Francisco. $2950

FLATS
(855) W SHRADER 120, 145, 170 and 195 S Parnassus. Four two-story and basement frame (2 in each) flats.
Owner—John J. Binet, 275 Claremont Blvd., San Francisco.
Architect—None. $6000 each

ALTERATIONS
(856) NE LAFAYETTE & HOWARD. Construct foundation and cement sidewalk for flats.
Owner—Eugenio Erigero. 1688 Howard St., San Francisco.
Architect—John J. Foley, 770 5th Ave., San Francisco. $2000

FRAME FLATS
(857) W DOLORES 75 N Thirtieth. Two-story and basement frame (2) flats.
Owner—Arthur A. McDevitt, 20 29th St., San Francisco.
Architect—None .
Contractor—Wm. Byrnes, 1623 Dolores St., San Francisco. $8875

FRAME FLATS
(858) W RAMONA 65 S Fourteenth. Two-story and basement frame (2) flats.
Owner—Mrs. Katherine Newsom. 37 Ramona St., S. F.
Architect—None. $6000

ALTERATIONS
(859) NO. 950 TREAT AVE. Raise dwelling 5 ft., concrete floor for basement garage and plaster front
Owner—Mrs. Mary Dankwerth, Prem.
Architect—None.
Contractor—W. J. Black, 1306 Guerrero St., San Francisco. $2000

DWELLING
(860) E MADRONE AVE 383 N Ulloa. One-story and basement frame dwelling.
Owner—Fernando Nelson & Sons, Inc., 2 West Portal Park Ave., S. F.
Architect—None. $3500

DWELLING
(861) NE BISMARK 200 SE Rhine. One-story and basement frame dwelling.
Owner—Geo. Nicolaison, 138 Bismark St., San Francisco.
Plans by Owner. $2500

ADDITION
(862) NO 45 SECOND. Add mezzanine floor in store.
Owner—Wentworth Co., 539 Market St. San Francisco.
Architect—None.
Contractor—H. P. Hoyt, Monadnock Bldg., San Francisco. $1000

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted

Mar 1, 1923—S LINE TRACT BDED by Ocean Ave, Faxon Ave., and Ashton Ave extended and having Average depth from Ocean Ave of 1100. Pacific Hebrew Orphan Asylum and Home Society to Wm J Forster. Feb. 23, 1922; Ira W. Cobburn.....Feb. 27, 1923

Mar. 2, 1923—NO. 547-555 WASHINGton 155 E Montgomery and running through to Merchant 50x122. Mark Sheldon Co to Del Favero & Rasori.....Feb. 28, 1923

Mar 3, 1923—NE SCOTT AND JACKson N 255-4½ E 65 S 255-4½ W 65. Perkins & Trowbridge to Gilley Schmid Co.....Feb. 27, 1923

Mar. 3, 1923—S CABRILLO 92-6 W 12th Ave W 27-6x100. Alfred T Morris to whom it may concern.....March 3, 1923

Mar. 3, 1923—W FORTY-FIFTH AV 174, 144, 204 and 234 S Anza 30x120 W 45th Ave 264 S Anza, 27-9x120; W 45th Ave 85 S Anza, 29x120 and W 45th Ave 114 S Anza 30x120. H C Keenan to whom it may concern.....March 1, 1923

Mar. 5, 1923—N GROVE 106-3 E Clayton N 137-6xE 25. Allan E Axford to H S Meinberger.....Mar. 3, 1923

Mar. 5, 1923—E CHURCH 76-6 N Army N 25xE 96. Wm E Patrice to A Cuneo and Wm Demartini.....March 2, 1923

Mar. 5, 1923—NE SUTTER AND Larkin distant therefrom 87-6 N th N 50xE 137-6. Harry C Warwick to whom it may concern.....March 5, 1923

Mar. 5, 1923—N GRAFTON AVE 75 W Brighton Ave W 25xN 100 Lot 4 Blk 5, Lakeview. Mary Scully to Gustave Carlson and Olaf Olsen.....Dec. 20, —

Mar. 5, 1923—LOT 8 BLK 18 Hesbdxn Blks 18 and 21 and Ptn Blk 19 and Lots lettered P, Q, R and S, St. Francis Wood Extn No. 2. Westgate Park Co to Allen & Co.....March 3, 1923

Mar. 5, 1923—E FRANKLIN 40 S Francisco 28-9x124-3. A Finocchio to G Terrone & Son.....Mar. 3, 1923

Mar. 6, 1923—SW HYDE & GREENwich W 92xS 40. J B Martin to Pacific Rolling Mill Co. Inc.....Feb. 19, 1923

Mar. 6, 1923—W THIRTY-NINTH AV 190 S Clement S 30x W120. Arthur and Barry Quinn to whom it may concern.....Feb. 28, 1923

Mar. 6, 1923—S MARKET 150 W 12th (Moose Club Bldg.). F L Hansen to L A Reeder.....Mar. 3, 1923

Mar. 6, 1923—W GRANT AVE 87-6 N Bush N 20xW 68-9. Richard J O'Brien to whom it may concern.....March 3, 1923

Mar. 6, 1923—NW OCEAN AVE AND Plymouth Ave W 36.29 N 100 E 24.-084 S on curve 100.783. J C Irvine to whom it may concern.Feb. 26, 1923

Mar 6, 1923—S BUSH 77-6 W Leavenworth S 137-6xW 30. John O Tillow to Scott Co and G P W Jensen.....March 5, 1923

Mar. 6, 1923—NW CHESTNUT AND Gough 137-6 W Gough W 100xW 137-6. R E Sbarboro, H L Detjen and J F Noonan to A M Hardy...—

Mar. 6, 1923—W TWENTY-FIFTH Ave 75 S Lake S 25xW 120. August Magnuson and Adrian Peterson to whom it may concern....Mar. 5, 1923

Mar. 7, 1923—NE LIBERTY AND Dolores. Pearl R and Ellen V Hart to Mager Bros.....Mar. 5, 1923

Mar. 7, 1923—E VIENNA 225 N France Ave 50x100. Geo J Steiger to W S Grosman.....Mar. 6, 1923

Mar. 7, 1923—W EIGHTH AVE 275 S Geary S 25xW 120. Filippo Denegri to A Ferreccio.....Mar. 5, 1923

Mar. 7, 1923—W EIGHTEENTH AVE 200 N Anza N 25xW 120. Jos C Kirby to whom it may concern.....March 7, 1923

Mar. 7, 1923—NO. 165 BUENA VISTA Ave. A A Brown to Boxton & Zwieg.....Mar. 1, 1923

Mar. 7, 1923—E TAYLOR 137-6 S Post S 60xE 82-6. Josephine and James Welsh to whom it may concern.....Mar. 5, 1923

Mar. 7, 1923—S ELLIS 50 E Taylor E 37-6xS 72-6. Walter H Sullivan to Barrett & Hilp.....Mar. 6, 1923

Mar. 7, 1923—W GUERRERO 141-9 SE Market N 141-9 SW 149-10½ SE 122-3½ m or l to beg. Mary Ives Crocker to California Electrical Constr Co and Joost Bros, Inc.....March 5, 1923

Mar. 8, 1923—SW TURK & LEAVENworth 37-6x87-6. A G Page to Thos M Jones.....Jan. 23, 1923

Mar. 8, 1923—N SACRAMENTO 161 W Franklin W 39xN 127-8¾. Milton Latham to whom it may concern.....Feb. 27, 1923

Mar. 8, 1923—SW BRYANT AND Center 41-6 on Bryant and 80 on Center. Samuel Schell to whom it may concern.....Feb. 28, 1923

Mar. 8, 1923—E TWENTY-FIFTH AV 250 S California S 25xE 120. Erika E Westerlund to M P Storheim...—

Mar. 8, 1923—E MISSION 160 N 15th N 25xE 160. V Logomarsino to whom it may concern....Mar. 7, 1923

Mar. 8, 1923—S FALLON PLACE 79-0⅜ E Taylor E 64-6xS 50. Louis Kahn to Leonard Bosch..Mar. 7, 1923

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Accepted

Mar. 1, 1923—SW EUGENIA AV 77-4 SE Coleridge SE 25xSW 70. Eaton & Smith vs Sam F Williams..$126.25

Mar. 1, 1923—NE EUGENIA AVE 70 SE Coleridge SE 28-8xNE 75. Eaton & Smith vs Howard C and L Castle $144.63

Mar. 3, 1923—E FUNSTON AVE 100 N Geary N 25xE 120. E M Hundley vs J E Barker $297.60

Mar. 3, 1923—S BUSH 190 E Pierce E 36-6xS 137-6. Fibrestone & Roofing Co vs Annie & Gus Berndt and George Williams.....$175

Mar. 3, 1923—N OAK 109-2 E Steiner E 40xN 100. Fibrestone & Roofing Co vs C S Grillo and R Eberhart $70

Mar. 5, 1923—E FUNSTON AVE 100 N Geary N 25xE 120. G H Grenville vs Chas Schmitz $46.79

Mar. 6, 1923—E FUNSTON AVE 100 N Geary N 25xE 120. Standard Hardwood Floor Co vs Jas E Parker, Chas and Ethel D Schmitz $632

Mar. 6, 1923—E FUNSTON AVE 100 N Geary N 25xE 120. Mangrum & Otter, Inc vs Chas Schmitz.....$421

Mar. 7, 1923—LOT 10 BLK 5743 fmly Blk 83-112 Gift Map No. 2; W Moultrie 125 N Crescent Ave N 25 xW 70. The Greater City Lumber Co vs Ellen A Hilles and William Quinn $498.67

Mar. 7, 1923—W FOURTEENTH AVE 224 N Cabrillo N 25xW 140. Pope & Talbot vs Louis S Constine, J E Barker and Isabel Constine..$828.22

Mar. 7, 1923—E FUNSTON AVE 100 N Geary N 25xE 120. Joost Bros, Inc vs Jas B Barker, Chas and Ethel D Schmitz.....$16.67

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded Amount

Mar. 6, 1923—E FOLSOM 150 N Jarboe N 40-11 NE 56-10⅛ m or l S 66-4¾ W 48-6. M Stulsaft Co to Julia Bianchi .....

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

Mar. 7, 1923—NW GEARY AND DIvisadero No. 1501 Divisadero. A T Leonard as to improvementa on property .....

Mar. 8, 1923—COMG. 204 E Quint and 87 S Galvez Ave E 40xS 20. Southern Pacific Co as to improvements on property .....

Mar. 8, 1923—NO. 952 GRANT AVE and 57 and 59 Wentworth. Rebecca Susmann et al as to improvements on property .....

FEBRUARY BUILDING SUMMARY

Building operations in San Francisco for the month of February, 1923, totaled $3,278,676, according to John P. Horgan, Chief Inspector of Buildings of the Department of Public Works. During the month 782 permits were issued.

Following is a seggregated list if operations for February, as compiled from records of the city building bureau:

Class	Number	Cost
"B"	2	$ 286,000
"C"	30	803,200
Alterations	458	458,081
Frames	291	1,683,360
Harbor	1	49,305
Total	782	$3,278,676

BUILDING CONTRACTS

ALAMEDA COUNTY

$1,000 and Over Reported

The following is an index for the

No.	Owner	Contractor	Amt.
957	Taylor	Owner	8000
958	Gillespie	Owner	6000
959	Rapue	Anderson	4500
960	Leaure	Owner	5200
961	Chamberlain	Owner	8100
962	Malby	Owner	5500
963	Dettman	Henderson	8500
964	Myers	Owner	5500
965	Boyd	Boyd	5000
966	McSorley	Owner	5800
967	Roberts	Owner	6200
968	Iliff	Owner	6000

969	Stelle	Owner	8000
970	Franklin	Hopper	8000
971	Haste	Beach	8000
972	Peppin	Owner	10400
973	Young	Stanton	4500
974	Sprague	Dawe	4000
975	Jordan	Owner	3000
976	Albertson	Owner	5500
977	Steffen	Owner	2000
978	Hansen	Owner	3500
979	Roth	Owner	400
980	Hansen	Butzbach	215
981	Coleman	McClausland	400
982	Lass	Owner	400
983	Keefer	Woolley	590
984	Nathanson	Nelson	200
985	Puntas	Maganim	120
986	Pfrang	Owner	1200
987	Western	Christensen	1000
988	Anderson	Foss	1600
989	Dacus	Peterson	....
990	Dewey	Betrdsley	5000
991	Neigenfind	Owner	4000
992	Gow	Owner	3000
993	Van Ness	Owner	2500
994	Jones	Jones	4000
995	Stevens	Calif	30000
996	Leonard	Lassen	8000
997	Wittick	Asumaa	2250
998	Schwind	Owner	5000
999	Wright	Frazier	3000
1000	Smith	Smith	4000
1001	Gruswitz	Texdahl	9500
1002	Hazlett	Henderson	24000
1003	Herdie	Nordstrom	1000
1004	Woodside	Owens	3500
1005	Smith	Auseon	1000
1006	Munro	Traylor	2450
1007	Lundberg	Orton	4000
1008	Herald	Owner	3000
1009	Clark	Alder	4000
1010	Symmers	Damgaard	3000
1011	Kessler	Walworth	3000
1012	Hufschmidt	Owner	7000
1013	Vaughn	Vaughn	1000
1014	Jensen	Owner	10000
1015	Falk	Owner	3800
1016	Fallman	McCoy	4000
1017	Henshaw	Bender	2500
1018	Joseph	Owner	5000
1019	Feisinberg	Owner	4500
1020	Greeman	Jensen	3800
1021	Church	Sanders	3500
1022	Idora	Owner	5000
1023	Easter	Owner	7000
1024	Ibanez	Owner	2500
1025	Barlow	Owner	4750
1026	Attebery	Owner	2950
1027	Yoemans	Owner	5800
1028	Brett	Owner	3000
1029	Echus	Canfield	1000
1030	Melquiodnd	Cofer	5800
1031	Brush	Campbell	5820
1032	Daay	Muller	7590
1033	Street	Short	8000
1034	Spring	Pearson	4000
1035	Hardman	Owner	4500
1036	Lindquist	Pearson	3000
1037	Kauber	Berkeley	2000
1038	Whitehouse	Owner	4000
1039	Baker	Owner	12000
1040	Heagerty	Hamilton	15000
1041	Van Lahensels	Bartlett	8000
1042	Jony	Owner	2800
1043	Fisher	Owner	5000
1044	Webb	Owner	3000
1045	Parks	Owner	2500
1046	Haler	Owner	15000
1047	National	Owner	85000
1048	National	Owner	10000
1049	Harrison	Peters	2500
1050	Labariles	Gaubert	12000
1051	Bangs	Owner	4000
1052	Cunningham	Owner	4500
1053	Schultze	Jensen	4200
1054	Gray	McGehee	1000
1055	Benson	Jonse	6000
1056	Valfreda	Murphy	15000
1057	Werner	Owner	6000
1058	Edwards	Bertelsen	14028
1059	Kessler	Vaughn	8200
1060	S. P.	Ariato	1109
1061	Wing	Gastman	80000
1062	Spalding	Abrahamson	3400
1063	Felt	Owner	2400
1064	Priest	Ahnfeld	6500
1065	Snyder	White	2600
1066	Gastman	Owner	6000
1067	Roberts	Macdonald	3830
1068	Roberts	Macdonald	3780
1069	Stauffer	Owner	3400
1070	Graves	Oakland	3600
1071	Owen	Owner	2600
1072	Beyer	Owner	4000
1073	Cavelar	Smith	2800
1074	McGaroie	Horton	1050
1075	Houle	Owner	4000
1076	Riley	Petersen	4000
1077	Leonard	Lassen	8000
1078	O'Connell	Lehman	3800
1079	Wiggins	Larmer	3850
1080	Walstrom	Owner	3000
1081	Clark	Owner	4000
1082	Noyes	Long	19214
1083	Mann	Haskell	5175
1084	George	Griffin	2860
1085	Graves	Jones	2750
1086	McNab	Hiller	4500
1087	Cherry	Kreiger	6500
1088	De Farr	Owner	3000
1089	Vincent	Owner	14000
1090	Prunetti	Owner	2000
1091	York	Owner	3250
1092	Wheeler	Constable	3800
1093	Chambers	Owner	6000
1094	Mattzell	Reed	4000
1095	Johnson	Owner	2000
1096	Scozzofava	Owner	1250
1097	Stobbe	Hansen	4000
1098	Frick	La Breacht	1500
1099	Nicoll	Petters	7000
1100	Chambers	Owner	2250
1101	Liermann	Boeddeker	3500
1102	Paulson	Owner	1500
1103	Church	Wilson	1200
1104	Clarke	Owner	6000
1105	Davis	Schnebly	3000
1106	Hoedel	Wleben	10700
1107	Tribune	Scott	31500
1108	Tribune	Ne Page	28979
1109	Tribune	Baccus	21370
1110	Fyles	Roberts	8550
1111	Oakland	Forderer	6335

DWELLING
(967) NO. 421 MOUNTAIN AVE., Piedmont. Two-story 7-room dwelling and garage.
Owner — G. Taylor, 1421 Market St., Oakland.
Architect—None. $8000

DWELLING
(958) NO. 554 BOULEVARD AVE., Piedmont. One-story 6-room dwlg. and garage.
Owner—S. M. Gillespie.
Architect—None. $6000

DWELLING
(959) NO. 138 GREENBANK, Piedmont. One-story 4-room dwelling and garage.
Owner—Mrs. M. M. Rapue.
Architect—None.
Contractor—A. Anderson, 2027 Florida St., Oakland. $4500

DWELLING
(960) NO. 139 ARBOR DRIVE, Piedmont. One-story 5-room dwelling and garage.
Owner—E. T. Lessure, 14 Bridge Road. Berkeley.
Architect—None. $5200

DWELLING
(961) NO. 900 MORAGA AVE., Piedmont. One-story 6-room dwelling
Owner—Mrs. E. Chamberlain.
Architect—None. $3100

DWELLING
(962) NO. 235 PALM DRIVE, Piedmont. One-story 6-room dwelling and garage.
Owner—G. T. Malby.
Architect—None. $5500

DWELLING
(963) NO. 58 LAKEVIEW AVE., Piedmont. Two-story 6-room dwelling and garage.
Owner—F. L. Dettman, 3146 College Ave., Berkeley.
Architect—None.
Contractor—E. F. Henderson, 5744 Keith Ave., Oakland. $8500

DWELLING
(964) NO. 100 RAMONA AVE., Peidmonth. One-story 5-room dwelling and garage.
Owner—R. M. Myers, 26 Estrella Ave., Peidmont.
Architect—None. $5500

DWELLING
(965) NO. 81 FAIRVIEW AVE., Piedmonth. One-story 6-room dwelling and garage.
Owner—Mrs. Maud Boyd.
Architect—None.
Contractor—Robt. Boyd, 5710 Genoa St., Oakland. $5000

DWELLING
(966) NO. 22 SAN CARLOS AVE., Piedmont. 2-story 8-room dwelling and garage.
Owner—W. F. McSorley.
Architect—None. $5800

DWELLING
(967) NO. 12 RAMONA AVE., Piedmont. One-story 6-room dwelling and garage.
Owner—Mrs. Roberts.
Architect—None, $6200

DWELLING
(968) NO. 201 PALM DRIVE. Piedmont. Two-story 7-room dwelling and garage.
Owner — J. C. Iliff, 2024 Essex Blvd., Oakland.
Architect—None. $6000

DWELLING
(969) NO. 23 MONTE AVE., Piedmont One-story 6-room dwelling and garage.
Owner—Mrs. E. E. Steele, 67 Lincoln Ave., Piedmont.
Architect—None. $8000

DWELLING
(970) NO. 130 YORK DRIVE., Piedmonth. Two-story 6-room dwelling and garage.
Owner—Wm. Franklin, 120 Manor Dr., Piedmont.
Architect—None.
Contractor—M. E. Hopper & Son, 1117 Webster St., Oakland. $8000

DWELLING
(971) NO. 246 SHERIDAN AVE., Piedmonth. Two-story 6-room dwelling and garage.
Owner—Miss Julie I. Haste, 215 Highland Ave., Piedmont.
Architect—None.
Contractor—Beach & Noble, 3060 Kansas St., Oakland. $8000

DWELLINGS
(972) NO 217 AND 230 PALM DRIVE. Piedmont. Two one-story 6-room dwellings and garages.
Owner—J. B. Peppin, 1423 Franklin St., Oakland.
Architect—None. $5200 each

DWELLING
(973) NO. 2015 MARIN ST., Berkeley. One-story 6-room dwelling.
Owner—Miss Minnie H. Young.
Architect—None.
Contractor—W. B. and H. A. Stanton, 2412 Channing Way, Berkeley. $4300

DWELLING
(974) NO. 920 HILLDALE, Berkeley. Two-story 6-room dwelling.
Owner—Mrs. T. T. Sprague, 2400 Dwight Way, Berkeley.
Architect—None.
Contractor—Chas. Dawe, 2030 Virginia St., Berkeley. $4000

DWELLING
(975) NO. 1691 WARD ST., Berkeley. One-story 5-room dwelling.
Owner—M. Jordan, 5844 Broadway, Oakland.
Architect—None. $3000

DWELLING
(976) SW COR. SHAFTER AVE. & Pryal, Oakland. 1-story 8-rom 2 family dwelling
Owner — Frederick Albertson, 5809 Shafter Ave., Oakland.
Architect—None. $560

DWELLING
(977) 3729 REDDING ST., Oakland. 1 story 4-room dwelling.
Owner—G. W. Steffen, 1941 Crosby St. Oakland.
Architect—None. $200

DWELLING
(978) 2268 HIGH ST. 1-story 6-roor dwelling.
Owner—Fred Hansen, 2262 High St. Oakland.
Architect—None. $350

DWELLING
(979) 4323 LEACH AVE., Oakland. 1 story 5-room dwelling.
Owner—L. W. Roth, 4329 Leach Ave. Oakland.
Architect—None. $400

DWELLING
(980) 2425 SIXTY-THIRD AVE., Oakland. 1-story 4-room dwelling.
Owner—J. Hansen, 585 Williams St. Oakland.
Architect—None.
Contractor—G. H. Butzbach & Son, 164 64th Ave., Oakland. $216

DWELLING
(981) 2696 67th Ave., Oakland. 1-stor 5-room dwelling.
Owner—R. W. Coleman.
Architect—None.
Contractor — F. A. McCausland, Richmond R. D 310. $450

DWELLING
(982) 5308 Cole St., Oakland. 1-stor 5-room dwelling.
Owner—B. M. Lass, 5500 Cole St., Oak land.
Architect—None. $400

DWELLING
(983) N SUNNYHILL RD. 240 E Gros venor Rd., Oakland. 1-story 6-room dwelling.
Owner—K. H. Keefer, Newton Ave. Oakland.
Architect—None.
Contractor—B. F. Woolley, 707 Adam St., Oakland. $590

ADDITION
(984) W FOURTH AVE. 100 N E-15t St., Oakland. Addition.
Owner—L. Nathansen, 1436 4th Ave. Oakland.
Architect—None.
Contractor—Oscar Nelson, 317 E-15t St., Oakland. $200

ALTERATION
(985) 429 FIFTEENTH ST., Oakland Alteration.
Owner—Puntas Cafe, premises.
Architect—None.
Contractor—J. F. Maganini, 603 36th S Oakland. $120

DWELLINGS
(986) 5372-80 THOMAS ST., Oakland 2 2-story 5-room dwellinga.
Owner—C. J. Pfrang, 480 Forest Ave. Oakland.
Architect—None. $6000 ea

FACTORY
(987) N RAILROAD AVE. 1400 W 98th Ave., Oakland. 1-story frame fac tory.
Owner — Western Steel Package Co. Alameda.
Architect—None.
Contractor—H. J. Christensen, 505 17t St., Oakland. $10,00

APARTMENTS
(988) NE COR. THIRD AND E-FIF teenth St., Oakland. 2-story fram apartments.
Owner—Olaf Anderson, 1890 7th St., Oakland.
Architect—None.
Contractor—C. C. Foss, 1242 1st Ave. Oakland. $15,00

GARAGE
(989) NW COR. DIMOND AVE AN Hopkins St., 60x95, Oakland. 1-stor rein. conc. and hollow tile garage
Owner—Hugh Dacus and C. A. Amyar 2126 Hopkins St., Oakland.
Architect—George O'Brien, Bacon Bldg Oakland.
Contractor—Alfred Peterson, 3918 Lin wood Ave., Oakland.
Filed March 2, 1923. Dated Feb. 2, 1923 Each week all bills.
TOTAL COST, Cost plus $50
Bond. none; Sureties, none; Forfeit none, Limit, 60 days; Plans and speci fications filed.

DWELLING
(990) SW BROADWAY TERRACE & Carleton, Oakland. Two-story 8-room dwelling.
Owner—Alice P. Dewey, 6135 Hillegass, Oakland.
Architect—None.
Contractor—Horace Beardsley, 3756 39th Ave., Oakland. $5000

DWELLING
(991) S BOND 80 E 51st Ave., Oakland. One-story 5-room dwelling.
Owned—W. C. Neigenfind, 4303 E-14th St., Oakland.
Architect—None. $4000

DWELLING
(992) NO. 476 CLIFTON AVE., Oak land One-story 5-room dwelling.
Owner—Andrew B. Gow, 5668 Ayala St., Oakland.
Architect—None. $3000

DWELLING
(993) NO. 3557 WILSON AVE., Oak land. One-story 5-room dwelling.
Owner—L. E. Van Ness, 2536 Hopkins St., Oakland.
Architect—None. $2500

DWELLING
(994) NO. 3030 SEMINARY AVE., Oakland. One-story 6-room dwlg.
Owner—Sarah M. Jones, Premises.
Architect—None.
Contractor—C. F. Jones, Premises. $4000

APARTMENTS
(995) W WALSWORTH AVE 40 and 90 N Fairmount Ave., Oakland. Two two-story 12-room apartments.
Owner—B. H. Stevens, 1534 Franklin St., Oakland.
Architect—None.
Contractor — California Builders Co., 1534 Franklin St., Oakland. $15,000 each

DWELLING
(996) SE NAPA AND THOMAS E 100 xS 50, Oakland. All work for one-story 7-room dwelling.
Owner—Irving S. and Fannie W. Leonard, 5455 Locksley St., Okd.
Architect—None.
Contractor—Carl C. Lassen, 5316 College Ave., Oakland.
Filed Mar. 2, '23. Dated Mar. 2, '23.
As work progresaea.....$7600
Usual 35 days..... 500
TOTAL COST, not over $8000
Bond, none. Limit, 90 days from March 5. Forfeit, none. Plans and specifications filed.

PAINT SHOP
(997) 1796 CENTER ST., Berkeley. 1-story classel paint shop.
Owner—J. H. Wittick, 2121 Grant St., Berkeley.
Architect—None
Contractor — Leonard Asumaa, 6518 Whitney St., Berkeley. $2250

DWELLINOS
(998) 3311 & 3317 KING ST., Berkeley. Two 1-story 5-room dwellinga.
Owner—M. Schwind, 1636 63rd St., Berk
Architect—None. $2500 each

DWELLING
(999) 1659 ASHBY, Berkeley. 1-story 5-room dwelling.
Owner—Geo. B. Wright, 1645 Ashby Ave., Berkeley.
Architect—None.
Contractor—Jas. V. Frazier, 2324 Peralta Ave., Oakland. $3000

DWE7LLING
(1000) 1618 BERKELEY WAY, Berkeley. 1-story 5-room dwelling.
Owner—M. C. Smith.
Architect—None.
Contractor—C. F. Smith. $4000

FLATS
(1001) 2310, 2310-A, 2312, 2312-A PARker St., Berkeley. 2-story 16-room flats.
Owner—Mrs. E. Gruswitz, 2308 Parker St., Berkeley.
Architect—None.
Contractor—C. Texdahl, 5375 Belgrave Place, Berkeley. $9500

APARTMENTS
(1002) 2737 FOREST, Berkeley. 3-sto. 27-room apartments.
Owner—Margaret J. Hazlett, 2029 San Antonio, Berkeley.
Architect—None.
Contractor — E. F. Henderson, 5744 Keith Ave., Oakland. $24,000

ADDITION
(1003) 2909 GROVE St., Oakland. Addition.
Owner—A. M. Herdle, 2910 Ellis St., San Francisco.
Architect—None.
Contractor — David Nordstrom, 4146 Emerald St., Oakland. $1000

DWELLING
(1004) 1404 HARMON, Berkeley. 1-sto. 5-room dwelling.
Owner—R. B. Woodside, S. F.
Architect—None.
Contractor — P. Owens, 1105 Santa Santa Clara Ave., Alameda. $3500

SERVICE STATION
(1005) NE COR. SIXTEENTH & MARket Sts., Oakland. 1-story metal service station.
Owner—E. Smith, 672 Mission St., S. F.
Architect—None.
Contractor—A. L. Auseon, 122 Bay Pl., Oakland. $1000

ALT. & REPAIRS
(1006) 780 SIXTEENTH ST., Oakland. Alterations and repairs.
Owner—Helen C. Munro, premises.
Architect—None.
Contractor—R. C. Taylor, 2522 Magnolia St., Oakland. $2450

DWELLING
(1007) 5453 RUTH AVE., Oakland. 1-story 5-room dwelling.
Owner—C. M. Lundberg.
Architect—None.
Contractor—A. E. Orton, 6800 Trenor St., Oakland. $4000

DWELLING
(1008) N DIANA AVE. 500 E 73rd Ave Oakland. 1-story 5-room dwelling.
Owner—Lena Ransdall, Herald Hotel San Francisco.
Architect—None. $3000

DWELLING
(1009) S FORIDA ST. 230 W Maple Ave., Oakland. 1-story 5-room dwlg.
Owner—A. E. Clark, 2510 E-21st St., Oakland.
Architect—None.
Contractor—Alder & Clark, 2510 E-21st St., Oakland. $4000

ALT. & ADDITION
(1010) 698 SIXTY-FIRST ST., Oakland. Alt. & Addition.
Owner—J. H. Symmera, premises.
Architect—None.
Contractor—S. Damgaard, 1352 89th Av. Oakland. $3000

ALTERATION
(1011) 1114-18 WASHINGTON, Oakland. Alteration.
Owner—Kessler Bros., 819 Washington, Oakland.
Architect—None.
Contractor—A. J. Walworth, 947 Jefferson St., Oakland. $3000

DWELLINGS
(1012) 2738 TWENTY-FIRST AVE., 2115 E-TWENTY-EIGHTH AVE., Oakland. 2 1-story 5-room dwlgs.
Owner — Walter Hufschmidt, Federal Bldg., Oakland.
Architect—None. $3500 each

ALT. & ADDITION
(1013) 5201 CALAVERAS Ave., Oakland. Alt. & Addition.
Owner—Marie Vaughan, premises.
Architect—None.
Contractor—F. E. Vaughn, 5201 Calaveras Ave., Oakland. $1000

FACTORY
(1014) S SIXTY-SEVENTH ST. 425 W San Pablo, Oakland. 1-story tile factory.
Owner—Jensen & Nelsen, 822 Market St Oakland.
Architect—None. $10,000

DWELLING
(1015) 2512 SIXTIETH AVE., Oakland 1-story 5-room dwelling.
Owner—Chas. N. Falk, 1520 E-38th St. Oakland.
Architect—None. $3000

DWELLING
(1016) 4351 MONTGOMERY, Oakland. 1-story 6-room dwelling.
Owner—Harry Fallman, 3774 Broadway, Oakland.
Architect—None.
Contractor—McCoy & Pach, 4314 View St., Oakland. $4000

ROOF REPAIR
(1017) SE COR FOURTEENTH AND Broadway, Oakland. Roof repairs.
Owner— G. Henshaw.
Architect—None.
Contractor—J. W. Bender Roofing Co., 351 12th St., Oakland. $2500

DWELLING
(1018) S WELLINGTON AVE. 200 W Park Blvd., Oakland. 1-story 6-rm. dwelling.
Owner—Paul E. Joseph, 863 Cleveland, Oakland.
Architect—None. $5000

DWELLING
(1019) 727 ARIMO AVE., Oakland. 1-story 7-room dwelling.
Owner—M. Felsinberg, 1215 44th Ave., Oakland.
Architect—None. $4500

DWELLING
(1020) 4110 CARRINGTON ST., Oakland 1-story 6-room dwelling.
Owner—Emilie Greeman, 1044 44th Ave. Oakland.

Architect—None.
Contractor—John P. Jensen, 1031 45th Ave., Oakland. $3800

DWELLING
(1021) SW COR FORTIETH AVE AND Mera St., Oakland. 1-story 6-room dwelling.
Owner—Church of God, 2925 Shattuck Ave., Oakland.
Architect—None.
Contractor—T. P. Sanders, 2925 Shattuck Ave., Oakland. $3500

AMPHITHEATRE
(1022) IDORA PARK, Oakland. 1-sto. ampitheathre.
Owner—Idora Park Co., premises.
Architect—None. $5000

DWELLING
(1023) SW COR STANFORD & SAN Pablo, Oakland. 1-story 8-room 2-family dwelling.
Owner—H. H. Easter, 5165 Los Angeles St., Oakland.
Architect—None. $7000

DWELLING
(1024) 1433 ONE HUNDRED THIRD Ave., Oakland. 1-story 4-rm. dwlg.
Owner—R. Ibanez, 1449 103rd Ave., Okd
Architect—None. $2500

DWELLING
(1025) S WELLINGTON 1000 E Park Blvd., Oakland. 1-story 6-rm. dwlg.
Owner—Mrs. M. C. Barlow, 611 28th St. Oakland.
Architect—None. $4750

DWELLING
(1026) 4047 MERA ST. Oakland. 1-story 5-room dwelling.
Owner—A. R. Attebery, 2039 42nd Ave Oakland.
Architect—None. $3950

DWELLING
(1027) S HUBERT RD 150 E Grosvernor Place., Oakland. 2-story 6-room dwelling.
Owner—S. C. Yeomans, 801 Lakeshore Ave., Oakland.
Architect—None. $5800

DWELLING
(1028) N DELMER ST 178 W Laguna Ave., Oakland. 1-story 5-room dwlg
Owner—John A. Brett, 732 E-20th St., Oakland.
Architect—None. $3000

ALTERATION
(1029) 5332 COLLEGE AVE., Oakland. Alteration.
Owner—P. Echus, premises.
Architect—None.
Contractor—C. V. Canfield, 2543 Grove St., Oakland. $1000

BUILDING
(1030) S NINTH ST. 45 E Jackson St. Oakland. 16-room frame building.
Owner—Cyr Harry Melquiond, Oakland
Architect—None.
Contractor—John E. Cofer, 2021 Franklin St., Oakland.
Filed Mar. 5, 1923. Dated Mar. 2, 1923 Made in accordance with regulations of The Oakland Bank Building Loans
TOTAL COST, $5800

Bonds, none; Sureties, none; Forfeit, $500 day; Bonus, $5.00 day; Limit, 90 days from March 6; Plans and specifications, none.

DWELLING
(1031) LOT 10 BLK 12 MAP NORTHbrae, Berkeley. 1-story frame dwlg
Owner—Lena G. Brush, 1606 Oxford St. Berkeley.
Architect—None.
Contractor — Douglas Campbell, 2421 Oregon St., Berkeley.
Filed Mar. 5, 1923. Dated Mar. 3, 1923.
Ready for roof 1/5
Ready for plaster 1/5
Plastered 1/5
Completed and accepted 1/5
Usual 35 days 1/5
TOTAL COST, $5920

Bonds, none; Sureties, none; Forfeit, none; Limit, 100 days; Plans and specifications filed.

STORE BLDG.
(1032) PTN. LOT 14 BLK V REVISED Map Oakland Heights, Oakland. All work for reinforced concrete store building.
Owner—Lester R. Dray, 545 53rd St. Oakland.
Architect — Schirmer Bugbee & Co., Thayer Bldg., Oakland.
Contractor — Muller & La Voie, 3129 Folsom St., San Francisco.
Filed Mar. 5, 1923. Dated Mar. 3, 1923.
Concrete poured ..... ¼
Brown coated ..... ¼
Completed and accepted ..... ¼
Usual 35 days ..... ¼
TOTAL COST, $7590

Bond, $4000; Sureltes, E. McColgan & Harry Schwalm; Forfeit, none; Limit, 90 days; Plans and specifications filed.

DWELLING
(1033) LOT 6 BLK N MAP EAST Piedmont Heights, being No. 770 Calmar Ave., Oakland. All work for two-story seven-room dwelling.
Owner—E. C. Street, 659 Valle Vista Oakland.
Architect—None.
Contractor—C. W. Short, 574 Rosal Av. Oakland.
Filed Mar. 5, 1923. Dated Mar. 3, 1923.
Frame up $2000
Brown coated 2000
Completed and accepted 2000
TOTAL COST, not over $8000

Bond, none; Sureties, none; Forfeit $25 day; Limit, 90 days from Feb. 1; Plans and specifications filed.
NOTE:—Permit reported Feb. 10, 1923 No. 602

STORES
(1034) NO. 886-888 COLUSA ST., Berkeley. One-story 2-room stores.
Owner—Spring Estate, Berkeley.
Architect—None.
Contractor—Ben Pearson, 2403 Grant St., Berkeley. $4000

DWELLING
(1035) NO. 1745 MARIN ST., Berkeley. One-story 6-room dwelling.
Owner—J. R. Hardman & Son, 914 Inyo St., Berkeley.
Architect—None. $4500

DWELLING
(1036) NO. 2332 McKINLEY ST., Berkeley. One-story 6-room dwelling.
Owner—John Lindquist.
Architect—None.
Contractor—Ben Pearson, 2403 Grant St., Berkeley. $3000

STORES
(1037) NO. 1783-85-87 SHATTUCK Ave., Berkeley. One-story 3-room stores.
Owner—F. C. and A. A. Kauber, Ashby and College Aves., Berkeley.
Architect—None.
Contractor—Berkeley Building Co., Solano & Colusa, Berkeley. $2000

DWELLING
(1038) NO. 124 MORAGA AVE., Piedmont. One-story 5-room dwelling and garage.
Owner—J. F. Whitehouse.
Architect—None. $4000

DWELLINGS
(1039) NO. 101 AND 111 NOVA DRIVE Piedmont. Twe one-story 7-room dwellings and garages.
Owner—W. J. Baker, 2255 Ransome St., Oakland.
Architect—None. $6000 each

STORES & APTS.
(1040) N E-FOURTEENTH ST., 100 E 41st Ave., Oakland. 2-story 14-room stores and apartments.
Owner—D. M. Heagerty, 4100 E-14th St. Oakland.
Architect—None.
Contractor—A. L. Hamilton 5365 Wentworth Ave., Oakland. $15,000

MILL BLDG.
(1041) W UNION ST. 347 N 18th St., Oakland. 1-story mill bldg.
Owner—P. J. Van Lahensels, 225 Washington, Oakland.
Architect—None.
Contractor—J. M. Bartlett, 357 12th St., Oakland. $8000

DWELLING
(1042) N WILBUR ST. 373 E Lincoln Ave., Oakland. 1-story 5-room dwlg
Owner—L. D. Jony, 2815 Eastman Ave., Oakland.
Architect—None. $2800

DWELLING
(1043) 715 BROOKWOOD RD., Oakland. 1-story 6-room dwelling.
Owner—H. P. Fisher, Syndicate Bldg., Oakland.
Architect—None. $5000

DWELLING
(1044) 9301 PLYMOUTH ST., Oakland. 1-story 6-room dwelling.
Owner—S. A. Webb, premises.
Architect—None. $3000

DWELLING
(1045) S HOLWAY 174 E Seminary, Oakland. 1-story 5-room dwelling.
Owner—D. M. Parks, 476 Crescent St., Oakland.
Architect—None. $2500

DWELLINGS
(1046) 357-59-61-63-65 LESTER AVE., Oakland. 5 1-story 4-room dwlgs.
Owner—H. W. Haler, Syndicate Bldg., Oakland.
Architect—None. $3000 each

BUILDING
(1047) E FORTY-SEVENTH AVE. S E-10th St., Oakland. 2-story steel corroding building.
Owner—National Lead Co., premises.
Architect—None. $85,000

PLANT
(1048) E FORTY-SEVENTH AVENUE S E-10th St., Oakland. 1-story tile oxid plant.
Owner—National Lead Co., premises.
Architect—None. $10,000

DWELLING
(1049) 4231 HOPKINS ST., Oakland. 1-story 4-room dwelling.
Owner—E. H. Harrison, 3864 E-14th St. Oakland.
Architect—None.
Contractor—L. A. Peters, 3485 Davis St., Oakland. $2500

DWELLING & LAUNDRY
(1050) NE COR. THIRTY-NINTH AND Grove St., Oakland. 1-story 7-room dwelling and 1-story concrete laundry building.
Owner—P. Labarthes, 38th & West Sts., Oakland.
Architect—None.
Contractor—Noel Gaubert, 1910 40th Av Oakland. $5000 dwlg., $7000 laundry

DWELLING
(1051) S E-SIXTEENTH ST. 100 E 21 Ave., Oakland. 1-story 8-room 2-family dwelling.
Owner—J. H. Bangs, 2323 E-16th St., Oakland.
Architect—None. $4000

DWELLING
(1052) 1006 GALVIN, Oakland. 1-story 7-room dwelling.
Owner—R. B. Cunningham, 3810 Canon St., Oakland.
Architect—None. $4500

DWELLING
(1053) N BROOKLYN AVE., 315 E-Wesley Ave., Oakland. 1-story 5-rm dwelling.
Owner — J. Schultze, 4246 Broadway, Oakland.
Architect—None.
Contractor—Jensen & Pedersen, 3417 Adeline St., Oakland. $4200

DWELLING
(1054) 3816 CANYON AVE., Oakland. 1-story 3-room dwelling.
Owner—R. O. Gray, 237 Bacon Bldg., Oakland.
Architect—None.
Contractor—J. H. McGehee, 3711 Allendale Ave., Oakland. $1000

DWELLING
(1055) 4327 PARK BLVD., Oakland. 1-story 5-room dwelling.
Owner—H. Benson, 1319 Franklin St., Oakland.
Architect—None
Contractor—A. M. Jones, 1042 14th St., Oakland. $5000

MARKET & APTS.
(1056) SW COR. FIFTY-FOURTH & Grove Sts. Oakland. 2-story brick market and apartments.
Owner—Valfreda Bros., 54th and Grove Sts., Oakland.
Architect—None.
Contractor—Murphy F. Hamilton, 825 Santa Fe Bldg., Berkeley. $15,000

DWELLINGS
(1057) W ONE HUNDRED FOURTH Ave 325 N Royal Ann;
SE COR. ONE HUNDRED SIXTH Ave and Pontiac St., Oakland. 2 1-story 5-room dwellings.

Owner—C. A. Werner, 2416 10th St., Berkeley.
Architect—None. $3000ea.

DWELLING
(1058) LOT 1 & PTN LOT 205 Crocker Highlands Piedmont. 2-story frame dwelling and garage.
Owner—A. F. Edwards, 1227 42nd Ave. Oakland.
Architect—C. W. McCall and Williams & Wastell, Central Bk. Bldg., Oakland.
Contractor—S. J. Bertelsen, 30 Estrella Piedmont.
Filed Mar. 6, 1923. Dated Mar. 3, 1923.
Each month 75%
Usual 35 days 25%
TOTAL COST. $14,028
Bond, none; Sureties, none; Forfeit, none; Limit, 120 days; Plans and specifications filed.

DWELLING
(1059) LOT 1 BLK. 20 LAKESHORE Highlands, Oakland. 2-story and basement frame dwelling.
Owner—Nat. Kessler.
Architect—Morrow & Garren, Chronicle Bldg., San Francisco.
Contractor — Wiley T. Vaughn, 4190 4198 Opal St., Oakland.
Filed Mar. 6, 1923. Dated Feb. 28, 1923.
Sheathed 20%
White coated 20%
Completed and accepted 35%
Usual 35 days 25%
TOTAL COST. $8200
Bonds, none; Sureties, none; Forfeit, none; Limit, 120 days; Plans and specifications filed.

STATION
(1060) BERKELEY Painting Shattuck Ave. Station and watchman's house.
Owner—S. P. Co.
Architect—None.
Contractor—C. J. Frisk (Aristo Painting Co.), 39 Tehama St., S. F.
Filed Mar. 6, 1923. Dated Feb. 19, 1923.
Each month 75%
Usual 35 days 25%
TOTAL COST $1109
Bond, $832; Sureties, Hartford Accident & Indemnity Co.; Forfeit, none; Limit, 60 days; Plans, none; Specifications filed.

DWELLING
(1061) NO. 1028 KEELER, Berkeley. Two-story 8-room dwelling.
Owner—Clark Wing.
Architect—None.
Contractor—H. H. Gastman, 1263 Euclid Ave., Berkeley. $8000

DWELLING
(1062) NO. 1721 LINCOLN ST., Berkeley. One-story 5-room dwelling.
Owner — Wm. Spalding, 1715 Lincoln St., Berkeley.
Architect—None.
Contractor—H. R. Abrahamson, 41 Yosemite Ave., Oakland. $3400

DWELLING
(1063) NO. 2330 JEFFERSON ST., Berkeley. One-story 5-room dwlg.
Owner—R. D. Felt, 2432 McGee St., Berkeley.
Architect—None. $2400

DWELLING
(1064) NO. 818 OXFORD ST., Berkeley One-story 6-room dwelling.
Owner—A. Priest.
Architect—None
Contractor — Harry Ahnefeld, 2123 Parker St., Berkeley. $6500

DWELLING
(1065) NO. 712 NEILSON, Berkeley. One-story 5-room dwelling.
Owner—W. F. Snyder, 1515 Josephine St., Berkeley.
Architect—None.
Contractor—J. A. White, Lincoln and Edith Sts., Berkeley. $2600

DWELLING
(1066) NO. 2302 EUNICE ST., Berkeley. Two-story 7-room dwelling.
Owner—H. H. Gastman, 1263 Euclid Ave., Berkeley.
Architect—None. $6000

DWELLING
(1067) N LOGAN ST 110 E 26th Ave., Oakland. 1-story 5-room dwelling.
Owner—Effie & Winifred Roberts, 3216 Fruitvale Ave., Oakland.
Architect—None
Contractor—H. W. Macdonald, 3948 14th Ave., Oakland. $3830

DWELLING
(1068) 2460 TWENTY-SIXTH AVE., Oakland. 1-story 5-room dwelling.
Owner—Effie and Winifred Roberts, 3216 Fruitvale Ave., Oakland.
Architect—None.
Contractor—H. W. Macdonald, 3948 14th Ave., Oakland. $3780

DWELLING
(1069) NW COR. ELBERT & EVERett Ave., Oakland. 1-story 5-room dwelling.
Owner—A. L. Stauffer, 2248 High St., Oakland.
Architect—None. $3400

DWELLING
(1070) NE COR. THIRTY-EIGHTH and Mera St., Oakland. 1-story 5-room dwelling.
Owner—Mrs. H. D. Graves, 4025 Mera St., Oakland.
Architect—None. $3500

DWELLING
(1071) 2118 SIXTY-SECOND AVE., Oakland. 1-story 4-room dwelling.
Owner—R. L. Owen, 523 61st St., Okd.
Architect—None. $2600

DWELLING
(1072) 3012 SEMINARY AVE. Oakland 1-story 6-room dwelling.
Owner—J. A. Beyer, premises.
Architect—None. $4000

DWELLING
(1073) SW COR. FAIRFAX AVE AND Princeton St., Oakland. 1-story 5-room dwelling.
Owner—J. C. Avelar, 913 Kennedy St., Oakland.
Architect—None.
Contractor—R. A. Smith, 1757 82nd Ave. Oakland. $2800

DWELLING
(1074) W HARRINGTON 700 N Foothill Blvd., Oakland. 1-story 2-room dwelling.
Owner—Lillian B. McGarole.
Architect—None.
Contractor—Jas. D. Horton, 581 9th St., Oakland. $1050

DWELLING
(1075) 5901 SCENIC WAY, Oakland. 1-story 6-room dwelling.
Owner—Henry Houle, 2736 Seminary Ave., Oakland.
Architect—None. $4000

DWELLING
(1076) 4010 AGUA VISTA AVE., Oakland. 1-story 5-room dwelling.
Owner—J. Riley.
Architect—None.
Contractor—J. B. Petersen, 2053 38th Ave., Oakland. $4000

DWELLING
(1077) 5386 THOMAS ST., Oakland. 1-story 7-room dwelling.
Owner—E. S. Leonard, Locksley Ave., Oakland.
Architect—None.
Contractor—Lassen & Shields, 5323 College Ave., Oakland. $8000

DWELLING
(1078) W RANDOLPH AVE. 300 S Hampel, Oakland. 1-story 5-room dwelling.
Owner—D. J. O'Connell, 1425 11th Ave., Oakland.
Architect—None.
Contractor—J. Lehman, 959 Apgar St., Oakland. $3800

STORES
(1079) S E-FOURTEENTH ST. 100 E 54th Ave., Oakland. 1-story 2-room stores.
Owner—C. Wiggins.
Architect—None.
Contractor—Edw. Larmer, 90 Fairview Ave., Piedmont. $3850

DWELLING
(1080) 3744 MIDVALE AVE., Oakland. 1-story 5-room dwelling.
Owner—Carl Walstrom, 3827 Midvale Ave., Oakland.
Architect—None. $3000

DWELLINGS
(1081) 2005 & 2009 HARRINGTON, Oakland. 2 1-story 4-room dwlgs.
Owner—O. R. Clark, premises.
Architect—None. $2500 each

APARTMENTS
(1082) LOTS 13 & 14 BLK 6 ANTIsell Villa Lots, Berkeley. 2-story 17-room apartments and garage.
Owner—Mary S. Noyes, Trustee.
Architect—None.
Contractor—Roy O. Long Co. 2114 Shattuck Ave., Berkeley.
Filed Mar. 7, 1923. Dated Dec. 14, 1922.
Frame up .....¼
Brown coated .....¼
Completed and accepted .....¼
Usual 35 days .....¼
TOTAL COST, $19,214
Bonds, none; Sureties, none; Forfeit, none; Limit, 120 days; Plans and specifications, none.

DWELLING
(1083) PTN. LOT 14 SHARON TERrace, Piedmont. 1-story dwelling & garage.
Owner—Mrs. Harriet Mann and Miss Mabel M. Grange, Piedmont.
Architect—None.
Contractor — Albert A. Haskell, 4331 Montgomery St., Oakland.
Filed Mar. 7, 1923. Dated Mar. 6, 1923.
Frame up $1275
Brown coated 1275
Ready for paint 1275
completed and accepted 640
Usual 35 days 710
TOTAL COST, $5175
Bonds, none; Sureties, none; Forfeit, none; Limit, 70 days; Plans and specifications filed.

DWELLING
(1084) MANUEL F. GEORGE LOT, Centerville. 1-story 4-room dwlg.
Owner—Manuel F. George, Centerville.
Architect—None.
Contractor—R. A. Griffin & L. Madeiros, Irvington.
Filed Mar. 7, 1923. Dated Mar. 3, 1923.
Frame up .....¼
Plastered .....¼
Completed and accepted.....¼
Usual 35 days .....¼
TOTAL COST, $2860
Bond, none; Sureties, none; Forfeit, none; Limit, 60 days from Nov. 1; Plans and specifications filed.

DWELLING
(1085) NO. 1108 SPRUCE, Berkeley. One-story 4-room dwelling.
Owner—T. Graves.
Architect—None.
Contractor—W. P. Jones, 2218 Los Angeles Ave., Berkeley. $2750

DWELLING
(1086) NO. 801 SPRUCE ST., Berkeley. One and one-half-story 9-room dwelling.
Owner—W. H. McNab, 235 John St., Oakland.
Architect—None.
Contractor—N. P. Hiller, 496 58th St., Oakland. $4500

DWELLING
(1087) NO. 1924 MONTEREY St., Berkeley. Two-story 7-room dwelling
Owner—F. H. Cherry, 1405 Josephine St., Berkeley.
Architect—None.
Contractor—C. J. Kreiger, 23 Keith Ave., Berkeley. $6600

DWELLING
(1088) NO. 545 VERMONT ST., Berkeley. One-story 6-room dwelling.
Owner—Adralth De Farr, 2610 Hillegass Ave., Berkeley.
Architect—None. $3000

APARTMENTS
(1089) E MERRITT AVE 40 S Cleveland Ave., Oakland. 2-story 12-rm. apartments.
Owner—J. J. Vincent, 509 Merritt Ave., Oakland.
Architect—None. $14,000

DWELLING
(1090) 1612 NINETY-FOURTH AVE., Oakland. 1-story 4-room dwelling.
Owner—E. Prunetto, 1604 94th Ave., Oakland.
Architect—None. $2000

DWELLING
(1091) 3807 ELSTON AVE., Oakland. 1-story 5-room dwelling.
Owner—Olive E. York, 1247 8th Ave., Oakland.
Architect—None. $3250

DWELLING
(1092) 4000 WOODRUFF AVE., Oakland. 1-story 5-room dwelling.
Owner—E. J. Wheeler, 3942 Woodruff Ave., Oakland.
Architect—None.
Contractor — W. C. Constable, 3206 School St., Oakland. $3800

DWELLING
(1093) 2133 & 2139 ELEVENTH AVE., Oakland. 2 1-story 5-room dwlga.
Owner—J. F. Chambers, Plaza Bldg., Oakland.
Architect—None. $3000 ea.

DWELLING
(1094) 2022 E-TWENTY-SEVENTH St., Oakland. 1-story 5-room dwlg.
Owner—Matt Mattzell, 2719 21at Ave., Oakland.
Architect—None.
Contractor—C. W. Reed, 2534 Pleasant St., Oakland. $4000

DWELLING
(1095) 3828 DALE PLACE, Oakland. 1-story 4-room dwelling.
Owner—Hans Johnson, 2870 Peralta Ave., Oakland.
Architect—None. $2000

DWELLING
(1096) W CYPRESS ST. 120 N 14th St. Oakland. 1-story 4-room dwelling.
Owner—D. Scozzofava, 1415 Cypress St., Oakland.
Architect—None. $1250

DWELLING
(1097) 820 PROSPECT AVE., Oakland. 1-story 6-room dwelling.
Owner—E. Stobbe, 2806 Adeline St., Oakland.
Architect—None.
Contractor—C. Hansen, 3210 35th Ave., Oakland. $4000

DWELLING
(1098) 3180 SIXTY-FIRST AVENUE, Oakland. 1-story 4-room dwelling.
Owner—T. E. Fick, 8611 E-14th St., Oakland.
Architect—None.
Contractor—J. La Breacht, 8611 E-14th St., Oakland. $1500

DWELLING
(1099) S CAVANAUGH RD. 100 E Mathews, Oakland. 2-story 7-room dwelling.
Owner—W. C. Nicoll, 3500 Park Blvd. Oakland.
Architect—None.
Contractor—T. A. Petters, 3500 Park Blvd., Oakland. $7000

DWELLING
(1100) N PIPPIN ST. 307 E Pear St., Oakland. 1-story 4-room dwelling.
Owner—J. F. Chambers, Plaza Bldg., Oakland.
Architect—None. $2250

DWELLING
(1101) NW COR HOWE & JOHN STS Oakland. 1-story 5-room dwelling.
Owner—Marguerite Liesmann, 188 John St., Oakland.
Architect—None.
Contractor—Jos. Boeddeker, 1814 34th Ave., Oakland. $3500

ADDITION
(1102) 3425 KINGSLAND AVE., Oakland. Addition.
Owner—P. H. Paulson, premises.
Architect—None. $1500

ALTERATION
(1103) 56 FAIRMONT AVE., Oakland. Alterations.
Owner—L. S. Church, Hotel Oakland, Oakland.
Architect—None.
Contractor—L. R. Wilson, 2216 Blake St., Berkeley. $1200

DWELLING
(1104) E AUSEON AVE. 77 & 122 S Olive St., Oakland. 1-story 5-room dwelling.
Owner—H B Clarke, 3233 E-14 St. Okd.
Architect—None. $3000ea.

ALTERATION
(1105) 358 HANOVER ST., Oakland. Alteration and addition.
Owner—Gideon Davis, premises.
Architect—None.
Contractor—Schnebly & Hostrawser, 6th & Jackson Sts., Okd. $3000

STORE BLDG.
W GRAND AVE 200 N Santa Clara Ave. Oakland, 1-story concrete store building.
Owner—J. R. Dray, Thayer Bldg., Oakland.
Architect—Schirmer Bugbee & Co.
Contractor—Mullen & La Voie, 265 9th St., Oakland. $7360
NOTE:—Recorded contract reported March 6, 1923, No. 1032.

DWELLING
(1106) LOT 24 BLK 13 LAKESHORE Highlands, Oakland. 2-story frame dwelling and garage.
Owner—Robert O. Hoedel, 2425 Woolsey, Berkeley.
Architect—None.
Contractor—Alex. C. Wieben 839 Rosemont Rd., Oakland.
Filed Mar. 8, 1923. Dated Mar. 3, 1923.
Frame up ..... ¼
Brown coated ..... ¼
Completed and accepted ..... ¼
Usual 35 days ..... ¼
TOTAL COST, $10,700
Bond, $5400; Sureties, Elizabeth Kennedy and Chris. A. Wieben; Forfeit none; Limit, 90 days; Plans and specifications filed.

BUILDING
(1107) S THIRTEENTH ST. 60 W Franklin St. W 40 S 100, Oakland. Plumbing and steam heating.
Owner—Tribune Building Co.
Architect—Edward T. Foulkes, Crocker Bldg., San Francisco.
Contractor—Scott Co., 381 11th St., Oakland.
Filed Mar. 8, 1923. Dated Feb. 10, 1923.
10th day each month 75%
Usual 35 days 25%
TOTAL COST, $31,500
Bond, $15,750; Sureties, National Surety Co.; Forfeit, none; Limit, with due diligence; Plans & specifications filed.

(1108) ELEC., TELEPHONE & ELEC. fixture work on above.
Contractor—Ne Page McKenny Co., 517 18th St., Oakland.
Filed Mar. 8, 1923. Dated Feb. 6, 1923.
Payments same as above
TOTAL COST, $28,979
Bond, $14,489.50; Sureties, Globe Ind. Co.; Forfeit, none; Limit, None; Plans and specifications filed.

(1109) BRICK, GRANITE & TERRA cotta on above.
Contractor—Wm. J. Baccus, 251 12th St. Oakland.
Filed Mar. 8, 1923. Dated Feb. 11, 1923.
Payments same as above.
TOTAL COST, $21,370
Bond, $10,685; Sureties, Globe Ind. Co.; Forfeit, none; Limit, with all due diligence; Plans and specifications filed.

APARTMENTS
(1110) LOT 1 WICK'S ADDITION TO Town of San Leandro, San Leandro. 2-story frame apartments.
Owner—Carrie and George Pyles, 179 Estudillo Ave., San Leandro.
Architect—None.
Contractor—Andrew Roberts, San Leandro.
Filed Mar. 8, 1923. Dated Mar. 7, 1923.
Frame up ..... ¼
Brown coated ..... ¼
Completed and accepted ..... ¼
Usual 35 days ..... ¼
TOTAL COST, $8550
Bond, $10,000; Sureties, Mary J. Roberts; Forfeit, 10.00 day; Limit, 90 days from March 12; Plans and specifications, none.

OFFICE BLDG.
(1111) E BROADWAY 55 N 12th St. N 45 E 100, Oakland. Hollow metal trim and hollow metal elevator doors for 17-story class A bank & office building.
Owner—The Oakland Bank
Architect—Reed & Corlett, Oakland Bank of Savings Bldg., Oakland.
Contractor — Forderer Cornice Works, 269 Petrero Ave., S. F.
Filed Mar. 7, 1923. Dated Feb. 28, 1923.
10th each month 75%
Usual 35 days 25%
TOTAL COST, $6335
Bond, $3168; Sureties, U. S. Fidelity & Guaranty Co.; Forfeit, none; Limit, delivered June 15, 1923; Plans and specifications filed.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Accepted

Mar. 3, 1923—PTN LOTS 49 AND 50 Blk 1 Map Lakeshore Highlands, Oakland. Grace Guerne Jacobson to whom it may concern.....
Mar. 3, 1923—NE E-ELEVENTH 100 NW 9th Ave NW 50xSE 50, Oakland. Laura Gene Robinson to F J Theile.....Mar. 1, 1923
Mar. 2, 1923—N THIRTY-THIRD 283-4 W Telegraph Ave W 36-8 N 108.31 E 66 N 15 E 0-8" S 123.31, Oakland, Christian and Missionary Alliance of Oakland to Walters & Grove.....Dec. 12, 1922
Mar. 5, 1923—S HOLWAY 137 E Seminary Ave., Oakland. D W Parks to whom it may concern.....March 3, 1923
Mar. 5, 1923—S E-FOURTEENTH 50 E 39th Ave 50x110, Oakland. M Blanche Nelson to A E Orton.....March 3, 1923
Mar. 5, 1923—LOTS 13 AND 14 BLK 6, Regents Park Map No. 6, Albany. Adela S Warne to Bigley & Walsh.....Feb. 27, 1923
Mar. 5, 1923—NO. 715 SANTA RAY Ave. Oakland. Jas B Grubb to whom it may concern.....Mar. 5, 1923
Mar. 6, 1923—NO. 2475 RITCHIE ST., Oakland. Niles M Orme to whom it may concern.....Mar. 5, 1923
Mar. 6, 1923—PTN LOT 14 BLK "O" Map Central Piedmont Tract No. 2, Piedmont. J Noel to whom it may concern.....Mar. 6, 1923
Mar. 6, 1923—LOT 39 Revised Map Rose Lawn Park, Oakland. J W Swift to whom it may concern.....March 3, 1923
Mar. 6, 1923—S FORTY-SECOND 104 E Emerald, Oakland. M G Kendall to California Builders Co.....March 5, 1923
Mar. 6, 1923—S FORTY-SECOND 187 E Emerald, Oakland. M G Kendall to California Builders Co. Mar. 5, '23
Mar. 7, 1923—N POWELL bet. Beaudry and Doyle, Emeryville. Great Western Meter Co to H P Nelson.....March 6, 1923
Mar. 7, 1923—LOT 14 BLK "E" Map The Oaks, Piedmont. Dr S M and Laura C Ross to C F Lodge.....March 4, 1923
Mar. 8, 1923—NO. 1724 PEARL ST., Alameda. James William Price to Howard Williford.....Mar. 1, 1923
Mar. 8, 1923—NO. 5464 MANILA AV. Oakland. W J King to Green & Burns.....Mar. 7, 1923
Mar. 8, 1923—SE HOPKINS AND Woodruff 37½x80, Oakland. W E Adkisson to whom it may concern.....Mar. 8, 1923
Mar. 8, 1923—PT. 90 N OF NW COR. 41st and Broadway N 35xW 76, Oakland. L A Nott to Albert Haskell.....Mar. 6, 1923
Mar. 8, 1923—BOND ST., 52nd Ave. to Vicksburg, Oakland. S. P. Co to Hutchinson Co.....Feb. 28, 1923
Mar. 8, 1923—BUENA VISTA AND Pacific Aves, Alameda. S. P. Co. to Hutchinson Co.....Feb. 28, 1923

LIENS FILED

ALAMEDA COUNTY

Recorded Amount

Mar. 3, 1923—NW COR. DIVISION & E-38th N 90xW 50, Oakland. Bay City Hardwood Floor Co vs J M Hogan and Grace Shoemaker.$201.48
Mar. 3, 1923—LOT 52 BLK 9 Map Steinway Terrace, Oakland. Bay City Hardwood Floor Co vs J M Hogan and L M Bliler.....$172.50
Mar. 3, 1923—N E-THIRTY-EIGHTH 50 W Division N 90xW 50, Oakland. Bay City Hardwood Floor Co vs J M Hogan, B G Bail and J K Khoumrian $193.50
Mar. 3, 1923—NE FORTY-THIRD & Grove E 90xN 50, Oakland. Arthur Glazebrook vs T P Fay and Rowena Heald $189.46
Mar. 3, 1923—NE FORTY-THIRD & Grove E 90xN 50, Oakland. Rhodes Jamieson & Co vs T P Fay and Rowena Heald $49.30
Mar. 3, 1923—LOT 186 BLK 5216 Map Stone Orchards, Oakland. Sunset Lumber Co vs Rudolph and Mrs. Rudolph Nelson $125.72

Mar. 5, 1923—LOT 11 BLK "F" Amended Map of Moss Tract, Oakland. Hogan Lumber Co vs J P Silva and E B and Ella R Spriggs $152.34

Mar. 7, 1923—NW PARK BLVD AND Hollywood Ave., Oakland. Edwin Schultheis Jr. $60; Edwin Schultheis, $42; George Schultheis, $54 vs John McIntyre & Victor Schultheis

Mar. 7, 1923—NO. 5116 CONGRESS Ave, Oakland. Paul Parker, $12; George Schultheis, $12; Edwin Schultheis, $24 vs Mrs M Moffitt & Victor Schultheis .....

Mar. 8, 1923—NE FORTY-THIRD & Grove E 90xN 50, Oakland. C M Larkin vs T P and Dora Fay and Rowena Heald $175

Mar. 8, 1923—LOT 24 BLK 7 Map San Pablo Park, Berkeley. J E L Haudbine vs W W Owens.....$180

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded Amount

Mar. 3, 1923—LOT 2 BLK B Map Berwick Terrace, Oakland. M F Wise to John L Cassidy.....$169.50

Mar. 5, 1923—S 110 LOT 8 Map Imperial Heights, Oakland. Contractors & Builders Supply Co to Charles W Hill.....$416.95

Mar. 7, 1923—LOT 14 BLK "K" Leonard Tract, Berkeley. Gladding, McBean & Co to Richard Weber et al.....$38

Mar. 7, 1923—LOT 60 Lake Knoll Tract, Oakland. Melrose Lumber & Supply Co to G Wiser et al..$346.73

Notice of Non-Responsibility

ALAMEDA COUNTY

Mar. 3, 1923—NE FORTY-THIRD & Grove N 50xE 86, Oakland. Rowena Heald as to improvements on property .....

Mar. 3, 1923—LOTS 33, 34, 35 and NE 26.94 Lot 32 Blk 14 Map Broadway Terrace, Oakland. Rose E Beaty, Louis J Joubert, Louise C Bergfold, Mable J Pigott and Frederick W Corkill as to improvements on property .....

Mar. 3, 1923—SE THIRTY-THIRD ST. and San Pablo Ave S 101 E 68 N 88 W 177, Oakland. Enterprise Hall Association as to improvements on property .....

Mar. 5, 1923—LOT 7 and Ptn Lot 6 Blk 10, Map Key Route Heights, Oakland. Alameda Investment Co as to improvements on property.

Mar. 7, 1923—LOT 5 BLK "D" Map Linda Park, Oakland. Teresa Breening as to improvements on property.....

ARCHITECT'S CERTIFICATE

Mar. 5, 1923—Noble Newsom has filed his certificate of architecture for San Francisco County.

OAKLAND BUILDING TOTALS FOR FEBRUARY, 1923

Classification of Buildings	No. of Permits	Cost
1-story dwellings.....	360	$1,104,184
1-story 2-family dwlg.	1	7,000
1-story dwlg. & store..	1	3,850
1½-story dwellings....	2	11,568
2-story dwellings....	9	71,740
2-story flats.....	9	83,950
2-story flats & stores..	2	17,250
2-story apartments....	9	109,525
3-story apartments....	1	25,000
3-story apts. & stores..	1	15,000
1-story stores.....	13	52,145
1-story office.....	2	1,000
1-st office & wrehse....	1	2,200
1-story comfort station	1	300
1-story warehouse....	2	1,700
1-story church.....	1	2,500
1-story restaurant....	1	1,545
1-story storeroom.....	2	1,000
1-st frame & iron factory ..... Add'l. cost		250
2-story funeral parlor.	1	30,000
1-story concrete store..	1	38,343
Concrete vault.....	1	1,000
1-story concrete shop..	1	8,000
1-story concrete shed...	1	250
1-story conc service stn	1	10,200
2-st conc apartments..	1	25,000
2-story conc warehouse	1	13,000
1-story brick vault....	1	400
1-st brick store&wrahse	1	11,500
1-story brk smoke hse.	1	1,250
1-story brick garage...	4	13,925
1-story brick stores...	3	36,000
6-story brk stores&apts	1	60,000
2-st brick & conc loft building	1	40,000
1-story tile boiler room	1	1,000
1-story tile factory....	1	3,260
1-story tile shop.....	1	350
1-story tile garage....	3	9,800
1-story tile storehouse.	1	1,000
1-story steel serv. stn..	3	6,000
1-st garages & sheds..	265	51,029
Electric signs.....4.	17	6,800
Additions	86	95,391
Alterations & repairs..	116	66,316
Total	932	$2,041,521

Total for corresponding month in 1922, 537 permits; cost, $1,424,772

BUILDING CONTRACTS

FRESNO COUNTY.

$5,000 and Over Reported

GARAGE

LOTS 4 TO 8 BLK 91, Fresno. All work for one-story brick garage.
Owner—Amelia Herminghaus et al.
Architect—E. Mathewson, Cory Bldg., Frseno.
Contractor — Davis-Heller-Pearce Co., Delta Bldg., Stockton.
Filed —, '23. Dated Feb. 19, '23.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, $39,000
Bond, $19,500. Sureties, C. J. Franke and Owen H. Miller. Limit, June 1, '23. Forfeit, none. Plans and specifications filed.

GARAGE, $35,000; No. 1347 L St., Fresno; owner, Herminghaus Est.; Contractor, Davis-Heller-Pearce Co., Delta Bldg., Stockton.

ALTERATIONS and additions, $15,000; No. 964 Broadway, Fresno; owner, Lyon W. Parker; contractor, F. J. Stone, Mason Bldg., Fresno.

DWELLING, $6000; No. 1709 College Ave., Fresno; owner, M. Madsen.

COMPLETION NOTICES

FRESNO COUNTY

Recorded Accepted

Mar. 1, 1923—LOTS 41 AND 42 Stivers Tract, Fresno. M A Stivers to whom it may concern..Feb. 26, 1923

Mar. 1, 1923—LOTS 7, 8 AND 9 BLK 169, Fresno. Mrs. W D Noble to whom it may concern..Feb. 10, 1923

Mar. 1, 1923—S ½ LOTS 21, 22 and 23 Blk 23, Belmont Add'n, Fresno. C D Armstrong to whom it may concern.....Feb. 2, 1923

Mar. 1, 1923—LOTS 43 and 44, Temple Park, Fresno. K C Buwalda to whom it may concern..Feb. 28, 1923

Mar. 2, 1923—LOTS 3 AND 4 BLK 2, Dean Addition, Fresno. Virginia B Torossian to whom it may concern .....Jan. 18, 1923

Mar. 3, 1923—LOT 16 BLK 24, Alta Vista Tract, Fresno. Ella C Clark to whom it may concern.Jan. 19, 1923

Mar. 2, 1923—LOT 9 S 15 FT. LOT 8 Blk 1, High Add'n, Fresno. Ellen E Young to whom it may concern .....March 2, 1923

Mar. 2, 1923—N ½ LOT 16, Lot 17 Blk 1, Leona Heights, Fresno. Chas R Tilden to whom it may concern... .....March 1, 1923

Mar. 5, 1923—LOTS 8 AND 9 BLK 4, Roeding Add'n, Fresno. Wm Ellis to whom it may concern.Mar. 5, 1923

Mar. 5, 1923—LOTS 12, 13 AND 14 Blk 5, La Sierra Tract, Fresno. C J Betteridge to whom it may concern.....Mar. 6, 1923

Mar. 6, 1923—LOT 2 BLK 11, Alta Vista Tract, Fresno. J G Crichton to whom it may concern..Mar. 3, 1923

LIENS FILED

FRESNO COUNTY

Recorded Amount

Mar. 1, 1923—LOT 16 BLK 24, Alta Vista Tract, Fresno. Dick Harvey vs Ella C and Jacob Clark.....$150

Mar. 7, 1923—LOTS 11 AND 12 BLK 14, K B Heights, Fresno. Sunset Lumber Co vs Fred Hauber and K. B. Heights Co.....$155

Mar. 7, 1923—LOT 4, Huntington Blvd Acres, Fresno. Sunset Lumber Co vs Fred Imwall and John Darling $198

Mar. 7, 1923—LOT 10 BLK 12, College Park, Fresno. Sunset Lumber Co vs D D Robinson.....$119

Mar. 7, 1923—LOTS 3 AND 4 BLK 2, Dean Addition, Fresno. Valley Lumber Co vs Virginia B Torossian $421

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

$2,500 and Over Reported

RESIDENCE, $2850; No. 1509 S-American St., Stockton; owner, R. Stevens, El Ricardo Tract, Stockton.

RESIDENCE, $4900; No. 231 E-6th St., Stockton; owner, Albert Lully, 1955 E-San Joaquin St., Stockton.

RESIDENCE, $3660; No. 1460 W-Walnut St., Stockton; owner, W. C. Gaskill, 1743 S-California St.

RESIDENCE, $4100; No. 102 Mt. Diablo St., Stockton; owner, J. Whiteman, 744 E-Washington St., Stockton.

RESIDENCE, $3000; No. 1421 W-Elm St., Stockton; owner, A. H. Green.

RESIDENCE, $4900; No. 1401 E-Noble St., Stockton; owner, A. G. Tibbitts

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded Accepted

Mar. 3, 1923—LOT 4 BLK 18, Sbdvn No. 2, Tuxedo Park, Stockton. Sterling Bldg. Co to J A Pilcarpo .....Jan. 24, 1923

Mar. 3, 1923—S 180 FT OF W 30 ft Lot 12 and S 180 ft. E 20 ft. Lot 13, Blk 11, Hutchins Addition to Lodi. Emilie D Peaslee to whom it may concern.....Feb. 28, 1923

BUILDING CONTRACTS

SACRAMENTO COUNTY

$2,500 and Over Reported

FLAT BLDG., (2) 2-story, $11,000; 2728 & 2730 Q St., Sacramento; owner, J. H. Burdon; contractor, E. Thomas, 2021 24th St., Sacramento.

DWELLING, 1-story 5-room, and garage, $2750; 508 30th St., Sacramento; owner, R. S. Foster, 813 J St., Sacramento; contractor, H. Buck, 916 17th St., Sacramento.

DWELLING, 1-story 5-room, and garage, $4250; 908 Santa Ynez Way, Sacramento; owner, O. R. Thompson, 2038 Markham Way, Sacramento; contractor, E. E. Sydenstricker, 1010 27th St., Sacramento.

DWELLING, 1-story 5-room, and garage, $3500; 320 29th St., Sacramento; owner, S. S. Younger, 360 45th St., Sacramento.

REPAIRS, $2500; 510 19th St., Sacramento; owner, Sarah Dunnigan, 1119 5th St., Sacramento; contractor, F. H. Bill, 2107 27th St., Sacramento.

DWELLING, 1-story 5-room and garage, $4000; 2478 5th St., Sacramento; owner, G. Coleman, B 292 Riverside Rd., Sacramento.

DWELLING, 1-story 5-room, and garage, $2500; 3025 W St., Sacramento; owner, O. H. Moore, 2920 35th St., Sacramento.

DWELLING, 2-story 7-room, and garage, $9177; 1332 41st St., Sacramento; owner, Mrs. S. Thorp; contractor, W. V. Whitsell, 2900 C St., Sacramento.

DWELLING, 1-story 5-room, and garage, $2500; 2220 31st St., Sacramento; owner, O. H. Moore, 2920 35th St., Sacramento.

FLATS, 2-story frame, $5000; 2304 G St., Sacramento; owner, A. C. Gidlund, 2314 G St., Sacramento.

DWELLING, 1-story 5-room, and garage, $3000; owner, P. Banka, 4240 X St., Sacramento.

DWELLING, 1-story 5-room, and garage, $2760; age, $3500; 1232 33rd St.; owner, Leslie E. Grivea, 1917 28th St., Sacramento; contractor, Robt. Powell Co., 1309 6th St., Sacramento.

DWELLING, 1-story 5-room, and garage, $2750; 825 7th Ave., Sacramento; owner, P. R. Opdyke, 1009 7th Ave., Sacramento.

DWELLING, 2-story 5-room, and garage, $5500; 3950 N St., Sacramento; owner, A. J. Davies, 27th & Y, Sacramento; contractor, J. W. Hooper, 5126 14th Sacramento.

DWELLING, 1-story 5-room, and garage, $2800; 2534 25th Sacramento; owner, E. E. Weideman, 2441 Burnett Way, Sacramento; contractor, F. B. Hogan, 1405 O St., Sacramento.

GENERAL REPAIRS, $8870; 415 Q St., Sacramento; owner, Sacramento City School Dist.; contractor, Geo. Hudnutt, Cal. Fruit Bldg., Scto.

DWELLING, 1-story 5-room, and garage, $3500; 2426 26th St., Sacramento; owner, G. H. Atkinson, 615 26th St., Sacramento; contractor, H. M. Earle, 1056 Dolores Ave., Sacto.

FLATS, 2-story stucco, $10,000; 2114 23rd St., Sacramento; owner, S. Spaulding, 1800 N St., Sacramento; contractor, W. R. Saunders, 2614 I St., Sacramento.

WAREHOUSE, corru iron, $10,000; 1734 6th St., Sacramento; owner, Western Pacific Co., 3rd & L Sts., Scto.; contractor—Matthews Constr. Co., Forum Bldg., Sacramento.

ADDITION of 4 rooms, $23,853; 3820 4th St., Sacramento; owner, Sacramento; contractor, Geo. D. Hudnutt, Cal Fruit Bldg., Sacramento.

DWELLING, 1-story 5-room, and garage, $2750; 2608 41st St., Sacramento; owner, C. A. Shurtleff; contractor, Harry Black, 916 17th St., Sacramento.

DWELLING, 1-story 5-room, and garage, $4650; 3949 Folsom Blvd., Sacramento; owner, F. P. Williams, 4440 San Benito Way, Sacramento.

DWELLING, 1-story 5-room, and garage, $2600; 1040 33rd St., Sacramento; owner, W. E. Hammond, 2822 J St., Sacramento.

DWELLING, 1-story 6-room, and garage, $4000; owner, E. & A. E. Trueblood, 811 J St., Sacramento; contractor, C. Valine N St Sacramento.

DWELLING, 1-story 5-room, and garage, $3000; 1008 X St., Sacramento; owner, E. D. Brier, 813 J St., Sacramento.

DWELLING, 1-story 5-room, and garage, $3000; 1012 X St., Sacramento; owner, E. D. Brier, 813 J St., Sacramento.

DWELLING, 1-story 5-room, and garage, $4900; 871 41st St., Sacramento; owner, F. P. Williams, 4440 San Benito Way, Sacramento.

DWELLING, 1-story 5-room, and garage; owner, J. F. Levramento, 2417 16th Sacramento; contractor, T. L. Terra, 1712 W Sacramento.

DWELLING, 2-story 7-room, and garage, $3000; 3821 Miller Way; owner, Irene Skelton, 1029 H Sacramento; contractor, J. J. Mase, 1622 18th Sacramento.

DWELLING, 1-story 5-room, $3000; 2638 2nd Ave., Sacramento; owner, C. W. Chatterton, 2426 F Sacramento; contractor, C. H. Chatterton.

BUNKERS, frame, $20,000; 1316 B Sacramento; owner, Clark & Henery Constr. Co., 512 Ochsner Bldg., Sacramento.

DWELLING and garage, $9500; 1115 43rd Sacramento; owner, Chris. R. Jones, 1010 Dolores Way, Sacramento; contractor, F. P. Williams.

BUILDING CONTRACTS

SANTA CLARA COUNTY

$1,000 and Over Reported

RESIDENCE
NW COR. BLK 24, Seale Addition No. 2, Palo Alto. All work for two-story residence.
Owner — Mrs. Harriet M. Peet, Palo Alto.
Architect—Birge M. Clark, 600 Embarcadero Road, Palo Alto.
Contractor—F. W. Fox, 826 Cowper St., Palo Alto.
Filed Feb. 26, '23. Dated Feb. 23, '23.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, $16,332.65
Bond, $8200. Surety, W. S. Bigler and W. P. Gray. Limit, 100 working days after Feb. 26, 1923. Forfeit, none. Plans and specifications filed.

APARTMENTS
NW TENTH AND ELIZABETH STS., San Jose. All work for two-story frame apartment house.
Owner—Michel De Sando, 448 E-Santa Clara St., San Jose.
Architect—Wolfe & Higgins, Auzerais Bldg., San Jose.
Contractor—R. E. Ford & J. C. Thornburg, Santa Clara.
Filed Feb. 26, '23. Dated Feb. 24, '23.
Frame up $5091
1st coat plaster on..... 5091
Completed and accepted..... 5091
Usual 35 days..... 5091
TOTAL COST $20,364
Bond, $10,182. Sureties, A. L. Hubbard and John Lindgren. Limit, 120 working days from Feb. 24, 1923. Forfeit, none. Plans and specifications filed.

ALTERATIONS
SUNNYVALE. Extend cook room and build reinforced concrete lye platform at Sunnyvale plant of owners.
Owner—Libby, McNeill & Libby, Merchants' Exchange Bldg., S. F.
Architect—J. J. Nevills, Sacramento.
Contractor—Robert O. Summers, 17 N-First St., San Jose.
Filed Feb. 24, '23. Dated Feb. 7, '23.
Material on ground..... ¼
Frame completed and floors laid ¼
Completed and accepted..... ¼
Usual 35 days..... ¼
TOTAL COST, $13,242
Bond, $6671. Sureties, James H. Pierce and M. L. Doane. Limit, on or before April 1, 1923. Firfeit, none. Plans and specifications filed.

APARTMENTS
LOTS 24, 25 AND 26 BLK 37, Palo Alto. All work for two-story (8) apartment house.
Owner—Leung Kee, 833 Emerson St., Palo Alto.
Architect—None.
Contractor—Alfred C. Hamerton, 475 Dewey St., San Francisco.
Filed Feb. 27, '23. Dated Feb. 20, '23.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, $25,000
Bond, $12,500. Surety United States Fidelity & Guaranty Co. Limit, 180 working days. Forfeit, none. Plans and specifications filed.

SHED AND BARN
ON PACHECO PASS ROAD, property standing in name of Helen Doan et al. All work for milking shed and hay barn.
Owner—F. Silacci, Gilroy.
Architect—None.
Contractor—Wm. Radtke, Gilroy.
Filed Feb. 28, '23. Dated Feb. 26, '23.
Concrete foundation in place, frame up, all lumber delivered.$1250
Completed and accepted..... 1335
TOTAL COST, $2585
Bond, limit, forfeit, plans and specifications, none.

COTTAGE
LOT 15, Manzanita Park. All work for five-room cottage, garage, front entrance, cement walks.

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Owner—Frederick A. Hatla, San Jose.
Architect—None.
Contractor—Ed. Delmaestro, 424 W-Julian St., San Jose.
Filed Mar. 1, '23. Dated Mar. 1, '23.
Frame up $850
1st coat plaster on..... 850
All work completed..... 850
Usual 35 days..... 850
TOTAL COST, $3400
Bond, $1700. Sureties, Otto E. Schnabel and E. W. Schnabel. Limit, forfeit, none. Plans and specifications filed

DWELLING
LOT 10, CHERRYHURST SUBDIVISION, San Jose. All work for one and one-half-story frame dwelling.
Owner—H. L. Austin, 735 S-Sixth St., San Jose.
Architect—Wolfe & Higgins, Auzerais Bldg., San Jose.
Contractor—G. M. Latta, 25 Rhodes Ct., San Jose.
Filed Feb. 28, '23. Dated Feb. 13, '23.
Frame up ..... ¼
1st coat plaster on..... ¼
Completed ..... ¼
Usual 35 days..... ¼
TOTAL COST, $5882.50
Bond, $2941.25. Sureties, J. H. Pierce and James Casley. Limit, 120 calendar days. Forfeit, none. Plans and specifications filed.

COTTAGE
IN ROADS COURT, San Jose. All work for one-story frame stucco cottage and rustic garage.
Owner—Swedish Evangelical Mission Church of San Jose, Cal., Inc.
Architect—H. W. Higbie, Porter Bldg., San Jose.
Contractor—C. T. Carlson, San Jose.
Filed Feb. 27, '23. Dated Feb. 26, '23.
Frame up and roof on.....$1275
Plaster on, and building ready for inside finish..... 1275
Completed and accepted..... 1275
Usual 35 days..... 1275
TOTAL COST, $5100
Bond, none. Limit, 100 working days. Forfeit, none. Plans and specifications filed.

COTTAGE, four-room, $2600; Loraine St. near Josefa, San Jose; owner, Louis Cordova; contractor, V. R. Caminetti, 975 Vine St., San Jose.

STORE building, $3795; Delmas and Home Sts., San Jose; owner, R. B. Gray, 1021 Bird St., San Jose.

COTTAGE, five-room, $1000; Jackson near 21st St., San Jose; owner, L. Monferino, 536 N-21st St., San Jose

COTTAGE, five-room, $4500; Clintonia near Coe St., San Jose; owner, E. L. Wolfe, 131 Coe St., San Jose; architect, Wolfe & Higgins, Auzerais Bldg., San Jose; contractor, E. L. Wolfe, 131 Coe St., San Jose.

ALTER front, $1175; No. 279 S-First St. San Jose; owner, J. Rosenthal, 802 S-Ninth St., San Jose; contractor, Globe Mfg. Co., 31 Pleasant St., San Jose.

COTTAGE, five-room, $3500; Clintonia near Coe, San Jose; owner, F. S. Taylor; architect, Angelus Arch. Service Co.

COTTAGE, five-room, $1500; No. 30 N-Santa Clara St., San Jose; owner, A. D. Bernall, Lendrum St. near Sunset St., San Jose.

WAREHOUSE and office, $3500; San Pedro and St. James Sts., San Jose; owner, S. B. Leuigau, 84 N-Market St., San Jose; contractor, M. Sinclair.

ALTERATIONS, $1200; No. 118 Colfax St., San Jose; owner, H. Berryessa, Premises.

ALTERATIONS $1100; No. 74 N-13th St., San Jose; owner, E. B. Isham, 453 N-17th St., San Jose.

SOCIAL hall, $1000; Taylor and 21st Sts., San Jose; owner, Catholic Church; contractor, Manuel Freitas 600 N-19th St., San Jose.

COTTAGE, four-room, $1950; 21st near Santa Clara St., San Jose; owner, Leo Schutte, 12 S-21st St., S. J.

COTTAGE, 5-room, $3400; Fourteenth near Washington St., San Jose; owner, F. A. Halla; contractor, Ed. Delmaestro.

ALTERATIONS, $1000; No. 435 S-2nd St., San Jose; owner, Mrs. R. Christy; contractor, F. E. Loomis, 840 Jackson St., San Jose.

COTTAGE, four-room, $2700; Humboldt and Floyd Sts., San Jose; owner, P. L. Falcone; contractor, Jerome Garcia. 1052 S-1st St., San Jose.

COTTAGE, five-room, $5800; No. 16 N-San Fernando St., San Jose; owner, Ruby Kerr, contractor, E. L. Slaght, 752 S-9th St., San Jose.

COTTAGE, five-room, $1800; Jerome near Delmas St., San Jose; owner, Geo. W. Bundy; contractor, R. S. Burgess, 380 N-14th St., San Jose.

ALTERATIONS, $1500; San Antonio nr First St., San Jose; owner, J. B. Zellers Lessee Hotel; architect, Binder & Curtis, 255½ S-1st St., San Jose; contractor, Z. O. Field & Son, 76 W-San Antonio St., San Jose.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Accepted

Feb. 26, 1923—LOTS 15 AND 16 BLK 4, Sunnyvale. G A Warfield to F R Yanish and W E Knight.....Feb. 12, 1923

Feb. 26, 1923—LOT 17 BLK 2, J. B. Randol's Add'n to Chapman & Davis Tract, San Jose. Geo P Burkett to whom it may concern.....Feb. 24, 1923

Feb. 26, 1923—PTN LOT 4 BLK 4 R 10, South. City of San Jose. Clarence R Dorsey to Carl C Maurer.....Feb. 26, 1923

Feb. 26, 1923—LOT 27 Saveker Sub. No. 2, San Jose. R F Humphrey to whom it may concern...Feb. 12, 1923

Feb. 26, 1923—LOT 6 Cristina Sub No. 1, San Jose. Elof Nelson to whom it may concern...Feb. 26, 1923

Feb. 27, 1923—PTN BLK 5 R 4 W Scheller's Add'n to San Jose. Harold H Shanley to Dodd & Magers.....Feb. 27, 1923

Feb. 27, 1923—LOT 9, Schaad Sub of Blk 33, Reed Addition to San Jose. Henrietta Chinchen to whom it may concern.....Feb. 27, 1923

Feb. 27, 1923—LOT 15 BLK 10, South Palo Alto. Anne G Wallace to Howard S Waltz.....Feb. 27, 1923

Feb. 27, 1923—LOT 9 BLK 4, Alameda Park Tract, San Jose. J W Ford to Wm H O'Neil.....Feb. 24, 1923

Feb. 28, 1923—N STEVENS CREEK Road about ¼ mile W of Meridian Corners. Anna Gleecos to Clyde Alexander.....Feb. 15, 1923

Feb. 28, 1923—LOT 1 BLK 14, Interurban Park Tract San Jose. Norma E Christie to whom it may concern.....Feb. 27, 1923

Mar. 1, 1923—LOT 9 BLK 10, Reese Sub of Reed Add'n to San Jose. A R Davis to whom it may concern.....Feb. 26, 1923

Mar. 2, 1923—LOT 14, Cole Realty Co's Sub, San Jose. L C Rossi to whom it may concern....Mar. 1, 1923

Mar. 2, 1923—LOT 5 Sub of Original Lot 4 Blk 17, University Grounds. Frank T Lannin to Thos J Lannin.....March 1, 1923

Mar. 2, 1923—LOT 1 BLK 5, R 4 W Scheller Add'n., San Jose. Paul Emmerson Jacquet to whom it may concern.....Mar. 2, 1923

Mar. 2, 1923—LOT 17 Cole Realty Co's Sub., San Jose. L C Rossi to whom it may concern....Mar. 1, 1923

Mar. 3, 1923—NW SAN SALVADOR & Fifteenth Sts., San Jose. Carl F Di Flore to C V Brown..Mar. 1, 1923

Mar. 3, 1923—LOT 25 BLK 21, Montgomery and Rea's Sub., San Jose. Gorge Homer Douglass to whom it may concern.....Mar. 3, 1923

Mar. 5, 1923—LOT 21 BLK 1, Lincoln Residence Park, San Jose. Robert J Wright to Alexander Petrie and Walter Furtwangler....Mar. 5, 1923

Mar. 6, 1923—PTN BLK 1 R 10 N, City of San Jose. Mary C Entriken to whom it may concern.Mar. 5, 1923

Mar. 6, 1923—PTN LOT 3 BLK 66, Palo Alto. Emma A Johnson to Santa Clara Valley Co.....

LIENS FILED

SANTA CLARA COUNTY

Recorded Amount

Feb. 28, 1923—S 80 FT. LOT 6 BLK 1 Maypark Half Acres. Charles Forsythe vs D H Allen.....$369.12

Mar. 2, 1923—PTN LOT 4 BLK 62, City of Palo Alto. Gray-Thorning Lumber Co vs Paula and A E Lattimore $520.34

Mar. 2, 1923—LOT 4 BLK 62, City of Palo Alto. L E Yates, Chas Taylor, A S Du Cavic, B Haggerty and W P Grant as Trustees of Building Trades Council of San Jose vs Paula Lattimore $235

BUILDING CONTRACTS

SAN MATEO COUNTY

BUNGALOW
LOT 14 PTN. 15 BLK 1 METROPOLIS Homestead Tract. All work for 4-room bungalow.
Owner—Metropolis Homestead Co., 995 Market St., S. F.
Architect—None.
Contractor—John F. Leslie.
Filed Mar. 1, 1923. Dated Feb. 20, 1923. Owner pays all bills as approved by by cont. not to exceed $2025 at time of completion.
Usual 35 days $400
TOTAL COST, $2425
Bonds, none; Sureties, none; Forfeit, none; Limit, 90 wk. days; Plans and specifications filed.

BUNGALOW
LOT 12 BLK 10 BURLINGAME TRACT, Burlingame. All work for bungalow and garage.
Owner—C. E. Layton & Lillian M. Cook.
Architect—None.
Contractor—L. H. Stevenson, 45 Worth St., San Francisco.
Filed Mar. 5, 1923. Dated Mar. 5, 1923.
Framed $1137.50
Brown coated 1137.50
Completed and accepted 1137.50
Usual 35 days 1137.50
TOTAL COST, $4550
Bonds, none; Sureties, none; Forfeit, none; Limit, 90 wk days; Plans and specifications filed.

DWELLING, 1-story, $4000; 228 North D St. W Add., San Mateo; owner, Gus Meuster; contractor, Gus Meister.

RESIDENCE and garage, $4000; South F St. Lot 2, San Mateo; owner, Felice Lochini; architect, J. E. Berg; contractor, Wm. Kronquist.

WAREHOUSE, $1000; Fifth Avenue & Railroad Ave., San Mateo; owner, Wisconsin Lumber Co., 5th & R.R. Ave., San Mateo; contractor, S. A. Wiswin, A & 2nd, San Mateo.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded Accepted

Mar. 1, 1923—PTN LOT 14 BLK 10 Oak Knowl Manor near Redwood. Edward Kennedy to F. A. Fagalde .....Feb. 28, 1923

Mar. 1, 1923—LOT A BLK 1 SUB 4 Burlingame Park. C. L. Bell to whom it may concern..Feb. 28, 1923

Mar. 1, 1923—LOT 9 BLK 2 BURLINgams Terrace, Burlingame. F. M. Neher to whom it may concern .....Feb. 27, 1923

Mar. 1, 1923—LOT 26 BLK 19 EASton 2. Karl P. and Florence Jensen to Geo. Duncan .....Feb. 27, 1923

Mar. 2, 1923—LOT 17 BLK 8 BURlingame Park No. 2, Burlingame. Walter L. % Hulda C. Scott to whom it may concern..Feb. 28, 1923

Mar. 3, 1923—SEC "B"-1A LOTS 3 & 4 Home of Peace Cemetery. Rose Stern to E. A. Weisenburger.....Feb. 16, 1923

LIENS FILED

SAN MATEO COUNTY

Recorded Amount

Mar. 1, 1923—LOTS 1 & 2 BLK 8 SUB No. 2 Burlingame Park. Reinhart Lumber & Planing Mill Co. vs. A. H. Dahl & Abendrath.....$605.20

Mar. 6, 1923—PTN LOTS 1 & 2 BLK 8 Sub 2 Burlingame Park. W. C. Palamonitoni va. Gus H. & Hattie Abendrath & Alfred C. Dahl..$542.60

BUILDING CONTRACTS

CONTRA COSTA COUNTY

DWELLING, one-story frame, $3000; NW Nevin Ave. and 44th St., Richmond; owner, J. A. Hasking, 20 5th St., Richmond; contractor, John Odling, 3723 Cerrito St., Richmond.

APARTMENTS, two-story frame, $12,700; E-11th bet. Barrett and Roosevelt Sts., Richmond; owner, A. M. Nelson, 11th and Roosevelt Sts., Richmond; contractor, Carl Overaa, 2105 Roosevelt St., Richmond.

STORE, one-story brick, $4875; S Macdonald St., bet. 12th and 13th Sts., Richmond; owner, W. W. McLarney 1115 Nevin St., Richmond; contractor, Carl Overaa, 2105 Roosevelt St., Richmond.

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Publication Office
560 Mission Street

SAN FRANCISCO, CALIF., MARCH 17, 1923

Published Every Saturday
Twenty-third Year No. 11

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San Francisco Los Angeles

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

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J. P. FARRELL, Managing Editor

Devoted to the Engineering, Architectural, Building and Industrial Activities of the Pacific Coast.

OFFICIAL PAPER OF
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Richmond Builders' Exchange
Stockton Builders' Exchange
Fresno Builders' Exchange
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RECLAMATION ACT SECTION HELD UNCONSTITUTIONAL

The section of the state reclamation act holding that there can be no appeal from a lower court affecting a reclamation assessment, was declared unconstitutional by the state supreme court in San Francisco in a decision holding that an action to invalidate the $8,000,000 assessment of the Sutter-Butte by-pass may proceed despite a contrary lower court judgment.

The assessment was validated by the three superior judges, sitting en banc in Yuba City , Sutter County, the judgment fixing the assessment on 370,000 acres of land in Sutter, Butte, Colusa, Yolo and Sacramento Counties, which had been formed into the by-pass district. The parties affected by the assessment on the west side of the Sacramento river appealed to the supreme court, holding the non-appellate clause of the reclamation act unconstitutional, and stating that the by-pass project did not affect them directly. They held further that the construction of the project would raise the flood level of the river and force them to build higher levees.

FEDERAL ROAD BIDS ASKED

Bids will be considered by the U. S. Bureau of Public Roads, 881 Mills Bldg., San Francisco, on April 3 to construct the Mineral Section of the Red Bluff-Susanville highway in the Lassen National Forest, Tehama County. The project is located about 32 miles east of Red Bluff and the portion to be constructed is approximately 12 miles in length. The project includes the construction of a 70 foot low truss bridge over Battle Creek.

Delay in U. S. Building Program is Urged By Congressman Madden

Until the present building boom in the country has come to a close the United States Government should not enter upon a public construction program, in the opinion of Representative Martin B. Madden, Republican, Illinois, chairman of the House Committee on appropriations.

Representative Madden has come to this conclusion after a thorough investigation into the building situation and with a view to the Federal Government taking the lead in arranging its public works in order to afford employment in periods of depression. Pending the end of the present home building activity the Illinois congressman would have an exhaustive survey of Government building requirements made throughout the country and a program drawn up which under no circumstances should include any building anywhere not justified by the business of the Government.

"The wisdom of this policy," Madden says, "must be apparent to anyone who gives the matter serious consideration.

"First, it would prevent competition with the home builders which such a program entered upon at this time would entail.

"Second, it would give the Government the buildings needed at a more moderate cost.

"Third, it would find employment for those engaged in the building industry at a time when employment is most needed and create a stabilizing influence on the labor market.

"A building program entered upon under such conditions would not only find employment for those directly engaged in the building trades but would also benefit kindred industries. It would aid the railroads by giving them additional transportation; aid the mines and give the miners employment. It would enlarge the opportunities for employment in the lumber industry, in the stone quarries, and in the brick yards, and all industries into which the building trades ramify, and thus the Government, in periods of depression, might act as a useful agency to prevent the unemployment which periodically exists throughout the country.

"The Government might also enter upon a more active road building program during such periods.'

Representative Madden has been giving the subject of Government construction thought for many months and in this interview sets forth a clear explanation of conditions upon which he bases his plan, which he believes will be adopted in future as a Government policy.

"Any person who thinks back to 1913 will remember that throughout that year unemployment existed to a larger extent than at any time in the country's history" Madden says. "It then occurred to me that during such periods the Government should be prepared to carry on necessary public works which would give employment. There are several ways in which employment can be promoted by the Government during such periods of general depression, and it should be the duty of the Government to have its plans laid in advance to meet the needs arising under such conditions. Nothing was done, however, during the period of 1913 to relieve the conditions which then prevailed.

"In 1914 the war broke out and that forced the world to buy from the United States, in consequence of which employment was had by all. Had it not been for the war it is probable that the United States would have experienced a long period of unemployment with no provision made by the Government to meet the situation.

"As the war went on and the United States became involved it was necessary to prohibit all classes of improvements throughout the country except such as were essential to the war needs and no building of any kind was permitted except as was essentially a war necessity; the result being that the country at the close of the war found itself short of housing facilities.

"The war costs of building reached the enormous figure of 246, taking 100 as the normal. War wages in every industry continued for a considerable period after the close of the war and although everybody in the country was anxious to build, no one felt able to do it at the prevailing prices."

FEBRUARY BUILDING ACTIVITIES IN SOUTHERN CALIFORNIA

Building activities in Southern California, during February 1923, are totaled as follows, figures for the corresponding month of 1922, being given for comparison:

	Feb. 1923	Feb. 1922
Los Angeles	$12,030,310	$7,579,798
Long Beach	3,045,285	1,164,084
Glendale	1,019,613	421,890
Pasadena	759,817	402,772
Alhambra	701,505	178,800
Santa Barbara	685,005	164,650
San Diego	673,350	490,357
Whittier	471,620	121,495
Bakersfield	348,589	151,235
Santa Ana	346,108	236,245
Santa Monica	318,275	221,120
South Pasadena	256,300	104,335
Huntington Park	196,750	76,710
San Bernardino	174,900	110,519
Burbank	170,405	215,510
Fullerton	167,080	81,125
Riverside	110,135	75,860

SAN JOSE CEMENT PLANT WILL COST $2,500,000

Early construction of what is reported will be the largest lime and cement plant in the United States is planned by the Guadalupe Lime & Cement Company on the Almaden road, near San Jose, according to word from that city.

The plant, according to advices will cost approximately $2,500,000 and will employ 600 men during construction and a permanent working force of 300 men when operating at full capacity.

All internal transportation will be handled by a compressed air system, it is said. Among other features is a tnnuel 2700 feet in length, passing through the property of the company to connect with the branch line of the Southern Pacific near Almaden station.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

Secretary Charles Keeler of the Berkeley Chamber of Commerce will be one of a committee of three to formulate a plan for a contest on city planning and architecture to be conducted among all cities of the state as a result of the tenth annual convention of the Association of Commercial Secretaries held at Santa Cruz recently. Each city will be invited to submit its best example of domestic, business and public architecture, the photographs thus turned in to be judged by a committee of architects from outside of California.

Production of the 138 mills reporting to the West Coast Lumbermen's Association for the week ending March 3 was 17 per cent above normal; new business was 7 per cent below production and shipments 14 per cent above new business. Of all new business taken during the week 31 per cent was for future water delivery. This amounted to 31,960,157 feet, of which 23,990,549 feet was for domestic cargo delivery and 7,969,608 feet export. New business for delivery by rail amounted to 2137 cars.

The Standard Lumber Company of Sonora, Calif., has just purchased 13,300,000 feet of Government timber on the South Fork of the Stanislaus River, within the Stanislaus National Forest. The price paid per thousand feet was $4.00 for sugar pine, $3.00 for yellow pine and $1.25 for white fir and incense cedar. The sale will run for a period of two years, and cutting will be done under forestry methods, which will insure the production of a new forest on the land.

During 1922 the U. S. Forest Service spent more than $500,000 in the construction and maintenance of 5080 miles of roads and trails within the National Forests of California. This sum was in addition to the special appropriations made by Congress for major forest highways. Work done during the year consisted of the construction of 182 miles of minor roads and 418 miles of new trails, and the maintenance of 988 miles of roads and 3492 miles of trails.

The Washington state highway appropriations bill, carrying a total of $825,000 for state highways radiating from Seattle, was passed without a dissenting vote in the Senate. The bill makes available for the next biennium from the motor vehicle fund, fed by gasoline tax and motor vehicle license receipts, the sum of $10,314,248, approximately $2,122,000 less than the total of the 1921 legislature highway allowance.

The Stockton Box Company has started construction of a new plant adjoining holdings of the S. P. and W. P. Railroads in North Street, Stockton. The company will spend approximately $60,000 in new buildings and equipment. The main structure will be 65 by 200 feet and the drying sheds 20 by 500 feet. H. V. Tarter is president of the company.

The Southern Pacific Company has been granted a permit by the Visalia City Trustees to construct a four-mile spur track from Richgrove to the Di Giorgio fruit lands northeast of Delano, Kern County.

The State Immigration & Housing Commission, considered for abolishment by Governor Richardson, will, in all probability, be provided for, according to word for Sacramento. The announcement follows a conference between the Governor and Archbishop Edw. J. Hanna of San Francisco, who is a member of the commission, and Herbert Fleishhacker, capitalist of San Francisco. The governor announced he would make some provision that would satisfy all concerned.

Assembly Bill No. 21, calling for an appropriation of $500,000 for the reconstruction of the state highway between Sacramento and Galt, has been passed out of the assembly roads and highways committee to the ways and means committee. A unanimous vote was given the measure.

Awards in an international contest for architects' plans for an ideal community hospital have been made to Rodman & Butler, New York; John Rhoades, Atascedero, Cal., and Ernest Hoadke, Cambridge, Mass., according to an announcement of the Modern Hospital Magazine.

The Willys-Overland Automobile Co. is planning the erection of a $750,000 assemblying plant on the Pacific Coast. Sites in the San Francisco bay district and Los Angeles are being inspected. A selection is expected within ninety days, according to John Willys, president of the company, now on the Pacific Coast.

The State Highway Commission has definitely decided to proceed with the construction of the Yolo-Lake Highway, according to W. F. Mixon, secretary of the commission. The engineering department has been instructed to make surveys. The highway will be 35 miles long and will connect Lower Lake and Rumsey, thereby linking together Yolo and Lake counties.

David Lupton Sons Co., Philadelphia, Pa., has issued Pamphlet No. 112, featuring the Lupton Steel Windows. The pamphlet was especially prepared for architects.

Plumbers of Spokane, Wn., will open an apprentice school to train boys in the plumbing trade. The students following graduation will be known as "Spokane Plan" plumbers.

American Steel Foundries report a net income of $3,709,866 for 1922 compared with $356,863 in 1921. After payment of preferred and cash dividends 1922 surplus was $860,264, compared with $2,173,698 deficit in 1921.

Unfilled orders of the U. S. Steel Corp. on February 28, 1923, totaled 7,283,989 tons, an increase of 373,213 tons over those at the end of the preceding month.

W. A. Blanchard, of Burbank, and F. A. Stever and Ed. Evcrett, of Los Angeles, have incorporated the Belvedere Lumber Mill Co. with a capital stock of $100,000.

Abner E. Hitchcock, retired attorney, has been appointed city manager of Santa Rosa.

ALONG THE LINE

The International Sanitary Manufacturing Company, capitalized at $1,000,000 has filed articles of incorporation in Oakland. Concern will deal in the manufacture and sale of pipe, castings, valves and sanitary appliances. Directors are: J. S. Bobba, A. H. Marchant, P. K. Braley, F. W. Zuver and K. K. Weimer.

The Midcoast Rock Company has been incorporated at Santa Barbara by E. G. Degman, A. W. Belmont and Frank J. Richards. The company has secured a 10-year lease on a limestone quarry on the Sudden estate, 10 miles south of Santa Maria.

Modesto Irrigation District will sell $298,400 worth of bonds to finance construction of transmission and distributing lines and sub-stations in connection with the Don Pedro dam project.

Western Pipe and Steel Co., of California, with the principal place of business as San Francisco, has increased its capital stock from $500,000 to $2,000,000. W. G. Aldenhazen is secretary of the company.

State Building Trades Council convenes at San Bernardino, March 19. State Conference of Painters convenes in the same city, March 16-17. Jos. Tuitt of San Francisco is president of the latter organization.

The San Francisco-Oakland Terminal Railways will spend $100,000 in reconstructing its tracks in Grove street, Berkeley, according to an announcement of Geo. H. Harris, assistant manager.

Stockton City Council rescinds action calling election to vote bonds of $2,000,000 in May to finance dredging operations to provide deep water to the sea.

Carpenters of Santa Barbara have voted to demand an increase in wages of $1 day, making the scale $9, effective May 1. From present indications the increase will be granted.

The Board of Regents of the University of California has appointed Allison and Allison, of Los Angeles, official architects of the Southern Branch of the university.

At the recent annual convention of the Western Retail Lumbermen's Association held at Spokane, Los Angeles was selected as the 1924 convention city.

The Fred Gunther Co. will represent the Byron-Jackson Iron Works in Kern county. Headquarters will be maintained at Bakersfield.

Barrett & Hilp, San Francisco contractors, have opened East Bay offices in the Builders' Exchange, 351 Twelfth street, Oakland.

ORGANIZATION NEWS

RICHMOND BUILDERS LAY CORNER STONE OF NEW HOME

The corner stone for the new home of the Contra Costa County Builders' Exchange in Fourteenth street just south of Macdonald Avenue, Richmond, was laid Saturday March 10. Representatives of various exchanges in Central and Northern California attended.

P. M. Sanford, president of the exchange, acted as master of ceremonies and spoke on the steady growth of the organization, its activities and its accomplishments. In reviewing the building operations of Contra Costa county for the past few years, Mr. Sanford predicted an active season for the future, and declared that construction of the new quarters was assurance that the exchange had faith in the building outlook for years to come.

D. B. Farquharson, of the San Francisco Builders' Exchange and E. M. Tilden, president of the Oakland Exchange were also speakers.

Jas. Walker, of the Richmond Exchange, laid the corner stone, donated by the Ray Cook Marble Company, which firm also has a membership in the exchange.

In addition to placing a copy of the by-laws of the exchange in the corner stone, those present were asked to contribute some trinkling. Many contributed business cards and several of the members who purchased stock to finance construction of the building enclosed their notes.

E. H. Higgins acted as chairman in charge of the Committee on Arrangements, assisted by Jos. J. Burdon and C. Pederaen.

Following the cornerstone laying the majority of those in attendance retired to "closed" quarters where Charlie Brown, the champion plastering contractor of Richmond, acted as a Hospitality Committee.

A. A. E. PROTEST THREE PROPOSED LAWS

Characterizing Assembly bills 644, 954 and 1111 as inimical to the public interest, San Francisco Chapter of the American Association of Engineers has directed its public service committee to draft a suitable protest to members of the Legislature. It was pointed out that Assembly bill 644, which provides for reorganization of the State Mining Bureau, is particularly objectionable in that it would concentrate the oil department in Los Angeles. Assembly bill 954, the public service committee contends, seeks to abolish the revolving fund of the State water department, while Assembly bill 1111 would, in the opinion of the committee, virtually abolish Civil Service and pave the way for the spoils system.

NEW A. G. C. SECRETARY

Eugene Young, formerly Secretary of the Minneapolis Builders' Exchange, has been appointed Secretary of the Associated General Contractors of America. In the selection of Mr. Young, the Association has obtained a men well qualified to assume the duties of such an office. His success in organization work, and in dealing with labor problems in Minnesota is well known in construction circles, and as a monument to his executive ability he left the Builders' Exchange a membership of 380, a modern 12-story office building, an a surplus in their treasury

HUME, BUTTE COUNTY ENGINEER, HEADS SURVEYORS ASS'N.

Harry H. Hume of Chico, County Engineer of Butte County, has been elected president of the County Surveyors Association of California. J. L. McBride, of Orange County, was chosen vice-president and Lloyd Bowman, of Santa Cruz, secretary. Directors elected are F. E. Quail, of San Joaquin County, and Chris. P. Jensen, of Fresno.

The association held its annual convention in Sacramento in connection with the annual convention of county supervisors. The convention which was attended by about twenty of the county engineers and county surveyors of the state went on record as favoring the Breed motor vehicle act with the amendments suggested by the state supervisors convention and in favor of the enactment of a measure to take the place of the county engineer act, known as the Ream bill, which was declared unconstitutional by the state supreme court.

The convention made a tentative draft of a bill along this line which, it is hoped, will be passed by the present legislature. It will give boards of supervisors the right to delegate road work to county surveyors.

During the two-day session, the engineers heard talks on the construction of black base asphalt pavements, concrete pavements, bridge construction, and numerous other subjects of interest to engineers.

John B. Leonard, of San Francisco, discussed proposed plans for bridging San Francisco Bay. State Highway Engineer R. M. Morton also was a speaker.

Chico was selected as the place for holding the next convention as the supervisors also will convene in that city for their next meeting.

FRESNO ENGINEERS NOMINATE OFFICERS

The incumbent officers of Fresno Chapter, American Association of Engineers were nominated for the ensuing year without opposition at a meeting held March 10. They are: Charles L. Kaupke, president; A. L. Finney, vice president; S. A. Chamman, second vice president; J. M. Boswell, secretary and treasurer. The formal election will take place in April.

J. M. Boswell was chosen delegate to the national convention to be held in Norfolk, Va., in May.

March 21 was set as the date of the dinner party, to be given probably at the Commercial Club, with representatives from Los Angeles, San Francisco and other California chapters in attendance, with their ladies. Delegates will discuss the policy to be pursued at the national convention.

A program of radio entertainment will be provided.

SEATTLE MUNY RAIL LINES LOSE $4,000 A DAY

Receipts from the five cent fare in effect on Seattle's municipal street railway system since March 1 have shown a net daily loss of approximately $4000 as compared with previous months, when the 8½ cent fare was in effect. Continuation of the reduced fare will be discussed at an early meeting of the city council.

A. S. M. E. NOTES

A three-day program of excursions and technical papers is being completed for the first Pacific Coast Regional Meeting of the American Society of Mechanical Engineers to be held in Los Angeles, April 16-18. Members of the society are requested to advise Carl C. Thomas, 1111 Hollingsworth Bldg., Los Angeles, if they are planning to be in that city at the time of the meeting.

Professional Divisions of the American Society of Mechanical Engineers are assisting in the preparation of twelve professional sessions at the Spring Meeting, May 28-31. These sessions will consider Hydroelectric Development, Management, Port Development, Textile, Railroads, Fuels, Aeronautics, Machine Building, and the Paper and Pulp Industry. Members of the Engineering Institute of Canada have been invited to attend the meeting. An elaborate excursion and entertainment program is being prepared.

BUILDING HELD STIMULANT FOR OTHER BUSINESS

"The building worker is the starting point for general business activity," says H. W. Robertson, president of the Sacramento Master Builders' Association, "and the building industry acts as a barometer of all business increases or decreases so that the extent to which building is being done can be used as a gauge of the prosperity of any city. Whenever a contractor secures a job several other men are given immediate employment and as the work progresses the number of men placed at work among the various crafts is proportionately increased. The larger the job, naturally, the larger the number of men employed and the contractor who is able to keep jobs going at the same time is in a position to keep his men and subcontractors employed all the year around. In California the tendency to shut down in the winter months is less than in the eastern states and the fact that building operations continue through the winter in Sacramento has a great influence on the stability and dependability of the hundreds of building mechanics who make this city their home. There is less migration of workers from city to city and less tendency to increase wages during peak times and cut them during slack seasons."

ATLAS ROCK COMPANY ENTERS OAKDALE DISTRICT

The Atlas Rock Co., recently organized, headed by A. C. McMillan of Fresno, has taken over the rock and gravel plant formerly operated by the Modesto and Turlock Irrigation Districts, just east of Oakdale, and will spend approximately $35,000 in converting the plant to commercial uses.

At the present time the company is completing a sand contract for the Hetch Hetchy project and with its completion will shut down the plant for the installation of rock crushers, bunkers, etc. In addition to the sale of rock and gravel the company will operate in a large capacity in the manufacture of cement pipe.

McMillan, prime mover in the project, was formerly associated with the Grant Rock Company. The plant will be in charge of Fred Beerman.

February Building Totals Indicate Boom

February figures for the principal cities of the country indicate that a building boom of unprecedented proportions exists over the greater part of the country, outstripping some of the most sanguine predictions made during the opening weeks of the year.

The monthly building survey of S. W. Straus & Co. for February shows an approximate total of building permits for the whole country of $340,000,000.

Detailed official reports submitted to S. W. Straus & Co., by the building departments of 179 principal cities, show a total for February of $226,123,290. The same cities in February, 1922, had a total of $153,675,445, an increase of $72,447,845, or 47 per cent.

One of the outstanding features of the survey is the gain of 96 per cent shown in the Central West. In the Pacific West, the gain was 52 per cent; in the East 33½ per cent and in the South 10 per cent.

Cities showing the largest gains over February, 1922, in the Eastern section were New York, $26,501,429 and Philadelphia, $1,418,525. In the South Nashville led with $1,227,554.

Leading gains in the Central West were: Chicago, $14,218,000; Cincinnati, $1,134,205; Cleveland, $2,773,560; Detroit, $4,005,744; Omaha, $1,093,640; St. Louis, $1,379,165.

In the Pacific West, Los Angeles led with a gain over last February of $4,500,612 and Long Beach, Cal., showed a gain of $1,881,201.

During the month structural steel has shown a marked advance in price, while other important building materials practically all show indications of rapid approaching advances. The market, as in January, remained firm with many materials, according to stocks in the hands of dealers, activity of local building operations and the outlook as regard production and transportation facilities.

The demand for lumber as well as for many other basic building materials now exceeds production. This condition is in spite of increased schedules of production of 1922. If building operations continue at the present rate and the demand for material increases proportionately an inevitable increase of prices generally is looked for.

The labor situation is not alarming in any particular, but in certain localities it is growing more and more acute as the demand for workmen holds strong or increases. The tendency of wages for the country at large is upward. Builders in numerous cities are figuring on a probable increase of wages in nearly all trade. From no quarter is an abundance of either skilled or common labor reported. Wage agreements are pretty well signed up in the important centers.

WATER STORAGE ACT IS HELD CONSTITUTIONAL

Constitutionality of the state water storage act was upheld and the reclamation, irrigation and improvement of approximately 1,000,000 acres of land in the Kings river region, the construction of reservoirs of 600,000-acre feet of water were made possible in a decision handed down by the State Supreme Court.

The decision granted a writ of mandamus to compel the state engineering department and State Engineer W. F. McClure to receive and act on a petition for the forming of the Kings river water district, a $200,000,000 enterprise. The mandemus action was brought by M. F. Tarpey of Fresno, in behalf of nearly 500 residents of the district who had petitioned for the formation of the district. The engineering department declined to act on the petition as the constitutionality of the water storage act had not been established.

FOREST FIRES DO $4,000,000 DAMAGE

Fires on the national forests of California have in the 10 years ending in 1920 burned over 1,300,000 acres, causing nearly $4,000,000 damage, according to a circular just issued by the Forest Service, United States Department of Agriculture, based on a study of more than 10,000 fires, most of which were man-caused.

Data compiled on such an exhaustive analysis of fires by causes, size, damage, cost, location, season, and other relating factors, and the drawing of conclusions as to the best methods of preventing and fighting fires, will prove interesting and helpful to everyone connected with forest protection, not only in California but elsewhere, especially throughout the West. It contains valuable information as to the various theories and principles that have been tested out both in patrol and actual suppression, leading to a selection of means and methods that have proved most effective.

WEYERHAUSER INTERESTS PURCHASE MODOC TIMBER LAND

The purchase of the 1,198 acre tract of timber land west of Goose Lake by the Weyerhauser Timber Company from Thomas F. Wallace of Minneapolis has brought the acreage of that company in this county to 48,295. The increase in the company's holdings also adds strength to the reports of contemplated activity in the construction of the Modoc Northern Railroad on the proposed route of which the Weyerhauser company recently purchased a millsite at Texum, near Klamath Falls.

This company is now the third largest timber owner in Modoc County. For many years it was the second largest owner, but the Pickering Lumber Company of Kansas City, with an acreage of 67,241 acres and an assessment of $437,320 is now the second largest holder of timber land in the county. The largest owner is the Red River interests with an acreage of 140,390. The Roe-Burgess Company of Oshkosh, Wis., is the fourth largest, with an acreage of 5,776.

The total acreage of these four companies in Modoc County is 261,702, with a total asessment of $2,340,925, an assessment which is greater than the entire assessment of Surprise Valley.

Scattered up and down throughout the county are small holdings of timber, comprising in all nearly 40,000 acres and which within the next two years will be absorbed by Weyerhauser, Pickering and the Red River interests.

PILE DRIVERS STRIKE ON CAPITAL EXTENSION PROJECT

Steam pile drivers on the Capital Extension project at Sacramento are on strike. Members of the pile drivers' union quit their posts on the afternoon of March 8 and are not expected to return until a settlement is reached over the employment of non-union men by the U. S. Steel Products Company, which has the contract for the structural steel. The workers on strike are employed by the K. E. Parker Company of San Francisco. Efforts of State Architect George B. McDougall to assure a settlement between the contractors and the labor leaders failed.

E. M. TILDEN, LUMRER DEALER, TO OPEN RICHMOND BANK

E. M. Tilden, lumber dealer, and a number of business associates, have applied to the Federal Banking Department at Washington for a permit to establish a national bank in Richmond, Contra Costa County, to be known as the First National Bank of Richmond. The capitalization is stated as $100,000. The organizers are: E. M. Tilden, who will be president; C. C. Kratzer, Roy Eakie, R. E. Slattery of Richmond, and Fred Caudle, now associated with the Federal Reserve Bank of San Francisco, and formerly assistant cashier in the original First National Bank of Richmond.

Tilden, besides being president of the Tilden Lumber Co. of Berkeley and Richmond, is president of the Hogan Lumber Co. of Oakland and president of the Alameda County Builders' Exchange.

WOOD PRESERVING IN 1921

The Department of Commerce announces, that according to reports made to the Bureau of the Census, the value of products of establishments engaged in wood preserving amounted to $47,422,000 in 1921 as compared with $33,239,000 in 1919, and $21,055,000 in 1914; an increase of 43 per cent from 1919 to 1921, and of 125 per cent for the seven-year period, 1914 to 1921.

This industry includes establishments engaged in treating wood with creosote coal, tar, crude oil, and other preservatives to prevent decay and for protection against fire, etc.

Of the 78 establishments reporting products valued at $5,000 and more in 1921, 9 were located in Illinois; 6 each in Louisiana, New York, Ohio, and Texas; 5 in Indiana; 4 each in Mississippi and Virginia; 3 each in Kentucky, Missouri, New Jersey, Pennsylvania, and Washington; 2 each in Alabama, Florida and Minnesota; and 1 each in Arkansas, California, Georgia, Idaho, Michigan, Montana, Oklahoma, Oregon, West Virginia, Wisconsin and Wyoming.

In January, the month of maximum employment, 4,963 wage earners were reported, and in December, the month of minimum employment, 3,593—the minimum representing 72 per cent of the maximum. The average number employed during 1921 was 4,153 as compared with 3,978 in 1919.

LEAD AND ALUMINUM PRODUCTION SHOW GAINS

The United States produced 76 per cent more lead in 1922 than in 1921, the total being 107,008,715 pounds, valued at $8,545,077 last year, as compared with 60,800,186 pounds worth $5,940,208 in the preceding year. Figures gathered by the geological survey show that, at the beginning of 1922 the price was 8.5 cents a pound declining to 7.5 cents by the middle of the year, but rising to 9.5 at the close, while in 1921 the average was 9.8 cents, making an average decline of 1.8 cents for last year.

The value of new aluminum produced in the United States in 1922 amounting to $13,622,000 increased 25 per cent over that in 1921, the price for the 99 per cent grade ranging from 20 cents a pound the first half of the year to 23 cents a pound after passage of the tariff bill.

CATALOGS WANTED

Cama, Norton & Co., importers of electrical machinery, plants, devices and appliances, 11 Elphinstone Circle, Bombay, India, reports India in general and Bombay in particular has large openings for engineering enterprises and desires to receive catalogs and correspondence from American firms.

Building News Section

APARTMENTS

Plans to be Prepared.
APARTMENTS Cost, $——
SAN JOSE, Santa Clara Co., Cal. No. 240 N-Third St.
Three-story frame apartment house (24 rooms and garages).
Owner—Dr. J. W. Davy, 1st National Bank Bldg., San Jose.
Architect—Wyckoff & White, Growers Bank Bldg., San Jose.

Contract Awarded.
APT. HOUSE Cost, $260,000
SAN FRANCISCO, SW Chestnut and Larkin.
Eight-story and basement class B apt. house (32 apartments).
Owner—W. L. Growall, Mutual Bank Bldg., San Francisco.
Architect—Wm. Knowles, Hearst Bldg., San Francisco.
Contractor—Lange & Bergstrom, Sharon Bldg., San Francisco.

Plans Being Prepared.
APT. HOUSE Cost, $20,000
OAKLAND, Alameda Co., Cal.
Two-story frame and stucco apartment house.
Owner—Van Midgley, 865 Grand Ave., Oakland.
Architect—Miller & Warnecke, Perry Bldg., Oakland.

Plans Being Figured.
APT. HOUSE Cost, $20,000
OAKLAND, Alameda Co., Cal, vicinity of Grand Ave. & Perkins St.
Two-story frame and stucco apt. house
Owner—Rex Midgley, 428 Perkins St., Oakland.
Architect—Miller & Warnecke, Perry Bldg., Oakland.

Contract Awarded.
APT. HOUSE Cost, $65,000
OAKLAND, N Grand Ave. 165 E Montecito.
Three-story frame 85 room apartment house.
Owner—I. Wollin, 220 Grand Ave., Okd.
Contractor—Conrad Roth, Hayward.

Contract Awarded.
APARTMENTS Cost, $45,000
SAN FRANCISCO. NE Fulton Street and Second Avenue.
Three-story and basement frame (12) apartments.
Owner—E. C. Counter, 475 Dewey Blvd., San Francisco.
Architect—None.
Contractor—A. C. Hamerton, 475 Dewey Blvd., San Francisco.

Contract Awarded.
APARTMENTS Cost, $12,000
SAN FRANCISCO, W 21st Ave. 250 N Anza.
Two-story & basement frame (4) apts.
Owner—Henry A. Meyer, 485 22nd Ave., San Francisco.
Contractor—K. Adler, 493 22nd Ave., San Francisco.

Contract Awarded.
APARTMENTS Cost, $36,000
OAKLAND, Alameda Co., Cal., W Bellevue Ave., 120 S Grand Ave.
Three-story 36-room frame apartments
Owner—Henry G. Hill, 465 Bellevue Av. Oakland.
Architect—A. T. Hass, 216 Fremont St., San Francisco.
Contractor—T. A. Cuthbertson, 1766 12th Ave., San Francisco.

Contract Awarded.
APARTMENTS Cost, $10,480
OAKLAND, 861-63-65 Meade St.
Two-story 16-room frame apts.
Owner—C. S. Nigersall, 867 Meade St., Oakland.
Contractor—W. H. Sims, 1940 42nd Ave., Oakland.

Contract Awarded.
APARTMENTS Cost, $35,000
SAN FRANCISCO, NE Oak and Buchanan Stre-ts.
Three-story brick, frame and brick veneer apt. (6 3-room and 6 2-room apartments).
Owner—Mrs. Tillie Nelson.
Architect—O. R. Thayer, 110 Sutter St., San Francisco.
Contractor—E. K. Nelson, 77 O'Farrell St., San Francisco.

To Be Done By Day's Work.
APARTMENTS Cost, $45,000
SAN FRANCISCO NE Octavia & Pine Streets.
Three-story and basement (15) apts.
Owner—Faniel McKillop, 540 Cole St., San Francisco.

To be Done by Day's Work.
APARTMENTS Cost, $35,000
SAN FRANCISCO. SW Twenty-fourth Ave. and Lake St.
Three-story and basement frame (12) apartments.
Owner—Chas. A. Johnson, 36 Steiner St., San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.

To be Done by Day's Work and Sub-Contracts.
APARTMENTS Cost, $40,000
SAN FRANCISCO. SW Larkin and Union Streets.
Three-story and basement frame (23) apartments.
Owner—L. J. Neal, 364 Page St., S. F.
Architect—E. H. Denke, 1317 Hyde St., San Francisco.

Contracts Awarded.
APARTMENTS Cost, $20,000
RICHMOND, Contra Costa Co., Cal. SE Eleventh St. and Nevin Ave.
Two-story frame and plaster apartment building; 5 2-room apts; 1 5-room flat; 2 stores and 2 garages
Owner—F. A. Mayfield.
Architect—E. A. F. Carson, 542 4th St., Richmond.
General Contract to E. A. F. Carson.
Cement Work to Frank Ausez, Richmond.
Plumbing to Spiersch Bros., Richmond
Plastering to Geo. P. Ingram, Richmond
Electrical Work to R. D. Noble, Richmond.
Sheet Metal Work to Wm. Grutch, Richmond.
Heating to Spiersch Mros., Richmond.
Brick and Tile Work to Jas. Walker, Richmond.
Roofing to Richmond Roofing Co., Richmond.
Marble to Ray Cook Marble Co., Richmond.
Magnesite Work to Petrium Sanitary Sink Co.
Cabinet Work to Pederson Bros., Richmond.
Painting and Glass Work to be done by the owner.

Sub-Figures Being Taken.
APT. HOUSE Cost, $260,000
SAN FRANCISCO, SW Chestnut and Larkin.
Eight-story and basement class B apt. house (32 apartments).
Owner—W. L. Growall, Mutual Bank Bldg., San Francisco.
Architect—Wm. Knowles, Hearst Bldg. San Francisco.
Contractor—Lange & Bergstrom, Sharon Bldg., San Francisco.

Contract Awarded.
APARTMENTS Cost, $14,000 each
BERKELEY, Alameda Co., Cal. No. 2626-28 and 2632-32 Hillegass.
Two two-story 16-room frame apartment buildings.
Owner—J. H. & J. T. McClymonds, 2727 Hillegass, Berkeley.
Architect—None.
Contractor—R. R. Bixby, 2747½ Webster St., Berkeley.

Plans Being Prepared.
APT. HOUSE Cost, $200,000
SAN FRANCISCO, S Green 223 E Jones.
Six-story, basement and attic class B apartment house (11 5 and 6-room apartments)
Owner—Dr. C. R. Bricca.
Architect—C. A. Meusdorffer, Humboldt Bank Bldg., San Francisco.
Plans will be ready for figures in about three weeks.

Segregated Figures being Taken.
APT. HOUSE Cost, $100,000
SAN FRANCISCO, E Taylor 62 S Ellis.
Six-story and basement steel frame reinforced concrete apt. house (24 2-room apts)
Owner—Withheld.
Architect—A. H. Knoll, Hearst Bldg., San Francisco.

SEATTLE, Wash. —Architect Jas. Creutzer, Leary Bldg., completes plans for three-story, 103x80 ft., brick apartments to be erected in Brooklyn Ave. near 42nd avenue east for H. Riernertson, 5903 Fremont Ave., Seattle. Will contain 33 two, three and four-room apartments. Est. cost, $80,000.

LOS ANGELES, Los Angeles Co., Cal. —Harley S. Bradley, 1503 W. 6th St., has prepared plans for a two-story frame and plaster apartment house to be erected on El Cerrito Pl., near Hollywood Blvd., for Mrs. G. E. Runions, 5043 Franklin Ave. It will contain 103 room, 51 apartments. Cost, $75,000.

SEATTLE, Wash.—Architect John A. Creutzer, Leary Bldg., preparing plans for 3-story and basement, masonry and terra cotta apartments, 120 by 52 ft., to be erected at Jefferson St. and Terry Ave.; est. cost $75,000. John Hopkins, owner.

BONDS

SANTA ROSA, Sonoma Co., Cal.—Rincon School District on March 30 will vote question of issuing bonds of $21,000 to finance construction of new school. Trustees of district are: W. H. Brayton, Matilda A. Wolfe and Henry Freese.

LODI, San Joaquin Co., Cal.—Election will be held March 30 in Telegraph School District to vote bonds of $5500 to finance school improvements; trustees are: Wm. Fisher, Frank Sullivan and J. A. Pierce.

MODESTO, Stanislaus Co., Cal. —Election will be held March 30 in Laird School District to vote bonds of $15,500 to finance school improvements; trustees of district are: Katherine T. Crosby, Ethel L. Brush and Silvio Pometta.

CERES, Stanislaus Co., Cal.—Ceres High School District will vote bonds of $25,000 March 30 to finance construction of gymnasium.

MADERA, Madera Co., Cal.—Election will be held March 30 in Raymond Granite Union High School District to vote bonds of $25,000 to finance school improvements. Trustees are: E. L. McCapes, J. G. Smale and F. W. Krohn.

EUREKA, Humboldt Co., Cal.—Election will be held March 31 in Oakdale School District to vote bonds of $2500 to finance school improvements. Trustees are: W. L. Smith, G. Svendsen and Mrs. Iris Hill.

DINUBA, Tulare Co., Cal.—Election will be held April 3 in Kings River School District to vote bonds of $27,000 to finance construction of new school. Trustees are: Y. E. Hammarston, C. O. Peterson and Victor G. Pierson.

EUREKA, Nevada—Eureka County Commissioners sell $50,000 bond issue to finance construction of new high school for premium of $4,465. Structure will house high and grade school classes and will contain a gymnasium and auditorium. Geo. J. Ferris & Son of Reno, are the architects.

SAUSALITO, Marin Co., Cal.—Sausalito School District will vote April 21 question of issuing bonds of $84,000 to finance construction of new school building preliminarily plans for which have been prepared by Architect A. A. Cantin, 68 Post St., San Francisco.

WILLOWS, Glenn Co., Cal.—Election will be held March 30 in Butte City School District to vote bonds of $14,000 to finance school improvements. Trustees are: A. Rademacher, W. Frank Miller and A. B. Farrar.

REEDELY, Fresno Co., Cal.—Reedley Joint School District will vote April 10 question of issuing bonds of $107,000. Two propositions will be submitted—one to issue $107,000 of bonds and another to purchase old high school site for future needs.

SAN JOSE, Santa Clara Co., Cal.—Hester School District votes bonds of $22,000 to finance construction of six-room addition to present school.

WASHINGTON, Yolo Co., Cal.—Bond issue of $15,000 to finance construction of 2-room school, failed to carry by 2 votes in Sacramento River School District. Three ballots favoring the issue were declared invalid, due to irregularities.

SAN BERNARDINO, San Bernardino Co., Cal.—The $140,000 bond issue of the San Bernardino school dist. has been sold by the county supervisors to the National City Co. at $6755 premium.

CHURCHES

Plans Being Figured—Bids Close Mar. 27, 1923, 5 p. m.
CHURCH Cost, $100,000
STOCKTON, San Joaquin Co., Cal. Center and Flora Streets.
Concrete church building (terra cotta finish and purple glazed roof).
Owner—First Church of Christ Scientist.
Architect—Glenn Allen, 37 S-Aurora St. Stockton.
See call for bids under official proposals.

Preliminary Plans Being Prepared.
CHURCH Cost, $60,000
SAN FRANCISCO, Market & Noe Sts.
One-story hollow tile or frame and stucco church and gymnasium.
Owner—Trinity Methodist Episcopal Church.
Architect—W. J. Wythe, Central Bk. Bldg., Oakland.

Plans Completed.
CHURCH Cost, $60,000
BERKELEY, Alameda Co., Cal. Hopkins St., Northbrae.
One-story frame and stucco church.
Owner—Wesley M. E. Church.
Architect—W. J. Wythe, Central Bank Bldg., Oakland.

Plans Being Prepared.
CHURCH Cost, $20,000
EASTON, San Mateo Co., Cal. Elm & Humboldt Sts.
Frame and brick veneer church with tile roof.
Owner—Easton Methodist Church (Rev. C. L. Calkins).
Architect—W. J. Wythe, Central Bank Bldg., Oakland.

Contract Awarded.
CHURCH Cost, $100,000
SAN FRANCISCO, SE Clay and Divisadero Streets.
One-story basement and mezzanine church.
Owner—First Church of Christ Scientist.
Architect—W. H. Crim, 425 Kearny St., San Francisco.
Grading awarded to Carlin Grading Co., 80 Leidesdorff St., at $3180.

GRENADA, Siskiyou Co., Cal.—Rollin S. Tuttle commissioned by Rev. Daniel Stevens, pastor Methodist Episcopal Church to prepare plans for new edifice to contain auditorium seating 150; a community hall, 60 by 34 ft.; choir loft, seating 24 persons and women's parlor, 20 by 17 ft. Will be of frame construction.

FACTORIES & WAREHOUSES

Plans To Be Prepared.
FACTORY Cost, $45,000
SAN FRANCISCO.
Two-story concrtee factory.
Owner—Williams Bros., Aircraft Cptn, 1211 Van Ness Ave., S. F.

Bids Taken Under Advisement.
LOFT BLDG. Cost, $——
SAN FRANCISCO. S Minna W Fourth.
Two or three-story reinforced concrete loft building.
Owner—Mrs. Mary F. Hawkes.
Architect—H. C. Baumann and Edw. Jose, 251 Kearny St., San Francisco

	2-story	3-story
Meyer Bros., 5326 Geary St., S. F.	$23,404	$30,141
Mission Concrete Co., Call Bldg.	23,995	29,845
Louis J. Cohn	24,950	33,200
Vukicevich & Bagge	26,033	32,631
Barrett & Hilp	27,383	34,600
F. L. Hansen	35,440	43,890

Contract Awarded.
MACHINE SHOP Cost, $15,000
LOFT BLDG. Cost, $40,000
SAN FRANCISCO, N Howard St. 95-10 & 45-10 E Beale.
One-story reinforced concrete machine shop and 3-story and basement reinf. concrete loft bldg.
Owner—Christie Machine Works, 191 Fremont St., San Francisco.
Architect—Dodge A. Riedy, 850 Pacific Bldg., San Francisco.
Contractor — Wm. Martin, 180 Jessie St., San Francisco.

Contractor Taking Sub-Figures.
LOFT BLDGS. 2 $81,000 ea., 1 $51,000
SAN FRANCISCO, S Bluxome 449 E 6th St N Townsend 449 E 6th St. and N Townsend 359 E 6th St.
Three 2-story and basement concrete loft buildings.
Owner—Moody Estate Co., Kohl Bldg. San Francisco.
Designer—L. P. Martini, 647 Chestnut St., San Francisco.
Engineer—P. Qucco & Co., 166 Geary St., San Francisco.
Contractor—K. E. Parker Co., 519 California St., San Francisco.

Sub-Figures Being Taken.
WHOLESALE BLDG. Cost, $——
SAN FRANCISCO. N Mission — W Ecker, running through to Jessie Street.
Five-story and basement reinforced concrete store wholesale building.
Owner—A. Aronson.
Architect—Mel I. Schwartz, Nevada Bk. Bldg., San Francisco.
Engineer—Edw. L. Soule, Rialto Bldg., San Francisco.
Concrete Work to Goodman Artificial Stone Co., Lick Bldg.
Grading being completed.
Bids are now being taken for the plumbing and heating. Other sub-bids will be taken shortly.
This building was originally designed for one story.

LOS ANGELES, Los Angeles Co., Cal. Milwaukee Bldg. Co., 315 Wright & Callender Bldg., Los Angeles, is completing plans for a five-story and basement Class A warehouse to be erected at Vernon Ave. and Alameda St. for Sam Seelig Co. Dimensions, 127x163 ft., reinf. concrete constr., metal skylights, steel sash, elevators, conveyors, etc.

STOCKTON, San Joaquin Co., Cal.—Stockton Box Co., 426 North Aurora St., Stockton, has started construction of a new plant in North St., west of the S. P. and W. P. to cost $60,000, including equipment. Main building will be 65x200 ft., and drying sheds 20x500 ft. H. V. Tartar, president and C. A. Webster, secretary of the company.

LOS ANGELES, Los Angeles Co., Cal.—The Austin Company of California, John Harnish, Mgr., 702 Pacific Electric Bldg., Los Angels, has the contract to erect an additional unit to be leased as a factory at the plant of Buttress & McClellan, NW corner Santa Fe Ave. and 51st St. Dimensions, 150x200 ft., steel frame, cement floors, steel sash, factory ribbed glass, wood roof, tar and gravel roof; cost, $47,000. Work will be started at once. The Austin Company also has a contract to erect a factory building of similar description for Baash Ross Tool Co. on Boyle Ave. north of Slauson. Dimensions, 80x160 ft.; cost, $42,000. Work started.

ALHAMBRA, L. A. Co., Cal.—M. H. Merrill & Co., Boston, Mass., will be the engrs. to prepare plans for the cotton mill bldgs. to be erected on Alhambra Ave. at W. Indiana St., near Alhambra, for Los Angeles Cotton Mills Co., Edw. M. Fowler, Metropolitan Bldg., L. A., pres. The first unit will include a boiler house, 1-sto., 40x40 ft.; bleaching bldg., 1-sto., 80x80 ft.; cloth and finishing bldg., 2-sto., 40x80 ft.; storage and shipping bldg., 2-sto., 45x55 ft.; conc. platform, 30x45 ft.; weaving shed, 1-sto., 125x175 ft.; yarn mill 3-sto., 75x125 ft. All bldgs. will be class A, reinf. conc. constr. Three other units are contemplated. The total cost will be approximately $4,000,000. Grading and improvement of streets in the tract has been started.

SAN MATEO, San Mateo Co., Cal.—McClenahan Products Co., 112 Kearny St., San Francisco, is planning to establish a plant in East San Mateo for the manufacture of clay pipe, bricks and all kinds of clay products. Chamber of Commerce is assisting in securing a suitable site.

LOS ANGELES, L. A. Co., Cal.—Archt E. L. Mayberry, 472 Pac. Elec. Bldg., is taking bids from a selected list of contractors for erecting a 13-sto. and basement class A loft bldg. on east side of Hill St., bet. 7th and 8th Sts., for W. W. Paden. It will be 50x150 ft. reinf conc. constr., terra cotta facing, plate glass, steel sash, elevators, marble and tile work, steam htg; $500,000. Bids will be taken separately on the gen. contr., glazing, ornam. iron, roofing, metal sash, sheet metal, sprinkling system, electric wiring, plumbing, elevators, mail chute, boiler stack, marble and tile, painting, terra cotta, metal covered doors.

STOCKTON, San Joaquin Co., Cal.—The following bids were received on March 13th by A. L. Banks, City Clerk of Stockton for the construction of a steel freight shed, 85 feet long on the north bank of Stockton channel west of Cross St.

The bids were taken under advisement until the 16th.

Vickroy & de Atley, 1122 N-Commerce St., Stockton	$5555
Frank Tucker, Stockton	5679
Davison & Nicolsen, Stockton	5680
O. H. Chain, Stockton	5895
Shutes & Zink, Stockton	5955
Howe & Medbery, Stockton	5030
Gould & Johns, Stockton	6133
F. W. Maurice, Oakland	6770
Paul B. Thompson	8480

FLATS

Contract Awarded.
FLATS Cost, $14,000
SAN FRANCISCO, SE California St. & 2nd Avenue.
Two-story & basement frame (4) flats
Owner—N. Hess & Son, 5797 California St., San Francisco.
Contractor—John V. Stiefel, 184 23rd St., San Francisco.

Contract Awarded.
FLATS Cost, $13,000
SAN FRANCISCO, S Nineteenth 83 E Castro St.
Two-story and basement frame and stucco (4) flats (all work except painting, roofing, shades and light fixtures).
Owner—Withheld.
Architect—John F. Beuttler, 110 Sutter St., San Francisco.
Contractor—Reilly & Nemetz, 180 Jessie St.

Plans Being Prepared.
FLATS Cost, $14,000
SAN FRANCISCO, Divisadero St., near Green.
Two-story frame and stucco residential flats.
Owner—Dr. A. Milliken.
Architect—Arthur S. Bugbee, 26 Montgomery St., San Francisco.

Contract Awarded.
FLATS Cost, $13,500
SAN FRANCISCO, E Taylor 63-6 S Broadway.
Two-story and basement frame (2) flats.
Owner—P. Lanson, 956 Jackson St., San Francisco.
Architect—H. C. Baumann and Edw. Jose, 251 Kearny St., S. F.
Contractor — Mattock & Feasey, 251 Kearny St., San Francisco.

GARAGES

Contract Awarded.
GARAGE BLDG. Cost, approx. $15,000
RICHMOND, Contra Costa Co., Cal. W 11th St., bet. Macdonald and Nevin Avenues.
One-story brick and frame auto sales and garage building (white glazed brick exterior).
Owner—I. D. Kirkpatrick and J. S. Wood (Durant and Star auto dealers).
Architect—Jas. T. Narbett, 910 Macdonald Ave., Richmond.
Contractor—Carl Overaa, 2105 Roosevelt Ave., Richmond.

Low Bidder.
GARAGE, ETC. Cost, $15,000
MARTINEZ, Contra Costa Co., Cal., Sixth and Ward Streets.
Two-story brick, hollow tile or frame and stucco auto sales and garage building, 100x100.
Owner—D. Mendel.
Architect — W. A. Doctor, 417 15th St., Oakland.
Low Bidder — H. T. Caskey, 432 W Green St., Martinez.
The next lowest bid was submitted by Mr. Miner, of Richmond.

GOVERNMENT WORK AND SUPPLIES

Plans Being Figured—Bids Close April 10, 1923, 11 A. M.
WARD BLDG. Cost, $65,000
SAN FRANCISCO. Letterman General Hospital.
Two-story concrete ward building.
Owner—U. S. Government.
Architect — Constructing Quartermaster's Office, Fort Mason.
Plans may be obtained from the Constructing Quartermaster's Office on a deposit of $10.

Contract Awarded.
EXTENSION Cost, $99,750
MARE ISLAND, Cal.
One-story extension to shell house and magazine (hollow tile and concrete pile foundation, etc.) Spec. 4742.
Owner — U. S Bureau of Yards and Docks, Navy Dept.
Architect—Owner.
Contractor — John Pringle, 212 Anita Road. Burlingame, Cal.

WASHINGTON, D. C.—Pearce Bros., N. Y. City, submitted low bid to treasury dept., supervising archt., at $33,655 for constructing new Federal Bldg. at Nogales. Other bids were: Farmer & Co., Nogales, $109,885; Chas. Weitz & Sons, Des Moines, $109,900; A. S. Hall & Co., Albuquerque, $110,000. There were several other bids but they exceeded the appropriation, which was $112,000.

WASHINGTON, D. C.—Anderson and McShee, Winnemucca, Nevada, at $2383 submits low bid to Supervising Architect, Treasury Department, for a new mailing vestibule in the postoffice at Winnemucca, Nevada. Other bids were G. E. Wright, Inc., Chicago, $2980; C. R. Hill, Reno, $3297; Universal Const. Co., Fort Wayne, Ind. $2880; Geo. Griffin, St. Louis, Mo., $2970.

SAN FRANCISCO—Until April 12, 11 a. m., bids will be rec. by U. S. Engineer Office, 85 Second St., to construct concrete wier, near Fremont, Yolo county. Plans and spec. obtainable from above office.

WASHINGTON, D. C.—Until April 3, bids will be rec. by Bureau of Supplies and Accounts, Navy Dept., for fur. under Schedule No. 605, a miscellaneous quantity of plumbing fixtures.

MALTA, Montana—Until March 24, 2 p. m., bids will ba rec. by U. S. Reclamation Service, to const. structures on Vandalia Canal, Milk River project. Work is located in vicinity of Glasgow and Nashua, Mont., on Great Northern Rlwy., and involves 1500 cu. yds. excavation and backfill; 90 cu. yds. conc. 250 sq. yds. dry paving. Further information from above.

WASHINGTON, D. C.—Until March 28, 10:30 a. m., bids will be rec. by Panama Canal Commission, under Circular No. 1518, for fur. and del. Balboa Pacific Port: automatic refrigerating plant; Parsons brass, steel and manila rope, portable hand drills, valves, lubricating oils, burning oil, brass tubing, window glass, paints, varnishes, remover (paint, varnish and enamel), raw linseed oil, enamel, white lead and zinc, lime, tackle blocks, scoop shovels, rubber air hose, rubber packing, corn brooms, tar brushes, ready roofing, canvas polishing wheels, reed baskets, emery cloth, coap, bristolboard, & lumber. Copies of apec. may be obtained from Assistant Purchasing Agent, Fort Mason, San Francisco.

TEHAMA CO., Cal.—See "Sewers & Street Work," this issue, Red Bluff-Susanville road project in Lassen Natl. Forest.

WASHINGTON, D. C.—Until April 3, bids will be rec. by Bureau of Supplies and Accounts, Navy Department, under Schedule No. 603, for furnishing Mare Island, Calif., Navy Yard: 6000 lbs. copper wire and 1000 lbs. copper tubing.

WASHINGTON, D. C. — Healy-Tibbetts Const. Co., 64 Pine St., San Francisco, at $1.8375, time for completion 240 days, submits low bid to Bureau of Yards and Docks, Navy Departmet, uder Spec. 4775, for riprappig longitudinal dike at Mare Island, Calif. Navy Yard. Blake Bros., Balboa Bldg., San Francisco only other bidder at $2.04, time for completion 75 days.

YOLO COUNTY, Calif.—As previously reported, bids will be rec. by U. S. Engineer Office, 85 2nd St., San Francisco, until April 12, 11 a. m., to construct concrete weir near Fremont, Yolo county. The project involves approx. 30,000 cu. yds. concrete; 47,000 tons rip-rap; 15,000 cu. yds, gravel and 260,000 cu. yds. excavation. Further information will be furnished on application to above office.
Specifications on file in office of Larsen Construction Reports, 560 Mission Street, San Francisco and may be seen by those interested.

SAN FRANCISCO — San Francisco General Intermediate Depot, Quartermaster Section, Fort Mason, announces it will sell on March 29, 11 a. m., to the highest bidder, the following floating equipment, located at Paradise Cove, San Francisco: U. S. A. Tanker No, 1, concrete oil tanker with power tonnage dead weight 3500 tons, length B. P. 300 ft., length O. A. 310 ft. 3 in., Beam 44 ft., Depth 24 ft. 6 in., Draft (loaded) 20 ft. 4 in., built by Newport Shipbuilding Co., New Bern, N. C., Dec. 1920. Hull concrete, deck concrete, ballaat none, engines triple expansion, 1350 L. H. P., 19x32x56x36, 2 boilers, 2900 sq. ft. water tube type, made by Babcock & Wilcox Co.; fuel oil tank capacity 8100 W. ft. 215 tons, speed 9 knots, cargo capacity 3600 tons fuel oil; condition good.
Located at Fort Baker, Calif: Junior Mine Planter "1at Lieut. Harold C. Douglas," length 102 ft.,; beam 22 ft.; depth 12 ft.; wood hull, single screw, water tube boilers, Marine compound engine, size 13-in. x 26-in. x 18-in., Westinghouse Turbine, 7½ K. W., built 1919, Rocky River, Ohio. Material wood, coal burner, condition good.

HALLS AND SOCIETY BUILDINGS

Plans Completed.
AUDITORIUM Cost, $100,000
MARYSVILLE, Yuba Co., Cal.
Two-story concrete and steel American Legion Memorial Auditorium.
Owner—Yuba County.
Architect—Miss Julia Morgan, Merchants Exchange Bldg., S. F.

Work Started.
DANCE HALL Cost, $20,000
GUERNEVILLE, Sonoma Co., Cal.
Frame dance hall.
Owner—L. S. Murphy.
Architect—Miller & Warnecke, Perry Bldg., Oakland.
Contractor—W. L. Proctor, 517 5th St., Santa Rosa.

Plans Being Prepared.
LODGE BLDG. Cost, $12,000
BRENTWOOD, Contra Costa Co., Cal.
Two-story hollow tile lodge building.
Owner—Brentwood Masonic Hall Ass'n.
Architect—Jas. T. Narbett, 910 Macdanold Ave., Richmond.

VANCOUVER, Wash.—Until April 7, 1 P. M., bids will be rec. by Walter G. Gleeson, Sec'y., Oregon-Washington Pythian Home Corp., 388 Yamhill St., Portland, Ore., to erect two-story, basement and attic reinforced concrete residential home, from plans of Architects Knighton & Howell, U. S. Bank Bldg., Portland. Segregated bids are wanted for general construction, plumbing, heating and electric work. Plans obtainable from architects on deposit of $25.

LOS ANGELES, Cal.—Archts. Corwin & Merrill, 504 Douglas Bldg., L. A. are preparing plans for a 2-story Masonic Temple bldg. at n. e .cor. 41st Pl. and Figueroa St., for Palestine Lodge, F. & A. M., No. 351; will contain 6 stores on 1st fl., lodge rms., kitchen and banquet hall on 2nd. Brick, 62 x127 ft. Cost, $60,000.

VISALIA, Tulare Co., Cal. — Tulare County Building Trades Council plans to erect $200,000 labor temple at corner of Locust and Acequia Sts. Option has been taken on property and building organization will be formed to finance construction.

HOSPITALS

Figures To Be Taken In Three Weeks.
COTTAGE Cost—
LIVERMORE, Alameda Co., Cal., 45 acres adjoining Arroyo Sanitarium "Del Valle Farm"
One-story frame cottage to house 25 children, 1st unit of children's outdoor farm (cottages, swimming pool,, tennis courts, etc.)
Owner—Alameda County Anti-Tuberculosis Assn., 3105 Grove St., Oakland.
Architect — Henry H. Meyers, Kohl Bldg., San Francisco.
The first unit will cost about $20,000.

HANFORD, Kings Co., Cal.—Until April 5, 10 a. m., bids will be rec. by E. F. Pickerill, county clerk, (1) to const. nurses' home; (2) to remodel county hospital; (3) for plumbing and heating in nurses, home. Cert. check 10% payable to chair bd. of supervisors req. Plans obtainable from office of county clerk. **See call for bids under official proposal section in this issue.**

HILLSBORO, Ore.—Until March 24, bids will be rec. by Architect E. E. McClaran, Exchange Bldg., Portland, Ore., to erect two-story and basement concrete and mill hospital, 34x130 ft., at Hillsboro for Washington County. Plans obtainable from architect.

YERINGTON, Nevada—Lyon County Commissioners pass resolution seeking introduction of bill in the State Legislature enabling the county to dispose of bonds of $10,000 to finance construction of a county hospital.

HOTELS

Preliminary Plans Prepared.
HOTEL Cost, $——
PORTERVILLE, Tulare Co., Cal. Hockett and West Putnam Sts.
100-room fireproof hotel.
Owner—Building Organization to be formed, headed by Robt. Kendal, Pioneer Hotel, Porterville.
Architect—Ernest J. Kump Co., Rowell Bldg., Fresno.

LOS ANGELES, Los Angeles Co., Cal.—Architect H. W. Charlton, 332 San Fernando Bldg., is preparing plans for a four-story Class C brick and terra cotta hotel building to be erected at 1043 W. 6th St., for H. A. Stange.

HOQUIAM, Wash.—Commercial Club backs movement to campaign for $300,000 to finance construction of a new hotel building at Seventh and I Streets.

PORTERVILLE, Tulare Co., Cal.—Robt. Kendall, Pioneer Hotel, Porterville, backs movement to organize stock company to finance construction of four-story fireproof hotel building to be erected at the corner of Hockett and West Putnam Sts. Preliminary plans for the structure have been prepared.

LOS ANGELES, Los Angeles Co., Cal.—Bushnell & Palmer, 517 Grosse Bldg., have the contract to erect a four-story and basement Class A store and hotel building on Sevents St., between San Julian and Wall Sts., for the Sherman Investment Co. Chas. F. Whittlesey, Hillview Apts., archt. Dimensions, 58x125 ft., 173 rooms, reinforced concrete construction, paster exterior. Cost, $100,000.

LOS BANOS, Merced Co., Cal.—Hotel Committee of Chamber of Commerce is considering preliminary plans and means of financing offered by Architects and Engineers Cowell & Mayo, Merced and 21 S-San Joaquin St., Stockton. Preliminary plans provide for a structure costing $125,000, to be of reinforced concrete construction, four stories in height with stores on the ground floor, the upper floors to contain approximately 64 rooms.

WILMINGTON, Los Angeles Co., Cal.—J. C. Burch, route 1, box 143, Hynes, Los Angeles, has a contract to erect a three-story and basement brick and steel hotel building at Anaheim Rd. and Friese St., Wilmington, for Mr. Breen. Sixty rooms, public baths and showers, foundation, 36x136 ft., cafe, kitchen, laundry and barber shop in basement, red ruff brick exterior, hardwood floors, tile baths, incinerator, individual gas heaters, fire escapes. Cost, $100,000.

SAN LUIS OBISPO, San Luis Obispo Co., Cal.—J. L. Anderson will let contracts shortly for $5000 worth of electric fixtures for the $200,000 hotel which he is building at Monterey and Moro Sts.

SAN BERNARDINO, San Bernardino Co., Cal.—H. D. Clark and J. B. Monnette, of Los Angeles, have submitted to the Chamber of Commerce a project they have in view for the building of a $400,000 hotel. The bldg. itself would cost about $300,000. The project will hinge on the subscription of $150,000 by local people. Mr. Clark has been mgr. of various clubs in Los Angeles.

POWER PLANTS

TEHAMA, Glenn, Colusa Counties, Cal.—Ralph W. Van Orden, consulting engineer, Mills Bldg., San Francisco, completing plans for $2,500,000 hydro-electric project, to develop 18,629 T. H. P. in Tehama, Glenn and Colusa counties for interests backed by P. B. Cross. Permission has been granted by the Division of Water Rights, State Department of Public Works, to appropriate 150 cu. ft. of water per sec. jects. Deer Creek, where Wild Cat in Tehama county, to develop the projects. Dee Creek, where Wild Cat Creek enters, will be the site of the power plant. The power is intended for the Provident Irrigation District in Glenn County.

PORTERVILLE, Tulare Co., Cal.—Pacific Gas and Electric Co., 445 Sutter St., San Francisco, appropriates $690,000 to improve system in Porterville district.

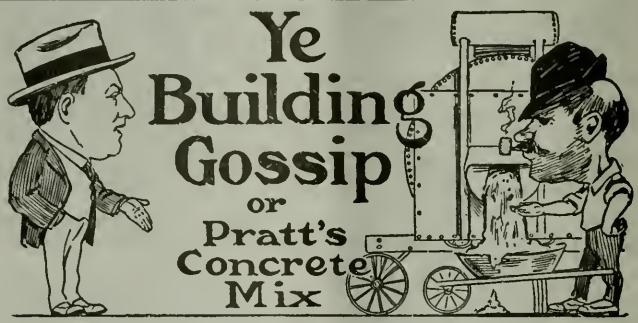
Of this amount, $460,000 will be spent in the high Sierras for improvements in the transmission lines which bring power into Porterville. It is planned to add 125,000 horsepower to the Porterville system during the year. Other expenditures planned are: $700,000 for extension of lines to add to new business; $50,000 for new substation in Porterville; $20,000 to improve the Woodville substation; $5000 for office improvement and $2300 for the erection of a company store. R. R. Walbridge, Porterville, is district representative for company.

MARYSVILLE, Yuba Co., Cal.—E. C. Johnson, division manager of Pacific Gas and Electric Co., 445 Sutter St., will const. mile of power line in vicinity of Rio Oso and will extend 1½-mi. along county road near O'Banion Corners in addition to a 3-mi. extension southwest of Wheatland. Approx. $15,000 has been appropriated for the improvements.

SEATTLE, Wash.—John A. Roebling & Sons Co., at $20,202.60 awarded cont. by Bd. Pub. Wks. to fur. 616,000 ft. strand wire for Skagit transmission line.

Westinghouse Electric Co., at $23,032 awarded contract for crossarms for line.

Westinghouse Elec. & Mfg. Co., at $253,000 awarded cont. for fur. electrical machinery and equipment for north sub-station, Skagit project.



PRATT ORGANIZES NEW ROCK BUSINESS

Clarence F. Pratt, president of the Pratt Building Material Company, with offices at San Francisco, Sacramento, Marysville and Prattco, Monterey County, announces a new $200,000 enterprise. Pratt, who is at the head of one of the largest sand producing concerns in California, is going to build and operate under the name of Pratt Rock & Gravel Company a large rock and gravel crushing plant between Sacramento and Folsom and near the Placerville branch of the Southern Pacific Company. The new company will crush the boulders and rocks thrown up by the dredgers in the Folsom district. Spur tracks will be laid and the most modern machinery will be installed to give the rock plant a capacity of twenty-five to fifty carloads per day.—San Francisco Bulletin.

MANY PEOPLE ask.
• • •
WHERE CLARENCE Sand Pratt, President.
• • •
OF THE Pratt Building Material Co.
• • •
DOUGLAS 300—"easy to remember."
• • •
IS GOING.
• • •
TO SECURE the money.
• • •
TO BUILD the above plant.
• • •
BUT THEY forget.
• • •
THAT SANDY Pratt.
• • •
HAS THREE (sand) banks.
• • •
ONE IN Prattco, Monterey County.
• • •
AND SAND banks.
• • •
IN SACRAMENTO and Marysville.
• • •
AND "BANKS" need "rocks" (money).
• • •
AND THERE are 150 acres.
• • •
OF "ROCKS."
• • •
ON THE new property.
• • •
OF THE Pratt Rock & Gravel Co.
• • •
NEAR FOLSOM.
• • •
SO THAT is the way.
• • •
SANDY PRATT will build.
• • •
A WONDERFUL rock crusher.
• • •
EXCEPT THAT a few.
• • •
OF HIS friends.
• • •
ARE GOING to share.
• • •
SOME OF the profits.
• • •
BY BECOMING stockholders.
• • •
IN THE new rock company.
• • •
WHOSE PRODUCT.
• • •
WILL BE sold.
• • •
ALL OVER California.
• • •
BY THE Pratt Building Material Co.

This photo shows a scene in the financial district of Sacramento. Here is Mr. I. C. U. R. Wise, who bought stock in Sandy Pratt's new rock and gravel company and is carrying his "rocks" (dividends) to Sandy's (sand) Bank on the American River at Sacramento.

MODESTO, Stanislaus Co., Cal. — A favorable report has been received by the directors of the Modesto Irrigation District from State Engineer W. F. McClure on the district selling $298,400 bonds, already voted, to finance construction of a power distributing system.

SHASTA COUNTY, Calif.—Construction of Pit No. 3 power plant of the Pacific Gas and Electric Co., 445 Sutter St., San Francisco, has been authorized and construction will be started in 30 days. Development is below the 93,000 h. p. Pit No. 1 power house on Pit river in Shasta county. Project includes extension of Pit river railroad to branch off at Clayton Valley about 12 mi. on Bartle side of Pit No. 1 plant, following river south a distance of 5 mi. to point of dam site from which it will continue another 5 mi. to powerhouse site. Prior to constructing permanent dam company will const. temporary diversion dam and tunnel to allow for changing river to facilitate construction of permanent dam, which will be about 125 ft. high to back waters of Pit river up approx. 3 mi. From the dam the tunnel will be constructed some 22,700 ft. Outlet will be at a point approx. 300 ft. above water. Powerhouse equipment will generate 100,000 h. p.

VENICE, Cal.—So. Cal. Edison Co. will expend approx. $408,000 during 1923 for improvements to its system in the Venice district. Of this, $270,000 will be expended on power lines from the Sierra power plants and $138,000 for actual work in the Venice territory. The new work will provide for 2500 additional houses, 5 new factories and an increase of 12,000 in population.

FULLERTON, Cal.—So. Cal. Edison Co. has appropriated about $300,000 to be expended on improvements and betterments in the Fullerton, La Habra, Brea, Placentia and Yorba Linda dist.

MONROVIA, Cal.—So. Cal. Edison Co. will expend approx. $156,000 on improvements to its lines and service in this district. This territory is served by the high Sierras power plants, for which about $12,000,000 has been appropriated.

SANTA BARBARA, Cal. — So. Cal. Edison Co. will expend approx. $81,000 for extension of its lines in Santa Barbara during 1923. A sub station is planned at Carpinteria costing $60,000, and renewals in this district will amount to $22,500. A total of $241,000 has been appropriated for Santa Barbara and vicinity.

SOLVANG, Cal.—Plans are being formulated by the townspeople to provide a power plant for elec. lighting at Solvang, Santa Barbara county.

PUBLIC BUILDINGS

Figures To Be Taken In Three Weeks.
ADDITION Cost, $40,000
OAKLAND, Alameda Co., Cal., 18th & Poplar Sts.
Two-story reinforced concrete addition to Detention Home (Juvenile Court cells, etc.)
Owner—Alameda County.
Architect—H. H. Meyers, Kohl Bldg., San Francisco.

NAPA, Napa Co., Cal.—M. G. West Co., 115 Front St., San Francisco, at 350 awarded cont. by council to install metal filing equipment in city hall for Water Dept. M. M. Haas Co., Napa, bid $320 but failed to specify time of delivery.

SAN FRANCISCO—Jamestown Metal Desk Co. at $582.50 awarded contract by supervisors to fur. and install 5 metal book racks in County Clerk's office.

NAPA, Napa Co., Cal.—F. L. Tessin, Napa, at $1150 awarded contract by supervisors to paint courthouse. C. J. Trost bid $1750 and Raphael Zelinsky, $1650

HANFORD, Kings Co., Cal.—County supervisors are considering preliminary plans for a new detention home. Early construction is contemplated.

NAPA, Napa Co., Cal.—E. W. Doughty, Napa, at $2485 awarded contract by supervisors to make plumbing repair in county courthouse. Coffield and Arnitz bid $2690. a

INDEPENDENCE, Inyo Co., Cal. — Nelligan and Morris at $748 submit low bid to supervisors to paint county jail. P. A. Kinzel bid $770. Bids rejected as being excessive and bids ordered readvertiaed.

RESIDENCES

Contract Awarded.
RESIDENCE Cost, $15,200
STOCKTON, San Joaquin Ca., Cal. Lot 18 and E ½ Lot 19 Blk 3, Northcrest.
Residence and garage.
Owner—Pat J. Connolly, Lower Sacramento Road, Stockton.
Architect—None.
Contractor—H. E. Allen.

Contract Awarded.
DWELLING Cost, $12,260
SACRAMENTO, Cal. No. 1124 44th St.
Two-story 10-room dwelling and garage.
Owner—Wm. A. Sitton, 1401 36th St., Sacramento.
Architect—None.
Contractor—Jas. T. Ransdall, 1066 41st St., Sacramento.

Contract Awarded
RESIDENCE Cost, $12,950
SAN MATEO, San Mateo Co., Cal. Bellevue Avenue.
One-story frame and stucco residence.
Owner—Herny E. Strout, 15 Barriolhet St., San Mateo.
Architect—Chas. E. J. Rogers, Phelan Bldg., San Francisco.
Contractor—S. A. Wisnom. A and 2nd Sts., San Mateo.

Contract Awarded.
RESIDENCE Cost, $18,382
SAN JOSE, Santa Clara Co., Cal. Lots 11 and 12 Blk 12, Hanchett Tract.
One-story frame and stucco residence and garage.
Owner—Grace Lord Pomeroy.
Architect—A. P. Hill, Palo Alto.
Contractor—Geo. Lindblom, 471 W-San Carlos St., San Jose.

Contract Awarded.
DWELLING Cost, $16,000
PIEDMONT, Alameda Co., Cal. No. 12 Sea View Ave.
Two-story 10-room frame dwelling and garage.
Owner — Adeline S. King, 100 Manor Drice, Piedmont.
Architect—None.
Contractor—E. T. Leiter, 47 Call Bldg., San Francisco.

Plans Being Prepared.
RESIDENCES Cost, $70,000
SAN FRANCISCO. Francisco St. near Van Ness Avenue.
Eight two-story frame and stucco buildings (Residence Court, 8 6-room and 8 4-room).
Owner—Withheld.
Architect—R. R. Irvine, 507 New Call Bldg., San Francisco.

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Segregated Figures Being Taken.
RESIDENCES Cost, $150,000
SAN FRANCISCO, West side Lyon St. at foot of Green.
Six 2-story and basement & attic frame duplex residences with terraced gardens and other formal effects.
Owner—Carlo Matrala.
Architect — August G. Headman, Call Bldg., San Francisco.
The grading has been awarded to Owen McHugh, Russ Bldg. Bids for the remaining of the work will be segregated.

Contract Awarded.
Residence Cost, $12,429
OAKLAND, Alameda Co., Cal. Grand Ave. Heights By-the-Parks Block H Lot 1.
Two-story frame residence.
Owner—Alvin W. Baker, Bacon Bldg., Oakland.
Architect — Walter J. Mathews, 927 Broadway, Oakland.
Contractor—J. F. Maganini, 603 36th Ave., Oakland.

Contract Awarded.
RESIDENCE Cost, $14,787
PIEDMONT, Alameda Co., Cal., Piedmont Park Lot 8 Revised subdivision Lot 15 Blk G.
Two-story frame residence.
Owner—Adelaide S. King.
Architect — E. A. Mathews & H. G. Simpson, Call Bldg., S. F.

Sub-Figures Being Taken—To be Done by Day's Work.
BUNGALOWS Cost, $3500 each
PITTSBURG, Contra Costa Co., Cal.
Twenty one-story 4 and 5-room frame bungalows.
Owner—C. A. Hooper & Co., 274 5th St., Pittsburg, Cal.

Contract Awarded.
RESIDENCE Cost, $16,000
BERKELEY, Alameda Co., Cal. No. 2701 Belrose St.
Two-story 10-room frame residence.
Owner—R. G. Holabird.
Architect—B. G. McDougall, 318 Bush St., San Francisco.
Contractor—E. T. Leiter & Sons, 407 Call Bldg., San Francisco.

SCHOOLS

Plans Being Figured—Bids Close April 7, 1923.
SCHOOL Cost, $——
MOUNTAIN VIEW, Santa Clara Co., Cal.
Heating, ventilating, plumbing, painting tile work, masonry work and blackboards.
Owner — Mountain View Union High School District.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
Contracts for the balance of the work were awarded about two weeks ago.

Plans Being Figured—Bids Close April 3, 7 P. M.
SCHOOL BLDGS. Cost, $——
TAFT, Kern Co., Cal.
Group of reinforced concrete high school buildings (shops, auditorium and gymnasium buildings).
Owner—Taft Union High School Dist., E. W. Nisbet Jr., Clerk.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
See call for bids under Official Proposal section in this issue.

Additional Contracts Awarded.
SCHOOL Cost, $235,000
CROCKETT, Contra Costa Co., Cal.
Two-story brick and concrete elementary school (24 classrooms, auditorium, kindergarten, domestic science and manual training department, etc.)
Owner—Carquinez School District.
Engineer—A. A. Brown, % Matson Navigation Co., 120 Market St., San Francisco.
General work including excavation, concrete work and carpentry to Trobock & Cress, 180 Jessie St., San Francisco, $99,700.
Lathing and plastering to Wm. Makin 1048 Excelsior St., Oakland, $24,400

Plans Being Figured—Bids Close April 2, 1923.
SCHOOL BLDG. Cost, $80,000
MODESTO, Stanislaus Co., Cal. N-Tenth Street.
One-story concrete and brick veneer high school building (1st unit).
Owner—Modesto Junior High School District.
Architect—W. H. Weeks, 369 Pine St., San Francisco.

Contracts Awarded—Three Bids Still Under Advisement.
SCHOOL Cost, $235,000
CROCKETT, Contra Costa Co., Cal.
Two-story brick and concrete elementary school (24 classrooms, auditorium, kindergarten, domestic science and manual training department, etc.)
Owner—Carquinez School District.
Engineer—A. A. Brown, % Matson Navigation Co., 120 Market St., San Francisco.
Grading awarded to Chas. Harlow, Jr., Mills Bldg., S. F. $6300.
Brick, hollow tile and terra cotta work to Hock & Hoffmeyer, 180 Jessie St., S. F., $22,475.
Architectural terra cotta to N. Clark & Son, 116 Natoma St., S. F., $3265
Tile roofing to Gladding-McBean Co., San Francisco, $3375
Painting to D. Zelinsky, 422 Turk St., San Francisco, $5937.
Glass & Glazing to Cobbledick-Kibbe Co., 175 Jessie St., S. F., $3245.
Sheet metal work to Heidt Cornice Co., 152 First St., San Francisco, $1978.
Plumbing to Thos. R. Catton, 351 12th St., Oakland, $10,187.
Composition roofing to H. C. Brown Roofing Co., 3267 San Pablo Ave., Oakland, $1152.
Linoleum to Bonded Floor Co., S. F., $2286.
Heating to Scott Co., 381 11th St., Oakland, $13,774.
Electric work to King Elec. Co., 877 38th St., Oakland, $5833.
Ornamental iron to Monarch Iron Wks., 262 7th St., S. F., $2187.
Metal windows to Detroit Steel Products 251 Kearny St., $6660.
Tile work to Malott & Peterson, 2412 Harrison St., S. F., $1242.
Bids for the general work including excavation, concrete and carpentry work, the lathing and plastering and electric clocks are still under advisement.
Following are the lowest blds rec.:
General work including excavation, concrete work and carpentry to Trobock & Cress, 180 Jessie St., S. F., $99,700; (1) $465, (2) $3000, (3) $3582, (4) $9147, (5) $995, (6) $836, (7) $3500, (8) $2666.
Lathing & plastering to Wm. Makin, 1048 Excelsior, Oakland, $24,400.
Electric clocks to International Time Recording Co., S. F., $1093.

Plans Being Figured—Bids Close Mar. 31, 1923 2 P. M.
FIXTURES, ETC. Cost, $——
CONCORD, Contra Costa Co., Cal.
Special fixtures and furniture, window shades and linoleum for new high school.
Owner—Mt. Diablo High School Dist.
Architect—W. H. Weeks, 369 Pine St., San Francisco.

Plans Being Figured—Bids Close Mar 26, 1923, 1 p. m.,
SCHOOL Cost, $—
COVELO, Mendocino Co., Cal.
One-story concrete school.
Owner—Round Valley Union Grammar School District, G. M. Biggar, Covelo, clerk.
Architect—Norman R. Coulter, 46 Kearny St., S. F.
Bond to the amount of $40,000 have been voted.

LOS ANGELES, Cal. — J. F. Kobler, 918 W 8th St., was awarded the gen. contr at $71,142 for erecting new 51st St. school bldg.; Albert C. Martin, 430 Higgins Bldg., Archt. The contract was awarded on the original bid of $79,103 with deductions of $4084 for omitting Tufa stone and $4177 for wood fls., instead of conc. Other contracts awarded were: painting to H. H. Mann at $1448, plumbing to Ashworth & Gallop at $4935; steam heating to J. Holkom at $6734; and wiring to Graham Electric Co. at $2763.

CHINO, San Bernardino Co., Cal.—Campbell Constr. Co., Ontario, submitted low bid at $52,606.85 to trustees of Chino high school for general contr. for constructing new Chino high school bldg. on Riverside Dr., near Sixth St. Plans by Archt. John C. Austin and Frederic H. Ashley, archts., and George M. Lindsey assoc. archt. Other low bids were: O. L. Cassidy, on plumbing at $2587; Hammel Radiator co. were low on gas steam heating at $1065, and Potter Radiator Corp. on hot air at $940; Alhambra Wall Paper & Paint Co. on painting at $2970; Pomona Fixture & Wiring Co. on wiring at $1800; Pacific Elec. Clock Co., on clocks and bells at $725; and Carcio & Nelson appeared low on electric fixtures at $299.50 with no alternates.

BEND, Ore. — Bend and Harper school districts have voted to organize union high school district and will construct a $200,000 high school, plans for which are being prepared by Lee Thomas, architect, U. S. Bank Bldg., Portland, Ore.

PORTERVILLE, Tulare Co., Cal.—Following bids taken under advisement by grammar school trustees to remodel high school for grammar school purposes: Barkclew & Gould, Tulare, $17,256; Miller & Wyatt, Fresno, $17,500; W. P. Taylor bid $9,690 for remodeling only and Fred Stone $5,770 for heating and plumbing. Glass & Butner, Architects, Cory Bldg., Fresno.

LOS ANGELES, Los Angeles Co., Cal.—H. H. Hinds, 351 S. Hoover St., was awarded the general contract at $188,334 for erecting new school buildings at Brooklyn Ave., Atwater Ave. and Woodcrest school sites. Thos. Franklin Power, Tajo Bldg., is the architect. The contract was awarded on the original bid of $178,350 for the three buildings with additions of $8544 for concrete floors and $2100 for double hung windows and a deduction of $220 for Yale & Towne hardware. Other contracts awarded were: Painting to Arenz-Warren Co. at $7500; plumbing to Ashworth & Gallop at $17,994; the bids for heating the Brooklyn Ave. school were rejected and will be re-advertised together with the other two schools. The buildings will contain 12 rooms each; reinforced concrete construction, plaster exterior, cast stone trim, tile roofing.

SEDRO WOOLEY, Wash.—Architects Stephen, Stephen & Brust, New York Block, Seattle, complete plans for $125,000 high school to be erected for Union High School District No. 4. Bonds of $150,000 to finance construction will be sold March 24.

YREKA, Siskiyou Co., Cal.—Until April 6, 10 A. M., bids will be rec. by Leila E. Steele, Sect'y., Siskiyou Union High School District, to const. high school. **See call for bids under official proposal section in this issue.**

LOS ANGELES, Los Angeles Co., Cal. Until 9 A. M., Mar. 30, bids will be rec. by the Los Angeles Board of Education for erecting a new school building on the 75th St. school site. A. S. Nibecker is the architect. Separate bids on general contract, plumbing, heating, painting and wiring. Building will contain 12 rooms, 1-story, and part 2-story, brick construction. Cost, $84,000.

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PORTLAND, Ore.—Bids will be asked within two weeks by School Directors to erect 12-classroom Gregory School in Siskiyou St., E-73rd and 74th Sts., from plans of Architect Richard Martin Jr., Exchange Bldg., Portland; est. cost, $200,000. This is first unit of 24-classroom school.

LOS ANGELES, Los Angeles Co., Cal.—Until 9 A. M., Mach 28, bids will be received by the Los Angeles Board of Education for erecting a new school building at Glassell Park School site. Edw. C. Taylor, architect. Ellis W. Taylor, engineer. Plans and specifications may be obtained at the secretary's office, 730 Security Bldg. Bids will be taken separately on the general contract, plumbing, painting, heating and wiring. The building will contain 19 rooms and an auditorium to seat 350 people; 2-story, 186x66 ft., with two wings, 183 ft. long; brick constr., tapestry brick facing, clay tile roofing, maple and concrete floors, Tufa stone trim. Cost, $125,000.

PASADENA, Los Angeles Co., Cal.—Architects Allison & Allison, 1405 Hibernian Bldg., Los Angeles, are completing plans for the George Washington School on Monk Hill, Pasadena. There will be an auditorium, study hall, classrooms, cafeteria and manual training dept.; brick constr.; $200,000. Bids will be advertised for next week.

OLYMPIA, Wash.—Board of Education votes to construct $130,000 Washington school building in Eastside St., near 6th; will be two-story and basement fireproof. Architect not yet selected.

TORRENCE, L. A. Co., Cal.—Until 9 a. m., Mar. 28, bids will be received by the Los Angeles board of education for erecting two new bldgs and an addition at the Torrence high school site. Farrell & Miller, Western Mutual Life Bldg., L. A., archts. Plans and spec. may be obtained at the secretary's office, 730 Security Bldg. Bids will be taken separately on the general contr., plumbing, heating and painting. Auditorium bldg. to seat 600; 1-story, 56x116 ft., shop bldg., 1-story, 62x123 ft., and a 9-room addition to the present bldg. Crick constr., plas. exter., tile rfg., steel sash, reinf. conc. fls. and stairways.

VISALIA, Tulare Co., Cal.—Martin Construction Co., 1909 Fresno St., Fresno, at $67,500 awarded contract by Bd. of Education to erect 10-room Barnett school and Miller & Wyatt of Fresno at $27,000 for the four-room school in South Conyer St. Visalia Pulumbing Co., Visalia, at $7,000 awarded contract for heating and plumbing in both structures. Moth buildings will have brick exteriors. Bids to enlarge the Highland school were rejected as funds available were not sufficient to finance after awarding other two contracts. E. J. Kump & Co., architects, Rowell Bldg., Fresno.

LOS ANGELES, Los Angeles Co., Cal.—C. G. Wopschall, 350 S. Raymond Ave., Pasadena, was low bidder at $62,766 for the general contract to erect a four-room unit at the Lincoln grammar school, Pasadena. Parker O. Wright and Francis H. Gentry, Central Bldg., Los Angeles, and Marine Bank Bldg., Long Beach, are the architects and engineers. Other low bids were: South Pasadena Plumbing Co., plumbing, $6067; Franklin & Boyce, heating, $4490; J. F. Davis, painting, $2100; H. L. Miller, wiring, $2368. Bids referred to committee for report Mar. 16.

LOS ANGELES, Los Angeles Co., Cal.—The architectural dept. of the board of education, Edgar H. Cline, archt., has completed plans for the new Wilshire Junion High School buildings to be erected on McCadden Pl., betw. Wilshire Blvd. and 6th St. There will be two buildings, tach 2-story, 120x360 ft., and 64x145 ft., respectively. Brick constr., tile and comp. roofing, $360,000. The Board of Education will advertise for bids shortly.

PETALUMA, Sonoma Co., Cal. — Elementary School Board will ask bids to install fire escape on Washington Grammar school.

SANTA BARBARA, Santa Barbara Co., Cal.—F. J. Donnelly, 1072 North Wilton Place, Los Angeles, was awarded cont. by school board at $54,406 for direct syatem heating and ventilating for new high school bldg. Bids noted issue Mar. 9. Roland F. Sauter and Keith Lockard, Santa Barbara, and W. H. Weeks, San Francisco, assoc. archts.

CHINO, San Bernardino Co., Cal. — Campbell Constr. Co., Ontario, was awarded the gen. cont. at $52,756.85 for erecting a new auditorium bldg. at Chino High School; John C. Austin, 1125 Detwiler Bldg., and Geo. M. Lindsay, 327 Laughlin Bldg., assoc. archts. The contract was awarded on the original bid of $52,606.85 with an addition of $150 for an antique plastering. Painting was let to Alhambra Wall Papering & Paint Co. on original bid of $2970 with an addition of $53 for antique plastering. Electrical work was let to Pomona Fixture & Wire Co. at $1800 and plumbing was awarded to O. L. Cassiday, Pomona, at $2587. Bids for clocks, electric fixtures and heating were held under advisement.

LOS ANGELES, Los Angeles Co., Cal. Chester R. Hovey, South Pasadena, was awarded the general contract at $78,700 for erecting a new school building at Hermon School site: Hudson & Munsell, Douglass Bldg., as the architects. The contract was awarded on the original bid of $94,000 with deductions of $300 for flat slab construction and $15,000 for cast stene trim instead of Tufa stone. Other contracts awarded were: Plumbing to Arthur Hess at $6027; heating to F. Donnlly at $5895; painting to Heinsbergren Decorating Co. at $3000 and wiring to American Electric Constr. Co. at $2779. Brick construction, 1-story, 139x116 ft., basement, composition roofing, maple and cement floors, cast stone trim.

LOS ANGELES, Los Angeles Co., Cal. —H. H. Hinds, 351 S. Hoover St., was awarded the general contract at $86,-900 for erecting a new school building at Second St. school site. Chas. M. Hutchison, Security Bldg., Architect. Other contracts awarded were: Plumbing to Ashworth & Gallop at $5795; heating to L. Z. Brown at $7095; and painting to E. Drawbaugh at $3100. The building will contain 16 rooms, brick construction, ruffled brick facing, slate roofing.

LOS ANGELES, Cal.—J. F. Kobles, 918 W 8th St., was low bidder at $79,-403 on the general contract for erecting a new bldg. at 51st St. school site. Albert C. Martin, 430 Higgins Bldg., L. A., archt. H. H. Mann was low bidder on painting at $1448. The bldg. will contain 14 units; 2-story, 102x162 ft., brick constr. The bids were: **General Contract**—J. F. Kobler, $79,403; R. H. Whinery, $79,790; J. D. Kneen Constr. Co., $79,875. **Painting** — H. H. Mann, $1448; Leo H. Hubbert, $1574; Parker-Judge Co., $1745; Alhambra Wall Paper & Paint Co., $1825; R. E. Swan, $1880; Dresher & Heinbergen, Jr., $2133.

SANTA BARBARA, Santa Barbara Co., Cal.—J. Y. Parker, Santa Barbara, ws awarded contract by Board of Education at $31,580 for constructing gymnasium and at $12,146 for a four-classroom addition to the new high school. Messrs Sauter & Lockard, 3 san Marcos Bldg., and W. H. Weeks, 369 Pine St., San Francisco, are the architects. Plumbing and heating on the new high school are still under advisement.

SANTA BARBARA, Santa Barbara Co., Cal.—Bids received by Board of Education for plumbing work in new high school building were: Sweeney & Sons, $50,740; F. J. Donnelly, $50,-996; Ott Hardware, $54,975. A San Francisco firm submitted a fourth bid which was not available. Sweeney & Sona submitted low original bid but there were twelve alternatives one of which specified deduction for the omission of four classrooms. It is probable that the work will be awarded to Donnelly on the basis of his alternates. The matter has been taken under advisement by the board ana the architects, Messrs. Sauter & Lockard.

LOS ANGELES, Cal.—J. F. Kobler, 918 W 8th St., was low bidder at $101,-997 on the general contract for erecting a new school bldg. on Van Nesa school site. Noerenberg & Johnson, 401 L. A. Ry. Bldg., archts. Low bidder on other contracts were: Davidson & Cameron on plumbing at $7016; L. Z. Brown on heating at $8879; R. E. Swan on painting at $3760; and American Electric Constr. Co. on wiring at $3,-708.80. The bldg. will contain 19 units, 2-sto., 160x180 ft., with a 1-sto. kindergarten bldg., 36x76 ft.; brick constr. Tufa stone trim, slate rfg., maple fls., pine trim, steam htg. The blds were: **General Contract**—J. F. Kobler, $101,997; K. R. Bradley Constr. Co., $103,982; J. C. Bannister, $107,250; Boone Construction Co., $107,685; J. A. Hill Constr Co., $107,900; Royce H. Heath, $112,000; R. H. Whinery, $109,000; Wm. Stacko, $114,500; Clark Bros., $114,979; Pozo Constr. Co., $115,000; Darrell Condley Co., $116,963; L. A. Bldg. & Contracting Co., $118,637; Walter Slater Co., $117,-000; Huber Construction Co., $126,480. **Plumbing**—Davidson & Cameron, $7016; E. W. Crowell Co., $7198; G. C. Sutton, $7380; W. S. Goodrich, $7927; H. E. Murray, $8130; Arthur Hess, $8997.49. **Heating**—L. Z. Brown, $8879; F. J. Donnelly, $9319; J. Hokom, $9572; Geo. A. Posthumus, $9600; Western Engineering & Const. Co., $9841; Thos. Haverty Co., $10,339; Arthur Hess, $10,607; Hunger & Hunger, $10,535; Franklin & Boyce, $11,779. **Painting**—R. E. Swan, $3760; D. Zelinsky & Son, $3795; H. H. Mann, $3994; Leo H. Hubbert, $3868; Dresher & Heinsbergen, Jr. $3898; Morgan McCarthy Paint Co., $3900; E. Drawbaugh, $4050; Alhambra Wall Paper & Paint Co., $4200; A. Quandt & Son, $4435. **Wiring** — American Elec. Constr. Co., $3708.80; W. H. Nicholas Elec. Co., $3780.

LOS ANGELES, Cal. — Pozzo Constr. Co., 421 Macy St., was low bidder at $111,110 on the general contr. for erecting a new bldg. at Laurel school site. Thos. Franklin Power, 307 Tajo Bldg., L. A., archt. Low bidders on other contracts were: American Elec. Constr. Co. on wiring at $3832; Davidson & Cameron on plumbing at $7698; Franklin & Boyce on heating at $10,124; and Dresher & Heinsbergen, Jr. on painting at $4360. The bldg. will contain 21 units reinf. conc. constr., stucco exter., tile roofing.

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GARDEN GROVE, Orange Co., Cal.—Until 12 noon, April 7th, bids will be received by the Garden Grove Grammar school building at Garden Grove. Bids will be received on general and segregated contrs. Plans by Arthur G. Lindley and Chas. R. Selkirk, assoc., 801 American Bank Bldg., L. A. Will consist of 2-sto., auditorium to seat 700, with two 1-sto. wings to contain 8 class rma., domestic science and manual training depts., hollow tile & brick walls.

LOS ANGELES, Cal.—K. R. Bradley, 1925 E 16th St., was low bidder at $86,-846 on the general contr. for erecting a new school bldg. at Ramona school site. Lyman Farwell, archt. Low bidders on other contrs. were E. W. Crowell on plumbing at $7383; Franklin & Boyce on heating at $4060; Leo H. Hubbert on painting at $1993; and W. H. Nicholas Co. on wiring at $2171. Bldg. will contain 7 rms., 2-sto. and basement 116x62 ft., brick constr.

LOS ANGELES, Cal.—Until 9 a. m., April 4, bids will be received by the L. A. board of education for erecting six new school bldgs. as follows:

Murchison St. school, n.w. cor. Murchison and St. Charles Sts., Frank D. Hudson, archt. Brick constr.; $90,000. Separate bids on general, plumbing, painting, heating and wiring.

Clifford St. school, 2147 Clifford St., C. F. Skilling, archt. Brick constr.; $64,000. Separate bids on gen., plumbing, heating, painting and wiring.

Addition at McKinley junior high school, 45th St., and McKinley Ave., Train & Williams, archts. Brick constr; $71,000. Separate bids on gen., painting, heating and wiring.

Lorena St. school, Lorena St., betw. 7th and Atlantic St., H. C. Deckbar, archt. Brick construction; $84,000. Separate bids on general plumbing, painting and wiring.

East First St. school, First St., bet. Mott and Savannah Sts., John P. Krempel and Walter E. Erkes, archts. Brick constr.; $56,000. Separate bids on general, plumbing, heating, painting and wiring.

Alessandro School, Riverside Dr. and Los Feliz Rd., Harlow M. Kimball, architect. Brick constr.; $84,000. Separate bids on general, plumbing, heating, painting and wiring.

Plans and spec. for above bldgs. may be obtained at secretary's office, 730 Security Bldg., L. A.

PASADENA, L. A. Co., Cal.—Until 5 p. m., Thursday, April 12, bids will be rec. by N. G. Felker, clerk of the Pasadena board of education, 521 Security Bank Bldg., Pasadena, for erecting an additional unit at the Altadena primary school. Bids will be opened about 8:30 a. m. Friday, April 13. Bids will be rec. for general contr., heating and electric wiring only. Plans by the architectural dept. of the Pasadena High School Instructor Beaudine. Brick constr.

BANKS, STORES & OFFICES

Contract Awarded.
STORE BLDG. Cost, $25,000
SAN FRANCISCO. SE Ellis and Fillmore Streets.
Two-story brick store building.
Owner—Joel Investment Co.
Architect—Reid Bros., 105 Monutgomery St., San Francisco.
Contractor—John Spargo, Russ Bldg., San Francisco.

Sub-Figures Being Taken for Plastering, Marble and Sheet Metal Work
ALTERATIONS Cost, $60,000
SAN JOSE, Santa Clara Co., Cal. Second and Santa Clara Sts.
Extensive alterations to four-story brick office and store building.
Owner—Albert Kearns, San Francisco.
Architect—Andrew Knoll, Hearst Bldg. San Francisco.
The exterior will be plastered, new store fronts installed, marble lobby, new plumbing, electrical work, painting, etc.

Plans Being Figured.
STORE BLDG. Cost, $40,000
SAN FRANCISCO, N Bush W Montgomery Street.
One-story brick store bldg.
Owner—Dunn & Williams & Geo. Roos.
Architect—S. Heiman, 57 Post St., S. F.

Plans Being Prepared.
BANK & STORE Cost, $35,000
SAN ANSELMO, Marin Co., Cal.
One-story brick bank and store bldg., (2 or 3 stores).
Owner—Bank of San Anselmo.
Architect—S. Heiman, 57 Post St., San Francisco.
NOTE:—An entire new building will be built instead of an addition as was first planned.

Commissioned To Prepare Plans.
BANK BLDG. Cost, $200,000 approx.
BERKELEY, Alameda Co., Cal., NE Shattuck Ave. and Center St.
One-story class A monumental bank building (terra cotta or stone facing)
Owner—First Berkeley Branch of the Mercantile Trust Co.
Architect—W. H. Ratcliff, First Natl. Bank Bldg., Berkeley.

Mechanical Equipment Contracts Awarded.
STORES & OFFICES Cost, $——
SACRAMENTO, Sacramento Co., Cal. SW Tenth and J Sts.
Thirteen-story Class A reinforced concrete store and office building.
Owner—California State Life Insurance Company.
Engineer—H. J. Brunnier, Sharon Bldg. San Francisco.
Architect—Geo. C. Sellon & Co., Mitan Bldg., Sacramento.
Contractor—Lindgren Co., Monadnock Bldg., San Francisco.
Mechanical Engineers—Leland & Haley Holbrook Bldg., San Francisco.
The contracts were awarded to Latourrette-Fical Co., 907 Front St., Sacramento, for all three portions of the mechanical equipment as follows:
Electrical work, $32,960.
The next two lowest bidders were: The Electrical Supply Co., at $34,760 and F. E. Newbery Co., at $35,660.
Plumbing, $37,600.
The next two lowest bidders were: Luppen & Hawley at $38,297 and Hateley & Hateley at $39,400.
Heating, $38920.
The next two lowest bidders were: Luppen & Hawley at $39,420 and Hateley & Hateley at $39,600.

Plans Being Prepared.
STORE BLDG. Cost, $40,000
SAN ANSELMO, Marin Co., Cal. Facing Railroad track.
One-story reinforced concrete store building (13 stores).
Owner—J. C. Raas, M. Esberg and J. K. Armsby.
Architect—S. Heiman, 57 Post St., San Francisco.

Plans Being Prepared.
ADDITION Cost, $40,000
SAN FRANCISCO, NE Market and Stockton Streets.
One-story Class C addition to present three-story store building.
Owner—Roos Bros.
Architect—S. Heiman, 57 Post St., San Francisco.

Contract Awarded.
BANK BLDG. Cost, $72,600
OAKLAND, Alameda Co., Cal. E. Fourteenth St. and Fruitvale Ave.
Two-story reinforced concrete bank building.
Owner—Central National Bank, Okd.
Architect—Wm. Knowles, Hearst Bldg., San Francisco and Central Bank Bldg., Oakland.
Contractor—E. T. Leiter & Son, Call Bldg., San Francisco, and 3601 West St., Oakland.

Plans Being Prepared.
OFFICE BLDG. Cost, $——
SAN JOSE, Santa Clara Co., Cal. S. First St. adjoining the T. & D. Theatre.
Five-story concrete store and office building (2 stories to be built at present).
Owner—F. L. Burrell.
Architect—Binder & Curtis, 255½ S. 1st St., San Jose.

Sub-Figures Being Taken—To Be Done By Day's Work.
STORE BLDG. Cost, $16,000
SAN FRANCISCO, S Geary St. E 21st Avenue.
One-story frame and brick veneer store building (5) stores.
Owner—I. Rummelberg.
Architect—C. O. Clausen, Hearst Bldg., San Francisco.

Contract Awarded.
REMODELING Cost, $30,930
STOCKTON, San Joaquin Co., Cal., Weber Ave., bet. Hunter and San Joaquin Sts. (Tretheway Bldg)
Complete remodeling of three-story brick hotel building.
Owner — Henry Cowell Estate, W. H. George, Mgr., 2 Market St., S. F.
Architect — Henry H. Meyers, Kohl Bldg., San Francisco.
Contractor—W. J. Scott, Poplar Ave., Stockton.
This contract was formally awarded to Robt. Beyrle, who failed to sign the contract and the contract was given to the next lowest bidder.

Sub-Figures Being Taken.
STORE BLDG. Cost, $40,000
OAKLAND, Alameda Co., Cal., 19th & Franklin Sts.
One-story reinforced concrete store bldg. (designed for 2 stories).
Owner—Sharon Estate.
Architect and Contractor — William Knowles, Hearst Bldg., S. F. and Central Bank Bldg., Oakland.

Plans Being Prepared.
ALTERATIONS Cost, $35,000
SAN FRANCISCO. No. 38 Sansome St.
Alter four-story and basement Class C office building (new front, etc.)
Owner—J. Brickell and Lester Loupe.
Architect—S. Heiman, 57 Post St., San Francisco.

Contract Let.
STORES & REPAIR Cost, $20,000
MERCED, Merced Co., Calif., 17th st.
Concrete and tile (2) stores and repairs to exterior walls of Hotel El Capitan.
Owner—J. H. Simonson, Merced.
Contractor — Davis-Heller-Pearce Co., Delta Bldg., Stockton, Calif.

Plans Being Prepared.
OFFICE BLDG. Cost—
SAN FRANCISCO, NE Powell & Sutter
Class C office bldg. (no. of stories not decided)
Owner—Chamberlain & Proctor, Mills Bldg., San Francisco.
Architect — Bakewell & Brown, 251 Kearny St., San Francisco.

Contract Awarded.
STORE Cost, $12,000
OAKLAND, S 12th St. 100 W Clay.
One-story brick store.
Owner—G. Mouniclot, 2744 Telegraph Ave., Berkeley.
Contractor—G. A. Scott, 685 23rd St., Oakland.

WENATCHEE, Wash.—Architect Albert Held, Spokane, Wash., preparing plans for two-story, 48x85 ft., fireproof bank to be erected in Wenatchee Ave. Est. cost, $100,000.

Phone Mission 2607
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Fire Protection Products Co.
FIRE DOOR EXPERTS
Kalamein, Copper and Bronze Doors and Trim
Ornamental Entrances
Sheet Metal Work of Every Description
CHAS. SCHULTHEIS, Mgr.
3117-3119 TWENTIETH STREET near Harrison St.
SAN FRANCISCO, CALIF.

Bids Being Taken for Excavating and Concrete Work.
OFFICE BLDG. Cost, $30,000
SAN FRANCISCO. W Valencia St. 92 S Sixteenth St.
Three-story Class B reinforced concrete store and office building (8 doctors' and dentists' suites of 2 and 3 rooms).
Owner—Fred Braun Co., 508 Valencia St., San Francisco.
Architect—John F. Beuttler, 110 Sutter St., San Francisco.
Segregated bids for the balance will be taken shortly.

Contract Let.
OFFICES, ETC. Cost, $30,000
STOCKTON, San Joaquin Co., Cal. American Street.
Two-story brick (annex) for publishing plant for offices, etc (cream colored brick facing).
Owner—Record Publishing Co. (Stockton Record), Record Bldg., Stockton, Cal.
Architect—None.
Contractor—J. A. Allen, 111 Kensington Way, Stockton.

Completing Plans—Segregated Figures To Be Taken In Ten Days.
WHOLESALE BLDG. Cost—
SAN FRANCISCO, Mission, Ecker and Jessia Streets.
Five-story and basement reinforced concrete store and wholesale bldg.
Owners—Miss Lucy H. and Miss Edith W. Allyne.
Architect—Reid Bros., 105 Montgomery St., San Francisco.
As reported before, the excavating has been awarded to The Carlin Grading Co., 180 Jessie St., San Francisco $4300.

Plans Being Prepared.
ALTERATIONS Cost, $60,000
SAN JOSE, Santa Clara Co., Cal., 2nd & Santa Clara Sts.
Extensive alterations to 4-story brick office and store bldg.
Owner—Albert Kearns, San Francisco.
Architect—Andrew Knoll, Hearst Bldg., San Francisco.
The exterior will be plastered, new store fronts installed, marble lobby, new plumbing, electrical work, painting, etc.

Plans Being Prepared.
STORE BLDG. Cost, $—
OAKLAND, Alameda Co., Cal., 17th St. and Broadway.
Two-story and mezzanine floor fireproof store bldg.
Owner—Walter D. Reed.
Lessee—Hudson Bay Fur Co.
Architect—Reed Corlett, Oakland Bank of Savings Bldg., Oakland.

LONG BEACH, L. A. Co., Cal.—Architects Curlett & Beelman, 408 Union Bank Bldg., L. A., are preparing plans for a 13-story and basement class A own-your-own office bldg., to be built at American Ave. and Third St., Long Beach. Walter Horne Co. and J. Clyde Lindsay are the fiscal agents. There will be stores in the first story and 336 offices in the upper stories; 80x120 ft., reinf. conc. constr., press. brick and terra cotta facing, plate glass, hardwood trim, marble and tile work, elevators, steam htg., vacuum cleaning. Est. cost, $900,000.

LOS ANGELES, Los Angeles Co., Cal.—The board of directors of the Chamber of Commerce adopted a resolution at a meeting recently declaring that C. J. Kubach Co., 701 Merchants National Bank Bldg., Los Angeles, was the lowest bidder and authorized the awarding of a contract to them, if satisfactory agreement is reached on prices for certain changes, for erecting the new Chamber of Commerce Building, on 12th St., extending from Hill St. to Broadway. The contract will include all work complete for the entire building. The building will be 8-story and basement, Class A constr. and will cost $2,000,000. John C. Austin, 1125 Detwiler Bldg., and John Parkinson, 420 Title Insurance Bldg., Los Angeles, assoc. architects.

CHOWCHILLA, Madera Co., Cal.—Chas. Kendrick will erect one-story hollow tile and brick store building at Third St. and Robertson Blvd. Will contain 4 stores, each having 25 ft. frontage.

SACRAMENTO, Cal. — Bids were opened on March 9 by the California State Life Insurance Company for the plumbing, heating and electrical work for their 13-story class A reinf. conc. store and office bldg. now under construction on the s.w. cor. of 10th and J Sts., Sacramento. They were taken under advisement for a few days. Plans for bldg. were prepared by Archt. Geo. C. Sellon & Co., Miltau Bldg., Sacramento and H. J. Brunnier, Sharon Bldg, San Francisco, prepared the engineering plans. The Lindgren Co., Monadnock Bldg., S. F., are the general contractors.

HEALDSBURG, Sonoma Co., Cal.—The officials of the Healdsburg National Bank have announced plans to spend some $60,000 in remodeling and modernizing the bank building.

The interior will be entirely altered. A mezzanine floor will be constructed and other features of change and enlargement will be added.

PHOENIX, Ariz.—Jay J. Garfield, Tucson, was awarded contract at $490,000 to erect the new 11-story and basement brick and terra cotta office and club building in Phoenix, for Geo. J. Luhrs & Sons. Herbert F. Brown, Tucson, bid $552,000. There were eleven other bids. Plans were prepared by Architects Trost & Trost, El Paso. There will be stores on the ground floor, offices for six stores and remaining four floors to be occupied by the Arizona Club.

THEATRES

Bids Opened.
THEATRE, ETC. Cost, $——
SAN ANSELMO, Marin Co., Cal.
Two-story concrete and steel theatre, store, office and hall building.
Owner — Tamalpais Community Associates, Inc.
Architect—S. Heiman & Harold Stoner, Associated, 57 Post St., S. F.

General Contract

Louis Cohen, 110 Sutter, S. F.	$ 97,800
Frank Allen	104,659
Monson Bros., S. F.	106,400
Vukicevich & Bagge, S. F.	107,800
J. Martinelli, S. F.	108,400
J. D. Liebert	111,000
Mission Concrete Co., S. F.	111,200
American Concrete Co., S. F.	118,000

Electrical Work

Butte Elec. & Mfg. Co., 534 Folsom St., San Francisco	$5881
Butte Elec. Eng. Co., S. F.	7540
Decker Elec Co., S. F.	8479
Beach Elec Co., S. F.	8800
Browne-Langley Co.	8998
Rex Elec. Co., San Anselmo	9020

Painting

D. Zelinsky, 422 Turk St., S. F.	$4600
A. Quandt, S. F.	4863
I. R. Kissel, S F	5079

Plans Being Prepared.
THEATRE & STORE Cost—
SAN FRANCISCO, S Union St., bet. Buchanan & Webster Streets.
One and 2-story class A & C theatre and store bldg (1800 seats in theatre) 282x137-6.
Owner—Samuel L. Levin.
Architect—Reid Bros., 105 Montgomery St., San Francisco.

As reported yesterday, the excavating has been awarded to the San Francisco Motor Drayage Co., 3417 16th St., at $7250.

SANTA BARBARA, Santa Barbara Co., Cal.—E. L. Mayberry, 472 Pac. Elec. Bldg., L. A., has been commissioned to prepare engineering plans for the new Lobero theatre to be erected at Santa Barbara for a syndicate of Santa Barbara and Montecito men. It will be rein. conc. and tile constr. and will cost $125,000. Geo. Washington Smith, Santa Barbara, archt.

LOS ANGELES, Cal.—Archt. G. Albert Lansbrugh, 700 Jr. Orpheum Bldg. L. A., has been commissioned to prepare plans for a class A theatre bldg. to be erected on Highland Ave., near Hollywood Blvd. for a local syndicate, represented by John M. Bowen, Van Nuys Bldg. The bldg. will cost $750,000.

MISCELLANEOUS BUILDING

Contract Awarded.
GYMNASIUM Cost, $12,000
SAN FRANCISCO, SE Belvedere and Waller Streets.
Three-story frame gymnasium.
Owner—Hamilton Methodist Episcopal Church.
Architect — Miss Julia Morgan, Merchants Exchange Bldg., S. F.
Contractor — J. H. Stephensen, 1525 Waller St., San Francisco.

Plans Being Prepared.
PUBLISHING PLANT Cost, $10,000
BYRON, Contra Costa Co., Cal. Byron Springs Highway and Mt. Diablo Blvd.
One-story hollow tile newspaper publishing plant, 100x60 (3 stores).
Owner—Byron Times.
Architect—E. B. Brown, Masonic Bldg., Stockton.

Contract Awarded.
SUMMER HOME Cost, $16,490
MENLO PARK, San Mateo Co., Cal. Escondite Tract near Menlo Park.
One-story summer home for little children.
Owner—Roman Catholic Archbishop.
Architect—Smith O'Brien, 742 Market St., San Francisco.
Contractor—Louis N. Pollard, 55 Brewster St., Redwood City.

Grading Bids Being Taken.
PUBLISHING BLDG. Cost, $——
SAN FRANCISCO. SW Fifth and Mission Sts., 160x275.
Three-story and basement reinforced concrete publishing building with 9 stores on 1-st floor.
Owner—San Francisco Chronicle (M. H. De Young).
Architect — Weeks & Day, California Insurance Bldg., San Francisco.

Figures will be taken on the balance of the work in about two months.

Contract Awarded.
BUILDINGS Cost, $45,700
OAKLAND, Alameda Co., Cal.
Class C employees cottage, women's shop bldg., power house & recreation building.
Owner—State of California.
Architect—State Architect, Geo. B. McDougall, Sacramento.
Contractor—F. W. Maurice 1362 E-22nd St., Oakland.

SEATTLE, Wash. — Architect John R. Nevins, Hoge Bldg., preparing plans for 3-story brick, mill and terra cotta stores, offices and apartment building to be erected for W. H. Britt at the n.w. corner of East 50th St. and University Way. Will contain 6 stores, 15 offices on 2nd floor and 10 apartments on third floor.

SAN FRANCISCO Cal.—Hannah Bros. 142 Sansome street, San Francisco, are taking sub-figures in connection with the construction of the following buildings, for which they have the general contracts.

A four-story and basement reinforced concrete store and lodge building for the Elks Lodge in Hollister, San Benito Co., from plans prepared by architects Shea and Shea, Chronicle Bldg., San Francisco.

A two-story and basement reinforced concrete store and loft building to be erected on the southeast side of Mission street, 133 feet northeast of Fifth street in San Francisco for S. & H. R. Mohr. Plans were prepared by Archt. W. H. Crim, Jr., 425 Kearny St.

The completion of a two-story reinforced concrete school building in Santa Rosa, known as the Lincoln School, from plans prepared by Archt. W. H. Weeks, 369 Pine Street, S. F.

PETALUMA, Sonoma Co., Cal.—Fair Committee of Chamber of Commerce will shortly order construction of several structures to house exhibits for county fairs to be held in immediate future. First unit, to be constructed this year, will cost $10,000. Other buildings will be ordered from time to time until $50,000 will be invested. W. B. Hopkins is chairman of Fair Committee.

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560 Mission St., San Francisco, Cal.

Send me Building and Engineering News for one year, commencing with next issue, for which I enclose check for $4.00 **(Remittance must accompany order)**

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Official Proposals

A call for bids published in this section indicates that bids are desired from other than local bidders Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

SEALED PROPOSALS

(Hydro-Electric Generating Unit)

Bids will be received by the City Council of the City of Sacramento in the Council Chamber of the City Hall on I Street, between the hours of **8:15 and 9:15 o'clock p. m., on Thursday, March 15th, 1923,** for the furnishing of one (1) direct-connected hydro-electric generating unit comprising a water motor direct-connected to an electric generator including certain control auxiliaries for use at the Municipal Camp of the City of Sacramento at Sayles Flat, in accordance with specifications on file in the office of the City Clerk.

All proposals must comply with requirements of the new Charter of the City of Sacramento, effective June 30th, 1921, and bidders are hereby cautioned that no bid which fails to comply therewith can be considered.

Bids must be submitted upon printed forms with instructions prepared by the City Clerk, copies of which will be supplied free upon application to the undersigned.

A certified check made payable to the City Controller or a cash deposit for an amount not less than five per cent (5%) of the aggregate of the proposal must accompany each bid.

A faithful performance bond amounting to fifty per cent (50%) of the amount of the order will be required of the successful bidder in accordance with the provisions of the City Charter and Ordinances and State Laws.

The right to reject any and all bids is reserved to the City by provisions of the Charter.

H. G. DENTON,
City Clerk of the City of Sacramento.

BIDS WANTED FOR CONCRETE CHURCH

NOTICE TO CONTRACTOORS

Sealed bids will be received at the office of Glenn Allen, architect, No. 37 South Aurora street, Stockton, California, up to **5 p. m., on the Twenty-seventh Day of March, 1923,** for the construction and completion of a First Church of Christ, Scientist, to be built in Stockton, California. Plans and specifications may be secured from the architect upon the deposit with him of the sum of twenty-five dollars ($25.00), which sum will be refunded upon the return of the plans and specifications, accompanied by a bona fide bid upon the form supplied by the architect. All bids must be accompanied by a certified check equal to ten per cent (10%) of the amount of the bid, to guarantee that the bidder will enter into a contract and furnish a satisfactory bond, should his bid be accepted. The owner does not obligate himself to accept the lowest or any other bid.

NOTICE TO CONTRACTORS

(Kings County—Nurses' Home and Hospital Repairs)

County of Kings, State of California.

Sealed proposals addressed to the Board of Supervisors of the County of Kings, State of California, and endorsed "Bid A: Proposal for the performance of all labor and the furnishing of all material in connection with the construction of a nurses' home at the Kings County Hospital, Kings County, California," "Bid B: Proposal for the performance of all labor and the furnishing of all material in connection with the remodeling of the Kings County Hospital building;" "Bid C: Proposal for all plumbing and heating installation in connection with the nurses' hame at the Kings County Hospital, Kings County, California," as per plans and specifications on file, will be received by the Board at its chambers at the Court House in the City of Hanford, County of Kings, State of California, **until 10 o'clock A. M. of the 5th day of April, 1923,** and which time and place said proposals will be publicly opened and read. Bids will be received separately for the different segregated work to be performed as follows, to-wit:

Bid A: Proposal for the performance of all labor and the furnishing of all material in connection with the construction of a nurses' home at the Kings County Hospital, Kings County, California.

Bid B: Proposal for the performance of all labor and the furnishing of all material in connection with the remodeling of the Kings County Hospital building.

Bid C: Proposal for all plumbing and heating installation in connection with the nurses' home at the Kings County Hospital, Kings County, Calif.

Plans and specifications of proposal for said work may be obtained at the office of the Clerk of the Board of Supervisors or at the office of the County Surveyor, Hanford, California. A deposit of $20.00 must be made for each set of plans and specifications, said deposit to be refunded when plans and specifications are returned in good condition.

All proposals must give the price proposed, both in writing and figures, and must be signed by the bidder with his name and address. Each bid must be presented under sealed cover and must be accompanied by cash, a bidder's bond or a certified check made payable to the Chairman of the Board of Supervisors of the County of Kings, State of California, for an amount equal to Ten per cent (10%) of the amount of said bid, and no bid shall be considered unless such cash, bond or check is enclosed therewith, such cash, bond or check to be returned to the bidder unless forfeited under the conditions herein stipulated.

Good and sufficient bond will be required for the faithful performance of the contract and to secure the payment of claims of material men, mechanics and laborers employed by the contractor, as provided by law. The sureties in all bonds must be approved by the Board of Supervisors. The bidder to whom the contract is awarded will be required to appear at the office of the Board of Supervisors with the securities offered by him, and execute a contract within ten days (not including Sundays) after it is awarded to him. In case of failure or neglect to do so he may be considered as having abandoned it, and the cash, bond or check accompanying the proposal may, at the option of the Board of Supervisors, be forfeited to the County of Kings, State of California.

The Board of Supervisors reserves the right to reject any or all bids.

By order of the Board of Supervisors of the County of Kings, State of California.

A. F. SMITH, Chairman.
Attest: E. F. PICKERILL, Clerk.

QUANTITY SURVEYOR
and Valuation Engineer
Buildings and Engineering Works
ARTHUR PRIDDLE
693 Mission Street, at Third St.
San Francisco, Calif.
Telephone Douglas 8-4-9-3

BIDS WANTED FOR U. S. HOSPITAL

NOTICE TO CONTRACTORS

OFFICE CONSTRUCTING QUARTERMASTER, FORT MASON, Calif.—Sealed proposals will be received here until 11 A. M., April 10, 1923, for constructing a concrete ward at Letterman General Hospital, Calif. $10 deposit required for return of plans.

NOTICE FOR BIDS

(Oroville-Wyandotte Irrigation Dist.)

Sealed bids will be received by the Board of Directors of the Oroville-Wyandotte Irrigation District at the office of the Board, Oroville, California, **until 10 o'clock A. M., April 12, 1923,** for the following work: Lost Creek Storage Works in Butte County, including about 1000 cubic yards of earth excavation, 1000 cubic yards of loose rock excavation, 500 cubic yards of solid rock excavation, 10,000 cubic yards of concrete masonry, together with all fittings.

Contract will be let to the lowest responsible bidder. Plans and specifications can be seen at the office of the Board, Oroville, California, and at office of L. Jorgensen, Consulting Engineer, 713 Hobart Building, San Francisco.

J. A. WISNER,
Secretary, Oroville-Wyandotte Irrigation District.

NOTICE TO BIDDERS

(Riveted Slip Joint Pipe)

Sealed bids will be received by the Board of Directors of the Thermalito Irrigation District at the office of the Board, Oroville, California, until **One o'clock P. M., April 4th, 1923,** for furnishing 50,400 lineal feet of riveted slip joint pipe with all fittings such as tees, bends, wyes, branches, crosses and tapers.

Contract will be let to the lowest responsible bidder.

Plans and specifications can be seen at the office of the Board, Oroville, California.

R. A. LEONARD,
Secretary, Thermalito Irrigation District

NOTICE TO CONTRACTORS

(Siskiyou Union High School)

The Board of Trustees of the Siskiyou Union High School invites bids of Contractors for the construction of a High School Building on a site owned by the said district at McCloud, California. Plans and specifications for this building may be obtained at the office of said Board in the High School Building in Yreka. One copy of said plans and specifications will be kept on file at the said office and be consulted there.

Separate bids will be received on different items of construction as they appear in the plans and specifications.

General itemized bids, covering the construction of the entire building ac-

cording to plans and specifications are desired.

The board reserves the right to reject any and all bids.

Certified check for 10% of the amount bid must accompany all offers of contractors. This is to insure the carrying out of the contract in case it is awarded and will be returned to the successful bidder on completion of bonds required to assure the construction of the building. Checks of unsuccessful bidders will be returned immediately upon the rejection of their bids.

Sealed bids will be received by Leila E. Steele, Secrtary, **up to 10 o'clock A. M., Friday, April 6, 1923.** All bids will be opened at this time.

BOARD OF TRUSTEES OF THE SISKIYOU UNION HIGH SCHOOL.
By LEILA E. STEELE.
Secretary.

(Centrifugal Pump)

Notice is hereby given that the Board of Trustees of the City of Madera will receive bids to be opened at 8 P. M. **Monday, March 26, 1923,** at the City Hall, upon the following material:

One Five Inch Two Stage Centrifugal Pump, pumping against 160 foot total head, which pump shall be connected directly with a 440 volt 1200 R. P. M. motor. Also to include installation of said pump and motor at municipal pumping plant of the City of Madera on South "B" St., in said City, pump to be connected to present suction and discharge.

All bids to be filed with the City Clerk of the City of Madera, and to be accompanied by certified check of 10 per cent of the amount of the bid guaranteeing performance.

For further particulars see Water Superintendent O. C. Owens.

CITY OF MADERA,
By: W. C. UTTER, Clerk.

BIDS WANTED FOR CONCRETE SCHOOL

NOTICE TO BIDDERS

Notice is hereby given by the Board of Trustees of Round Valley Union Grammar School of Covelo, California, that bids for the erection of a concrete school building, to be built in Covelo, will be received.

All bids submitted are to be sent to the clerk of the Board, G. M. Biggar, at Covelo, California, not later than **1 p. m., March 26th, 1923.**

Bids are to be opened at the Bank of Covelo by the Board and each bid must be accompanied by satisfactory assurance that bidder has finances to carry through the erection of said building if bid is awarded to him. The Board reserves the right to reject any and all bids submitted, and contractors submitting bids do so with the understanding that their bid con be accepted or rejected by said Board.

Plans may be obtained from the Clerk of the Board or from the architect, Norman R. Coulter, 46 Kearny Street, San Francisco.

Contractors getting plans to figure will be required to pay a deposit of $10.00, to be returned when plans are returned.

NOTICE TO CONTRACTORS

(Mineral Section, Red Bluff-Susanville Lateral)

Sealed proposals for constructing the above-named National Forest Highway located in the Lassen National Forest, Tehama County, State of California, will be received by the District Engineer, Bureau of Public Roads, U. S. Department of Agriculture, at 881 Mills Building San Francisco, California, until 2 o'clock p. m., on April 3, 1923, at which time and place they will be publicly opened and read. The right is reserved to reject any and all bids and none will be considered except from contractors ascertained to be experienced and responsible. The project is located about 32 miles east of Red Bluff and the length to be constructed is approximately 12 miles. The principal items of work are approximately as follows:

Clearing 631 stations.
Excavation, 134,224 cu. yds.
Overhaul, 9531 yd. sta.
Class A concrete, 113 cu. yds.
Class C concrete, 210 cu. yds.
Reinforcing steel, 13,750 lbs.
Corr. metal pipe 15-in. to 24-in., 3802 lin. ft.
Structural steel, 56,300 lbs.

The structural steel and class "A" concrete noted above are required in a 70 ft. low truss bridge over Battle Creek. A revision of the design of this bridge now under way will increase the structural steel by 15 to 20%.

Bids on an alternate design consisting of 2 concrete girder 34 ft. spans are to be submitted. The approximate quantities in this design are 100 cu. yds. class "A" concrete, 150 cu. yds. class "C" concrete and 20,000 lbs. reinforcing steel.

The work embraced in this contract shall be started within fifteen days after notice to start has been given the contractor by the District Engineer, which notice will not be given until weather conditions render it practicable to prosecute the work to advantage in the Spring of 1923, and shall be completed within 150 weather working days after said notice has been given.

The contract form and the maps, plans, specifications and estimate of quantities may be examined by responsible contractors at the following addresses:

881 Mills Building, San Francisco, California.
California Highway Commission, Forum Bldg., Sacramento, Calif.

The Bureau of Public Roads will furnish cement and corrugated metal culvert pipe. The Bureau also has available for loan to contractors on a rental basis, equipment as listed in the proposal sheets. Bidders will state in his bid the amount of Government equipment that he will use during construction and the minimum rental period thereof. The estimated rentals will be taken into consideration and award will be made on bid to best advantage to the Government.

Plans and specifications will be furnished contractors who contemplate bidding upon deposit of a check for $10.00 payable to the Secretary of Agriculture of the United States. Check will be held, pending return of plans and specifications.

All proposals must be made on forms furnished by the District Engineer, Bureau of Public Roads, and in accordance with the instructions forming a part of the specifications above referred to.

C. H. SWEETSER,
District Engineer.

NOTICE TO BIDDERS FOR FURNISHING WATER PIPE
(City of Turlock)

Notice is hereby given that sealed bids will be received on behalf of the City of Turlock up to **7:30 p. m., Tuesday, April 3rd,** for furnishing the following materials, namely:

1000 feet of 2 inch Standard Pipe, galvanized, threaded and coupled.
200 feet of 1½ inch Standard Pipe, galvanized, threaded and coupled.
4000 feet of 1 inch Standard Pipe, galvanized, threaded and coupled.
300 feet of 8 inch Matheson Pipe, galvanized inside and outside and asphaltum coated outside.
2000 feet of 6 inch Matheson pipe, galvanized inside and outside, and asphaltum coated outside.
2700 feet of 4 inch Matheson Pipe, galvanized inside and outside and asphaltum coated outside.

To be delivered F. O. B. cars at Turlock, California.

By order of the Board of Trustees, of the said City of Turlock, dated, this 6th day of March, 1923.

A. P. FERGUSON,
City Clerk, City of Turlock,
County of Stanislaus, State of California.

NOTICE TO BIDDERS

(Water Mains, Valves and Fittings)

Notice is hereby given that sealed bids will be received by the City of Placerville on or **before 8 o'clock P. M., on the 19th day of March, 1923,** for the following material for water mains installed in place in said town, viz:

1200 ft. 8 inch 14 gauge double riveted and dipped sheet steel pipe slip joint, not less than 6 inch.
1000 ft. 8 inch 12 gauge double riveted and dipped sheet steel pipe slip joint.
Three 8 inch flange gate valves for 150 pounds working pressure.
One 8x8x8 12 gauge riveted steel Y branch.
One 10x8 12 gauge riveted steel taper with 8 inch flange rivited on.
One 8 inch No. 12 long radius flanged riveted steel elbow.
One 8 inch flanged reducing valve with strainer.
One 8 inch flanged, riveted steel Tee.
Six 8 inch flanges riveted on pipe.
One 8 inch blind flange.
One 4 inch fire hydrant connection with 4 inch gate valve.
One 3 inch connection.

Bids are for the material as above, installed in place and connected to present mains; the City of Placerville to do all the necessary trenching and back filling. Work must be done to the satisfaction of the City Engineer and will not be accepted until the mains are filled and subjected to the city pressure.

Bidders should acquaint themselves with the location to determine the angles and bends.

All bids must be filed with the City Clerk and accompanied by a certified check equal to ten per cent of amount of bid.

The Board of Trustees of said City of Placerville reserves the right to reject any or all bids so submitted.

By order of the Board of Trustees of the City of Placerville.

M. T. KELLY, Chairman.
A. J. MAHLER, City Clerk.

NOTICE TO CONTRACTORS

(Taft Union High School District)

Notice is hereby given that sealed bids will be received and opened by the Board of Trustees of the Taft union High School District, Kern County, State of California, in the present High School Building, in the City of Taft, at **7 p. m., April 3rd, 1923,** for the erection, construction and equipment of a Shops Building, Auditorium Building and a Gymnasium Building in connection with the Taft Union High School, situated in the City of Taft, Kern County, State of California, in accordance with plans and specifications made for the same by W. H. Weeks, the authorized Architect, employed by the Board.

Segregated bids on the portions of the work will be received as follows:

1. Excavating, grading and concrete work.
2. Iron and steel work.
3. Composition floor work.
4. Marble work.
5. Terrazzo work.
6. Tile work.
7. Mason work.
8. Carpenter work.
9. Blackboards.
10. Linoleum.
11. Glass and glazing.
12. Finish hardware.
13. Lath and plastering.
14. Composition roofing.
15. Terra Cotta tile roofing.
16. Plumbing work.
17. Electric work.
18. Sheet metal work.
19. Painting.
20. Heating and ventilating.

Plans and specifications may be seen at the office of the Architect, W. H. Weeks, 369 Pine Street, San Francisco, California, or at the office of the Clerk of the Board at the High School Building in the City of Taft.

All bids should be presented on bid forms furnished by the Architect. Each bid must be accompanied by certified check on some responsible California bank in the sum of not less than Five Per Cent (5%) of the amount bid, made payable to Mr. E. W. Nisbet, Jr., Clerk of the Board of Trustees of the Taft Union High School District, for the purposes stated in the specifications.

Each bid must be enclosed in a sealed envelope and addressed to: Mr. E. W. Nisbet, Jr., Clerk of the Board of Trustees and endorsed:

"PROPOSAL FOR .....FOR THE TAFT UNION HIGH SCHOOL BUILDINGS."

The Board reserves the right to reject any and all bids.

Bids must be delivered to the undersigned Clerk of the Board at the High School Building in the said City of Taft at the time and place above stated, or any time up to the hour of opening of said bids.

E. W. NISBET, JR.,
Clerk of the Board of Trustees of the Taft Union High School District, Taft, Kern County, California.

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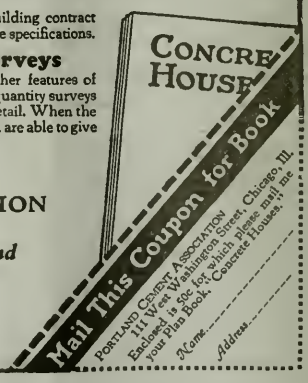

Engineering News Section

BRIDGES

MERCED, Merced Co., Cal.—E. K. Angle, Dos Palos, at $950 awarded cont. by supervisors to const. conc. bridge over canal on county road near Los Banos.

SANTA BARBARA, Cal.—A. B. Cook, Santa Barbara, awarded contr. by supervisors at $6500 to const. reinf. concr. bridge across Arroyo Burro, on Cliff Dr. Other bids were: E. H. Hunt, $7000; Noble & Erickson, $7924; Wm. Ledbetter, $9750; J. P. Arroqui, $11,960.

OROVILLE, Butte Co., Cal.—Until April 2, 1:45 p. m. bids will be rec. by C. F. Belding, county clerk, to const. bridge over Cherokee Canal on Biggs-Princeton rd. Cert. check 10% req. with each bid. Spec. obtainable from County Rd. Eng. Harry H. Hume.

LOS ANGELES, Cal.—County Bridge Engr. W. D. Armstrong, completing plans for a $100,000 bridge over Los Angeles river on American Ave., Long Beach. Plans will be ready in about three weeks. It will be of steel girder type with conc. deck and ornamental conc. railing. Total length 520 ft. with 27 ft. roadway, 2-ft. walks on each side. The five full spans will be 80 ft. each.

WOODLAND, Yolo Co., Cal.—County Surv. Asa G. Proctor preparing spec. for bridge over Cache creek to replace present structure in vicinity of Esparto.

FRESNO, Fresno Co., Cal.—Until 2 p. m., April 6, bids will be rec. by supervisors to const. two trestle bridges, total length 628 ft., work to involve 130,000 ft. B. M. lumber; 150 piles each 30 ft. long. Chris P. Jensen, 306 Cory Bldg., County surv.

SACRAMENTO, Cal.—Sufficient support has been mustered to pass the bill of Assemblyman J. Johnston of North Sacramento which provides $500,000 for the construction of a new causeway leading from the American River bridge, on the 12th St. road, to North Sacramento, according to word from Sacramento.

LOS ANGELES, Cal.—City Engr. John A. Griffin instructed by board of public works to prepare plans for a new bridge over the Los Angeles river at East 9th St.

WILLOWS, Glenn Co., Cal.—Until April 9, 10 A. M., bids will be rec. by W. H. Sale, County Clerk, to const. reinforced concrete bridge over Millsap creek, to be known as "Chrome Bridge." Bayard Knock, County Surveyor.

SALEM, Ore.—Until March 27, bids will be rec. by Oregon State Highway Comm., meeting in Multnomah County Courthouse, Portland, for following bridge projects:

Clackamas County—Bridge over Pudding River on the Pacific Highway at Aurora, 1600 cu. yds. conc., 260,000 lbs. metal reinforcement, 125,000 lbs. struc. steel, 4700 lin. ft. piling, 1180 lin. ft. handrail and 2200 cu. yds. excavation.

Clatsop County—Bridge over Bear Creek near Svensen on the Columbia River Highway, 180 cu. yds. conc., 20,000 lbs. metal reinforcement, 1000 lin. ft. piling, 130 lin. ft. handrail and 300 cu. yds. excavation.

Jackson County—Bridge over Emigrant Creek near Ashland on the Ashland-Klamath Falls Highway, 15 cu. yds. conc. and 60 lin. ft. standard frame trestle.

Josephine County—Bridge over Jump Off-Joe Creek near Grants Pass on the Pacific Highway, 275 cu. yds. conc., 32,000 lbs. metal reinforcement, 2100 lin. ft. piling, 110 lin. ft. handrail and 450 cu. yds. excavation.

Klamath County—Bridge over Klamath River at Spencer's on the Ashland-Klamath Falls Highway, 850 cu. yds. conc., 155,000 lbs. metal reinforcement, 810 lin. ft. handrail and 220 cu. yds. excavation.

Herbert Numm, state highway eng.

TUCSON, Ariz.—Application has been made to state highway commission by county supervisors to use $33,560 remaining in the depts funds for bridges on the Tucson-Nogales road, for the construction of a permanent bridge over the west branch of the Santa Cruz river. H. R. Batterton, clk. of the board of supervisors, Pima county. F. R. Goodman, state engr., has approved the plan and application for federal aid will be made at once.

DREDGING, HARBOR WORKS AND EXCAVATIONS

SEATTLE, Wash. — See item under "Sewers and Street Work," this issue. Beacon Hill project.

WASHINGTON, D. C.—See "Government Work," this issue, Mare Island Dike bids.

CORCORAN, Kings Co., Cal.—Chinn and Sellers, Lemoore, Calif., at $.25 yd. submit low bid to Corcoran Irrigation District to excavate 3850 ft. of canal, involv. approx. 17,700 cu. yds. Len. Campbell, Corcoran, bid $.30 yd. Bids rejected and work will be done by district. D. I. Drown, secy. of dist.

IRRIGATION PROJECTS

GARDEN GROVE, Cal.—The $150,000 drainage dist. bonds recently voted have been declared invalid by supreme court on account of the election being called by directors on their own initiative instead of by petition from property owners. The first issue called legally, failed, and the second, called by the directors without necessary petition, carried. A new election will be held.

OROVILLE, Butte Co., Cal.—Until April 2, bids will be rec. by R. A. Leonard, Sect'y., Thermalito Irrigation District, for the purchase of $270,000 worth of bonds to finance construction of improvement in the district.

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MALTA, Montana—See "Government Work," this issue, U. S. Rec. Service.

OROVILLE, Butte Co., Cal.—Until April 12, 10 a. m., bids will be rec. by J. A. Wisner, secy. Oroville-Wyandotte Irrigation District, for work in connection with Los Creek storage works, includ. approx. 1000 cu. yds. earth excavation; 1000 cu. yds. loose rock excavation; 500 cu. yds. solid rock excavation and 10,000 cu. yds. masonry, together with all fittings. Plans on file in office of L. Jorgensen, consulting engineer, 713 Hobart Bldg., San Francisco. S. J. Norris, Oroville, chief engineer for district. **See call for bids under official proposal section in this issue.**

KINGMAN, Ariz.—M. B. Dudley and associates are working out a plan to reclaim approx. 150,000 acres in Arizona, 20,000 acres in Utah and 100,000 acres in Nevada. The dam proposed will be constructed on the Virgin river, near Littlefield. The river rises in Arizona and Utah and flows south and west to meet the Colorado river. There are proposed 2 dams and a tunnel, and owing to the type of canyon walls the complete work can be built for approx. $4,000,000. The capacity will probably equal that of the Roosevelt dam. The footings for the diversion dam have been laid. Cement can be manufactured on the spot and in several ways the cost can be cut to build structures for a small part of the cost under different conditions.

LIGHTING SYSTEMS

SALIDA, Stanislaus Co., Cal.—Salida Welfare Assn. backs movement to install adequate lighting system.

LOS ANGELES, Cal.—Until 10 a. m., March 26, bids will be rec. by board of public works to const. lighting systems in:

14th St., bet. Beacon St. and Pacific Ave., (San Pedro).

Pacific Ave., bet. Oliver St. and 45 ft. n. of Third St. (San Pedro).

Sunset Blvd., bet. Vista St. and Stanley Ave.

SACRAMENTO, Cal.—J. C. Hobrecht, 1014 Sixth St., Sacramento, at $7225 submits low bid to city commission to install c. i. octagonal electroliers, 34 in all, in I St., bet. 5th and 9th. Latourrette-Fical Co., 907 Fremont St., Sacramento, only other bidder at $7450. Taken under advisement.

LOS ANGELES, Cal.—Until 10 a. m., March 26, bids will be rec. by Bd. Pub. Wks. to const. ornam. light system on Sunset Blvd., bet. Vista St. and Stanley Ave. Plans and spec. on file at office of city electrician.

PASADENA, Cal.—City Directors declare inten. to const. ornam. light. system consisting of 62 iron and copper posts, wiring, etc., on Hudson Ave., bet. Colorado St. and Oakwood Pl. Beasie Chamberlain, city clk. 1911 Act.

UKIAH, Mendocino Co., Cal.—Businessmen, backed by Chamber of Commerce, of which Brice W. Hoskins is secretary-manager, are securing estimates of cost to install lighting system in business district.

LOS ANGELES, Cal.—C. W. Sparks, 433 San Fernando Bldg., Los Angeles, submitted low bid to Bd. Pub. Wks at $7295 const. ornam. light. sys. in 6th St. bet. Pacific Ave. and Gaffey St., San Pedro. H. H. Walker bid $7368.

MACHINERY & EQUIPMENT

PASADENA, Cal.—Llewellyn Iron Works, Los Angeles, were low bidders at $25,448 and $62,150 for furnishing, item 1, one boiler and item 2, 2 boilers, respectively, for the municipal power plant. Engineering Products Co. bid $28,348 and $67,900; Chas. C. Moore & Co., $30,630 and $79,311 and $37,027 and $87,625; Bethlehem Shipbuilding Corp., Ltd., $35,387 and $68,708; Hunt, Mirk & Co., Inc., $41,665 and $83,330.

OAKDALE, Stanislaus Co., Cal.—A. C. McMillan, of Fresno, heads Atlas Rock Co., which has purchased gravel and rock plant formerly operated by the Turlock and Modesto Irrigation Districts and will spend approx. $35,000 in new equipment for rock crushing purposes and for the manufacture of cement pipe.

ANGELES CAMP, Calaveras Co., Cal. Angels Iron Works, Angeles Camp, awarded cont. by Calaveras Copper Co., of Copperopolis, to build 550 h. p. electric hoist, with capacity of 1-ton load and 4000 ft. lift.

SAN FRANCISCO—Until March 26, 3 P. M., bids will be rec. by J. S. Dunnigan, Clerk, Bd. of Supervisors, to reconstruct Lund Street Sweeping machine. Blanks for bidding obtainable from Clerk, Rm. 235, City Hall.

INDEPENDENCE, Inyo Co., Cal. — Supervisors let cont. to Holt Mfg. Co., Stockton, to fur. Model T-35, 2-ton 25 h. p. caterpillar tractor at $2098, payable $500 cash in April, $799 in June and $799 in Jan. 1924.

FULLERTON, Cal.—Fullerton Ice Co. will erect machine shop and will purchase equipment.

RAILROADS

SEATTLE, Wash.—Until March 23, 10 a. m., bids will be rec. by Wm. D. Freeman, city purchasing agent, for fur. Muny Rlwy. Dept., 700 tons rails, 500 pr. plates, 4200 track bolts and 150 kegs track spikes.

SEATTLE, Wash.—Until March 23, 10 a. m., bids will be rec. by Wm. D. Freeman, city purchasing agent, for fur. 300 roller steel wheels, 33-in. for Muny. Rlwy. Dept.

FRESNO, Fresno Co., Cal.—E. M. Prescott, president of the United Warehouse Co., Rowell Bldg., Fresno, files application with council for permit to construct spur track across San Benito St., to connect company warehouse with S. P. lines.

CASTELLA, Shasta Co., Cal.—Castle Rock Lumber Co., operating here and at Castle Rock, 2 mi. north of Castella, has started construction of a logging railroad from the site of the former Burns Lumber Co. mill up Soda Creek to the timber. The company later plans const. of road west of the S. P. and extending westward into Trinity County.

TRUCKEE, Nevada Co., Cal.—S. P. Crews have started double tracking of line between Truckee and Andover, nine miles to the west.

BERKELEY, Alameda Co., Cal.—San Francisco-Oakland Terminal Railways Co., Geo. H. Harris, assistant mgr., will spend approx. $100,000 in reconstructing tracks in Grove St., from Berkeley Way to The Alameda. Work will be started at once.

BAKERSFIELD, Kern Co., Cal.—J. W. Walker, supt. of valley division of Santa Fe Railroad, announces company will spend approx. $5,000,000 in establishing a terminal in this city within the next five years. Early construction of shop buildings is planned in addition to a round house capable of housing from sixteen to twenty engines. Company also contemplates construction of line through Tejon pass from Bakersfield to Los Angeles.

SHASTA COUNTY, Calif.—See "Power Plants," this issue—P. G. & E. Plt No. 3; railroad extension.

OAKLAND, Cal. — State Railroad Commission sets March 26 as date to consider applications of S. P. Co., for extension of grade for drill track in E-1st St., Oakland, and of Santa Fe Rlwy. Co., for permit to const. spur track along First St., bet. Washington and Jackson, along Washington south of First St., and upon city property south of First St., in city of Oakland.

FIRE EQUIPMENT

TULARE, Tulare Co., Cal.—Due to the inclusion of a proposition to remodel the city hall in the $50,000 bond issue voted to finance purchase of fire equipment, including siren and the erection of a fire house, attorneys for the bank which purchased the bonds, have declared the issue illegal. C. W. Cobb, City Clerk.

RIVERSIDE, Cal. — American-La France Engine Co., awarded contr. at $12,500 to fur. city with new fire engine. An allowance of $1500 made for old equipment.

RESERVOIRS AND DAMS

NEVADA CITY, Nevada Co., Cal.—Excelsior Water & Power Co., will commence early construction of a large dam at Scott's Flat, seven miles above Nevada City. J. D. Spink is ch. eng. for the company.

OROVILLE, Butte Co., Cal.—See "Irrigation Projects," in this issue.

SALEM, Ore.—John Dubuis, Bend, Ore., files application with State Eng. Percy M. Cupper to const. Three Creek reservoir to store 1500 ac. ft. water to be used for irrigating 2000 acres; est. cost of construction, $20,000. Same applicant seeks permission to appropriate 50 sec. ft. of water from Three Creeks and 30 sec. ft. from Snow Creek and plans to const. dam and headgate and ditch 3 mi. long to convey water to above reservoir.

MADERA, Madera Co., Cal.—Lewis C. Hill, Los Angeles consulting engineer, is in Madera and will submit report to directors of Madera Irrigation District within next few weeks on site for proposed dam to store flood waters at Friant.

EVERETT, Wash.—Until March 24, bids will be rec. by Louis Lesh, city clerk, for clearing and grubbing site for reservoir and complete const. of conc. reservoir of approx. 20,000,000 gals. capacity, together with 28-in. pipe line, 3865 ft. long.

SHASTA COUNTY, Calif.—See "Power Plants," this issue; P. G. & E. Co., Pit No. 3; diversion dam.

YOLO COUNTY, Calif.—See "Government Work and Supplies," this issue.

KINGMAN, Ariz. — See "Irrigation Projects," this issue.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Further information regarding these opportunities may be had from Domestic and Foreign Trade Bureau, Chamber of Commerce, Merchants Exchange Bldg., by referring to index number:

6815 — Washington, D. C. Spanish lumber importer desires to place an initial order for 100,000 feet of Douglas fir and 100,000 feet of Sitka spruce.

6817—Yokohama, Japan. Firm desires to act as agency representative in Yokohama and Tokio for San Francisco exporters.

6827—San Francisco, Cal. British firm of exporters wish to be placed in touch with concerns in this city who are in the market for building materials.

6829—Dairen, Manchuria. Import firm is desirous of being put in touch with San Francisco manufacturers of wooden and iron furniture catalogs, prices and terms requested.

6830—San Francisco, Calif. A local firm which is sending a commercial traveler to Germany in the course of a few weeks desires to get in touch with houses wishing to have business conducted for them in Germany.

6832—New York City, N. Y. Representatives of a Swedish stove manufacturer desires to get in touch with a reliable firm in this market which would be willing to undertake the distribution of these stoves.

6834 — San Francisco, Calif. Dutch firm with good trade connections throughout Finland and neighboring Baltic States wishes to act as representative for local export houses.

6835—San Francisco, Calif. Well educated gentleman with best connections in Mexico is willing to represent local manufacturing houses which are interested in the Mexican market. Appointments for interview solicited.

6840 — Portland, Ore. Large firm wishes to purchase, direct from mine owners, copper for export.

D-749—Chicago, Ill. Party is anxious to get in touch with manufacturers in San Francisco of Spark Intensifiers.

D-484—Portland, Ore. Party desires to get in touch with San Francisco manufacturers of stoves, particularly Garbage Burners and Kitchen Heaters.

D-485—Cupertino, Cal. Party desires contact with manufacturers in San Francisco. Has article he desires manufactured on a royalty basis.

D-488—Syracuse, N. Y. Manufacturers of "Runs Off" process desires contact with large automobile painting establishment.

D-489—New York City, N. Y. A distributing company desires to get in touch with salesmen calling on the electrical jobbing trade as they have various lines to be handled on a commission basis.

D-499—New York City N. Y. Manufacturers of Ready Made Steel Buildings of substantial construction desires sales representative in San Francisco and vicinity.

CD-47—Adena, Ohio. Party desires to have opportunities submitted to cover a business investment of $6000.

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PIPE LINES, WELLS, ETC.

PLACERVILLE, El Dorado Co., Cal. —City trustees order bids advertised to be opened March 19 for furnishing water pipe.

ST. HELENA, Napa Co., Cal.—City Eng. John A. Mitchell and Supt. of Water Works Gus Guttsen making surveys for pipe line from municipal water works to increase efficiency of water system.

PASADENA, Cal.—U. S. Cast Iron Pipe & Fdy. Co. awarded contract for furnishing c. i. pipe and fittings in items 1, 2 and 3. All bids for riveted steel pipe were rejected.
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WASHINGTON, D. C.—See "Government Work," this issue, copper pipe and tubing.

OROVILLE, Butte Co., Cal. — Until April 4, 1 p. m., bids will be rec. by R. A. Leonard, secy. Thermalito Irrigation District, for fur. 50,400 lin. ft. riveted slip joint pipe with all fittings such as tees, bends, wyes, branches, crosses & tapers. **See call for bids under official proposal section in this issue.**

EVERETT, Wash.—See "Reservoirs and Dams," this issue—3865 ft. 28-in. pipe line.

SAN BERNARDINO, Cal.—Until 7:30 p. m., March 20, bids will be rec. by water commission for fur. 7000 ft. 4-in. 8000 ft. 6-in. and 2850 ft. 12-in. c. i. water pipe, with fittings, etc. Spec. on file with city clerk, John Osborn. Cert. check or bond 10%.

MORGAN HILL, Santa Clara Co., Cal. —Town trustees considering plans for sewage disposal plant.

TURLOCK, Stanislaus Co., Cal.—Until April 3, 7:30 p. m., bids will be rec. by A. P. Ferguson, city clerk, for fur. and del. f. o. b. cars Turlock:
1000 ft. 2-in., 200 ft. 1½-in., 4000 ft. 1-in. stand. pipe, galv. threaded and coupled.
300 ft. 8-in., 2000 ft. 6-in. and 2700 ft. 4-in. Mathewson pipe, galv. inside and outside and asphaltum coated outside.
Horace Hall, city eng. **See call for bids under official proposal section in this issue.**

SEWAGE DISPOSAL PLANTS

MANTECA, San Joaquin Co., Cal.—City Eng E. E. Jeffries preparing plans for proposed sewage plant for which election will be called to vote bonds to finance construction.

MISCELLANEOUS CONSTRUCTION

SAN JOSE, Santa Clara Co., Cal.—Guadalupe Lime and Cement Co. will spend $2,500,000 in the construction of a cement plant on the Alameden road near San Jose. All internal transportation will be handled by a compressed air system. A tunnel 2700 ft. long, passing through the company's property to connect with S. P. Railroad Almaden station is included in the project.

WATER WORKS

MADERA, Madera Co., Cal.—Until March 26, 8 p. m., bids will be rec. by W. C. Utter, city clerk, for fur. one 5-in. 2 stage centrifugal pump; pumping against 160 ft. total head, to be direct connected with a 440-volt 1200 R. P. M. motor. Bid to include installation at municipal pumping plant. **See call for bids under official proposal section in this issue.**

FRESNO, Fresno Co., Cal.—City will purchase three water pumps for sewage plant; est. cost $3500. R. Y. St. George, city clerk, and Wm. Stranahan, city eng.

MONTEREY PARK, Cal.—Until 8 p. m., March 26, bids will be rec. by city clerk to const. reinf. conc. pumping sump.

ANTIOCH, Contra Costa Co., Cal. — Antioch Electric Co., Antioch, awarded cont. by trustees to fur. and install. pumps and motors for city water wks.

NAPA, Napa Co., Cal.—City Council will consider bids March 26, for the purchase of $300,000 worth of municipal water bonds; proceeds of sale to finance improvements to water system. A. Kempkey, Consulting Eng., Hobart Bldg., San Francisco. H. A. Harrold, City Eng.

CHICO, Butte Co. Cal.—Bird Elec. Co. Chico, at $612.50 awarded cont. to install equipment in pumping plant for swimming pool in city park.

CHICO, Butte Co., Cal.—Second election will be held in April to vote bonds of $475,000 to purchase and improve three privately owned water systems to operate as a municipal project. Last election failed to carry by 12 votes. F. S. Robinson, city eng.

MAYFIELD, Santa Clara Co., Cal.—Town trustees will call election to vote bonds of $42,500 for water works improvements.

EL MONTE, Cal. — Byron Jackson Iron works, 303 E 3rd St., Los Angelee, awarded cont. by city trustees for new pump and motor for the water dept.

MANTECA, San Joaquin Co., Cal. — Election will be called shortly to vote bonds of $65,000 to finance purchase of privately owned water works system to operate as a municipal project.

INGLEWOOD, Cal.—City of Inglewood authorized by railroad commission to purchase property of the Inglewood Water Company and to sell bonds amounting to $50,000 for the purchase. The bonds were voted recently.

STRATHMORE, Tulare Co., Cal. — City will bond March 27 for $27,000 to finance construction of water system.

PLAYGROUNDS & PARKS

SAN FRANCISCO—M. Philomene Hagan, secy. of the S. F. Playground Commission, 3rd floor, city hall, opened bids recently to erect 6-ft. fence around portion of Margaret S. Hayward playground in block bounded by Golden Gate Ave., Turk, Octavia and Laguna Sts. The contract was awarded to the West Coast Wire & Iron Works at $1442.22. The only other bid was from the Standard Fence Co. at $1454.50.

SAN MATEO, San Mateo Co., Cal.—City trustees reject bid to construct grandstand and bleachers in baseball park. Bids were: Mitchell-Jackson, Inc., $8435 with fence omitted, deduct $219; Hy Meters, $7790, fence omitted, deduct, $291; Petersen, $7760, fence omitted deduct $325. Trustees propose to purchase second-hand material from San Carlos speedway and complete work by day labor.

SEWERS AND STREET WORK

LONG BEACH, Cal.—D. P. Durham, 900 Raymond Ave., Long Beach, awarded contract by council to pave Mars Ct., bet. 11th and Anaheim Sts., 4-in. cem. conc. at 23c sq. ft., incl. grading; also awarded cont. to pave first alley bet. Loma and Euclid Aves., with 4-in. conc. at 23c sq. ft. incl. grading.

RIVERSIDE, Cal.—Council declares intention to const. san. sewer with wye branches, manholes, in district bounded by Tequesquite Arroyo, Olivewood Ave., Union Pacific Ry., and city limits. 1911 Act. C. B. Burns, city clerk.

SAN JOSE, Santa Clara Co., Cal.—A. J. Raisch, 46 Kearny St., San Francisco awarded conts. by council to imp. following sts.:
Autumn St., bet. Santa Clara and Julian Sts., grade and pave with 1½-in. Durite asph. conc. surface on 3-in. Durite asph. conc. base; hyd. conc. curbs, gutters and walks; and Augustine St., by grading; paving with Durite asph. conc. surface of various thicknesses; 2 br. catchbasins with c. i. tops and 8-in. vit. pipe drains.
16th St., bet. Julian and Empire Sts., grade and pave with 1½-in. Durite asph. conc. surface with 3-in. Durite asph. conc. base; conc. curbs and gutters; 1 br. catchbasin with c. i. top and 8-in. vit. sewer manhole connections.
Miller St., bet. George St. and pt. 462.45 ft. grade and pave with 1½-in. Durite asph. conc. surface on 3-in. Durite asph. conc. base; cem. curbs and gutters.

OLYMPIA, Wash.—F. A. Moceri & Co., at $221,417.85 awarded cont. by state highway comm. to grade, drain and pave with conc. 6.37 mi. of Pacific Highway bet. Carrols and Kelso.
H. McClellan, Seattle, at $155,865.12 awarded cont. to grade, drain and pave with conc. 4.4 mi. of Pacific Highway bet. Kalama and Carrols.

MERCED, Merced Co., Cal. — Until April 9 bids will be rec. by city trustees to construct sewer extensions for which bonds of $70,000 have been sold to finance.

SAN JOSE, Santa Clara Co., Cal.—San Jose Paving Co., Dupont and San Carlos Sts., San Jose, awarded contract by council to imp. 2nd St., bet. San Fernando and San Antonio Sts., by removing basalt block gutters and const. hyd. conc. gutters; removing portions of bit. wearing surface and replacing with asph. conc. binder, etc.

MONTEREY, Monterey Co., Cal. — Until March 27, 7 p. m., bids will be rec. by J. R. Mason, city clerk, to imp. portions of Abrego and Pearl Sts.; grade and pave with 2-in. vit. conc. surface on macadam base; conc. curbs; gravel walks; rein. conc. culvert. 1911 and 1915 Bond Act. Cert. check 10% payable to clerk req. H. D. Severance, city engineer.

NATIONAL CITY, Cal.—Council declares intention to const. cem. conc. pavement on portions of First St., National Ave., and other streets. Vrooman Act. O. A. Mullen, city clerk.

BERKELEY, Alameda Co., Cal.—Until March 27, 10 a. m., bids will be rec. by E. M. Hann, city clerk, to set back curb 13 ft. in north side of Center St. from Shattuck Ave. to Grove St.; const armored conc. curbs and gutters and pave space with asph.; surface pavement of north 10-ft. to be heated and raised to conform to new pavement; const. conc. catchbasins with 12-in. culvert connection. 1911 Act and Bond Act 1915. Cert. check 10% payable to city req. C. L. Huggins, city eng.

FRESNO, Fresno Co., Cal.—Merced Concrete Pipe Co., Merced, awarded cont. by council to sewer portions of H and Stanislaus Sts.; tongue and groove conc. pipe, 24-in. $7.50 lin. ft. 22-in. $6.50; 20-in. $5.80; 18-in. $5.15 lin. ft.; vit. clay pipe, 12-in. $3.10 lin. ft.; 10-in. $2.35; 8-in. $2 lin. ft.; manholes, $80 ea.; wyes $.50 ea.

MOUNTAIN VIEW, Santa Clara Co., Cal.—Town trustees have voted to construct concrete curbs and gutters in 20 blocks of streets; approx. 2 mi. in all.

SACRAMENTO, Cal.—Until March 22, 9 a. m., bids will be rec. by H. G. Denton, city clerk to imp. I St., bet. 39th and pt. 467.8 ft. east; const. conc. gutter; install 1-in. water main connections; grade; pave with 4-in. asph conc. with seal coat. 1915 Bond Act. Cert. check 10% payable to city req. Albert Givan, city eng.

MARYSVILLE, Yuba Co., Cal.—County Surv. J. R. Meek preparing spec. to const. road from Yuba River Bottom Lands to main road in Hallwood district.

LOS ANGELES, Cal. — Supervisors declare intention for road imp. from Palmdale southeast to Shoemaker's Ranch, a total of 23.6 mi., as follows: 10.7 mi. 6-in. asph. conc. 18-ft. wide; 3.1 mi. disintegrated granite pavement; 3.3 mi. graded roadway 24-ft. wide. Average haul, Palmdale to Little Rock Creek plant, 9 mi. Est. cont. price, $574,292.30. Work involves 37,000 cu. yds. rock excav.; 118,000 cu. yds. earth excav. and borrow; clearing and grubbing amounting to approx. $7000; 124,360 lin. ft. shaping roadbed; 168,524 sq. yds. 5-in. asph. conc. pavement; 112,767 sq. yds. 6-in. asph. conc. pavement; 33,100 sq. yds. 6-in. disinteg. granite pavement; 2333 ft. 15-in., 2114 ft. 18-in., 833 ft. 24-in., 259 ft. 30-in., 121 ft. 36-in. and 178 ft. 48-in. corru. iron pipe; 516 cu. yds. conc. headwalls. Materials required in addition to figures given above are: 2167 lbs. reinf. steel, 750 bbls. cem., 335 tons sand, 820 tons gravel for conc., 11,400 tons disinteg. granite. Protests March 26.

SANTA MONICA, Cal.—Council declares intention to const. 30-in. reinf. conc. storm drain in Wilshire Blvd., bet. Ocean Ave. and 7th St. 1911 Act. John A. Morton, city engr.

STOCKTON, San Joaquin Co., Cal. — Until April 3, 11 a. m., bids will be rec. by E. D. Graham, county clerk, to imp. Mt. Diablo Ave., of Stockton Acres in Rd. Dist. 1, from Buena Vista Ave., to west levee of San Joaquin river, a distance of 7300 ft. Cert. check 10% payable to Chair. Bd. Sups. rek. Spec. obtainable from F. E. Quail, county surv.

LOS ANGELES, Cal.—Warren Constr. Co., 5444 Hollywood Blvd., awarded cont. by Bd. Pub. Wks. at $11,164 to imp. Serrano Ave., bet. Hollywood and Sunset Blvds., involv. grading at $1250; 34,189 sq. ft. Warrenite-Bit. paving at 26c ft.; 227 ft. curb at 75c ft.; 1008 sq. ft. walk at 23c ft.; 1524 sq. ft. gutter at 30c ft.; 102 ft. hse. sewers at $1.60 ft.

Griffith Co., L. A. Ry. Bldg., was awarded cont. at $10,802.25 for imp. Atwater Ave., bet. Silver Lake Blvd. and Tyburn St., involv. grading at $1065 36,333 sq. ft. asph. paving at 25c ft.; 6 ft. curb at 75c ft.; 2598 sq. ft. conc. gutter at 25c ft.

Warren Const. Co. awarded contract at $6044.08 to imp. Lexington Ave., bet. Kingsley Dr. and Hobart Blvd., involv. grading at $1200; 16,553 sq. ft. Warrenite-Bit. paving at 26c ft.; 870 sq. ft. oiling and rolling at 9c ft.; 1220 sq. ft. conc. gutter at 30c ft.; 60 ft. hse. sewers at $1.60 ft.

Joe Mullarkey, 8435 S Vermont Ave., awarded cont. at $5460.55 to imp. 82nd St., bet. Main St. and Moneta Ave., involv. grading at $900; 44,778 sq. ft. oiling and rolling at 5c ft.; 589 ft. curb at 60c ft.; 3125 sq. ft. walk at 20c ft.; 4975 sq. ft. conc. gutter at 27c ft.

R. A. Merrill, 1315 W 9th St., awarded cont. at $699.73 for imp. 38th St., bet. Gramercy Pl. and 135 ft. west, involv. 269 ft. curb at 95c ft.; 1346 sq. ft. walk at 33c ft.

WENATCHEE, Wash.—Olympic Construction Co., 1326 Northlake Ave., Seattle, at $80,254, awarded cont. by council to pave S Wenatchee Ave. with 8-in. conc.

FRESNO, Fresno Co., Cal.—Contract awarded to C. Miles by county supervisors, under an "emergency measure" at $14,510 for excavation and concrete work on highway bet. Parkfield Junction and Coalinga, has been withdrawn

SACRAMENTO CO., Cal.—Assembly bill No. 21 providing an appropriation of $500,000 to reconstruct the state highway bet. Sacramento and Galt, has been passed unanimously by the assembly roads and highways committee to the ways and means committee.

HAYWARD, Alameda Co. Cal.—Town Eng. Jesse B. Holly preparing spec. to pave lower B St., pavement to be either asphalt or concrete.

PLACERVILE, El Dorado Co., Cal.—Until March 19, bids will be rec. by city trustees to trench and install water mains; pipe to be furnished by city.

SEATTLE, Wash.—Until March 23, 10 a. m., bids will be rec. by C. B. Bagley, secy. Board of Public Works, for imp. work at Beacon Hill and district west of tide area. Work involves two separate projects calling for the sluicing of 1,496,000 cu. yds. of earth from the hill probably to the 9th avenue south district and the paving with 8-in. conc. of 23,050 sq. yds. of 9th Avenue; est. cost $1,600,000.

SAN JOSE, Santa Clara Co., Cal.—A. J. Raisch, 48 Kearny St., San Francisco, awarded cont. by council to imp. 2nd St., bet. Julian and S. P. right-of-way; grade and pave with 1½-in. Durite asph. conc. surface on 3-in. Durite asph. conc. base.

YREKA, Siskiyou Co., Cal. — John Stuart at $4490 awarded cont. by supervisors to grade Mt. Hebron to Bray Rd. in Klamath Rd. Dist.

SAN JOSE, Santa Clara Co., Cal.—City Council, J. J. Lynch, Clerk, declares intention to imp. 10th St., bet. Reed and Keyes; grading, paving with 1½-in. "Durite" asph. conc. surface on 3-in. "Durite" asph. conc. base.; conc. curbs, gutters; cem. walks; 4 br. catch-basins with c. i. tops; 8-in. vit. pipe drains. 1911 Act and Bond Act 1915. Protests March 26. Wm. Popp, City Eng.

SANTA BARBARA, Cal.—A. B. Cook, Santa Barbara, awarded cont. by supervisors at $27,000 to pave 2 miles of San Marcos pass road with oiled macad.

FAIRFIELD, Solano Co., Cal.—City trustees order plans made to pave Texas St. with 1½-in. asph. conc., est. cost $15,980 and Union Ave., with 3-in. asph. conc. pavement, est. cost $15,690; to each project $4000 must be added for curbs and gutters. E. N. Eager, city engineer.

MARTINEZ, Contra Costa Co., Cal.—County surv. R. R. Arnold making surveys for road from Crockett to join Franklin road.

SUNNYVALE, Santa Clara Co., Cal.—Town trustees determine to pave 6 blocks of streets 2½-in. conc. base and 1½-in. Warrenite surface.

SAN DIEGO, Cal.—California Constr. Co., Union Bldg., San Diego, awarded cont. by council at $29,793 to pave Maple, Nutmeg and Olive Sts. with asph. conc. Other bids were: Griffin Co., $30,985; G. R. Daley, $31,709; Warren Constr. Co., $32,016.

H. H. Peterson, Loma Portal, San Diego, awarded cont. at $2141 to pave alley in block 8, Loma Grande, and in block 13, Brookes Addn.

G. R. Daley, 4430 Boundary St., awarded cont. at $59,882 to pave Laurel, Kalmia, Brant and Curlew Sts. with asph. conc. Other bids were Calif. Constr. Co., $68,774; H. H. Peterson, $73,690.

John Henry Hess, 1023 E Ave., Coronado, awarded cont. at $7419 to grade 32nd St.

SPOKANE, Wash. — G. H. Weller, Spokane, at $50,621 awarded cont. to pave with 7-in. conc. 20-ft. wide, Northwest Blvd.

SAN DIEGO, Cal.—City Eng. F. A. Rhodes estimates the proposed work on Lincoln Ave. to involve 5355 cu. yds. excav., 2019 cu. yds. embank.; 28,651 sq. ft. walks and 36,192 ft. curbs.

HANFORD, Kings Co., Cal.—Until March 19, 8 p. m., bids will be rec. by D. C. Williams, city clerk, to imp. portions of W 6th, Phillips and other sts., by grade; pave with 4-in. bit. base cem. gutters; 12 and 18-in. full circle 14-gauge corru. iron storm sewers; rein. conc. and iron catchbasins. 1911 Act and Bond Act 1915. Cert. check 10% payable to city req. Ben Duffilled, city engineer.

LOS ANGELES, Cal. — Supervisors declare intention to imp. Parmelee Ave. bet. Florence and second alley a of Florence Ave., (under county imp. No. 11) about .12 mi. or 637 ft., involv. 202 cu. yds. excav.; 642 ft. conc. curb; 2446 sq. ft. walk; 164 sq. ft. gutter. Est. cont. price $1263.90.

EUREKA, Humboldt Co., Cal.—City council, A. W. Kildale, clerk, declares intention to imp. Union St., bet. Cedar and Ruas; grade and pave with 7-in. gravel; const. wood culverts, gutters and curbs; cem. conc. pipe storm sewer; manholes; vit. lateral drains. 1911 Act. Protests March 27. H. H. Hannah, city engineer.

SAN JOSE, Santa Clara Co., Cal.—City Council, J. J. Lynch, Clerk, declares intention to imp. Locust St., bet. Park Ave. and San Carlos St.; grade and pave with 1½-in. Durite asph. conc. surface on 3-in. Durite asph. conc. base; cem. walks. 1911 Ave and Bond Act, 1915. Protests March 26. Wm. Popp, City Eng.

CHICO, Butte Co., Cal.—City Eng. F. S. Robinson completes spec. to pave Esplanade in Chico Vecino district involv. 183,000 sq. ft. 4-in. asph. macadam pavement; 4000 lin. ft. curbs and 8000 sq. ft. gutters. 1911 Act and Bond Act 1915. Protests will be heard March 27th and bids asked about April 10. Total est. cost $30,000.

TEHAMA COUNTY, Calif. — Until April 3, 2 p. m., bids will be rec. by U. S. Bureau of Roads, 881 Mills Bldg., San Francisco, C. H. Sweetser, District Eng., to const. Mineral Sec., Red Bluff-Susanville Lateral in Lassen Nat. Forest, approx. 12 miles. Principal items of work include: 631 sta. clearing; 134,224 cu. yds. excavation; ; 9531 yds. sta. overhaul; 113 cu. yds. class A and 210 cu. yds. class C conc.; 13,750 lbs. rein. steel; 3802 lin. ft. corru. metal pipe 15 to 24-in.; 56,300 lbs. structural steel. **See call for bids under official proposal section in this issue.**

LOS ANGELES, Cal. — Council declares intention to imp. 5th St., bet. Colyton and Seaton Sts. and portions of other sts by grading and paving with 1½-in. Warrenite-Bit. on 5-in. Bit. base; paving part with asph. pavement; const. walk, curb, vit. brick gutter; conc. catch basin, two 6-in. vit. pipe hse. connections. Vrooman Act.

SACRAMENTO, Cal.—Until March 22, 9 p. m., bids will be rec. by H. G. Denton, city clerk, to imp. 7th Ave. bet. Sacramento Blvd. and 33rd St. const. conc. curbs and gutters; c. i. gutter drains with 6-in. vit. sewer connections; conc. manholes with c. i. curbs and covers; grade; pave with 4-in. asph. conc. with seal coat; imp. 2 right of way by const. 8-in. vit. sewers and 1 conc. manhole. Bond Act. 1915. Cert. check 10% payable to city req. Albert Givan, city eng.

LONG BEACH, Cal.—Council declares intention to imp. under 1911 Act following streets:

Linden Ave., bet. Ocean and Seaside Blvds., const. cem. curb, gutter, corru. iron culvert.

Mariposa Ave., bet. Ocean and Seaside Blvds., grade and pave with 5-in. conc.; const. curbs and walks.

Lime Ave., bet. Tenth and Anaheim Sts., by grade and pave with 6-in. aspr. macad.; const. cem. conc. gutter, class B curbs.

YUBA CITY, Sutter Co., Cal.—Bids are being rec. by City Trustees for materials and construction for sewer improvements. Details will be published shortly. Edw. von Geldern, City Eng.

SAN FRANCISCO—City Eng. M. M. O'Shaughnessy completes spec. to imp. following streets:

Balboa St., bet. 22nd and 23rd Aves., where not already improved, involv. 108 lin. ft. conc. curbs; 450 sq. ft. asph. conc. pavement; 1845 sq. ft. asph. conc. wearing surface. Est. cost, $600.

Lyell St., met. Bosworth and Springdale, where not already improved. Involv. 50 lin. ft. conc. curbs and 592 sq. ft. asph. conc. pavement. Est. cost, $260.

39th Ave. from Geary to pt. 96 ft. north, involv. 576 sq. ft. art. stone walks. Est. cost, $120.

SAN DIEGO, Cal.—Cushing Const. Co. San Diego, submitted low bid to council at $2107 to pave alley in blk 216, University Hts. with 4-in. cem. conc.

Cushing Constr. Co. low bidder at $2645 to pave alley in blk 225, University Hts. with 4-in. cem. conc.

OROVILLE, Butte Co., Cal. — City Eng. S. J. Norris preparing estimates of cost to construct sewers in un-sewered portions of unincorporated limits of city.

MERCED, Merced Co., Cal.—Engineers John S. Bates, Fresno and Floyd McSwain, Merced, has submitted details to property owners north of the Santa Fe District to improve streets in that section. The information was submitted at the request of the property owners. A 4 in. 5-in. pavement, of a type yet to be determined, will be laid.

LOS ANGELES, Cal.—Warren Constr. Co., 5444 Hollywood Blvd. awarded cont. by Bd. Pub. Wks. at $29,602 to pave Kenmore Ave., bet. Melrose and Rosewood Aves., involv. 92,840 sq. ft. grading at 4c ft.; 225 sq. ft. conc. paving at 25.6c ft.; 92,515 sq. ft. Warrenite paving at 26c ft.; 21 ft. curb at 75c ft.; 120 sq. ft. walk at 25c ft.; 3226 sq. ft. conc. gutter at 33c ft.; 400 ft. hse. sewers at $1.60 ft.

Griffith Co., L. A. Ry. Bldg., Los Angeles, awarded cont. at $25,545 to imp. Canal Ave., bet. A St. and Inner Bay Exception line; involv. grading at $2000 49,666 sq. ft. asph. paving at 29.5c ft.; 2152 ft. curb at 72c ft.; 21,594 sq. ft. walk at 22c ft.; 2440 sq. ft. gutter at 99c ft.; $800 catch basin; 543 ft. hse. sewers at $2 ft.

NILES, Alameda Co., Cal. — Niles Sanitary District votes bonds of $65,000 to finance construction of sewer system. Members of board are: M. D. Arouge, J. B. Barnard, H. B. Rathbun, A. Juhl, Mary Lynch, B. N. Crane and Mrs. Guy Lucas.

LOS ANGELES, Cal. — Opening of bids rec. by supervisors Mar. 12, for imp. Baker Ave., under county imp. No. 10, postponed until Mar. 19, on account of absence of members of the board.

OROVILLE, Butte Co., Cal.—Until April 2, 1:30 p. m., bids will be rec. by C. F. Belding, county clerk, to grade and pave Centerville road. Cert. check 10% req. with each bid. Spec. obtainable from Harry H. Hume, county rd. eng.

SANTA BARBARA, Cal.—Chas. T. Richardson, Santa Barbara, awarded contract at $28,294 to imp. Casa Loma Sub., involv 8900 cu. yds grading; 11,200 ft. combination curb and gutter; $56,000 sq. ft. cem. walks. A Krull awarded cont. for sewers at $7200.

SANTA CRUZ, Santa Crnz Co., Cal.—W. A. Caplatzi, 496 Broadway, Santa Cruz at $849.20 awarded cont. by council to const. vit. clay pipe sewer with manholes. c. i. tops, etc., in Dake Ave. Greenfield Bros., Santa Cruz, $895.50 only other bidders.

REDDING, Shasta Co., Cal. — City trustees order plans prepared to pave, const. walks and curbs in portions of Pine, Market, California Sts., etc.

SAN JOSE, Santa Clara Co., Cal.—Until March 26, 8 p. m., bids will be rec. by J. J. Lynch, city clerk, to imp. Julian St., bet. 4th and 11th Sts.; grade, and pave with 3½-in. Durite asph. conc base with 2-in. Durite asph. conc. surface; hyd. conc. curb and gutter; br. catchbasins with 8-in. vit. manhole connections. 1911 and Bond Act. Cert. check 10% payable to city req. Wm. Popp, city eng.

SAN MATEO, San Mateo Co., Cal.—Fay Improvement Co., Phelan Bldg., San Francisco, at $18,649.50 and $104,168.77 awarded contracts by city trustees for street and sewer improvements as follows.

Portions of B, Laurel, 6, 7, 8, 3nd 9th Aves., Hillcrest rd., Maple Ave., Ebglerd, Woodside Way, Cypress Court, etc., by grading; paving with 1½-in. asph. conc surface with hyd. conc. base of various thicknesses; art. stone walks; hyd. conc curbs and catchbasins; 4-in. vit. pipe lateral sewers; br. manholes; 8-in. vit. pipe drains, etc.

Portions of Poplar Ave., Edgewood and Hillcrest Rds., by grading, paving with 1½-in. asph. conc. surface on 4-in. hyd. base; 4-in. vit. pipe lateral sewers; also a portion of Hillcrest rd., by removing old and const. new hyd. conc. 6-in. vit. sewer; 1 br. manhole.

LOS ANGELES, Cal.—Bids rec. by Bd. Pub. Wks. to const. Sec. 5 of temporary outfall sewer bet. Higuera St. and Overland Ave., were:

C. E. Green, 230 Grosse Bldg.—for fur. and laying 8702 lin. ft. sewer on five optional types of sewer, as follows: (a) brick conc. sewer, $84,000, (b) precast conc. pipe sewer with complete vit. clay lining, lock bars and tie bands, $109,350, (c) precast conc. pipe sewer omitting invert clay lining, lock bars and tie bands, $101,250, (-2) precast conc. no clay lining, $90,450, (d) Ferguson segment block sewer, $99,900, (e) Wood stave pipe sewer, $84,000.

W. D. McCray, 416 American Bank Bldg., (a) $103,000, (b) $108,000, (c) $99,800, (d) $97,400, (e) $87,800.

Croatian-American Inv. Co., Inc., 208 W 2nd St., (a) $113,126, (b) 121,828, (c) $130,530, (d) $121,128, (e) $113,126.

Charles Thompson and Charles U. Heuser, 328 Loew State Bldg. (a) $125,000, (b) $125,000, (c) $118,000, (d) $120,000, (e) $96,500, (f) $109,000.

R. E. Cooney, Los Angeles, (a) ... (b) $140,000, (c) $130,000, (d) $130,000, (e) ...

C. A. Spicer, 123 N Kingsley Dr., (a) $150,000, (b) $12,000, (c) $116,000, (d) $136,000, (e) $110,000. Additional alternate: precast conc. pipe sewer omitting clay lining, lock bars, and tie bands, pipe of same quality as types b and c, $105,000.

SAN BRUNO, San Mateo Co., Cal.—City trustees, Nettie A. Willits, clerk, declares intention to imp. portions of Tucker, Linden, Poplar, Elm, Acacia, Cypress and Hazel Aves., by const. conc comb. conc. curbs and gutters; cem. conc. walks; grade and pave with waterbound macad. base with asphaltic oil and screenings surface; portions of Cedar, Maple, Cherry, Chestnut, Beach, Oak, Hazel, Cypress, Niles Aves., by grading and rolling; portions of Linden, Poplar, Elm, Acacia Aves., by const. rein. conc. bridges; portions of Cypress Ave., by const. rein. conc storm water conduits; portions of Tucker, Linden, Poplar, Elm, Acacia, etc., by const. 10, 8 and 6-in. vit. sanitary sewers; br. manholes; 27, 24 and 21-in. vit. pipe storm sewers; br. storm water catchbasins; 4-in. vit. lateral sewers, etc. 1911 Act and Bond Act 1915. Protests March 28. Geo. A. Kneese, courthouse, Redwood City, eng.

TURLOCK, Stanislaus Co., Cal.—City Eng. Horace Hall completing plans to pave Orange St., bet. West Main and city limits.

YUMA, Ariz.—Calif. Culvert Co., 409 Leroy St., Los Angeles, awarded cont. by Yuma County Highway commission at $2516.78 for culverts under contract No. 29, in northern part of Yuma county, involv. 362 ft. 12-in., at 78c ft.; 660 ft. 18-in. at $1.13 ft.; 416 ft. 24-in. at $1.73 ft.; 72 ft. 30-in. at $2.15 ft.; 242 ft. 36-in. at $2.57 ft. Other bids were Western Pipe & Steel Co., 87c 12-in.; $1.24 18-in.; $1.92 24-in.; $2.36 03-in.; $2.85 36-in.; total, $2782.98. Arizona Steel Pipe & Tank Co., 83c 12-in.; $1.17 18-in.; $1.93 24-in.; $2.39 30-in.; $2.82 36-in.; total, $2721.76. California Corr. Culvert Co. submitted another bid using Armco Pipe at $2143.42, involving same quantities at the following prices 97c 12-in.; $1.42 18-in.; $2.16 24-in.; $2.70 30-in. and $3.21 36-in.

SANTA CRUZ, Santa Cruz Co., Cal.—City Council, S. A. Evans, clerk, declares intention to imp. portions of Beach, Dolphin, 2nd Sts., etc., (Kaye-Uhden, Leibrandt Tract Dist. Imp.) involv. 540.44 lin. ft. 10-in. 166.45 lin. ft. 12-in., 678.41 lin. ft. 15-in., 881.80 lin. ft. 18-in., and 845.42 lin. ft. 24-in. vit. clay drain pipe; 119 lin. ft. 12-in. and 185 lin. ft. 18-in. corru. metal drain pipe; 20 storm water drain manholes; 3 combination catch basins and manholes; 3 Type No. 1, 12 Type No. 3 and 7 Type No. 4 concrete catchbasins; 2 conc. intake basinns; 1 18-in. and 2 24-in. automatic gates; 2 conc. headwalls for automatic gates; 675 bd. ft. extra merchantable r. w. lumber for bracing corru. metal pipe; 294.58 lin. ft. 12-in. vit. clay sewer pipe; 3 12-in. vit. clay wye branches. 1911 Act. Protests March 27. James K. James, city eng.

NAPA, Napa Co., Cal.—Carillo and Lisher, Napa, at $394 awarded cont. by supervisors to const. and repair walks at county courthouse. Simon Lenz & Son bid $446.94.

VENICE, Cal.—Council declares intention to imp. Grand View Ave., bet. Washington Blvd. and Woodlawn Ave. by paving with 1½-in. Willite surface on 2-in. asph. conc. base; const. conc. drain outlet, conc. curbs, four manholes. 1911 Act.

MAYFIELD, Santa Clara Co., Cal.—Town trustees will call election to vote bonds of $7500 for sewer improvements.

OAKLAND, Cal.—City Council, E. K. Sturgis, clerk, declares intention (No. 26039) to imp. 96th Ave., from E-14th St. to Foothill Blvd. and portions of certain streets adjacent to 96th Ave.: grade and pave with oil macad.; conc. curbs, gutters and cem. walks; wood culverts with wing walls; vit. pipe conduits; 4 br. storm inlets; corru. iron and conc. culverts. 1911 Act. Protests March 29. W. W. Harmon, city engineer.

NEWPORT BEACH, Cal.—Calif. construction Co., 58 Second St., San Francisco, awarded contr. by trustees to pave Central Ave., and other streets, involv. 140,000 sq. ft. conc. paving at 39c ft.; 19,500 ft. curb at 70c ft.; 6800 sq. ft. conc. walk at 18.5c ft.; stand. curb drains, $52 each.

HOQUIAM, Wash.—City clerk will ask bids shortly to const. five miles of sewers in Emerson Ave. district; est. cost $75,000.

BERKELEY, Alameda Co., Cal. — City council, E. M. Hann, clerk, declares intention to const. 6-in. vit. sewer in Sacramento St., from sewer in Bancroft Way north 500 ft. incl. const. of br. manholes and 1 lamphole. 1911 Act. Protests March 27. C. L. Huggins, city engineer.

STOCKTON, San Joaquin Co., Cal.—Until April 3, 10:30 a. m., bids will be rec. by A. L. Banks, city clerk, to const. conc. walks, 3½ ft. wide, 4-in. thick and comb. conc. curbs and gutters in Blains Lane bet. N Sutter and N California St. Cert. check 10% payable to city req. W. B. Hogan, city engineer.

SANTA ANA, Cal.—Wells and Bressler, 3 California Bank Bldg., Santa Ana, awarded contrs. by city trustees to imp. following streets:

McClay St., bet. East First and East 4th Sts., involv. 28,918 sq. ft. 5-in. conc. pavement at 50c ft.

N Artesia St., bet. West First and West Fifth Sts., involv. 44,560 sq. ft. 6-in. conc. paving at 23.25c ft.; 16,259 sq. ft. 5-in. conc. paving at 21c ft.; 1241 ft. curb at 60c ft.; 532 ft. hse. sewers at 50c ft.; reinf. conc. culvert at $300.

LOS ANGELES, Cal. — Council declares intention to imp. under Vrooman Act, following streets:

Meridian St., bet. Marle Ave. and Annandale Blvd., grade, pave with cem. conc.; const. curb, walk, gutter.

Van Ness Ave., bet. Lemon Grove and Van Ness Ave., grade, pave with 6-in. conc.; const. curb, gutter, 5-ft. walk, 29 6-in. vit. hse. sewers.

First alley south of Pennsylvania Ave., bet. State and Bailey Sts., grade, pave with 2-in. asph. pavement on 5-in. conc.; const. curb, gutter.

Long Beach Ave., bet. 51st and 53rd Sts., grade, pave with 6-in. conc., const. curb, walk.

SAN DIEGO, Cal.—City Eng. F. A. Rhodes completes spec. to imp. Goldfinch, Bush and Ibis Sts., involving 152,432.4 sq. ft. paving with 1½-in. asph. conc. wearing surface on 2½-in. bit. base; 608.3 sq. ft. cem. sidewalk; 133 lin. ft. cem. curb; 1 4-in. cem. sewer lateral 35 ft. long; 1 4-in. cem. sewer lateral 30 ft. long; 1 6-in. cem. sewer lateral 30 ft. long; 1911 Act.

SAN FRANCISCO—Until March 21, 3 p. m., bids will be rec. by Bd. Pub. Wks for extension of Rolph St. to Mission St., involv. 2846 cu. yds. cut; 460 lin. ft. conc. curb; 5810 sq. ft. asph. conc. pavement 267 sq. ft. asph. conform pavement; 1900 sq. ft. art. stone walks; 1 br. catchbasin. Est. cost $4600; funds to be derived from Budget Item No. 92. Spec. obtainable from office of City Eng. M. M. O'Shaughnessy, 3rd floor, city hall.

SAN FRANCISCO.—City Eng. M. M. O'Shaughnessy completes spec. to imp. Collins St., bet. Rose and Geary Sts., and St. Rose's Ave., bet. Collins and Wood Sts., involv. the redressing and resetting of 35 lin. ft. granite curbs; const. 40 lin. ft. conc. curbs; 1245 sq. ft. asph. conc. pavement; est. cost $450.

LA GRANDE, Ore.—Until March 30, 2 p. m., bids will be rec. by Clyde R. Seitz, county roadmaster, to const. road bet. Island City and Cove, involv. 13.3 miles surfacing and approx. 6.13 miles paving.

Separate bids, same date for road bet. Island City and McLain Lane, involv. 6.75 mi. surfacing.

Separate bids, same date, for road bet. imbler and Summerville, involv 3 mi. surfacing.

Cert. check 5% req. Plans obtainable from above on deposit of $5.

SAN FRANCICSO.—City Eng. M. M. O'Shaughnessy completes spec. to imp. McKinnon Ave., bet. Newhall and Phelps, where not already improved, involv. 371 lin. ft. conc. curb; 1436 sq. ft. art. stone walks; 12,830 sq. ft. asph. conc. pavement; 5 br. catchbasins; 205 lin. ft. 10-in. ironstone pipe culverts; est cost, $5500.

SAN LUIS OBISPO, Cal.—City engr. W. B. Burch preparing spec. to pave Higuera St., bet Chorro and Santa Rosa Sts.; work to be undertaken as soon as underground pipe and sewers are in.

SACRAMENTO, Cal.—City council, H. G. Denton, clerk, declares intention to imp. following streets, under 1911 Act and Bond Act 1915, protests to be heard March 29; Albert Givan, city eng.

"T" St., bet. 9th and 28th Sts., intersection of 13, 14, 15, 16, 21 and 22nd Sts., const. conc. curbs and gutters; reconst. manholes; grade, 2-in. asph. conc pavement.

17th St., bet. "D" and "Q" Sts., except intersections of E, G, H, I, J, K, L, M, N, O, and P Sts., placing c. i. gutter drains with 6-in. vit. manhole connections; const. conc. curbs and gutter; reconst. manholes and catchbasins; grade, 2-in. asph. conc. pavement.

31st St. from manhole in "J" St. to pt. 560 ft. north; const. vit. sewer with wyes; conc. manhole with c. i. cover and curb.

"L" St., bet. 15th and 26th Sts., except intersection of 16th St., reconst. catchbasins and manholes; grade, 2-in. asph. conc. pavement.

18th St., from alley bet. B and C Sts. to It St., except intersections of E, G, H, I, J, K, L, M, N, O, P, and Q Sts., const. conc. curb and gutter; place c. i. gutter drains with 6-in. vit manhole connections; reconst. and const. new conc. manholes; place protective covering over sewer where top is less than 1½-in. below sub-grade; 8-in. vit. manhole connections; remove trees; grade, 2-in. asph. conc. pavement; also D St. from 18th St. to pt. east, const. conc. curb and gutter; grade, 2-in. asph. conc pavement.

SALEM, Ore.—Until March 27, bids will be rec. by Oregon State Highway Comm., meeting in Multnomah County Courthouse, Portland, for following highway projects:

Coos County — Lamprey Creek-Fat Creek Sec., Roosevelt-Coast Highway, 7.75 mi. grading, 318,000 cu. yds excavation.

Deschutes County — Redmond-Cline Section, McKenzie Highway, 4.78 mi. grading and surfacing, 25,000 cu. yds. excavation and 10,000 cu. yds. surfacing materials.

Tumalo-Deschutes River Sec., Bend-Sisters Highway, 1.37 mi. grading and surfacing, 7300 cu. yds. excavation and 1800 cu. yds. surfacing materials.

Douglas County — Approaches to bridge at Winchester, Pacific Highway, 0.54 mi. grading, 25,000 cu. yds. excavation.

Lane County — Eugene-Goshen Sec., Pacific Highway, 4.8 mi. pavement resurfacing.

Creswell Sec., Pacific Highway, 0.63 mi. paving.

Lincoln County — Otter Rock-Agats Beach Sec., Roosevelt-Coast Highway, 5.75 mi. grading; 221,000 cu. yds. excav.

Morrow County—Furnishing crushed gravel at Castle Rock, Columbia River Highway, 16,000 cu. yds. surfacing materials.

Herbert Nunn, state highway eng.

YUBA CITY, Sutter Co., Calif.—Board of Directors of Joint Highway District No. 3 of State of California, set March 24th, 10 a. m. as date to hear report and consider plans of C. W. Deterding, engineer, for joint highway to be constructed in Sutter and Sacramento counties. Project is described as follows Beginning at south end of pave highway running south from Yuba City, the point of beginning being approx. 2½ mi. north of Tudor in Sutter county. The road then follows present county road and new right of way just west of the Feather river, a distance of 10.74 mi. to west levee of the Feather river at the west end of proposed trestle now under construction by Sutter county; thence across trestle over Feather river, approx. 0.56 mi. to east bank of the Feather river at Nicolaus; thence south along an improved asphalt macadam road, approx. 2.39 mi. to point on levee of reclamation district No. 1001; thence along levees of district 1001 and district 1000, approx. 15.75 mi. to north end of concrete pavement on the Natomas boulevard.

Hearing will be held in Supervisor's Chambers, Yuba City. Directors of district are: James K. O'Brien, John A. Russi and J. B. Helken.

REDONDO, Cal.—Shattuck Const. Co. Marsh-Strong Bldg., Los Angeles, has started improvement work on the Palos Verdes project, which will involve a large amount of grading and highway and engineering construction. H. T. Cory, with headquarters in the Redondo hotel bldg., Redondo, is chief engineer of the project.

BAKERSFIELD, Kern Co., Cal. — Council declares intertion to improve 20th, 21st, R and other streets by grading; paving with 1½-in. Warrenite-Bit. paving on 3½-in. asph. conc. base; const. catch basins and culverts. 1911 Act. V. Van Riper, city clerk.

WATTS, Cal.—Geo. R. Curtis, 2440 E 26th St., Los Angeles, awarded cont. by trustees at (1) $33,627 to pave East portion of Main St., involv. 76,915 sq. ft. 5-in. Willite paving at 31c ft.; 3970 sq. ft. gutter at 32c ft.; 1695 ft. 2x12 redwood headers at 25c ft.; 1160 ft. curb at 75c ft.; 1695 lin. ft. grading at $2 ft. and at (2) $17,668 to pave west portion of Main St., involv. 48,654 sq. ft. 5-in. Willite paving at 31c ft., 902 ft. gutter at 35c ft.; 819 lin. ft. grading at $2. Other bids were: Kneen Paving Co. (1) $34,067.63, (2) $18,293.19; Braun, Bryant and Austin, (1) $34,530.25, (2) $18,618; L. A. Paving Co., (1) $34,983.39 (2) no bid.

OAKLAND, Cal. — Hutchinson Co., 1706 Broadway, Oakland, awarded cont. by council to imp. portions of 48th Ave.; grading, $.045 sq. ft.; conc. curb, $.76 lin. ft.; conc. gutter, $.25 sq. ft.; oil macadam pavement, $.11 sq. ft.; cem. walks, $.17 sq. ft.

BERKELEY, Alameda Co., Cal.—City council will be petitioned to pay portion of cost of paving Ashby Avenue. C. L. Huggins, city engineer.

LOS ANGELES, Cal.—Until 10 a. m., Mar. 26, bids will be rec. by Bd. Pub. Wks. to imp. under 1911 Act the following sts:

12th St., bet. Sentous and Alvarado Sts., involv. 129,349 sq. ft. asph. paving; 12,882 sq. ft. conc. paving; 577 ft. curb; 1093 sq. ft. walk; 7406 sq. ft. gutter; 120 ft. hse. sewers.

Rowena St., bet. Glendale Blvd. and Ivanhoe and portions of other streets involv. 434,174 sq. ft. conc. paving; 15,739 sq. ft. grading and oiling; 23,605 sq. ft. curb; 78,322 sq ft. walk; 1152 sq. ft. cem. gutter; catch basins, culverts and san. sewer.

TULARE, Tulare Co., Cal.—Contract held by Frederickson & Shannon, Cory Bldg., Fresno, to pave L St., bet. Alpine and Kern Streets, has been held up by the Superior Court which has prohibited the city of Tulare signing a contract for the work. Linder Hardware Co. is plaintiff in contest over legality of the order of the city trustees of Tulare when, under date of Jan. 22, they issued the order for the paving. Hearing on the application for a permanent injunction will come up shortly. The contract amounts to approx. $50,000.

REDWOOD CITY, San Mateo Co., Cal. —City Eng. C. L. Dimmitt preparing spec. to pave cross streets in Redwood Highlands in addition to constructing curbs and gutters, from Iris St. to the west end of the tract. Approx. cost $30,000.

OAKLAND, Cal. — Hutchinson Co., 1706 Broadway, Oakland, awarded cont. by council to imp. E-17th St., bet. 24th Ave. and pt. 187.74 ft. southeast; grade, $.06 sq. ft.; conc. curb, $.75 lin. ft.; conc. gutter, $.25 sq. ft.; oil macadam pave, $.13 sq. ft.

SAN RAFAEL, Marin Co., Cal.—Until March 26, 8 p. m., bids will be rec. by E. W. Smith, city clerk, to grade and pave Third St., from Mary St. to pt. 2300 ft. east to city limits, involv. 2625 cu. yds. embankment; 4068 cu. yds. waterbound macadam. Cert. check 10% payable to Mayor req. Spec. obtainable from clerk.

REDWOOD CITY, San Mateo Co., Cal.—City trustees, W. A. Price, clerk, declare intention to imp. portions of Oak Knoll Dr., Brewster, Opal, Westgate Aves., etc. etc.; grade, pave full width with crushed rock, rock screenings and asphaltic road oil; const. comb. conc. curbs and gutters; sidewalks; 60-ft. corru. iron pipe culvert; 2 corru. iron arch culverts, 30-in. wide, 3 ⅜-in. high and 52-ft. long (approx. total cost $110,000). 1911 Act. Protests April 2. C. L. Dimmitt, city eng.

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BUILDING CONTRACTS

SAN FRANCISCO COUNTY

$1,000 and Over Reported

The following is an index for the contracts for this issue.

No.	Owner	Contractor	Amt.
863	Nelson	Owner	4000
864	Same	Same	3000
865	Same	Same	6000
866	Same	Same	3000
867	Same	Same	3000
868	Same	Same	5000
869	Same	Same	3000
870	Same	Same	3000
871	Same	Same	3000
872	Same	Same	3000
873	Same	Same	10000
874	Same	Same	3000
875	Same	Same	4000
876	Same	Same	10000
877	Hueter	Boxton	5000
878	Sala	Mitchell	12000
879	Smith	Nelson	4000
880	Trinity	Urfer	3500
881	Hastings	Martinelli	2500
882	Lane	Rath	1600
883	Hill	Hatwzsche	3800
884	Hueter	Boxton	10000
885	Born	Born	12000
886	Saul	Owner	1500
887	Bender	Owner	8500
888	Hess	Stiefel	14000
889	Growall	Lange	260000
890	Reinhart	Owner	5000
891	Novello	Owner	3600
892	Page	Robinson	3191
893	Yates	Yates	4000
894	Carretti	Filippis	2600
895	Pacific	Olson	5575
896	Same	O'Mara	1483
897	Same	Trousdale	1533
898	Heagerty	Hansen	5150
899	Knabenschuh	Owner	5850
900	Macaret	Merritt	1200
901	Counter	Hamerton	45000
902	McClenahan	Owner	10500
903	Loctein	Shea	1000
904	Johnson	Owner	6000
905	Duffee	Owner	5000
906	Hansen	Hansen	5000
907	Smith	O'Neill	4000
908	Pacific	Wilhelm	7500
909	Bohlig	Johnson	4000
910	Olsen	Olsen	12000
911	Hind	Forrest	12000
912	Same	Same	4000
913	Heyman	Owner	2500
914	Gibbons	Meinberger	6400
915	Scherberg	Wilson	1590
916	Heyman	Owner	2500
917	Moody	Parker	81000
918	Same	Same	51000
919	Same	Same	81000
920	Murphy	Oyer	6000
921	McKillop	Axdel	4800
922	Meyer	Adler	12000
923	Golobricks	Maguire	1500
924	Galodey	Delmarter	3500
925	Wise	Thorup	5000
926	Thompson	Meyer	3000
927	Lang	Arnott	5800
928	Grey	Meyer	6000
929	Mission	Owner	1000
930	Sorbi	Owner	3000
931	Moller	Meyer	3000
932	Thompson	Meyer	6000
933	Prior	Smith	2700
934	Beccuti	Moretton	9880
935	Muller	Reilly	13000
936	Clark	Rintoul	1630
937	Stimmel	Parker	7650
938	Garden	Mangels	7367
939	Wiseman	Meyer	22500
940	Dold	Owner	8750
941	General	Mullen	2000
942	Petri	Farnocchia	1000
943	Adams	Moren	3000
944	Sharp	Anderson	1500
945	Arnott	Arnott	15600
946	Hallenquist	Nelson	5900
947	Poitz	Owner	7000
948	Hamill	Owner	6000
949	Shell	Owner	1493
950	Shell	Owner	1400
951	Lang	Arnott	23400
952	Janssen	Owner	13000
953	Voorhies	Owner	36000
954	Allred	Owner	10000
955	Same	Same	18000
956	Nelson	Nelson	35000
957	Christie	Martin	40000
958	Christie	Martin	15000
959	Anderson	Owner	7000
960	McKillop	Owner	45000
961	Weil	Barrett	2000
962	Voorhies	Owner	6000
963	Levin	S F Motor	7250
964	Hastings	Martinelli	2458
965	Thomas	Nelson	9277
966	Johnson	Owner	35000
967	Herlihy	Mooney	3000
968	Peck	Petersen	8000
969	Lally	Mitchell	16000
970	Neal	Owner	40000
971	Nelson	Owner	3250
972	Knabenschuh	Owner	4000
973	Georgeoua	Petersen	5000
974	Misfrud	Owner	1000
975	MacAdama	Owner	1400
976	Barun	Owner	20000
977	Reichel	Owner	1500
978	Nelson	Owner	3000
979	Hansen	Owner	9000
980	Hansen	Owner	6000
981	Keenan	Owner	30000
982	Moneta	Arnott	5157
983	Garden Homes	Mangels	4000
984	Bricca	Owner	185000
985	Joel	Spargo	20000
986	Ginley	Owner	15000
987	Lanson	Mattock	13500
988	Hamilton	Stephensen	12000
989	Bernstein	Owner	8000
990	Gawthorne	Brown	5000
991	Gernetti	Ennis	7800
992	Hayman	Meyer	2000
993	Mohler	Owner	4000
994	Morris	Owner	8000
995	6th Church	Owner	100000
996	Same	Carlin	3180
997	Anzalone	Cantrell	3300
998	Christie	Martin	13543
999	Same	Brown	1188
1000	Same	Neal	145
1001	Same	Band	989
1002	Same	Martin	40200
1003	Same	Neal	385
1004	Same	Brown	808
1005	Same	Band	1366

DWELLING
(863) SW VALDEZ AND MONTEREY Blvd. One-story frame dwelling.
Owner—Nelson Bros., 1375 Plymouth Ave., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. $4000

DWELLING
(864) E FAXON AVE 163 N Elmwood. One-story and basement frame dwelling.
Owner—Nelson Bros., 1375 Plymouth Ave., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. $3000

DWELLINGS
(865) W VALDEZ 115 and 129 N Monterey Blvd. Two one-story and basement frame dwellings.
Owner—Nelson Bros., 1375 Plymouth Ave., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. $3000 each

DWELLING
(866) W VALDEZ 49 N Montecito. One-story and basement frame dwelling.
Owner—Nelson Bros., 1375 Plymouth Ave., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. $3000

DWELLING
(867) W FAXON AVE 161 N Elmwood Way. One-story and basement frame dwelling.
Owner—Nelson Bros., 1375 Plymouth Ave., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. $3000

DWELLING
(868) NE PLYMOUTH AVE & MIRamar. One-story and basement frame dwelling.
Owner—Nelson Bros., 1375 Plymouth Ave., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. $5000

DWELLING
(869) E COLON 150 N Montecito. One-story and basement frame dwelling.
Owner—Nelson Bros., 1375 Plymouth Ave., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. $3000

DWELLING
(870) W VALDEZ 35 S Monterey. One-story and basement frame dwelling
Owner—Nelson Bros., 1375 Plymouth Ave., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. $3000

DWELLING
(871) W VALDEZ 209 N Montecito. One-story and basement frame dwelling.
Owner—Nelson Bros., 1375 Plymouth Ave., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. $3000

DWELLING
(872) S STAPLES 90 W Phelan Ave. One-story and basement frame dwelling.
Owner—Nelson Bros., 1375 Plymouth Ave., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. $3000

DWELLINGS
(873) W PLYMOUTH AVE 259 and 379 N Montecito. Two one-story and basement frame dwellings.
Owner—Nelson Bros., 1375 Plymouth Ave., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. $5000 each

DWELLING
(874) E MIRAMAR 104 S Plymouth. One-story and basement frame dwelling.
Owner—Nelson Bros., 1375 Plymouth Ave., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. $3000

DWELLING
(875) SE VALDEZ AND MONTEREY Blvd. One-story and basement frame dwelling.
Owner—Nelson Bros., 1375 Plymouth Ave., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. $4000

DWELLINGS
(876) N PLYMOUTH AVE 319 and 439 N Montecito. Two one-story and basement frame dwellings.
Owner—Nelson Bros., 1375 Plymouth Ave., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. $5000 each

DWELLING
(877) E SAN FERNANDO WAY 155 S Monterey Blvd One and one-half-story and basement frame dwlg.
Owner — O. M. Hueter, 805 Flatiron Bldg., San Francisco.
Architect—Harold G. Stoner, % Lang Realty Co., 1st National Ban Bldg., San Francisco.
Contractor—Boxton & Zwieg, 809 Flatiron Bldg., S. F. $5000

DWELLINGS
(878) N ARMY 25, 50 and 75 E York Three two-story and basement frame dwellings.
Owner—A. G. Sala, 16th and Valencia St., San Francisco.
Architect—None.
Contractor—Thos. F. Mitchell & Son, 1370 Utah St., S F. $4000 each

DWELLING
(879) E MIRAMAR 64 S Plymouth Av. One-story and basement frame dwelling.
Owner—Elliot Smith, 85 Westwood Park, San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.
Contractor—Nelson Bros., 1375 Plymouth Ave., S. F. $4000

REPAIRS
(880) SW CAPP & TWENTY-THIRD. Repair fire damage to church.
Owner—Trinity Presbyterian Church, Premises.
Architect—None .
Contractor—Chas. E. Urfer, 134 Halleck St., San Francisco. $3500

ALTERATIONS
(881) NO. 421 KEARNY. Install plate glass and tile store front; remove and construct new stairs; wood lath and plastering; rearrange electric work; cold water painting in basement.
Owner—J. W. Hastings, 425 Kearny St., San Francisco.
Architect—W. H. Crim Jr., 425 Kearny St., San Francisco.
Contractor—J. Martinelli, 180 Jessie St., San Francisco. $2500

STORE ROOM
(882) SW SICKLES 237 NW Winnipeg One-story frame store room.
Owner—James Lane, 253 Sickles Ave., San Francisco.
Architect—None.
Contractor—Adam Roth, 39 Greenwood Ave., San Rafael. $1600

FACTORY
(883) NE ARMY AND SAN BRUNO Ave. Two-story and basement frame factory.
Owner—Hill-Hubbell & Co., 115 Davis St., San Francisco.
Architect—None.
Contractor—G. M. Hatnzsche, 528 31st Ave., San Francisco. $3800

DWELLINGS
(884) W SAN LEANDRO 35 N Darien Way. Two one-story and basement frame dwellings.
Owner — O. M. Hueter, 806 Flatiron Bldg., San Francisco.
Architect—Horald G. Stoner, % Lang Realty Co., 1st Nat'l. Bank Bldg., San Francisco.
Contractor—Boxton & Zwieg, 809 Flatiron Bldg., S. F. $5000 each

RESIDENCE
(886) N SANTA CLARA AV 93 W San Anselmo, Ptn. lots 10 and 11 St. Francis Wood. Two-story and basement frame residence.
Owner—S. A. Born, San Mateo.
Designer—Geo. A. Born, 660 Market St., San Francisco.
Contractor—S. A. Born Bldg. Co., 660 Market St., San Francisco. $12,000

ALTERATIONS
(886) NO. 115 BEULAH. Alter residence for (2) flats; electric work, plumbing, etc.
Owner—Mrs. E. P. Saul, Premises.
Architect—None. $1500

FLATS
(887) N BALBOA 95 W Fourth Ave. Three-story frame (2) flats and store.
Owner—John and Emma Bender.
Architect—E. A. Neumarkel, 544 Market St., San Francisco. $8500

FRAME FLATS
(888) SE CALIFORNIA & TWENTY-second Ave. Two-story and basement frame (4) flats.
Owner—N. Hess & Son, 5797 California St., San Francisco.
Architect—None.
Contractor—John V. Stiefel, 184 23rd St., San Francisco. $14,000

APARTMENTS
(889) SW CHESTNUT AND LARKIN. Eight-story and basement Class B (32) apartments.
Owner—W. L. Growell, Mutual Bank Bldg., San Francisco.
Architect—Wm. Knowles, 1301 Hearst Bldg., San Francisco.
Contractor—Lange & Bergstrom, Sharon Bldg., S. F. $260,000

SHED
(890) SE BARNEVELD & JERROLD Ave. One-story frame lumber shed
Owner — Reinhart Lumber & Planing Mill Co., 17th and Kansas Sts., S. F.
Architect—None. $5000

DWELLING
(891) E VIENNA 75 SE France. One-story and basement frame dwlg.
Owner—Joseph Novello, 172 Bertita St., San Francisco.
Architect—None. $3600

ALTERATIONS
(892) NO. 120 MAIDEN LANE. Alter store front; erect marquise; tile partition; mezzanine floor, etc., for candy store.
Owner—Page & Shaw, Premises.
Architect—None.
Contractor—Robinson & Gillespie, 1051 Sutter St., San Francisco. $3191

DWELLING
(893) S SIXTEENTH AVE 175 S Judah. One-story and basement frame dwelling.
Owner—Yates & Cooke, 124A Parnassus Ave., San Francisco.
Architect—None.
Contractor—W. H. Yates, 124A Parnassus Ave., S. F. $4000

ALTERATIONS
(894) NO. 1924 LOMBARD. Alter for residence and private garage.
Owner—A. Carretti, 1901 Jackson St., San Francisco.
Architect—None.
Contractor—V. Filippis, 1527 Powell St., San Francisco. $2600

ADDITION
(895) INT E OTIS and NW Mission N 311-8⅝ SE 92 SW 285-8¾. Carpenter, hardware, metal and tin work for two additional stories to present building.
Owner—The Pacific Embroidery Co., 110 Sutter St., San Francisco.
Architect — Albert W. Burgren, 110 Sutter St., San Francisco.
Contractor—Andrew Olson and E. S. Persson, 289 Fell St., S. F.
Filed Mar. 9, '23. Dated Mar. 8, '23.
When 3d story maple floor laid. $1500
Completed and accepted..... 2700
Usual 35 days..... 1375
TOTAL COST, $5575
Bond, none. Limit, as fast as possible. Forfeitfi none. Plans and specifications filed.

(896) STEAM HEATING ON ABOVE.
Contractor—J. E. O'Mara Co., 449 Minna St., San Francisco.
Filed Mar. 9, '23. Dated Mar. 8, '23.
Roughing in done.....$500
Completed and accepted..... 510
Usual 35 days..... 483
TOTAL COST, $1483
Bond, none. Limit, as fast as possible. Forfeit, none. Plans and specifications filed.

(897) PLUMBING, ETC., ON ABOVE.
Contractor—W. E. Trousdale, 1728 Sacramento St., San Francisco.
Filed Mar. 9, '23. Dated Mar. 8, '23.
Roughing in done.....$600
Completed and accepted..... 548
Usual 35 days..... 385
TOTAL COST, $1533
Bond, none. Limit, as fast as possible. Forfeit, none. Plans and specifications filed.

BUNGALOW
(898) SE OTSEGO AVE 116.55 SW San Juan Ave SW 35.29 S 55° 51' E 127.54 N 24° 64' E 35.46 th 55° 51' W 124.34 Lot 6 and Ptn Lots 5 and 7 Blk "K" Mission Terrace. All work for one-story and basement bungalow.
Owner—Wm. H. & Florence Heagerty, 2902 Mission St., San Francisco.
Architect—Ida F. McCain, 318 Kearny St., San Francisco.
Contractor—Walter E. Hansen, 1919 San Jose Ave., San Francisco.
Filed Mar. 9, '23. Dated Jan. 19, '23.
Enclosed $1287.50
Brown coated 1287.50
Completed and accepted.... 1287.50
Usual 35 days..... 1287.50
TOTAL COST, $5150.00
Bond, none. Limit, 100 days. Forfeit, none. Plans and specifications filed.

BUILDING
(899) LOT 3 BLK 5 LAKEVIEW. All work for 2-story frame building.
Owner—Charles J. Knabenschuh, 685 San Jose Ave., S. F.
Architect—Irwin Reichel
Contractor — Knabenshuh & Morrison, 180 Jessie St. S. F.
Filed Mar. 9, 1923. Dated Mar. 1, 1923.
Frame up $1096.60
Roof, rough plumbing and wiring completed 1096.50
Brown coated and rough carpenter work done 1098.00
Usual 35 days 1402.50
TOTAL COST, $6850
Bonds, none; Sureties, none; Forfeit, none; Limit, 150 days; Plans and specifications, none.

ALTERATIONS
(900) 200 DIVISADERO ST. Alterations to building.
Owner—John Macaret, 410 Duboce Ave. San Francisco.
Architect—None.
Contractor—Geo. M. Merritt Building Co., 3014 Geary St., S. F.
Filed Mar. 9, 1923. Dated Dec. 22, 1922.
TOTAL COST, $1200
Bonds, none; Sureties, none; Forfeit, none; Limit, none; Plans and specifications, none.

APARTMENTS
(901) NE FULTON AND SECOND Ave. Three-story and basement frame (12) apartments.
Owner—E. C. Counter, 475 Dewey Blvd San Francisco.
Architect—None.
Contractor — A. C. Hamerton, 475 Dewey Blvd., S. F. $45,000

DWELLINGS
(902) SE BRAZIL AND PARIS. SE PARIS 24-8 and 49-8 SW Brazil Three one-story and basement frame dwellings.
Owner—T. W. McClenahan, 333 16th Ave., San Francisco.
Architect—None. $3500 each

ALTERATIONS
(903) NO. 622 SIXTH. Repair front; concrete foundations and cement flooring; plumbing, etc.
Owner—Lactein Food Co., Modesto.
Architect—None.
Contractor—F. J. Shea, 528 Kearny St., San Francisco. $1000

DWELLING
(904) W EIGHTH AVE 250 N Ortega. Two-story and basement frame dwelling.
Owner—Gustaf Johnson, 1819 8th Ave., San Francisco.
Architect—None. $3000

DWELLING
(905) W TENTH AVE 125 N Kirkham. Two-story and basement frame dwelling.
Owner — Alpheus Duffee, 685 Dolores St., San Francisco.
Architect—None. $5000

DWELLING
(906) E TWENTIETH AVE 100 S Pacheco. One-story and basement frame dwelling.
Owner—May T. Hansen, 2020 20th Ave., San Francisco.
Architect—None.
Contractor—L. Hansen, 2020 20th Ave., San Francisco. $5000

ALTERATIONS
(907) S CHANNEL 200 W Third. Install windows, partitions, etc., for offices.
Owner—Wm. D. Smith Lumber Co., Channel St. near 3rd, S. F.
Architect—None.
Contractor—Daniel O'Neill, 273 Minna Ct., San Francisco. $1000

REPAIRS
(908) W HARRISON bet. 18th and 19th. Repair fire damage to foundry.
Owner—Pacific Foundry Co., Prem.
Architect—None.
Contractor—A. H. Wilhelm, 180 Jessie St., San Francisco. $7500

UNDERPIN
(909) NO. 1740 POST. Underpin dwlg.
Owner—Mrs. L. Bohlig, SE Pine and Powell Sts., San Francisco.
Architect—Alvin J. Stern, 712 Market St., San Francisco.

Contractor—L. M. Johnson, 1920 Pine St., San Francisco. $4000

DWELLINGS
(910) S SANTA YNEZ 95, 115 and 120 E Delano. Three one-story and basement frame dwellings.
Owner—Amanda Olsen, 360 Granada Ave., San Francisco.
Architect—H. C. Baumann and Edw. Jose, 251 Kearny St., S. F.
Contractor—Olaf Olsen, 360 Granada Ave., San Francisco. $4000 each

DWELLINGS
(911) W BOSWORTH 25, 50 and 75 E Milton. Three one-story and basement frame dwellings.
Owner—Alfred E. Hind, % Architect.
Architect—W. G. Hind, 3746 West St., Oakland.
Contractor—Frank S. Forrest, % Archt. $4000 each

DWELLING
(912) NE BOSWORTH AND MILTON. One-story and basement frame dwelling.
Owner—Alfred E. Hind, % Architect.
Architect—W. G. Hind, 3746 West St., Oakland.
Contractor—Frank S. Forrest, % Archt. $4000

DWELLING
(913) E SEARS 484 S Sickles. One-story and basement frame dwlg.
Owner—Oscar Heyman & Bro., 742 Market St., San Francisco.
Architect—Alvin J. Stern, 742 Market St., San Francisco. $2500

FLAT BLDG.
(914) LOT 16 BLK 2979-A, Claremont Court. All work for one store and flat building.
Owner — Chas. P. Gibbons, 41 Santa Ana Ave., San Francisco.
Architect—None.
Contractor — H. S. Meinberger, 5720 California St., San Francisco.
Filed Mar. 10, '23. Dated Mar. 7, '23.
Rough frame up.....$1610
Plaster on 1610
Completed 1610
Usual 35 days..... 1610
TOTAL COST, $6400
Bond, none. Limit, 120 days. Forfeit, plans and specifications, none.

STORES
(915) E NINTH AVE 100 N Clement. One-story frame stores.
Owner—Mrs. N. Scherberg, 1070 Post St., San Francisco.
Architect—None.
Contractor—C. E. Wilson, 186 5th Ave., San Francisco. $1500

DWELLING
(916) W SEARS 460 S Sickles. One-story and basement frame dwelling
Owner — Oscar Heyman & Bro., 742 Market St., San Francisco.
Architect—Alvin J. Stern, 742 Market St., San Francisco. $2500

LOFTS
(917) N TOWNSEND 449 E Sixth. Two story and basement concrete lofts
Owner—Moody Estate Co., Kohl Bldg., San Francisco.
Designer—L. P. DeMartini, 647 Chestnut St., San Francisco.
Engineers—P. Zucco & Co., 166 Geary St., San Francisco.
Contractor— K. E. Parker Co., 519 California St., S. F. $81,000

LOFTS
(918) N TOWNSEND 359 E Sixth. Two-story and basement concrete lofts.
Owner—Moody Estate Co., Kohl Bldg., San Francisco.
Designer—L. P. DeMartini, 647 Chestnut St., San Francisco.
Engineers—P. Zucco & Co., 166 Geary St., San Francisco.
Contractor— K. E. Parker Co., 519 California St., S. F. $51,000

LOFTS
(919) S BLUXOME 449 E Sixth. Two-story and basement concrete lofts.
Owner—Moody Estate Co., Kohl Bldg., San Francisco.
Designer—L. P. DeMartini, 647 Chestnut St., San Francisco.
Engineers—P. Zucco & Co., 166 Geary St., San Francisco.
Contractor— K. E. Parker Co., 519 California St., S. F. $81,000

FRAME FLATS
(920) S CHESTNUT 87-6 E Gough. Two-story and basement frame (2) flats.
Owner—Chas. Murphy, 3028 Broderick St., San Francisco.
Architect—None.
Contractor—O. M. Oyen, 67 Carmel St., San Francisco. $6000

DWELLINGS
(921) E HANOVER 28 and 53 S Guttenberg. Two one-story and basement frame dwellings.
Owner—W. R. McKillop, 852 Moultrie St., San Francisco.
Designer—O. Axdel, 206 Howth St., San Francisco.
Contractor—O. Axdel, 206 Howth St., San Francisco. $2400 each

APARTMENTS
(922) W TWENTY-FIRST AVE 250 N Anza. Two-story and basement frame (4) apartments.
Owner—Henry A. Meyer, 485 22nd Ave. San Francisco.
Plans by Contractor.
Contractor—K. Adler, 493 22nd Ave., San Francisco. $12,000

DWELLING
(923) E SAN BRUNO AVE 75 S Silver Ave. One-story and basement frame dwelling.
Owner—John and Barbara Golobricks, Premises.
Architect—None.
Contractor—J. J. Maguire, Colby St. near Woolsey, Berkeley. $1500

DWELLING
(924) E THIRTY-FIRST AVE 100 S California. One-story and basement frame dwelling.
Owner—Wellington Galodey, 139 Lundy Lane, San Francisco.
Architect—C. D. Delmarter, 5540 Geary St., San Francisco.
Contractor — C. D. Delmarter, 5540 Geary St., San Francisco. $3500

DWELLING
(926) E COLE 80 N Frederick. One-story and basement frame dwlg.
Owner—Tilla Becker Wise, 1121 Stanyan St., San Francisco.
Designer—J. H. Thorup, 654 21st Ave., San Francisco.
Contractor—J. H. Thorup, 654 21st Ave. San Francisco. $5000

DWELLING
(926) E FORTY-FIFTH AVE 55 E **Forty-fifth Ave.** One-story and basement frame dwelling.
Owner—Dr. C. P. Thompson, 410 24th Ave., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Meyer Bros., 5326 Geary St., San Francisco. $3000

DWELLING
(927) N SOTELLO 400 E Ninth Ave. One-story and basement frame dwelling.
Owner—Lang Realty Co., 1st Nat'l. Bank Bldg., San Francisco.
Architect—None.
Contractor—Jas. Arnott & Son, 235 Granville Way, S. F. $5800

DWELLINGS
(928) E FORTY-FIFTH AVE 80 and 105 S Anza. Two one-story and basement frame dwellings.
Owner—John Grey, 2221 Clement St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Meyer Bros., 5326 Geary St., San Francisco. $3000 each

ALTERATIONS
(929) S SEVENTEENTH bet. Guerrero and Dolores. Plaster front; minor alterations on interior of apartments.
Owner—Mission Realty Co., 2008 Mission St., San Francisco.
Architect—A. J. Horstmann, 303 Anglo Bldg., S. F. $1000

DWELLING
(930) W PARIS 125 S Russia. Two-story and basement frame dwlg.
Owner—A. Sorbi, 63-A Edinburg St., San Francisco.
Architect—Frederick G. Munk Jr., 58 Francis St., San Francisco. $3000

DWELLING
(931) E FORTY-FIFTH 130 S Anza. One-story and basement frame dwelling.
Owner—Gustave Moller, 2221 Clement St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Meyer Bros., 5326 Geary St., San Francisco. $3000

DWELLINGS
(932) S ANZA 85 and 110 E 45th Ave. Two one-story and basement frame dwellings.
Owner—Dr. C. P. Thompson, 410 24th Ave., San Francisco.
Architect—H. C. Baumann, 251 Kearny
Contractor—Meyer Bros., 5326 Geary St., S. F. $3000 each

HOTEL
(933) SW EDDY & MASON. Lathing and plastering of unfinished portion of first floor of Ambassador Hotel.
Owner—The J. K. Prior Estate.
Architect—None.
Contractor—Jas. F. Smith, 273 Minna Sa., San Francisco.
Filed Mar. 12, 1923. Dated Feb. 21, 1923.
Monthly 75%
Usual 35 days 25%
TOTAL COST, $2700
Bond, $1350; Sureties, Daniel McSweeney, Daniel O'Neil; Forfeit, none; Limit, 30; Plans and specifications, none.

BUILDING
(934) INT. NE BRAZIL & SW MADRID 25 x 100 on Madrid. All work for 2-story frame building.
Owner—Pietre Beccuti, premises.
Architect—G. Traverso, 854 Union St., San Francisco.
Contractor—G. Moretton & L. Garino, 727 Madrid St., San Francisco.
Filed Mar. 12, 1923. Dated Feb. 29, 1923.
Enclosed and roof on.....$2470
Brown coated 2470
Completed and accepted 2470
Usual 35 days 2470
TOTAL COST, $3880
Bond, $4940; Sureties, D. Germanetti, Ben Moretton; Forfeit, none; Limit, 90 days; Plans and specifications filed.

FLATS
(935) S NINETEENTH 83 E Castro S 135 x E 28. All work for 2-story and basement frame flat bldg. (except painting, roofing, shades and lighting fixtures).
Owner—Louis Muller, 819 Castro St., San Francisco.
Architect—John F. Beuttler, 110 Sutter St., San Francisco.
Contractor—Reilly & Nemetz, 180 Jessie St., San Francisco.
Filed Mar. 12, 1923. Dated Mar. 8, 1923.
Frame up $2437
Brown coated 2437
Standing finish on 2437
Completed and accepted 2437
Usual 35 days 3252
TOTAL COST, $13,000
Bond, $6500; Sureties, Hartford Accident & Indemnity Co.; Forfeit, none; Limit, 100 days; Plans and specifications filed.

ALTERATIONS
(936) NO. 509 CONNECTICUT. All work for alterations to house.
Owner—Frederick W. Clark, Premises.
Architect—None.
Contractor—Rintoul & Nelson, 522 Connecticut St., San Francisco.
Filed Mar. 12, '23. Dated Sept. 26, '23.
Frame up $500
Rustic and roof on..... 350
Plastered and trimmed..... 450
30 days after.....Balance
TOTAL COST, $1690
Bond, limit, forfeit, plans and specifications, none.

DWELLING
(937) S 25 FEET LOT 15 AND N 15 feet Lot 14 Blk 3252 Balboa Terrace. All work for one and one-half-story frame dwelling and garage.
Owner—Bernard B. Stimmel, Merchants' Exchange Bldg., S. F.
Architect—Harold Stoner, 61 New Montgomery St., San Francisco.
Contractor—C. F. Parker, 15 Merced Ave., San Francisco.
Filed Mar. 12, '23. Dated Feb. 24, '23.

Roof on $1912.50
Brown coated 1912.50
Completed and accepted..... 1912.50
Usual 35 days..... 1912.50
TOTAL COST, $7650.00
Bond, none. Limit, Aug. 24, 1923. Forfeit, none. Plans and specifications filed.

DWELLING
(938) LOT 16 BLK 24 St. Francis Wood Extn. No. 2. All work for frame dwelling.
Owner—Garden Homes Co., 278 Post St., San Francisco.
Architect—Earle B. Bertz, 168 Sutter St., San Francisco.
Contractor—Mangels Bros., 4792 Mission St., San Francisco.
Filed Mar. 12, '23. Dated Mar. 8, '23.
Frame up $1841.75
Brown coated 1841.75
Completed and accepted..... 1841.75
Usual 35 days..... 184175
TOTAL COST, $7367.00
Bond, $3683.50. Sureties, Theresa Gamma and John A. F. Steimke. Limit, 120 days. Forfeit, $5. Plans and specifications filed.

COTTAGES
(939) E THIRTY-FIFTH AVE 75 N Cabrillo. All work for five 6-room cottages.
Owner—H. Wiseman, 2251 Clement St., San Francisco.
Architect—None.
Contractor—Meyer Bros., 5326 Geary St., San Francisco.
Filed Mar. 12, '23. Dated Feb. 23, '23.
Frame up $5625
Brown coated 5625
Completed 5625
Usual 35 days..... 5625
TOTAL COST, $22,500
Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

FRAME FLATS
(940) E TWENTIETH AVE 225 S Cabrillo. Two-story and basement frame (2) flats.
Owner—Walter A. Dold, 1711 Lake St., San Francisco.
Architect—None. $8750

ALTERATIONS
(941) NO. 800 MARKET. Remodel store front; install metal stud lath and plaster partitions.
Owner—General Cigar Co., 3rd and Brannan Sts., S. F.
Architect—None.
Contractor—Millen Mfg. Co., 64 Rausch St., San Francisco. $2000

ALTERATIONS
(942) N VALLEJO 145 E Montgomery. Concrete foundation; underpin dwelling.
Owner—A. Petri, 1503 Grant Ave., S. F.
Architect—None.
Contractor — Farnocchia & Co., 1812 Powell St., San Francisco. $1000

ALTERATIONS
(943) NO. 53 SANCHEZ. Alter for flats; minor additions, cement flooring, etc.
Owner—Mrs. E. H. Adams, 151 24th Ave., San Francisco.
Architect—None.
Contractor—G. R. Moren, 3225 Market St., San Francisco. $3000

ALTERATIONS
(944) NO. 1373 BROADWAY. Rearrange rooms in residence; construct brick fireplace and chimney and add porch.
Owner—Carolina Sharp Estate Co., Premises.
Architect—None.
Contractor—C. A. Andersen, 256 Park Ave., Daly City. $1500

DWELLINGS
(945) E THIRTY-FIRST AVE 120, 150, 180 and 210 N Irving. Four one-story and basement frame dwellings.
Owner—James A. Arnott, 235 Granville Way, San Francisco.
Architect—None.
Contractor — Jas. Arnott & Son, 235 Granville Way, S. F. $3900 each

FRAME FLATS
(946) N SEVENTEENTH 65 E Ord. Two-story and basement frame (2) flats.
Owner—A. A. Hallenquist, 586 Eddy St., San Francisco.
Architect—W. C. Galch, Hearst Bldg., San Francisco.
Contractor—S. E. Nelson, 147 13th St., San Francisco. $5900

FRAME FLATS
(947) W FLORIDA 140 S Twenty-sixth Two-story and basement frame (2) flats.
Owner—Albert W. Poitz, 2885 Bryant St., San Francisco. $7000
Architect—None.

FRAME FLATS
(948) S CLEMENT 82-6 E Seventeenth Ave. Two-story and basement frame (2) flats.
Owner—Thos. Hamill, 6140 Geary St., San Francisco.
Architect—None. $6000

STATION
(949) SW THIRD AVE. AND CALIFORNIA. One-story steel gasoline service station.
Owner—Shell Co. of California, 343 Sansome St., San Francisco.
Plans by Owner. $1400

STATION
(950) NW FOLSOM AND FIFTH. One-story steel gasoline service station.
Owner—Shell Co. of California, 343 Sansome St., San Francisco.
Plans by Owner. $1400

DWELLINGS
(951) S ULLOA 30, 60, 90, 120, 150 and 180 W Waithman. Six one-story and basement frame dwellings.
Owner—Lang Realty Co., 1st National Bank Bldg., San Francisco.
Architect—None.
Contractor — Jas. Arnott & Son, 235 Granville Way, S. F. $3900 each

FLATS
(952) E EIGHTH AVE. 125-3 S Geary E-TWENTIETH AVE. 175 N Geary. 2 2-story and basement frame (2 each) flat buildings.
Owner—E. A. Janssen, 402 Hearst Bldg. San Francisco.
Architect—None. $6500 ea.

FLATS
(953) W LOYOLA TERRACE 74, 40.6, 107, 141, 174, 208 N Fulton. 6 2-sto. and basement frame (2 flats each) flat buildings.
Owner—W. R. Voorhies, 12 Loyola Terrace, San Francisco.
Architect—None. $6000 each

DWELLINGS
(954) W CORONA 50 S Urbano Drive; E CORDOVA 66 S Urbano Drive. 2 2-story and basement frame dwlgs.
Owner—C. S. Allred, 159 Liberty St., San Francisco.
Architect—None. $5000 ea.

DWELLINGS
(955) SE CORONA & URBANO DR.; E CORONA 120 S Urbano Drive; SW URBANO DRIVE & CORONA. 3 1-story and basement frame dwlgs.
Owner—C. S. Allred, 159 Liberty St., San Francisco.
Architect—None. $6000 each

APARTMENTS
(956) NE BUCHANAN & OAK STS. 3 story and basement frame (12) apartments.
Owner—Mrs. Tillie Nelson, 110 Sutter St., San Francisco.
Architect—O. R. Thayer, 110 Sutter St. San Francisco.
Contractor—E. K. Nelson, 77 O'Farrell St, San Francisco. $35,000

LOFTS
(957) N HOWARD 45-10 E Beale. 3-story and basement reinforced concrete lofts.
Owner—Christie Machine Works, 191 Fremont St., San Francisco.
Architect — Dodge A. Riedy, Pacific Bldg., San Francisco.
Contractor—Wm. Martin, 180 Jessie St., San Francisco. $40,000

MACHINE SHOP
(958) N HOWARD 95-10 E Beale. 1-story reinforced concrete machine shop.
Owner—Christie Machine Works, 191 Fremont St., San Francisco.
Architect—Dodge A. Riedy, 850 Pacific Bldg., San Francisco.
Contractor—Wm. Martin, 180 Jessie St., San Francisco. $15,000

FRAME FLATS
(959) S CABRILLO 95 W 24th Ave. Two-story and basement frame (2) flats.
Owner — P. G. Anderson, 114 Stillman St., San Francisco.
Designer—P. C. Fisher, Hearst Bldg., San Francisco. $7000

APARTMENTS
(960) NE OCTAVIA AND PINE. Three-story and basement frame (15) apartments.
Owner—Daniel McKillop, 540 Cole St., San Francisco.
Architect—None. $45,000

UNDERPIN
(961) E FREMONT 137 N Mission. Underpinning with brick.
Owner—C. B. Weil, 65 Battery St., San Francisco.
Architect—None.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco. $2000

FRAME FLATS
(962) W LOYOLA 107-6 N Fulton St. Two-story and basement frame (2) flats.
Owner—W. R. Voorhies, 12 Loyola Terrace San Francisco.
Architect—None. $6000

EXCAVATION
(963) SE WEBSTER AND UNION E 282-6 S 137-6 W 145 N 37-6 W 137-6 N 100. Excavation for building.
Owner — Samuel H. Levin, Chronicle Bldg., San Francisco.
Architect—Reid Bros., 105 Montgomery St., San Francisco.
Contractor—San Francisco Motor Drayage Co., 3417 16th St., S. F.
Filed Mar. 13, '23. Dated Mar. 1, '23.
On completion 50%
60 days after.....Balance
TOTAL COST, $7250
Bond, $3625. Sureties, L. J. Granfield and Genevieve Granfield. Limit, 60 days. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(964) NO. 421 KEARNY. All work except plumbing, electric wiring and finish hardware for alterations to store and loft building.
Owner—J. U. Hastings, 425 Kearny St., San Francisco.
Architect—W. H. Crim Jr. and Hamilton Murdock, 425 Kearny St., S. F.
Contractor—J. Martinelli, 180 Jessie St., San Francisco.
Filed Mar. 13, '23. Dated Mar. 8, '23.
Plastering done, floor laid and store front ready for glass.$921.50
Completed and accepted..... 921.50
Usual 35 days..... 615.00
TOTAL COST, $2458.00
Bond, $1229. Sureties, Frank L. Martinelli and Pilade Carmignani. Limit, 50 days. Forfeit, $15. Plans and specifications filed.

RESIDENCE
(965) LOT 16 BLK 3165, Westwood Park. All work for one-story and basement frame residence.
Owner—Henry J. and Lena R. Thomas.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.
Contractor—Wilson & Benson, 336 Ashton Ave., San Francisco.
Filed Mar. 13, '23. Dated Mar. 9, '23.
Enclosed and roof on.....$2319.25
Brown coated 2319.25
Completed and accepted..... 2319.25
Usual 35 days..... 2319.25
TOTAL COST, $9277.00
Bond, $4638.50. Sureties, Edw. T. Peterson and Chas. Monson. Limit, 90 days after March 10, 1923. Forfeit, none. Plans and specifications filed.

APARTMENTS
(966) SW TWENTY-FOURTH AVE & Lake. Three-story and basement frame (12) apartments.
Owner—Chas. A. Johnson, 36 Steiner St., San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco. $35,000

DWELLING
(967) E ALABAMA 230 S Twenty-sixth. Two-story and basement frame dwelling.
Owner—James Herlihy, 3136 Army St., San Francisco.
Architect—G. A. Berger, 261 Valencia St., San Francisco.
Contractor—G. Mooney. $3000

FRAME FLATS
(968) E SEVENTH AVE 75 S Judah. Two-story and basement frame (2) flats.
Owner—Carl Peck, 2347 Bryant St., San Francisco.
Designer—Antone Petersen, 2770 San Bruno Ave., San Francisco.
Contractor—Antone Petersen, 2770 San Bruno Ave., S. F. $8000

DWELLINGS
(969) W POTRERO AVE 29, 54, 79 and 104 S Nineteenth. Four two-story and basement frame dwellings.
Owner—Peter Lally, 1380 Utah St., San Francisco.
Architect—None.
Contractor—Thos. F. Mitchell & Son, 1370 Utah St., S. F. $4000 each

APARTMENTS
(970) SW LARKIN AND UNION STS. Three-story and basement frame (23) apartments.
Owner—L. J. Neal, 364 Page St., San Francisco.
Architect—E. H. Denke, 1317 Hyde St., San Francisco. $40,000

DWELLING
(971) W MADRONE AVE 115 N Ulloa. One-story and basement frame dwelling.
Owner—Fernando Nelson & Sons, Inc., 2 West Portal Park, S. F.
Architect—None. $3250

DWELLING
(972) N GRAFTON 50 W Brighton. One and one-half-story and basement frame dwelling.
Owner—Chas. J. Knabenschuh, 685 San Jose Ave., San Francisco.
Architect—Irwin Reichel, 1227 Shafter Ave., San Francisco. $1000

DWELLING
(973) W TWENTY-FIFTH AVE 225 N Taraval. One-story and basement frame dwelling.
Owner—George Georgeous, 1290 2nd Ave., San Francisco.
Designer—Anton Petersen, 2770 San Bruno Ave., San Francisco.
Contractor—Antone Petersen, 2770 San Bruno Ave., S. F. $5000

DWELLING
(974) N FITZGERALD 250 E Railroad. One-story and basement frame dwelling.
Owner—Joseph Misfrud, 1639 Jerrold Ave., San Francisco.
Architect—Frank Sherry, 1483 McKinnon Ave., San Francisco. $1000

ALTERATIONS
(975) W FAIR OAKS 184 S Twenty-third. Alter interior of flats.
Owner—Alex MacAdams, 218 Fair Oaks St., San Francisco.
Architect—None. $1400

STORES AND OFFICES
(976) W VALENCIA 92 S Sixteenth. Two-story Class B reinforced concrete stores and offices.
Owner—Fred Braun, % Architect.
Architect—John F. Beuttler, 110 Sutter St., San Francisco. $20,000

RESIDENCE
(977) S VAN DYKE AVE 100 E Keith. Two-story and basement frame residence.
Owner—Walter Reichel, 1483 Van Dyke Ave., San Francisco.
Architect—None. $1500

DWELLING
(978) W COLON AVE 42 N Montecito. One-story and basement frame dwelling.
Owner—Nelson Bros., 1375 Plymouth Ave., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. $3000

DWELLINGS
(979) W DELANO AVE 225, 250 and 275 S San Juan. Three one-story and basement frame dwellings.
Owner—Walter E. Hansen, 1919 San Jose Ave., San Francisco.
Architect—None. $3000 each

DWELLINGS
(980) E SAN JOSE AVE 75 and 100 E San Juan. Two one-story and basement frame dwellings.
Owner—Walter E. Hansen, 1919 San Jose Ave., San Francisco.
Architect—None. $3000 each

DWELLINGS
(981) S ANZA 30, 60, 90, 120, 150 and 180 W Forty-fifth Ave. Six one-story and basement frame dwlgs.
Owner—H. C. Keenan, 639 45th Ave., San Francisco.
Architect—None. $5000 each

RESIDENCES
(982) NW HEARST AV & FOERSTER N 25xW 90 Ptn. Lot 42 Blk 11, Sunnyside. All work except painting, papering, light fixtures, plumbing, sewering, wall beds and shades for two one-story and basement frame residences.
Owner—Moneta Investment Co., 233 Pacific Bldg., San Francisco.
Architect—None.
Contractor—James A. Arnott & Son, 235 Granville Way, S. F.
Filed Mar. 14, '23. Dated Mar. 10, '23.
Frame work completed.....$1289.25
Brown coated 1289.25
Completed and accepted.... 1289.25
Usual 35 days..... 1289.25
TOTAL COST, $5157.00
Bond, none. Limit, 140 days. Forfeit, $10. Plans and specifications filed.

DWELLING
(983) N SANTA MONICA 165 E Santa Paula. One-story and basement frame dwelling.
Owner—Garden Homes Co., 278 Post St., San Francisco.
Architect—Earle B. Bertz, 168 Sutter St., San Francisco.
Contractor—Mangels Bros., 4792 Mission St., San Francisco. $4000

APARTMENTS
(984) S GREEN 223 E Jones. Six-story basement and attic Class B (11) apartments.
Owner—Dr. C. R. Bricca, 802 Humboldt Bank Bldg., San Francisco.
Architect—C. A. Meussdorffer, Humboldt Bank Bldg., S. F. $185,000

STORES
(985) SE FILLMORE AND ELLIS STS. One-story Class C stores.
Owner—The Joel Investment Co., Mills Bldg., San Francisco.
Architect—Reid Bros., 105 Montgomery St., San Francisco.
Contractor — John Spargo, 235 Montgomery St., S. F. $20,000

FRAME FLATS
(986) NW TWENTY-SEVENTH AVE and Clement. Two-story and basement frame (4) flats.
Owner—E. Ginley, 131 5th Ave., S. F.
Architect—None. $15,000

FRAME FLATS
(987) E TAYLOR 63-6 S Broadway. Two-story and basement frame (2) flats.
Owner—Mr. P. Lanson, 956 Jackson St., San Francisco.
Architect—H. C. Baumann and Edw. Jose, 251 Kearny St., S. F.
Contractor — Mattock & Feasey, 251 Kearny St., S. F. $13,500

GYMNASIUM
(988) SE BELVEDERE & WALLER. Three-story frame gymnasium.
Owner—Hamilton M. E. Church.
Architect—Miss Julia Morgan, 1135 Merchants' Exchange Bldg., S. F.
Contractor — J. H. Stephensen, 1525 Waller St., S. F. $12,000

ALTERATIONS
(989) NO. 6 SACRAMENTO. Alter for restaurant, new fixtures, etc.
Owner—Maurice Bernstein, % Architect
Architect—Martin S. Sheldon, 110 Sutter St., San Francisco. $8000

FRAME FLATS
(990) W EIGHTEENTH AVE 300 N Cabrillo. Two-story and basement frame (2) flats.
Owner—Dr. F. A. Gawthorne, 708 Phelan Bldg., S. F.
Architect—None.
Contractor—A. Brown, 708 Phelan Bldg San Francisco. $5000

FRAME FLATS
(991) S CORBETT AVE 350 W Hattie. Two-story and basement frame (2) flats.
Owner—John Gernetti, 195A Corbett Ave., San Francisco.
Architect—None.
Contractor—F. Ennis Jr., 620 Post St., San Francisco. $7800

WAREHOUSE, ETC.
(992) SE QUINT AND CUSTER AVE. One-story frame warehouse and 1-story frame moulding shed.
Owner—Hayman Building Supply Co., Premises.
Architect—None.
Contractor—Meyer Bros., 5326 Geary St., San Francisco. $3000

DWELLING
(993) W TWENTY-EIGHTH AVE 266 N Cabrillo. One-story and basement frame dwelling.
Owner—T. E. Mohler, 458 23rd Ave., San Francisco.
Architect—None. $4000

DWELLINGS
(994) W HAMBURG 186 and 246 S Monterey Blvd. Two one-story and basement frame dwellings.
Owner—G. W. Morris, 152 Jordan Ave., San Francisco.
Plans by Owner. $4000 each

CHURCH
(995) SE CLAY AND DIVISADERO. One-story, basement and mezzanine brick church.
Owner—6th Church of Christ Scientist.
Architect—W. H. Crim Jr., 425 Kearny St., San Francisco. $100,000

EXCAVATING, ETC.
(996) SE DIVISADERO AND CLAY — 106-3 S 127-8¼ W 25 N 25 W 81-3 N 102-8¼. Excavating and grading for one-story mezzanine and basement brick church.
Owner—6th Church of Christ Scientist SE Clay and Divisadero, S. F.
Architect—W. H. Crim Jr., 425 Kearny St., San Francisco.
Contractor—The Carlin Grading Co., 130 Jessie St., San Francisco.
Filed Mar. 15, '23. Dated Feb. 21, '23.
On 10th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $3180
Bond, $1590. Sureties, Adam Arras & A. W. Buschke. Limit, 18 days. Forfeit, $30. Plans and specifications filed

STORE BLDG.
(997) LOT 25 BLK 3, Lakeview. All work for one-story store bldg.
Owner—Ciro Anzalone.
Architect—None.
Contractor—G. M. Cantrell, 527 Chronicle Bldg., San Francisco.
Filed Mar. 15, '23. Dated Feb. 24, '23.
Frame up 25%
Brown coated 25%
Completed and accepted..... 25%
Usual 35 days..... 25%
TOTAL COST, $3300
Bond, $500. Sureties, Stephen Sandham and Chas. A. Veley. Limit, 90 days. Forfeit, none. Plans and specifications filed.

MACHINE SHOP
(998) N HOWARD 95-10 E Beale. All work except electric wiring, painting, plumbing and plastering for one-story reinforced concrete machine shop.
Contractor—Christie Machine Works, 191 Fremont St., San Francisco.
Architect — Dodge A. Riedy, Pacific Bldg., San Francisco.
Contractor—William Martin, 180 Jessie St., San Francisco.
Filed Mar. 15, '23. Dated Mar. 13, '23.
Concrete piers and footings poured .....$ 800
Concrete walls and roof girders poured 5258
Completed and accepted..... 4000
Usual 35 days..... 3485
TOTAL COST, $13,543
Bond, $6772. Sureties, V. Fassio and Edwin T. Peterson. Limit, 100 days. Forfeit, none. Plans and specifications filed.

(999) ELECTRICAL WORK ON above.
Contractor — Browne-Langlais Elec. Constr. Co., 313 5th St., S. F.
Filed Mar. 15, '23. Dated Mar. 13, '23.
Roughing in completed.....$535
Completed and accepted..... 356
Usual 35 days..... 297
TOTAL COST, $1188
Bond, $594. Surety, New Amsterdam Casualty Co. Limit, 100 days. Forfeit, none. Plans and specifications filed.

(1000) PAINTING ON ABOVE.
Contractor—The Neal Co., 538 Hayes St., San Francisco.
Filed Mar. 15, '23. Dated Mar. 13, '23.
Completed and accepted.....$145
TOTAL COST, $145
Bond, none. Limit, 100 days. Forfeit, none. Plans and specifications filed.

(1001) PLUMBING ON ABOVE.
Contractor—S. W. Band, 580 Valencia St., San Francisco.
Filed Mar. 15, '23. Dated Mar. 13, '23.
Roughing completed $500
Completed and accepted..... 241
Usual 35 days..... 248
TOTAL COST, $989
Bond, $495. Sureties, John Diestel and Fred Braun. Limit, 100 days. Forfeit, none. Plans and specifications filed.

BUILDING
(1002) N HOWARD 45-10 E Beale. All work except electric wiring, plumbing, painting, plastering and elevator for three-story and basement reinforced concrete building.
Owner—Christie Machine Works, 191 Fremont St., San Francisco.
Architect — Dodge A. Riedy, Pacific Bldg., San Francisco.
Contractor — Wm. Martin, 180 Jessie St., San Francisco.
Filed Mar. 15, '23. Dated Mar. 13, '23.
First floor beams poured.....$ 9000
3rd floor beams poured..... 10000
Roof beams & firewalls poured 4150
Completed and accepted..... 7000
Usual 35 days..... 10050
TOTAL COST, $40,200
Bond, $20,100. Sureties, Edwin T. Peterson and V. Fassio. Limit, 100 days. Forfeit, none. Plans and specifications filed.

(1003) PAINTING ON ABOVE.
Contractor—The Neal Co., 538 Hayes St. San Francisco.
Filed Mar. 15, '23. Dated Mar. 13, '23.
Completed and accepted.....$385
TOTAL COST. $385
Bond, none. Limit, 100 days. Forfeit, none. Plans eand specifications filed.

(1004) ELECTRICAL WORK ON above.
Contractor—Brown-Langlais Electrical Constr. Co., 313 5th St., S. F.
Filed Mar. 15, '23. Dated Mar. 13, '23.
Roughing in completed.....$365
Completed and accepted..... 241
Usual 35 days..... 202
TOTAL COST, $808
Bond, $404. Surety, New Amsterdam Casualty Co. Limit, 100 days. Forfeit, none. Plans and specifications filed.

(1005) PLUMBING ON ABOVE.
Contractor—S. W. Band, 508 Valencia St., San Francisco.
Filed Mar. 15, '23. Dated Mar. 13, '23.
Roughing in completed.....$750
Completed and accepted..... 274
Usual 35 days..... 342
TOTAL COST, $1366
Bond, $683. Sureties, John Diestel and Fred Braun. Limit, 100 days. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted

Mar. 8, 1923—N TEHAMA 187-6 E Fourth. A A Muhr to Fred Moller.....Mar. 7, 1923

Mar. 9, 1923—W FIFTH AVE bet. Irving and Judah 25x120 No. 1375-1377 Fifth Ave. R E Burness to whom it may concern.....Mar. 9, 1923

Mar. 9, 1923—NW FOLSOM 175 SW First SW 50xNW 155. Laurence A Myers to O W Britt.....Mar. 8, 1923

Mar. 9, 1923—W ELEVENTH AVE 100 S Kirkham. Fred Warden to whom it may concern...Mar. 9, 1923

Mar. 9, 1923—N BUSH 135-6 W Mason W 30xN 137-6. Bertha Basye to C H Hock.....Mar. 2, 1923

Mar. 9, 1923—SE MISSION 13-3¾ NE Fifth NE 50xSE 160. Selby and Henry R Mohr to San Francisco Motor Drayage Co.....Mar. 7, 1923

Mar. 9, 1923—N BRANNAN AND Second NW 160xNE 100. Los Angeles Soap Co to H N McClure.....March 6, 1923

Mar. 9, 1923—NO. 77, 81 AND 85 Market. Southern Pacific Co to Schultz Constr Co.....March 6, 1923

Mar. 9, 1923—S O'FARRELL 92-6 E Franklin E 45xS 60. Alfred E Hind to Harry W Hind.....Mar. 9, 1923

Mar. 9, 1923—S GEARY 106-8 E 23rd Ave E 26-8xS 100. Jennie N Buck to Mager Bros.....Mar. 5, 1923

Mar. 9, 1923—W FAXON AVE 101 N Ocean Ave Lot 4 Blk 3191, Westwood Park. M or A Gilliani to whom it may concern....Feb. 1, 1923

MAR. 9, 1923—NE PIERCE & TURK N 275xE 412-6. Macdonald & Kahn Inc to whom it may concern.....March 8, 1923

Mar. 9, 1923—N FOURTEENTH 80 E Mission N 75 m or 1 E 60-11 m or 1 S 75 m or 1 W 65-7 m or 1 to beg. A E Perley to Vincent Fassio of Mission Concrete Co....Feb. 27, 1923

Mar. 9, 1923—S TURK 137-6 W Taylor W 50xS 137-6. Mortimer A Samuel to G P W Jensen.....March 2, 1923

Mar. 9, 1923—E EIGHTH AVE, bet. California and Clement. P R Savage to H L Crouse....Mar. 6, 1923

Mar. 10, 1923—LOT 23 BLK 28, Forest Hill Extn. Clinton F Parker to whom it may concern..Feb. 9, 1923

Mar. 10, 1923—LOT 25 BLK 28, Forest Hill Extn. Clinton F Parker to whom it may concern...Feb. 9, 1923

Mar. 10, 1923—E DOWNEY 646 S Frederick 50x80. Emil Nelson to whom it may concern..Mar. 10, 1923

Mar. 10, 1923—W SIXTEENTH AVE 250 N Fulton N 25xW 120. M P Storheim to whom it may concern.....March 10, 1923

Mar. 10, 1923—W SIXTEENTH AVE 275 N Fulton N 25xW 120. M P Storheim to whom It may concern.....March 10, 1923

Mar. 12, 1923—LOTS 1, 2, 3 AND 4 Blk 3137, Westwood Park. Hans and Esther Nelson to whom It may concern.....March 6, 1923

Mar. 12, 1923—W NINETEENTH AVE 200 N Kirkham W 120xN 24; W 19th Ave 175 N Kirkham N 25xW 120. R N Gibson to whom It may concern.....Mar. 8, 1923

Mar. 12, 1923—W TWENTY-THIRD Ave 150 S Geary. A H Reith to T E Mohler .....—

Mar. 12, 1923—E CONNECTICUT 100 S 20th No. 509 Connecticut. Frederick W Clark to Rintoul & Nelson .....Dec. 30, 1922

Mar. 12, 1923—SW CHESTNUT AND Franklin S 37-6xW 100. Charles Porta to John Harder.Mar. 12, 1923

Mar. 12, 1923—E SEVENTH AVE 175 N Kirkham. Louis Oesterman to Cox Bros.....March. 3, 1923

Mar. 13, 1923—E THIRTY-EIGHTH Ave 150 S Irving S 30xE 120. Wm F Altvater to Ward C Brown.....March 13, 1923

Mar. 13, 1923—NW PINE & MONTgomery N 125xW 138-6. Commercial Union Assurance Co, Ltd and The California Insurance Co to D N & E Walter & Co.....Mar. 6, 1923

Mar. 13, 1923—W TWENTIETH AVE 225 N Ortega N 100xW 120. Carl A Erickson and Mrs John W Aitken to Jos Kann.....Mar. 12, 1923

Mar. 13, 1923—E STOCKTON 25 S Post. The Rudolph Wurlitzer Co to The Tiltz Engineering & Equipment Co.....March 7, 1923

Mar. 13, 1923—LOT 13 BLK 3163 Westwood Park. Hans & Esther E Nelson to whom it may concern.....March 8, 1923

Mar. 13, 1923—S SHERWOOD 160 E Third E 115 S 110 W 47-6 N 55 W 67-6 N 55. Bothin Real Estate Co to Cahill Bros.....Mar. 13, 1923

Mar. 13, 1923—N PACIFIC 68 E Leavenworth. Hattie Bibbero to A Wegner.....Mar. 3, 1923

Mar. 13, 1923—LOT 3 of McLaughlin Subdivn Assessor's Block 1173. W R Voorhies to whom It may concern.....March 12, 1923

Mar. 14, 1923—NE TAYLOR AND Sutter E 20-7¾xN 81-3. George D Smith to Atlas Concrete Co, Newbery Elec. Co. Frank Davison and Scott Co.....Mar. 13, 1923

Mar. 14, 1923—S HANCOCK 100 W Church 25x114. Jos C Gasper to N Utoft.....Dec. —, 1922

Mar. 14, 1923—E VIENNA 60 S France Ave 25x100. Joseph Novello to whom It may concern..Mar. 14, 1923

Mar. 14, 1923—LOT 25x100 E Side Vienna 25 S France Ave. Joseph Novello to whom It may concern...—

Mar. 14, 1923—LOT 28 BLK 6, Lakeview. Jas A Arnott to Jas Arnott & Son..... March 13, 1923

Mar. 14, 1923—LOTS 43, 44, 45, 46 & 47 Blk 43, Sunnyside. Jas A Arnott to Jas Arnott & Son...Mar. 13, 1923

Mar. 14, 1923—N GROVE 156-3 E Clayton N 137-6x25. Agnes Laherty to H S Meinberger.....—

Mar. 14, 1923—W LEAVENWORTH 62-6 N Geary 37-6x137-6. Grace Perego to Kincanon & Perego.....March 12, 1923

Mar. 15, 1923—E STANYAN 30 N Alma 30-5x107-6. Leo L Fazzi to T L Sharman.....Mar. 15, 1923

Mar. 15, 1923—LOT 14 and SW 5 ft. Lot 13 Blk 2989 Map Blks 2975, 2988 and 2989 Claremont Court Parcel No. 2. Carl H Peterson to whom It may concern..Mar. 14, 1923

Mar. 15, 1923—E TWENTY-THIRD Ave 60 N Fulton N 25xE 82-6. Bryan Feerick to whom it may concern .....Mar. 15, 1923

Mar. 15, 1923—S AUGUSTA 50 E Boutwell E 25 S 78-11¼ SW 26-6¾ N 87-11½. Samuel Saari to whom it may concern.....Mar. 15, 1923

Mar. 15, 1923—S AUGUSTA 25 E Boutwell E 25 S 87-11½ m or 1 SW 26-7 N 96-11¾. Samuel Saari to whom it may concern...Mar. 15, 1923

Mar. 15, 1923—PITY BDED ON E by 28th Ave, W by 30th Ave, N by Vicente and S by Wawona. Parkside Realty Co to W E Price.....March 10, 1923

Mar. 15, 1923—W WILLARD 94-4½ N Parnassus N 25xW 105-9. Dr F A Gawthorne to whom it may concern.....Mar. 6, 1923

Mar. 15, 1923—E FOERSTER 95 S Flood Ave S 25xE 100 Lot 2 Blk 18, Sunnyside. The McCarthy Co to John W and Ernest B Backman.....March 15, 1923

Mar. 15, 1923—W JONES 27-6 N Vallejo N 27-6xW 110. Dr F A Gawthorne to whom it may concern.....March 5, 1923

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Amount

Mar. 9, 1923—S BUSH 190 E Pierce E 36-6xS 137-6. Pope & Talbot vs Annie and Gus Berndt and Geo A Williams $1275.70

Mar. 9, 1923—W FOURTEENTH AV 224 N Cabrillo N 25xW 140. J H Kruse vs Dr. Louis B S Constine and J E Barker.....$120.28

Mar. 9, 1923—E FUNSTON AVE 100 S Geary N 25xE 120. J H Kruse vs Chas and Ethel D Schmitz and J E Barker $47.34

Mar. 9, 1923—NE DIVISADERO AND Waller E 106xN 25. George M Merritt Bldg Co vs John and Edna Macaret $6050

Mar. 10, 1923—E FORTY-FIFTH AV 270 S Geary S 30xE 111. Wm W Nielsen vs Michael J Hontalas and Theo Christiansen $467

Mar. 10, 1923—NE NINETEENTH & Yukon N 92xE 229-2. Civic Center Supply Co vs J C Gibson.....$405.59

Mar. 12, 1923—N CALIFORNIA 192-6 W Hyde W 25xN 137-6. California Door Co vs Hamilton & Costello and Pierce, Catherine and Claudine Lacoume $841.10

Mar. 12, 1923—E FUNSTON AVE 100 N Geary N 25xE 120. Eureka Sash, Door & Moulding Mills vs Chas Schmitz, Ethel D Schmitz and Jas E Barker.....$74.60

Mar. 13, 1923—NO. 1259 TWENTYfourth Ave about 300 S Lincoln Way and 275 N Irving. Joseph Mldfield vs Jennie & Celia Caro.$45

Mar. 13, 1923—E FORTY-FIFTH AV 270 S Geary S 30x111. Ginsberg Tile Co vs Michael & Hontalas and Theodora Christensen.....$100

Mar. 14, 1923—N VALLEJO 60 E Broderick N 107xE 31-6. Christensen Lumber Co vs Walter A Haas $190.85

Mar. 15, 1923—N CALIFORNIA 197-6 W Hyde W 25xN 137-6. T I Butler vs Pierre, Catherine and Claudine Lacoume, J E Hamilton & Wesley T Costello $148.30

Mar. 15, 1923—E FORTY-EIGHTH Ave 260 S Taraval S 75xE 120. Geo Rehn vs Hamilton & Costello, Mrs Harvey Dale or Florence Dale and Harvey L Dale.....$451.90

Mar. 15, 1923—N CALIFORNIA 192-6 W Hyde W 25xN 137-6. W M Twohig and J E Guthrie vs Hamilton & Costello, Pierre, Catherine and Claudine Lacoume.....$449.35
Mar. 15, 1923—E FUNSTON AVE 100 N Geary N 25xE 120. H J Pahlka, $25; A F Peterson, $93.50 vs Chas and Ethel Schmitz and J E Barker
Mar. 15, 1923—W FOURTEENTH AV 224 N Cabrillo N 25xW 140. R H Tweedle, $171; L D Ford, $139.50; A F Peterson, $55.25; Jas Sherlock, $47.50 vs Louis & Isabelle Constine and J E Barker.....
Mar. 15, 1923—E FUNSTON AVE 100 N Geary N 25xE 120. J L Ash Co vs Wm Earle, J E Barker and Chas Schmitz $259.33

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded Amount
Mar. 12, 1923—S FIFTEENTH 150 E Church. P E O'Hair & Co to Ambrose Furrer and R J H Forbes $323.50
Mar. 15, 1923—S GREEN 126-6 E Polk E 50 S 108 m or l W 24-2¼ SW 27-11½ N 102. Incandescent Supply Co to Adrian or Adriano and Rosie Ramazzotti, Jos and Olinda Chiotti $269

ARCHITECT'S CERTIFICATE

Mar. 13, 1923—Henry A. Beese has filed his certificate of architecture for San Francisco County.

BUILDING CONTRACTS

ALAMEDA COUNTY

$1,000 and Over Reported

The following is an index for the

No.	Owner	Contractor	Amt.
1112	Gambarini	Owner	5350
1113	Hosford	Atwood	8500
1114	Santes	Banks	1400
1115	Hathaway	Ventre	3300
1116	Henning	Owner	12000
1117	Baird	Petersen	5000
1118	Montana	Ahnefeld	3000
1119	Lucas	Owner	4000
1120	Mabey	Owner	5000
1121	Norgrove	Norgrove	4750
1122	Gordin	Owner	3500
1123	Raible	Rowe	9000
1124	Graham	Owner	2500
1125	Lannon	Owner	2500
1126	Martin	Bishop	5000
1127	Lagaris	Glaser	1650
1128	Lidell	Rosenberg	2500
1129	Hayes	Sommarstrom	5000
1130	Stuart	Owner	1800
1131	Hinch	Owner	3500
1132	Long	Latone	2250
1133	Grigsley	Butler	3500
1134	Chase	Birmingham	3500
1135	Koeing	Koeing	2000
1136	Graves	Wilson	4000
1137	Peterson	Owner	3000
1138	Elebing	Campomenosi	3950
1139	Agrella	Owner	3800
1140	Tomatis	McCord	2850
1141	Brown	Allen	1000
1142	Bothelo	Butler	3850
1143	Wellin	Roth	65000
1144	Mendenhall	Emery	1212
1145	Mendenhall	Spencer	340
1146	Mendenhall	Zelinsky	1052
1147	Mendenhall	Doell	1610
1148	Mendenhall	Back	1420
1149	Mendenhall	Place	8450
1150	Parker	Owner	5500
1151	King	Leiter	15000
1152	Peppen	Peppen	10000
1153	Anderson	Wheeler	5800
1154	Scammell	Owner	10000
1155	Rankin	Owner	5500
1156	Cappellini	Hattey	4000
1157	Hughes	McKeown	1850
1158	Pearson	Owner	4000
1159	Coulter	Perry	4000
1160	Alameda	Owner	9800
1161	Kinney	Owner	4000
1162	Goss	Owner	2000
1163	Hink	Conner	40000
1164	Brazier	Owner	6000
1165	Johnson	Owner	7500
1166	Duval	Owner	8400
1167	Rader	Thaxter	5000
1168	Schmitz	Owner	2000
1169	Hamilton	Bramlage	3000
1170	Strobel	Owner	2500
1171	Thomas	Thomas	1500
1172	Fernandez	Owner	8000
1173	Francis	Owner	4000
1174	Nielsen	Owner	3500
1175	Glaser	Glaser	4900
1176	Kean	Olsen	2300
1177	Jones	Hopper	9840
1178	McKiegan	Campbell	4600
1179	Randall	Owner	5000
1180	Barker	Walsworth	2500
1181	Olerto	Kelty	3000
1182	Upton	Owner	1500
1183	Marshall	Owner	4500
1184	Cary	Warwick	2000
1185	Anderson	Owner	5000
1186	Bowman	Johnson	2500
1187	Rinkel	Robins	3500
1188	Hufschmidt	Broadway	4600
1189	Gunton	Turpin	2600
1190	Volasha	Faulkes	3800
1191	Fitzgerald	Hopper	6380
1192	Bremer	Owner	1000
1193	Hill	Cuthbertson	36000
1194	Patrick	Blucher	....
1195	Dean	Henderson	3000
1196	Klemm	Owner	2000
1197	Rowell	Henderson	7500
1198	Braun	Schnebly	8000
1199	Jenanyan	Henderson	5000
1200	Whitthorne	Knowles	5000
1201	Cheney	Pratt	3850
1202	Montgomery	Scott	2800
1203	Glantz	Owner	3500
1204	Bandel	Rose	7000
1205	Houch	Owner	4000
1206	Oland	Frederickson	3000
1207	Nigersall	Sims	10480
1208	Reeves	Owner	4800
1209	Cane	Owner	2000
1210	Cummings	Graham	1000
1211	Mussano	Tarello	4000
1212	Weddell	Alen	3500
1213	Lomberty	Lundberg	3200
1214	Church	Sanders	8500
1215	Rethwidder	Johnson	3600
1216	Nelson	Frankford	2500
1217	Cheney	Pratt	3950
1218	Pritchard	Owner	3800
1219	Dobner	Owner	1000
1220	Rasner	Rose	1000
1221	Miller	Van Horn	3000
1222	Dizer	Coburn	2000
1223	Young	Blethroad	7600
1224	Ross	Owner	2500
1225	Chrestin	Texdahl	8250
1226	Thaxter	Owner	8000
1227	Berkeley	Owner	5500
1228	Larson	Owner	2300
1229	Gaspar	Brown	9000
1230	Kramer	Owner	1000
1231	Dorst	Peters	2900
1232	McIntler	Owner	3900
1233	Nunemacher	Owner	3300
1234	Goodwin	Woodard	4000
1235	Davis	Owner	3800
1236	Hess	Gossett	7800
1237	Menke	MacGregor	3700
1238	Laudgrube	Owner	3400
1239	Baker	Maganini	12429
1240	Mounicot	Scott	12080
1241	Fablola	Knapp	1895
1242	King	Leiter	14787
1243	Marquis	Owner	2800
1244	McClymonds	Bixby	28000
1245	Holabird	McDongall	16000
1246	Jackson	Gede	5000
1247	Warren	Schwartz	4000
1248	O'Neil	Rosebrook	6000
1249	Victor	Victor	1500
1250	Noble	Owner	3000
1251	Courtney	Dufour	3750
1252	Bowen	Chapton	14400
1253	Dvachlo	Groden	3000
1254	Wade	Adams	3785
1255	Coeker	Shrader	2432
1256	Van Doren	Owner	2500
1257	Sutro Mach.	Owner	2000
1258	Sundberg	Owner	4000
1259	Metcalf	Owner	2750
1260	Conture	Owner	2000
1261	Clinton	Mallck	2750
1262	Taylor	Anderson	4000
1263	Cooke	Yerrick	5000
1264	Dilmar	Owner	3000
1265	Figuera	Fisk	1500
1266	Anderson	Owner	3500
1267	Ward & Hanna	Bryson	1500
1268	Kurt	Owner	1000
1269	S. P. Co.	Pacific	....

DWELLING
(1112) NO. 2436 LINCOLN ST., Alameda. One-story 6-room dwelling.
Owner—Benj. Gambarini, 1537 Everett St., Alameda.
Architect—A. W. Smith, 1010 Broadway, Oakland. $5350

DWELLINGS
(1113) NO. 2414 AND 2416 SAN JOSE Ave., Alameda. Two one-story 6-room dwellings.
Owner—Mrs. E. T. Hosford, 1184 Regent St., Alameda.
Architect—None.
Contractor—H. W. Atwood, 1184 Regent St., Alameda. $4250 each

DWELLING
(1114) NO. 3212 BRIGGS ST., Alameda One-story 3-room dwelling.
Owner—L. C. Santes, Premises.
Architect—None.
Contractor—A. E. Banks, Hotel Santa Clara, Alameda. $1400

DWELLING
(1115) NO. 1524 NINTH ST., Alameda. One-story 5-room dwelling.
Owner—Mrs. R. Hathaway, 1528 9th St., Alameda.
Architect—None.
Contractor—James Ventre, 1861 Elm St., Alameda. $3300

DWELLINGS
(1116) NO. 1311, 1315 AND 1319 FOUNtain St., Alameda. Three one-story 5-room dwellings.
Owner—W. H. Henning, 2910 Santa Clara Ave., Alameda and L. C. Weber, 2037 Central Ave., Alameda.
Architect—None. $4000 each

GARAGE
(1117) NO. 2436 SANTA CLARA AVE., Alameda. One-story tile and brick garage.
Owner—J. O. Baird.
Architect—None.
Contractor—J. B. Petersen, 2053 38th Ave., Oakland. $5000

DWELLING
(1118) NO. 1631 JULIA ST., Berkeley. One-story 5-room dwelling.
Owner—V. Montana, 1629 Julia St., Berkeley.
Architect—None.
Contractor — Harry Ahnefeld 2123 Parker St., Berkeley. $3000

DWELLING
(1119) NO. 2207 ASHBY AVE., Berkeley. One-story 5-room dwelling.
Owner—L. L. Lucas, 2201 Ashby Ave., Berkeley.
Architect—None. $4000

DWELLING
(1120) NO. 1530 BERKELEY WAY, Berkeley. Two-story 7-room dwlg.
Owner—Lily Mabey, 1434 Hearst Ave., Berkeley.
Architect—None. $5000

DWELLING
(1121) NO. 1548 BEVERLY PLACE, Berkeley. One-story 6-room dwlg.
Owner—Norgrove & Echley.
Architect—None.
Contractor — C. M. Norgrove, 2220 Roosevelt Ave., Berkeley. $4750

DWELLING
(1122) S CARRINGTON 30 W Ransome St., Oakland. 1-story 5-room dwelling.
Owner—A. D. Gordin, 2039 Rosedale, Oakland.
Architect—None. $3500

APARTMENTS
(1123) SW COR. JAMES & CLIFTON Oakland. 2-story stores & apts.
Owner—Mrs. J. Raible, 5263 James Ave. Oakland.
Architect—None.
Contractor—A. N. Rowe, 5103 Manila Ave., Oakland. $9000

DWELLING
(1124) 2570 64th Ave., Oakland. 1-sto. 5-room dwelling.
Owner—C. H. Graham, 1607 High St., Oakland.
Architect—None. $2500

ALTERATION
(1125) 362 MAGNOLIA ST., Oakland. Alteration.
Owner—Lannon Bros. Mfg. Co., prem.
Architect—None. $2500

STORE
(1126) 4001-03-05 HOPKINS ST., Oakland, 1-story 3-room stores.
Owner—Mrs. Alma Martin, 3555 Lincoln Ave., Oakland.
Architect—None.
Contractor—J. B. Bishop, 811 Adams St., Albany. $5000

BAKEOVEN
(1127) 939 THIRD ST., Oakland. Brick bakeoven.
Owner—M. Lagarlo.
Architect—None.
Contractor—J. O. Glaser, 2648 Union St., Oakland. $1650

DWELLING
(1128) 4433 BROOKDALE AVE., Oakland. 1-story 5-room dwelling.
Owner—J. A. Lidell, 2128 Ashby Ave., Berkeley.
Architect—None.
Contractor—J. W. Rosenberg, 2158 Ashby Ave., Berkeley. $2500

DWELLING
(1129) 4701 EDGEWOOD AVE., Oakland. 1-story 6-room dwelling.
Owner—Abbee E. Hayes, 670 Brooklyn Ave., Oakland.
Architect—None.
Contractor—M. Felix Sommarstrom, 403 15th St., Oakland. $5000

STORE
(1130) S HOPKINS 140 W 38th Ave., Oakland. 1-story store.
Owner—W. F. Stuart, 3909 Hopkins St., Oakland.
Architect—None. $1800

DWELLING
(1131) 2432 TWENTY-FIRST AVE., Oakland. 1-story 5-room dwelling.
Owner—C. M. Hinch, 414 15th St., Okd.
Architect—None. $3500

DWELLING
(1132) 572 FORTIETH ST., Oakland. 1-story 3-room dwelling.
Owner—Chas. S. Long, 3909 Opal St., Oakland.
Architect—None.
Contractor—Frank Latone, 3917 Opal St., Oakland. $2250

DWELLING
(1133) 2431 SIXTY-SEVENTH AVE., Oakland. 1-story 6-room dwelling.
Owner—Lovina Grigsley, 21st & Telegraph, Oakland.
Architect—None.
Contractor—H. L. Butler, 3636 Maple Ave., Oakland. $3500

DWELLING
(1134) N THIRTY-SECOND ST. 275 W Stuart St., Oakland. 1-story 6-room dwelling.
Owner—Mrs. M. J. Chase, 1633 Harmon St., Oakland.
Architect—None.
Contractor—D. Birmingham, 2908 Otis St., Berkeley. $3500

STORES
(1135) E VALLEY ST. 14 S Powell, Oakland. 1-story stores.
Owner—Joseph Koeing, Jr., 3800 Bdwy Oakland.
Architect—None.
Contractor—Felix Koeing, 3800 Bdwy Oakland. $2000

DWELLING
(1136) 5417 BROOKDALE AVE., Oakland. 1-story 5-room dwelling.
Owner—Zellie G. Graves, 1461 34th St., Oakland.
Architect—None.
Contractor—W. B. Wilson, 3565 Fruitvale Ave., Oakland. $4000

DWELLING
(1137) 2551 HOPKINS ST., Oakland, 1-story 5-room dwelling.
Owner—C. W. Peterson, 3121 Arkansas St., Oakland.
Architect—None. $3000

DWELLING
(1138) 560 FOURTY-FOURTH ST., Oakland. 1-story 5-room dwelling.
Owner—Frank Elebing, premises.
Architect—None.
Contractor — E. Campomenosi, 5238 Lawton Ave., Oakland. $3950

DWELLING
(1139) 2815 BROOKDALE AVE., Oakland. 1-story 5-room dwelling.
Owner—A. J. Agrella, 1809 E-19th St., Oakland.
Architect—None. $3800

DWELLING
(1140) 896 FORTY-SEVENTH ST., Oakland 1-story 4-room dwelling.
Owner—G. Tomatis, 46th & Market Sts. Oakland.
Architect—None.
Contractor—J. A. McCord, 4577 Market St., Oakland. $2850

ALTERATION
(1141) 1253 ASHMONT AVE., Oakland. Alteration.
Owner—Willard Brown.
Architect—None.
Contractor—F. E. Allen, 2718 Regent St., Berkeley. $1000

DWELLING
(1142) 4409 BROOKDALE AVE., Oakland, 1-story 5-room dwelling.
Owner—Fred Bothelo, 3146 Farnum St. Oakland.
Contractor—H. L. Butler, 3636 Maple Ave., Oakland. $3850

APARTMENTS
(1143) N GRAND AVE. 165 E Montecito Ave., Oakland. 3-story 86-room apartments.
Owner—I. Wollin, 220 Grand Ave., Okd.
Architect—None.
Contractor—Conrad Roth, Hayward. $65,000

DWELLING
(1144) LOT 10 BLK G PIEDMONT Park, Piedmont. Lath and plaster for 2-story and basement dwelling.
Owner—E. D. Mendenhall, 252 Euclid Ave., Oakland.
Architect—Sidney B. & Noble Newsom, Nevada Bank Bldg., S. F.
Contractor—Chas. D. Emery, 551 41st St., Oakland.
Filed Mar. 9, 1923. Dated. Feb. 28, 1923.
Brown coated $606
Completed and accepted 303
Usual 35 days 303
TOTAL COST, $1212
Bonds, none; Sureties, none; Forfeit, none; Limit, without delay; Plans and specifications filed.

(1145) ELECTRIC WORK ON ABOVE.
Contractor—Spencer Electric Co., 320 21st St., Oakland.
Filed Mar. 8, 1923. Dated Feb. 28, 1923.
Roughed and passed.....$175
Completed and accepted 85
Usual 35 days 90
TOTAL COST, $340
Bonds, none; Sureties, none; Forfeit, $5.00 day; Limit, without delay; Plans and specifications filed.

(1146) PAINTING ON ABOVE.
Contractor—R. Zellnsky, 693 Mission St., San Francisco.
Filed Mar. 9, 1923. Dated Jan. 2, 1923.
Half completed $350
Completed and accepted 439
Usual 35 days 263
TOTAL COST, $1052
Bonds, none; Sureties, none; Forfeit, $5.00 day; Limit, without delay; Plans and specifications filed.

(1147) PLUMBING AND SEWERING on above.
Contractor—Carl Doell, 467 21st St., Oakland.
Filed Mar. 9, 1923. Dated Feb. 28, 1923.
Roughed in and passed $800
Completed and accepted 400
Usual 35 days 410
TOTAL COST, $1610
Bonds, none; Sureties, none; Forfeit, $5.00 day; Limit, without delay; Plans and specifications filed.

(1148) BRICK WORK ON ABOVE.
Contractor—Martin Back, 3825 Allendale, Oakland.
Filed Mar. 9, 1923. Dated Feb. 28, 1923.
Half completed $500
Completed and accepted 565
Usual 35 days 355
TOTAL COST, $1420
Bonds, none; Sureties, none; Forfeit, $5.00 day; Limit, without delay; Plans and specifications filed.

(1149) ALL WORK ON ABOVE, except brick, lathing plastering, tile, elevator, plumbing, painting, papering, heating, finish hardware, elevator fixtures, hardwood floors, shades.
Contractor — N. W. Place & H. W. Barnes, 64 Garland Ave., Oakland.
Filed Mar. 9, 1922. Dated Feb. 28, 1923.
Frame up $2112
Brown coated 2112
Completed and accepted 2112
Usual 35 days 2114
TOTAL COST, $8460
Bonds, none; Sureties, none; Forfeit, $10.00 day; Limit, without delay; Plans and specifications filed.

DWELLING
(1150) NO 37 AETUNA AVE., Piedmont One-story 5-room dwelling and garage.
Owner—H. R. Parker, 694 25th St., Oakland.
Architect—None. $5500

DWELLING
(1151) NO. 12 SEA VIEW AVE., Piedmont. Two-story 10-room dwelling and garage.
Owner—Adeline S. King, 100 Manor Drive, Piedmont.
Architect—None.
Contractor—E. T. Leiter, 47 Call Bldg., San Francisco. $15,000

DWELLINGS
(1152) NO. 218 AND 222 PARK VIEW Ave., Piedmont. Two one-story 6-room dwellings and garages.
Owner—J. R. Peppen, 851 Trestle Glen St., Oakland.
Architect—None. $5000 each

DWELLING
(1153) NO. 120 OAKMONT AVE., Piedmont. One-story 5-room dwlg. and garage.
Owner—C. H. Anderson, 629 Kempton St., Oakland.
Architect—None.
Contractor—F. J. Wheeler. $5800

DWELLINGS
(1154) NO. 80 AND 90 PACIFIC AVE., Piedmont. Two one-story 5-room dwellings and garages.
Owner—J. W. Scammell, 206 Mountain Ave., Piedmont.
Architect—None. $5000 each

DWELLING
(1155) NO. 1056 HOPKINS ST., Oakland. Two-story 6-room dwelling.
Owner—S. G. Rankin, 712 Hadden Rd., Oakland.
Architect—None. $5500

DWELLING
(1156) NO. 937 THIRTY-NINTH ST., Oakland. One-story 6-room dwlg.
Owner — Mary Cappellini, 37th and Market Sts., Oakland.
Architect—None.
Contractor—H. G. Mattey, 2947 West St., Oakland. $4000

DWELLING
(1157) NO. 1059 SIXTY-EIGHTH ST., Oakland. One-story 4-room dwlg.
Owner—A. L. Hughes, 5530 E-15th St., Oakland.
Architect—None.
Contractor—F. A. McKeown, 7313 E-14th St., Oakland. $1856

DWELLING
(1158) S BATES RD. 225 E Mathews Rd., Oakland. 1-story 5-room dwlg.
Owner—John Pearson, 1257 Hopkins St Oakland.
Architect—None. $4000

DWELLING
(1159) N EVERETT AVE 100 W Elbert St., Oakland. 1-story 5-room dwelling.
Owner—Mrs. Coulter, 733 Haight St., Alameda.
Architect—None.
Contractor—J. F. Perry, 733 Haight St. Alameda. $4000

DWELLINGS
(1160) S CALIFORNIA 223-263 E Maple Ave., Oakland .4 1-story 5-room dwellings.
Owner—Alameda Inv. Co., Syndicate Bldg., Oakland.
Architect—None. $2450 each

DWELLING
(1161) 43 RAMONA AVE., Oakland. 1-story 6-room dwelling.
Owner—C. H. Kinney, 480 Hardy St., Oakland.
Architect—None. $4000

DWELLING
(1162) 3927 RUBY ST., Oakland. 1-story 4-room dwelling.
Owner—Fred E. Goss, 3921 Ruby St., Oakland.
Architect—None. $2000

STORES, ETC.
(1163) NO. 2333-35-37-39-41-43 SHATtuck Ave., Berkeley. Two-story tile stores and offices.
Owner—L. W. Hink.
Architect—W. H. Ratcliff, 1st National Bank Bldg., Berkeley.
Contractor—Conner & Conner, 1733 Francisco St., Berkeley. $40,000

DWELLINGS
(1164) NO. 2207 AND 2211 DERBY ST. Berkeley. Two one-story 5-room dwellings.

Owner — Jas. W. Brazier, 1912 Blake St., Berkeley.
Architect—None. $3000 each

DWELLINGS
(1165) NO. 1536, 1540 and 1548 BLAKE St., Berkeley. Three one-story 5-room dwellings.
Owner—E. Johnson, 223 Greenbank Ave., Berkeley.
Architect—None. $2500 each

DWELLINGS
(1166) NO. 2421, 2423 & 2427 BROWNing St., Berkeley. Three one-story 5-room dwellings.
Owner—P. Duval, 914 E-14th St., Okd.
Architect—None. $2800 each

DWELLING
(1167) NO. 979 CRAGMONT ST., Berkeley. One-story 7-room dwlg.
Owner—M. A. Rader, 2233 Derby Ave., Berkeley.
Architect—None.
Contractor—F. W. Thaxter, 3029 Regent St., Berkeley. $5000

DWELLING
(1168) NO. 1121 WARD ST., Berkeley One-story 5-room dwelling.
Owner—H. Schmitz, 2738 Mabel St., Berkeley.
Architect—None. $2000

DWELLING
(1169) NO. 3051 ACTON ST., Berkeley. One-story 5-room dwelling.
Owner—E. D. Hamilton, 2333 Broadway, Oakland.
Architect—None.
Contractor—E. D. Bramlage, 1524 Capistrano St., Berkeley. $3000

DWELLING
(1170) NO. 2317 SACRAMENTO ST., Berkeley. One-story 5-room dwlg.
Owner—H. E. Strobel, 2404 Edwards St., Berkeley.
Architect—None. $2500

DWELLING
(1171) NO. 1206 OREGON ST., Berkeley. One-story 5-room dwelling.
Owner—E. L. Thomas, 2734 Wallace St., Berkeley.
Architect—None.
Contractor—E. T. Thomas, 3141 West St., Oakland. $1500

FLATS
(1172) 1454-56 E-THIRTY-SECOND St., Oakland. 2-story 12-room flats.
Owner—J. M. Fernandes, 1459 E-33rd St., Oakland.
Architect—None. $8000

DWLG. & STORE
(1173) 2807 BROOKDALE AVE, Oakland. 1-story 4-room dwelling and store.
Owner—E. O. Francis, 3940 E-14th St., Oakland.
Architect—None. $4000

DWELING
(1174) 1870 TWENTY-EIGHTH AVE., Oakland. 1-story 5-room dwelling.
Owner—C. T. Nielsen, 1315 Fruitvale Ave., Oakland.
Architect—None. $3500

DWELLING
(1175) 2847 SIXTY-FIRST AVE., Oakland. 1-story 7-room dwelling.
Owner—Mrs. I. M. Glaser, 2553 Seminary Ave., Oakland.
Architect—None.
Contractor—W. M. Glaser, 2553 Seminary Ave., Oakland. $4900

DWELLING
(1176) 3032 ARIZONA, Oakland. One-story 5-room dwelling.
Owner—G. J. McKean, 5105 West St., Oakland.
Architect—None.
Contractor—Martin Olsen, 3951 Midvale Ave., Oakland. $2800

FACTORY
(1177) 1620 & 1628 EIGHTEENTH ST., Oakland. 1-story factory.
Owner—Jones & Richeson, 170 2nd St., San Francisco.
Architect—None.
Contractor—M. E. Hopper & Son, 1117 Webster St., Oakland. $9840

DWELLING
(1178) 900 WARFIELD AVE., Oakland. 1-story 6-room dwelling.
Owner—Frank J. McKeegan, 1508 Union St., Oakland.
Architect—None.
Contractor—E. C. Campbell, 664 Sycamore St., Oakland. $4600

DWLG. & STORE
(1179) SE COR FOOTHILL & PARker Ave., Oakland. 1-story 5-room dwelling and store.
Owner—Randall & Stutherd, 8032 Foothill Blvd., Oakland.
Architect—None. $5000

DWELLING
(1180) 831 FIFTY-FIFTH ST REAR, Oakland. 1-story 3-room dwelling.
Owner—Jos. Barker, premises.
Architect—None.
Contractor — Stephen L. Walsworth, 1841 Hearst Ave., Berkeley. $3500

DWELLING
(1181) 982 ARLINGTON, Oakland, 1-sto 5-room dwelling.
Owner — C. Olerto, 6531 Vallejo St., Emeryville.
Architect—None.
Contractor—J. T. Kelty, 974 63rd St., Oakland. $3000

DWELLING
(1182) 3884 HOWE ST., Oakland. 1-story 3-room dwelling.
Owner—F. Upton, premises.
Architect—None. $1500

DWELLING
(1183) 5379 THOMAS ST., Oakland. 1-story 5-room dwelling.
Owner — Howard Marshall, 568 Sycamore St., Oakland.
Architect—None. $4500

DWELLING
(1184) E SIXTY-EIGHTH AVE, 20 S Hamilton St., Oakland. 1-story 4-room dwelling.
Owner—E. H. Cary, 1068 68th Ave., Okd
Architect—None.
Contractor—J. M. Warwick, 1654 82nd Ave., Oakland. $2000

DWELLING
(1185) 1315 HOLMAN RD., Oakland. 1-story 6-room dwelling.
Owner—C. M. Anderson, 1853 9th Ave., Oakland.
Architect—None. $5000

DWELLING
(1186) 5037 FAIRFAX AVE., Oakland. 1-story 4-room dwelling.
Owner—Miss Bowman, 1166 Ellis St., San Francisco.
Architect—None.
Contractor—Johnson & Winther, 1802 55th Ave., Oakland. $2500

DWELLING
(1187) NW COR FORTY-FOURTH & Webster Sts., Oakland. 2-story 6-room dwelling.
Owner—C. Rinkel.
Architect—None.
Contractor—R. L. Robins, 5117 Broadway, Oakland. $3500

DWELLING
(1188) 432 ATHOL AVE., Oakland. 1-story 6-room dwelling.
Owner—Mrs. A. F. Hufschmidt, 1612 11th St., Oakland.
Architect—None.
Contractor—H. Broadway, 1612 11th St., Oakland. $4500

DWELLING
(1189) 2359 BARTLETT ST., Oakland. 1-story 5-room dwelling.
Owner—Anna Gunton, 3919 Harper St., Oakland.
Architect—None.
Contractor—A. E. Turpin, 3429 E-14th St., Oakland. $2600

DWELLING
(1190) 1632 NINETY-SECOND AVE., Oakland. 1-story 5-room dwelling.
Owner—A. Volaska.
Architect—None.
Contractor—John R. Faulkes, 9828 E-14th St., Oakland. $3800

STORES
(1191) 301-05-09 E-14th St., Oakland. 1-story 3-room stores.
Owner—David Fitzgerald, E-14th St. & 3rd Ave., Oakland.
Architect—None.
Contractor—M. E. Hopper & Son., 1117 Webster St., Oakland. $6380

DWELLING
(1192) 2615 HIGH ST., Oakland. 1-sto. 3-room dwelling.
Owner—D. E. Bremer, premises.
Architect—None. $1000

APARTMENTS
(1193) W BELLEVUE AVE. 120 S Grand Ave., Oakland. 3-story 36-rm apartments.
Owner—Henry G. Hill, 465 Bellevue Ave., Oakland.
Architect—A. T. Hass, 216 Fremont St., San Francisco.
Contractor — T. A. Cuthbertson, 1766 12th Ave, S. F. $36,000

DWELLING
(1194) EAST HIGHLAND AVE., BET. Craig and Oakland Ave., Piedmont. 6-room frame dwelling.
Owner—J. C. Patrick, 1220 Union St., Oakland.
Architect—None.
Contractor — Blucher Bros., 451 Van Dyke Ave., Oakland.
Filed Mar. 12, 1923. Dated Mar.—, 1923.
1st floor joists in place.....20%
Roof on 20%
Plastered 20%
Completed and accepted 20%
Usual 35 days 20%
TOTAL COST, $8775
Bond, none; Sureties, none; Forfeit, none; Limit, none; Plans and specifications, none.

DWELLING
(1195) NO. 1516 TACOMA ST., Berkeley. One-story 5-room dwelling
Owner—Wm. H. Dean.
Architect—E. F. Henderson, 5744 Keith Ave., Oakland. $3000

DWELLING
(1196) NO. 1307 BLAKE ST., Berkeley. One-story 4-room dwelling.
Owner—R. Klemm, 2233 10th St., Berkeley.
Architect—None. $2000

DWELLING
(1197) NO. 1055 MILLER AVE., Berkeley. One-story 7-room dwelling.
Owner—Edw. Z. Rowell.
Architect—None.
Contractor—E. F. Henderson, 5744 Keith Ave., Oakland. $7500

DWELLING
(1198) NO. 2709 HILGARD ST., Berkeley. Two-story 6-room dwelling.
Owner—N. H. Braun, 840 52nd St., Oakland.
Architect—None.
Contractor — Schnehly & Hostrawser, 6th and Jackson Sts., Oakland. $8000

DWELLING
(1199) NO. 1727 SAN PABLO AVE., Berkeley. On-story 6-room dwlg.
Ownr—E. H. Jenanyan.
Architect—None.
Contractor — E. F. Henderson, 5744 Keith Ave., Oakland. $5000

ALTERATIONS
(1200) S ELEVENTH St. 90 W Washington, Oakland. Alterations.
Owner—Whitthorne & Swan, 11th and Washington, Oakland.
Architect—None.
Contractor—Wm. Knowles, Cent. Bank Bldg., Oakland. $5000

DWELLING
(1201) S ELBERT ST. 350 W Everett, Oakland.
Architect—None.
Contractor—H. S. Pratt. $3850

FIRE REPAIRS
(1202) 4253 TELEGRAPH Ave. Oakland. Fire repairs.
Owner—Mrs. Montgomery, 1815 Grove St., Oakland.
Architect—None.
Contractor—G. A. Scott, 685 23rd St., Oakland. $2800

DWELLING
(1203) 1328 HOPKINS, Oakland. 1-sto. 5-room dwelling
Owner—C. W. Glantz, 737 Brookwnod Pl., Oakland.
Architect—None. $3500

DWELLING
(1204) 486 VALLE VISTA AVE., Oakland. 1-storw 2-fam. dwelling.
Owner—A. L. Randel, 1016 5th Ave., Oakland.

Architect—None.
Contractor—M. P. Rose, 940 Oxford St., Oakland. $7000

DWELLING
(1205) 1400 EVERETT AVE., Oakland 1-story 5-room dwelling.
Owner—H. L. Houch, 4609 Dolores Ave., Oakland.
Architect—None. $4000

DWELLING
(1206) 4021 ELSTON AVE., Oakland. 1-story 5-room dwelling.
Owner—E. Oland, 1524 Grant St., Berkeley.
Architect—None.
Contractor—Karl S. Frederickson, 542 Montclair, Oakland. $3000

APARTMENTS
(1207) 861-63-65 MEADE ST., Oakland 2-story 16-room apartments.
Owner—C. S. Nigersall, 867 Meade St., Oakland.
Architect—None.
Contractor—W. H. Sims, 1940 42nd Ave Oakland. $10,480

DWELLINGS
(1208) 3631 & 3635 NEVIL ST., Oakland. 2 1-story 5-room dwlgs.
Owner—R. E. Reeves, 1505 37th Ave., Oakland.
Architect—None. $2400 ea.

ADDITION
(1209) NW Cor. SIXTIETH & IDAHO Sts., Oakland. Addition.
Owner—Mary J. Cane, 1036 60th St., Oakland.
Architect—None. $2000

ALTER & ADD.
(1210) 433 E-FOURTEENTH St., Oakland. Alter. and add.
Owner—F. J. Cummings, premises.
Architect—None.
Contractor—E. H. Graham, 152 Grand Ave., Oakland. $1000

DWELLING
(1211) 715 FORTY-SIXTH ST., Oakland. 1-story 5-room dwelling.
Owner—N. Mussano, 615 42nd St., Okd.
Architect—None.
Contractor—P. Garello, 870 47th St., Oakland $4000

DWELLING
(1212) 4106 Santa Rita Ave., Oakland. 1-story 5-room dwelling.
Owner—I. Weddell, 3273 E-13th St., Oakland.
Architect—None.
Contractor—Alen & Sons, 2510 Central Ave., Oakland. $3500

DWELLING
(1213) 6101 MESABA AVE., Oakland. 1-story 5-room dwelling.
Owner—J. C. Lomberty, 36th Ave., Okd.
Architect—None.
Contractor — S. Lundberg, 3434 Elmwood, Ave., Oakland. $3200

CHURCH
(1214) NE COR. FORTIETH & MERA St., Oakland. 1-story church.
Owner—Church of God.
Architect—A. W. Smith, 1010 Broadway, Oakland.
Contractor—T. P. Sanders, 2925 Shattuck Ave., Oakland. $8500

DWELLING
(1215) 164 JOHN ST., Oakland. 1-sto. 5-room dwelling.
Owner—C. Rothwidder, 4403 Piedmont Ave., Oakland.
Architect—None.
Contractor—O. E. Johnson, 661 57th St. Oakland. $3600

ALT & ADDITION
(1216) 634 THIRTY-NINTH ST., Oakland. Alt. & additions.
Owner—Christ Nielson, premises.
Architect—None.
Contractor—Ben Frankford, 677 39th St., Oakland $2500

DWELLING
(1217) S ELBERT ST. 300 W Everett Ave., Oakland. 1-story 5-rm. dwlg.
Owner—E. S. Cheney, 1838 Park Blvd., Oakland.
Architect—None.
Contractor—H. S. Pratt, 4605 El Centro Ave., Oakland. $3950

DWELLING
(1218) N HAMPEL 100 E Randolph, Oakland 1-story 5-room dwelling.
Owner—Mrs. F. J. Pritchard, 2241 Alameda Ave., Alameda.
Architect—None. $3800

DWELLING
(1219) 9633 FOOTHILL BLVD., Oakland. 1-story 3-room dwelling.
Owner—A. & L. Dobner, 605 17th St., Oakland.
Architect—None. $1000

ADDITION
(1220) 2505 TELEGRAPH AVE., Oakland. Addition.
Owner—Mrs. Rasner, premises.
Architect—None.
Contractor—Mervin P. Rose, 940 Oxford St., Oakland. $1000

DWELLING
(1221) 2515 SIXTY-FOURTH AVE., Oakland. 1-story 4-room dwelling.
Owner—Chris Miller.
Architect—None.
Contractor—D. W. Van Horn 3935 Mauritania Ave., Oakland. $3000

DWELLING
N HOPKINS 250 W Park Blvd., Oakland 2-story 7-room dwelling.
Owner—Nat Kessler, 10th St., Oakland.
Architect—None.
Contractor—W. T. Vaughn, 4190 Opal St., Oakland. $8200
NOTE:—Recorded contract reported March 7, 1923, No. 1059.

REPAIRS
(1222) NO. 2946 MAGNOLIA ST., Berkeley. Fire repairs.
Owner—Linda P. Dizer, Premises.
Architect—. one.
Contractor—Chas. Coburn, 180 Jessie St., San Francisco. $2000

DWELLINGS
(1223) ND. 1644 SAN LORENZO AND 748 COLUSA ST., Berkeley. Two 1-story 5-room dwellings.
Owner—Roy Young, 2818 Shattuck Av., Berkeley.
Architect—None.
Contractor—D. T. Blethroad, 1453 Henry St., Berkeley. $3800 each

DWELLING
(1224) NO. 1134 CHANNING WAY, Berkeley. One-story 5-room dwlg.
Owner—Werner Ross, 2321 10th St., Berkeley.
Architect—None. $2500

DWELLING
(1225) NO. 1018 SHATTUCK AVE., Berkeley. Two-story 8-room dwlg.
Owner—A. W. Chrestin.
Architect—None.
Contractor—C. Texdahl, 5375 Belgrave Place, Oakland. $8260

DWELLING
(1226) NO. 86 EL CAMINO REAL, Berkeley. Two-story 9-room dwelling
Owner—F. W. Thaxter, 3029 Regent St. Berkeley.
Architect—None. $8000

DWELLINGS
(1227) NO. 612 SAN MIGUEL AND NO. 799 CABRILLO, Berkeley. Two one story 5-room dwellings.
Owner—Berkeley Building Co., Solano and Colusa Sts., Berkeley.
Architect—None. $2500 & $3000

DWELLING
(1228) 463 HADDON RD., Oakland. 1-story 5-room dwelling.
Owner—B. G. Larson, 2503 12th Ave., Oakland.
Architect—None. $3300

DWELLING
(1229) N CHAPMAN ST. 75 W 23rd Ave., Oakland. 2-story 12-room dwelling.
Owner—Manuel Gaspar, 2896 Ford St., Oakland.
Architect—None.
Contractor—M. Brown, 1922 E-14th St. Oakland. $9000

MILL
(1230) E-FORTY-EIGHTH AVE. 200 N E-12th St. Oakland. 1-story planing mill.
Owner—Kramer Mill & Lbr. Co., 3900 Allendale Ave., Oakland.
Architect—None. $1000

DWELLING
(1231) N GEORGIA ST. 100 W Laurel, Oakland. 1-story 5-room dwelling.
Owner—F. B. Dorst, 1387 60th St., Okd.
Architect—None.
Contractor—L. A. Peters, 3485 Davis St. Oakland. $2900

DWELLING
(1232) 2136 TWELFTH AVE., Oakland. 1-story 5-room dwelling.
Owner—H. W. McIntler, 1528 Franklin St., Oakland.
Architect—None. $3900

DWELLING
(1233) 2391 STANLEY RD., Oakland. 1-story 5-room dwelling.
Owner—A. H. Nunemacker, 792 19th Ave., San Francisco.
Architect—None. $3500

DWELLING
(1234) 3914 RANDOLPH Ave. Oakland 1-story 5-room dwelling.
Owner—E. S. Goodwin, Oakland.
Architect—None.
Contractor—E. W. Woodard, 535 Merritt Ave., Oakland. $4000

DWELLING
(1235) 3533 WILSON AVE., Oakland. 1-story 5-room dwelling.
Owner—Geo. B. Davis, 3283 Hyde St., Oakland.
Architect—None. $3800

DWELLING
(1236) 992 SUNNYHILL RD., Oakland 2-story 8-room dwelling.
Owner—Phillip H. Hess, 128 Kempton, Oakland.
Architect—None.
Contractor—C. A. Gossett, 327 Davis Court, San Leandro. $7800

DWELLING
(1237) 9229 D ST, Oakland. 1-story 6-room dwelling.
Owner—A. Menke, 9220 E St., Oakland.
Architect—None.
Contractor—C. M. MacGregor, 470 13th St., Oakland. $3700

DWELLING
(1238) 3828 WOODRUFF AVE., Oakland. 1-story 6-room dwelling.
Owner—W. W. Landgrube, 2829 Minna Ave., Oakland.
Architect—None. $3400

DWELLING
(1239) LOT 1 BLK H MAP GRAND Ave. Heights, (by the parks), Oakland. 2-story dwelling and garage.
Owner—Alvin W. Baker, Bacon Bldg., Oakland.
Architect — Walter J. Mathews, 927 Broadway, Oakland.
Contractor—J. T. Maganini, 603 36th Ave., Oakland.
Filed Mar. 14, 1923. Dated Mar. 13, 1923.
One-fifth completed $1864.35
Two-fifths completed 1864.35
Three-fifths completed 1864.35
Four-fifths completed 1864.35
Usual 35 days 1864.35
TOTAL COST, $12,429
Bond, $6214.50; Sureties, New Amsterdam Casualty Co.; Forfeit, none; Limit, 100 days; Plans and specifications filed.

STORES
(1240) S TWELFTH ST 100 W Clay St, W 76 S 100, Oakland. 1-story brick stores (5).
Owner—G. & Hortense Mounicot, Berk.
Architect—None.
Contractor—G. A. Scott, 685 23rd St., Oakland.
Filed Mar. 14, 1923. Dated Mar. 13, 1923.
Ready for ceiling joists.....¼
Brown coated .....¼
Completed and accepted.....¼
Usual 35 days .....¼
TOTAL COST, $12,080
Bonds, none; Sureties, none; Forfeit, none; Limit, 80 days; Plans and specifications filed.

HOSPITAL
(1241) NE COR. EDWY. & MOSS AVE 322.34x178.75 Oakland. Excavation, shoring, bulkheading and pumping for 4-story and basement hospital.
Owner—Fabiola Hospital Assn., Moss Ave., Oakland.
Architect — Geo. W. Kelham, Sharon Bldg., San Francisco.
Contractor—Ariss Knapp Co., 961 41st St., Oakland.
Filed Mar. 14, 1923. Dated Mar. 13, 1923.
10th day each month.....75%
Usual 35 days 25%
TOTAL COST, $1895
Bond, $948; Sureties, Fidelity & Deposit Co.; Forfeit, none; Limit, 15 days; Plans and specifications filed.

DWELLING
(1242) S PTN LOT 8 Revised Shdvn. Lot 15 Blk "G" Piedmont Park, Piedmont. All work for two-story frame dwelling.
Owner—Adelaide S. King, 100 Manor Drive, Piedmont.
Architect—Edgar A. Mathews and Horace G. Simpson, Call Bldg., San Francisco.
Contractor—E. T. Leiter & Sons, Call Bldg., San Ffancisco.
Filed Mar. 14, '23. Dated Mar. 12, '23.
3rd day of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $14,787
Bond, $7393.50. Surety, Globe Indemnity Co. Limit, 100 days. Forfelt, none. Plans and specifications filed.

DWELLING
(1243) NO. 1407 EDITH ST., Berkeley. One-story 5-room dwelling.
Owner—P. E. Marquis, 2045 Shattuck Ave., Berkeley.
Architect—None. $2800

APARTMENTS
(1244) NO. 2626-28-32-34 HILLEGASS Berkeley. Two two-story 16-room apartments.
Owner — J. H. and J. T. McClymonda, 2727 Hillegass, Berkeley.
Architect—None.
Contractor—R. R. Bixby, 2747½ Webster St., Berkeley. $14,000 each

DWELLING
(1245) NO. 2701 BELROSE ST., Berkeley. Two-story 10-room dwlg.
Owner—R. G. Holahird, Hobart Bldg., San Francisco.
Architect—B. G. McDougall, 318 Bush St., San Francisco.
Contractor—E. T. Leiter & Sons, 407 Call Bldg., S. F. $16,000

DWELLING
(1246) NO. 1848 SAN JUAN ST., Berkeley. One-story 5-room dwlg.
Owner—L. J. Jackson, 2111 Vine St., Berkeley.
Architect—None.
Contractor — Henry Gede, 1840 San Fernando Ave., Berkeley. $5000

STORES
(1247) NO. 1403-05 ENCINAL AVE., Alameda. One-story 2-room stores.
Owner—E. W. Warren, Hayward.
Architect—None.
Contractor—C. S. Schwartz, R. F. D. No. 1, Box 158, Hayward. $4000

DWELLING
(1248) NO. 3259 FERNSIDE BLVD., Alameda. One-story 6-room dwlg.
Owner—Clara O'Neil.
Architect—Guy Rosebrook, 1424 Franklin St., Oakland.
Contractor—Lundgren & Carlson, 1743 Blake St., Berkeley. $5000

DWELLING
(1249) NO. 820 LINCOLN AVE., Alameda. One-story 4-room dwelling.
Owner—M. A. Victor, Premises.
Architect—None.
Contractor—Theo. Victor, Premises. $1500

DWELLING
(1250) NO. 2625 CALHOUN ST., Alameda. One-story 5-room dwelling.
Owner—G. H. Noble, 2205 Santa Clara Ave., Alameda.
Architect—None. $3000

DWELLING
(1251) NO. 2511 SANTA CLARA AVE., Alameda. One-story 5-room dwlg.
Owner—Geo. Courtney, 2517 Santa Clara Ave., Alameda.
Architect—None.
Contractor—Paul Dufour, 3008 San Jose Ave., Alameda. $3750

DWELLINGS
(1252) NO. 2804, 2808, 2812 CENTRAL Ave; No. 1376 VERSAILES AVE., Alameda. Four one-story 4-room dwellings.
Owner — Mason Bowen, 2256 Central Ave., Alameda.
Architect—None.
Contractor—L. R. Chapton, — Haight Ave., Alameda. $3600 each

DWELLING
(1253) NO. 305 SANTA CLARA AVE., Alameda. One-story 5-room dwlg.
Owner—E. N. Dvachlo, 1424 Oak St., Alameda.
Architect—None.
Contractor—J. J. Groden, 2901 Santa Clara Ave., Alameda. $3000

DWELLING
(1254) PEARL ST. near Eagle Ave., Alameda. One-story 5-room dwlg.
Owner—J. H. Wade, 1202 Post St., Alameda.
Architect—None.
Contractor—M. J. Adams, 1908 Schiller St., Alameda. $3785

FIRE REPAIRS
(1255) 634 FIFTY-SECOND ST., Oakland. Fire repairs.
Owner—F. H. Coeker, premises.
Architect—None.
Contractor—J. F. Shrader, 2004 Telegraph Ave., Oakland. $2432

ADDITION
(1256) 3036 SEMINARY AVE., Oakland. 1-story 5-room addition.
Owner—F. J. Van Doren, premises.
Architect—None. $2500

ADDITION
(1257) 2915 FORD ST., Oakland. Addition.
Owner—Gilro Machine Co., 2915 Ford St., Oakland.
Architect—None. $2000

DWELLING
(1258) 1108 E-THIRTY-THIRD St Oakland. 1-story 5-room dwelling
Owner—H. Sundberg, 4515 Bond St., Oakland.
Architect—None. $4000

DWELLING
(1259) N VIRGINIA AVE. 180 W Knowles, Oakland. 1-story 5-room dwelling.
Owner—H. L. Metcalf, 4617 Virginia Ave., Oakland.
Architect—None. $2750

DWELLING
(1260) E SEVENTY-SECOND AVE. 90 N Spencer St., Oakland. 1-story 4-room dwelling.
Owner—Jos. Conture, 4100 Allendale Av Oakland.
Architect—None. $2000

DWELLING
(1261) N SUNNYSIDE AV 100 W 96th Ave., Oakland. 1-story 5-rm. dwlg.
Owner—Mrs. R. M. Clinton, 9500 Sunnyside St., Oakland.
Architect—None.
Contractor—W. B. Malick, 2122 High St Oakland. $2750

DWELLING
(1262) 3980 LAGUNA, Oakland. 1-sto. 5-room dwelling.
Owner—W. H. Taylor, 5001 Bond St., Oakland.
Architect—None.
Contractor—A. F. Anderson, 2800 Delaware St., Oakland. $4000

DWELLING
(1263) 674 CAPPEL ST., Oakland. 1-etory 6-room dwelling.
Owner—Esther H. Cooke, 2349 Valdez St., Oakland.
Architect—None.
Contractor—A. J. Yerrick, 5295 College Ave., Oakland. $3000

DWELLING
(1264) NE COR 150TH AVENUE AND Pearmain, Oakland. 1-story 5-rm. dwelling.
Owner—M. Delmar, 748 7th St., Okd.
Architect—None. $3000

DWELLING
(1265) E THIRTY-EIGHTH AVE 200 N Kansas St., Oakland. 1-story 4-rm. dwelling.
Owner—John Figuera, 3761 39th Ave., Oakland.
Architect—None.
Contractor—W. J. Flek, 3807 39th Ave., Oakland. $1500

DWELLING
(1266) 1717 WELLINGTON ST., Oakland. 1-story 5-room dwelling.
Owner—A. H. Anderson, 2232 E-22nd St., Oakland.
Architect—None. $3500

DWELLING
(1267) E THIRTY-FIFTH AVE 125 N California St., Oakland. 1-story 4-room dwelling.
Owner—A. Ward and W. Hanna, 765 6th St., Oakland.
Architect—None.
Contractor—J. Bryson, 765 6th St., Oakland. $1500

ALTERATION
(1268) 3511 E-TENTH ST., Oakland. Alteration.
Owner—J. Kurt, premises.
Architect—None. $1000

DREDGING
(1269) OAKLAND MOLE, Oakland. Dredging.
Owner—S. P. Co.
Architect—None.
Contractor—Pacific Coast Dredging Co. 112 Market St., San Francisco.
Filed Mar. 15, 1923. Dated Feb. 21, 1923.
Each month 75%
Usual 35 days 25%
TOTAL COST, 25c per cu. yd.
Bond, $9375; Sureties, Aetna Casualty & Surety Co.; Forfeit, none; Limit, 60 days; Plans filed; Specifications, none.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Amount

Mar. 9, 1923—S THIRTEENTH 6 W Franklin W 40xS 100, Oakland. Tribune Building Co to Dyer Bros Golden West Iron Works. Mar. 7, 1923

Mar. 9, 1923—NW VINCENT AVE 301.42 SW Portland Ave SW 37.50x NW 100, Berkeley. Leonard O and Millie M Adams to Jos Flittner.... .....March 5, 1923

Mar. 9, 1923—SW 45 LOT 34 Sheet 2, Nova Piedmont, Piedmont. W J Baker to whom it may concern.. .....March 9, 1923

Mar. 9, 1923—W FOOTHILL BLVD 125 S Ritchie, Oakland. Ernest T Minney to R A Smith...Mar. 6, 1923

Mar. 9, 1923—S CENTRAL AVE 80 W Park Ave W 40xS 120, Alameda. Peter Bareilles to George A Williams.....

Mar. 9, 1923—N HOLWAY 287 W 62nd Ave., Oakland. K A Johanson to whom it may concern...Mar. 9, 1923

Mar. 9, 1923—LOT 18 BLK 2, Map East Piedmont Heights Extn., Oakland. Myron Benfer to whom it may concern.....Mar. 5, 1923

Mar. 9, 1923—N HOLWAY 248 W 62d Ave, Oakland. K A Johanson to whom it may concern...Mar. 9, 1923

Mar. 12, 1923—LOT 26 BLK "A" Elmwood Park Tract, Bkly. Mildred M Dye to Roy O Long Co..... .....March 8, 1923

Mar. 12, 1923—LOT 4 BLK 4 Berkeley Square, Berkeley. W H Ringe to Roy O Long Co..... .....Feb. 27, 1923

Mar. 12, 1923—NE NEVIL and NW 38th Ave NW 35xNE 110.10, Oakland. Anna Almquist to E O Francis .....Feb. 26, 1923

Mar 12, 1923—NO. 852 BROCKHURST Oakland. Chas Rollar to Rollar & Stone.....March 12, 1923

Mar. 12, 1923—PTN LOTS 16, 17 and 19 Blk 5, Map Thousand Oaks Station Tract, Berkeley. E R Lamb to whom it may concern. Mar. 8, 1923

Mar. 12, 1923—LOT 4 BLK "B" Rose Knoll, Berkeley. P E Marquis to whom it may concern...Mar. 9, 1923

Mar. 12, 1923—E FOURTEENTH AVE 41 S E-22nd St., Oakland. J N Francis to E O Francis..Mar. 9, 1923

Mar. 12, 1923—E FOURTEENTH AVE 76 S E-22nd St., Oakland. J N Francis to E O Francis..Mar. 9, 1923

Mar. 12, 1923—2144 FOURTEENTH Ave., Oakland. J N Francis to E O Francis.....Mar. 9, 1923

Mar. 12, 1923—(1) 2145 SACRAMENTO; (2) 2149 Sacramento, Berkeley. E W Olin to whom it may concern .....March 12, 1923

Mar. 12, 1923—LOT 3 Map Belden Tract, Oakland. Axel T and Bessie J Hallberg to E S Campomenosl.. .....March 10, 1923

Mar. 12, 1923—LOTS 119 and 120 Map Redwood Park, Oakland. Archibald B Anderson to R A MacKerricher .....Mar. 10, 1923

Mar. 13, 1923—LOTS 1 AND 2 BLK 20 Map No. 8, Regents Park, Albany. Etta A Sprague to whom it may concern.....Mar. 10, 1923

Mar. 13, 1923—SE BANCROFT AND West, Berkeley. Thomas J Feency to Sutcliffe & Hitchcock. Mar. 13, 1923

Mar. 13, 1923—LOT 8 BLK 14, Oakridge Claremont, ——. E O Kelsey to David Nordstrom...Feb. 23, 1923

Mar. 12, 1923—LOT 10 Map Maple Tct, Oakland. F W S Brookes to whom it may concern.....Mar. 12, 1923
Mar. 12, 1923—LOT 36 BLK "D" Map East Piedmont Heights, Oakland. Charles E Bardwell Jr to whom it may concern.....Mar. 12, 1923
Mar. 12, 1923—N ½ LOT 12 BLK 8, Graves & Taylor Tract, Berkeley. W W Welch to whom it may concern.....Mar. 12, 1923
Mar 14, 1923—LOT 20 BLK 1 Map 4th Ave Heights, Oakland. Rose G Wille to whom it may concern.....March 14, 1923
Mar. 14, 1923—LOT 11 BLK 8 4248 Claremont Tract, Berkeley. E J Schneider to L L Lucas. Mar. 14, 1923
Mar. 14, 1923—NE FOOTHILL BLVD and Rosedale Ave., Oakland. W N Holt to California Builders Co.....March 12, 1923
Mar. 14, 1923—SE COLLEGE AVE and Ocean View Drive 50-6x40-8, Oakland. The Oakland Bank to Home Mfg Co.....March 4, 1923
Mar. 14, 1923—NO. 3511 PENNIMAN Ave, Oakland. Elizabeth K White to Oakland Home Builders Co.....March 14, 1923
Mar. 14, 1923—NO. 6500 TREMONT, Oakland. E Kurpachaff to Emil Person .....March 14, 1923
Mar. 15, 1923—N PARK BLVD 35 W Montclair Ave, Oakland. Clarence Blucher to Blucher Bros.....March 14, 1923
Mar. 15, 1923—S FORTY-THIRD 215-8 E West E 34-4xS 100, Oakland. Walter Hufschmidt to whom it may concern.....Mar. 1, 1923
Mar. 15, 1923—LOT 3 Map Collins Sbdvn Ptn Blk 3, Sbdvn Ptn Plot 6, also Ptn Coggerhall Tract, Emeryville. Mary A Whitaker to H E Sullivan.....Mar. 7, 1923
Mar. 15, 1923—NO. 2183 and 2189 Harrington and 3575 Douglas and 2041 and 2035 14th Ave and 13245 E-21st St. and 3442 Salisbury St., Oakland. R E Reeves to G N White .....Mar. 14, 1923
Mar. 15, 1923—NO. 6095 ROCKRIDGE Road, Oakland. Adele Stine to James L Rich.....Mar. 10, 1923

LIENS FILED

ALAMEDA COUNTY

Recorded Amount

Mar. 9, 1923—NW COR. E-THIRTY-eighth and Division W 50xN 90, Oakland. K A MacMillan vs B G Ball, Joseph R Khoumrian and J M Hegan $117
Mar. 9, 1923—N E-THIRTY-EIGHTH 50 W Division W 50xN 90, Oakland. K A MacMillan vs B G Ball, Joseph R Khoumrian and J M Hogan $117
Mar. 9, 1923—NE COR THIRTY-fifth & West E 84xN 100.2½, Okd. K A MacMillan vs W A Siebe, Hugh Baird, J P Baird and J M Hogan $230
Mar. 9, 1923—NE FORTY-THIRD & Grove E 90xN 50, Oakland. Sunset Lumber Co vs W T Ahlf, D Fay and Rowena Heald.....$606.44
Mar. 10, 1923—NE E-EIGHTEENTH and SE Park Blvd SE 165xNE 100, Oakland. California Steel Products Co vs J Kalitsas and F L Warner.....$120
Mar. 12, 1923—NE FORTY-THIRD & Grove E 90xN 50, Oakland. A H Smith vs T P and Dora Say and Rowena Heald $350
Mar. 13, 1923—LOT 3 BLK 28 Map Melrose Heights, Okd. M Friedman Co to Frank Guild and D V Graves $55.79
Mar. 12, 1923—LOTS 47, 48 and 49 Blk 9 Map No. 4, Regents Park, Albany. California Door Co, $55; Sunset Lmbr Co, $60 to Lew Smith

RELEASE OF LIENS

ALAMEDA COUNTY.

Recorded Amount

Mar. 9, 1923—LOT 32 BLK "O" Map Harmon Tract, Berkeley. Sunset Lumber Co to W Haas and W G Ahlf $641.25
Mar. 14, 1923—E NINTH AVE 33.33 N E-22nd N 33.34xE 100, Oakland. Strable Hardwood Co to Herbert Hansen and D D Bante. $60 30
Mar. 14, 1923—LOT 186 BLK S 210 Stone Orchards, Oakland. Sunset Lumber Co to Rudolph Nelson. $125.72

Notice of Non-Responsibility

ALAMEDA COUNTY

Mar. 9, 1923—PTN LOT 1 BLK 20 and Ptn Lot 24 Blk 20, Map Lakeshore Highlands, Oakland. Lakeshore Highlands Co as to improvements on property.....
Mar. 9, 1923—LOT 3 BLK 4, Map South Lakeshore Glen, Oakland. Lakeshore Highlands Co as to improvements on property.....
Mar. 15, 1923—LOT 18 Map Resbdvn Blk "C" Meek Est Orchards, Eden Tp. H W Meek Estate Inc as to improvements on property.....

BUILDING CONTRACTS

FRESNO COUNTY

$5,000 and Over Reported

OFFICE building, $20,000; No. 2037 Tuolumne St., Fresno; owner, Kinema Inv. Co.; contractor, Trewhitt-Shields Co., Rowell Bldg., Fresno.
TWO dwellings and two garages, $3000 each; No. 1523 and 1529 Webster St., Fresno; owner, Harry Homewood, 1051 Blackstone Ave., Fresno contractor, Avery & McCline.
TWO dwellings, $3000 each; No. 3640-3644 McKenzie Ave., Fresno; owner, State Investment Co.; contractor, M. C. R. Nelsen, 4055 Platt St., Fresno.
STORE building, $7000; No. 2244 Railroad Ave., Fresno. Owner, Maisler Bros., Premises; contractor, Thos. Pinner, Blackstone Ave., Fresno.
DWELLING, $6000; No. 1291 Linden Ave., Fresno; owner, J. D. Shorh, 1309 Linden Ave., Fresno; contractor, Short & Neads, 627 McKinley Ave., Fresno.
ALTERATIONS and additions, $11,450; No. 1536 Tulare St., Fresno; owner, Lee Toy, 1544½ Tulare St., Fresno; contractor, E. J. Farr, 245 Forthcamp Ave., Fresno.
DWELLING, $9000; No. 1007 College Ave., Fresno; owner, Laura C. Hunt, 1550 N St., Fresno; contractor, F. J. Hunt, 1550 N St., Fresno.
DWELLING, $7200; No. 4056 Kerckhoff Ave., Fresno; owner, G. Farris, 1306 P St., Fresno; contractor, C. E. Buckmaster, 4112 Platt Ave., Fresno.

COMPLETION NOTICES

FRESNO COUNTY

Recorded Accepted

Mar. 7, 1923—LOTS 7 AND 8 BLK 1, Fresno Home and School Tract, Fresno. R W McIntosh to whom it may concern.....Mar. 6, 1923
Mar. 7, 1923—LOT 13 PTN LOT 14 Blk 69, Fresno. W J Kittrell to whom it may concern....Mar. 5, 1923
Mar. 7, 1923—E ½ OF W 100 FT. LOT 4 Blk 2, Hazelwood. E Ahlberg to whom it may concern...Mar. 6, 1923
Mar. 8, 1923—LOTS 23 AND 24 BLK 1, Roeding Addition, Fresno. Rosella and R J McMann to whom it may concern.....Mar. 7, 1923
Mar. 8, 1923—S ½ W 115 FT. LOT 12 Blk 7, Wilson North Fresno Tract, Fresno. R C Kennedy to whom it may concern.....Mar. 5, 1923
Mar. 8, 1923—LOTS 14 AND 15 BLK 7, Torrance Terrace, Fresno. L S Hicks to whom it may concern.....March 6, 1923
Mar. 8, 1923—LOTS 7 AND 8 High Addition Annex No. 1, Fresno. Ella D Scott to whom it may concern.....March 7, 1923
Mar. 8, 1923—LOTS 28 AND 29 BLK 3, High Addition, Fresno. G W Black to whom it may concern.....March 5, 1923
Mar. 9, 1923—LOTS 3 AND 4 BLK 2, Boyd Addition, Fresno. Jas M Madsen to whom it may concern.....March 7, 1923
Mar. 9, 1923—LOTS 73 AND 74 BLK 1, Yosemite Addition, Fresno. Alva F Cart et ux to whom it may concern.....March 6, 1923
Mar. 9, 1923—LOT 14 E ½ LOT 13 Blk 9, Fresno Heights, Fresno. Margaret Keffer to whom it may concern.....March 8, 1923
Mar. 10, 1923—LOT 2 Sierra Vista Tract, Fresno. W B Watson and A F Lambert to whom it may concern .....March 8, 1923
Mar. 10, 1923—LOT 10 PTN LOT 9 Blk 2, Dear Park, Fresno. K M Hampartzoomain to whom it may concern.....March 9, 1923
Mar. 10, 1923—LOTS 9 AND 10 BLK 10, Sierra Vista Addition, Fresno. Fred Arnholz to whom it may concern.....March 8, 1923

LIENS FILED

FRESNO COUNTY

Recorded Amount

Mar. 10, 1923—LOTS 41 AND 42 BLK 2, Recreation Park, Fresno. Routt Lumber Co vs A C Floyd.....$133

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

$2,500 and Over Reported

RESIDENCE and garage, $15,200; Lot 18 & e ½ lot 19 blk 3 Northcrest, Stockton; owner, Pat J. Connolly, Lower Sacramento Road, Stockton; contractor, H. E. Allen. Recorded Mar. 8, 1923.
RESIDENCE, $15,000; 145 West Pine St., Stockton; owner, P. J. Connolly Lower Sacramento Road, Stockton.
RESIDENCE, $14,000; 1619 North El Dorado St., Stockton; owner, J. P. Hansen, Stockton.
RESIDENCE, $12,000; 27 East Willow St., Stockton; owner, Mrs. K. Wilson, Stockton.
BUILDING, assoc., $14,000; 120 North East St., Stockton; owner, San Joaquin Market Assn, premises.
RESIDENCE, $3000; 1571 West Poplar, Stockton; owner, H. E. Balthursch.
REMODEL, $5000; 120 N San Jeaquin, Stockton; owner, A. N. Gianelli, premises.
RESIDENCE, $2500; 2440 East Church St., Stockton; owner, N. W. Mohefley, Stockton.
RESIDENCE, $3750; 1845 W San Joaquin St. Stktn; owner, A. H. Heinman, 1246 E Main St., Stockton.
RESIDENCE, $3500; 1215 West Flora Stockton; owner, F. H. Ingalls, 611 West Fremont St., Stockton.
REPAIRS, $3000; 523 East Main St., Stockton; owner, E. F. Haas, prem.
RESIDENCE, $4600; 1821 Carmel Ave., Stockton; owner, S. L. Hanson.
RESIDENCE, $4600; 1825 Carmel Ave., Stockton; owner, L. E. Weller, 116 No. Sutter, Stockton.
RESIDENCES, 2, $3800 each; 651 and 673 North Regent St., Stockton; owner, William Peenstra, 125 Kensington Way, Stockton.
RESIDENCE, $3500; 724 South Regent, Stockton; owner, Wm. Peenatra, 125 Kensington Way, Stockton.
SHEDS, $3500; 800 W Fremont St., Stockton; owner, Falconbury Lumber Co., premises.

BUILDING CONTRACTS

SACRAMENTO COUNTY

$2,500 and Over Reported

ALTER and repair, $4000; 1225-31 8th St., Sacramento; owner, E. Clona, 510 Battery St., Sacramento; contractor, C. Vanina, 2022 M St., Sacramento.
DWELLING, 1-story 5-room, and garage, $3500; 3215 T St., Sacramento; Owner, K. Rosenberger, 2926 S St., Sacramento; contractor, Thos. B. Hunt, 2926 S St., Sacramento.
FLATS, 2-story frame, $8000; 1224 E St. Sacramento; owner, Mrs. Valardi, 1224 E St., Sacramento.
STORE BLDG., 1-story brick, $6000; 2730 N St., Sacramento; owner, O. M. Shiffer, 2731 N St., Sacramento; contractor, Brown & Furlotte, Motor R A Box 879, Sacramento.
DWELING, 1-story 5-room, and garage, $3250; 1216 33rd St., Sacramento; owner, T. H. Martin, 1401 L St., Sacramento,

DWELLING, 1-story 6-room, $4500; 1132 47th St., Sacramento; owner, W. J. Hippley, 1515 17th St., Sacramento; contractor, F. Maloney.
ALTER and add to store, $4900; 605 K St., Sacramento; owner, Buckman, Carragher & Patterson, premises.
TIRE SHOP, brick, $8500; 1316 K St., Sacramento; owner, Mary Gilson, 1318½ K St., Sacramento; contractor, W. C. Keating, Cap. Natl. Bank Bldg., Sacramento.
DWELLING, 1-story 5-room, and garage, $2500; 3432 Folsom Blvd., Sacramento; owner, O. P. Harnish, 911 19th St., Sacramento; contractor, W. M. Beem, 814 P St., Sacramento.
DWELLING, 2-story 10-room, and garage, $12,250; 1124 44th St., Sacramento; owner, Wm. A. Sitton, 1401 36th St., Sacramento; contractor, Jas. T. Randall, 1055 41st St., Sacramento.
DWELLING, 1-story 5-room, and garage, $4000; 2109 42nd St., Sacramento; owner, H. C. Mowman, 2814 H St., Sacramento; contractor, J. A. Saunders, 2810 I St., Sacramento.
DWELLING, 1-story 5-room, and garage, $4500; 2526 H St., Sacramento; owner, C. J. Hopkinson, 1318 25th St. Sacramento.
DWELLING, 1-story 5-room, and garage, $2700; 3341 43rd St., Sacramento; owner, M. C. Jackson, 3931 2nd Ave., Sacramento; contractor, Wm. T. Martin, 1522 N St., Sacramento.
DWELLING, $9177.43; S ½ LOT 1637 and N 35 ft. Lot 1638, W. & K. Tct., 24, Sacramento; owner, Sam Thorpe; contractor, Wm. V. Whitsell, Sacramento; recorded March 12, 1923.
SCHOOL building, $8870; Fourth and Q Sts., Sacramenao; owner, Sacramento City School District, City Hall, Sacramento; contractor, Geo. D. Hudnutt, California Fruit Bldg., Sacramento; recorded Mar. 12. 1923

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Accepted
Mar. 3. 1923—1433 FORTY-SECOND St. Harry V. Adams to whom it may concern .....Mar. 3, 1923
Mar. 3,1923—N ½ OF E ½ LOT 4, J-K-22-23. W. R. Britland to whom it may concern .....Dec. 15, 1922
Mar. 7, 1923—SIXTY-SIXTH & FOLsom Blvd. Albert Romani to whom it may concern .....Nov. 15, 1922

LIENS FILED

SACRAMENTO COUNTY

Recorded Amount
Mar. 1, 1923—LOT 156 & W 16 FT Lot 157 West Curtis Oaks Add. Barton & Handlin vs. M. & W. J. Gough $230.11
Mar. 1, 1923—N ½ L 8 L-M, 16-17 P. J. O'Brien vs. Mary E., Chas. E., Harry R. Hoffman, Alice Beaubot, Nellie Scanlon and P. Lopez....$1450
Mar. 3, 1923—W ½ LOT 6 & E ½ LOT 7 EM-26-27. A. G. Pape vs. F. M. Tiller $379.57

BUILDING CONTRACTS

SANTA CLARA COUNTY

$1,000 and Over Reported

SCHOOL
MT. VIEW, Cal. Terra cotta tile roof for union high school building.
Owner—Bd. Trustees, Mt. Union High School Dist., Mt. View.
Architect—W. H. Weeks, San Francisco.
Contractor—Gladding McBean & Co., Crocker Bldg., San Francisco.
Filed Mar. 8, 1923. Dated Mar. 5, 1923.
As work progresses.....75%
Usual 35 days 25%
TOTAL COST, $3150
Bonds, two; Sureties, Atholl McBean and Geo. R. Chambers (on both); Forfeit, none; Limit, 150 working days; Plans and specifications filed.

FINISH HARDWARE ON ABOVE
Contractor—E. M. Hundley, 183 Stevenson St., San Francisco.
Filed Mar. 8, 1923. Dated Mar. 5, 1923.
As work progresses 75%
Usual 35 days 25%
TOTAL COST, $1950
Bonds, 2, $975 ea.; Sureties, Maryland Casualty Co.; Forfeit, none; Limit, 150 working days; Plans and specifications filed.

TERRAZZA WORK ON ABOVE.
Contractor—Oakland Concrete & Terrazza Co., 2227 Market St., Oakland.
Filed Mar. 8, 1923. Dated Mar. 5, 1923.
As work progresses 75%
Usual 35 days 25%
TOTAL COST, $1480
Bonds, 2, $740 ea.; Sureties, Globe Indemnity Co.; Forfeit, none; Limit 150 work days; Plans and specifications filed.

SHEET METAL WORK ON ABOVE.
Contractor—W. Heidt Cornice Works, 152 1st St., San Francisco.
Filed Mar. 8, 1923. Dated Mar. 5, 1923.
As work progresses 75%
Usual 35 days 25%
TOTAL COST, $2191
Bonds, 2, $1095 each; Sureties, Globe Indemnity Co.; Forfeit, none; Limit, 150 working days; Plans and specifications filed.

WINDOW SHADES ON ABOVE.
Contractor—D. N. & E. Walter & Co., 572 Mission St., San Francisco.
Filed Mar. 8, '23. Dated Mar. 5, '23.
Payments same as above.....
TOTAL COST, $1163.25
Bonds, $581.60 each 2 Bonds, $581.60 each. Surety, United States Fidelity & Guaranty Co. Limit, 150 working days. Forfeit, none. Plans and specifications filed.

ELECTRIC WORK ON ABOVE.
Contractor—M. E. Ryan, Redwood City and Clunie Bldg., S. F.
Filed Mar. 8, '23. Datd Mar. 5, '23.
Payments same as above.....
TOTAL COST, $6160
2 Bonds, $3080 each. Surety, Fidelity & Deposit Co. of Maryland. Limit, 150 working days. Forfeit, none. Plans and specifications filed.

LATHING AND PLASTERING ON above.
Contractor—Thomas Carroll, 418 Capp St., San Francisco.
Filed Mar. 8, '23. Dated Mar. 5, '23.
Payments same as above.....
TOTAL COST, $16,315
2 Bonds, $8157.50 each. Surety, Hartford Accident & Indemnity Co. Limit, 150 working days. Forfeit, none. Plans and specifications filed.

COMPOSITION FLOORING & ROOFing on above.
Contractor—Malott & Peterson, 2412 Harrison St., San Francisco.
Filed Mar. 8, '23. Dated Mar. 5, '23.
Payments same as above.....
TOTAL COST, $1548
2 Bondds $774 each. Surety, New Amsterdam Casualty Co. Limit, 150 working days. Firfeit, none. Plans and specifications filed.

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BUNGALOWS
LOT 8 BLK 1 Hester Park Tract, San Jose. All work for two four-room frame stucco bungalows and two garages.
Owner—David K. Atkinson, 130 S-Willard St., San Jose.
Architect—None.
Contractor—Thomas J. Lannin, 312 S-Ninth St., San Jose.
Filed Mar. 8, '23. Dated Feb. 27, '23.
As work proceeds bills to be presented to owner by contractor and to be paid by owner.....
TOTAL COST, not to exceed $5400
Bond, $2700. Sureties, A. L. Hubbard and John Lindgren. Limit, 75 days from Feb. 27, 1923. Forfeit, none. Plans and specifications filed.

RESIDENCE
LOT 3 BLK 10, Hanchett Residence Park, San Jose. All work for one-story frame residence and garage.
Owner—C. W. Wolff, Santa Clara Co.
Architect—Wolfe & Higgins, Auzerals Bldg., San Jose.
Contractor—W. O. Furtwrangler, San Jose.
Filed Mar. 7, '23. Dated Mar. 6, '23.
Frame up $1900
1st coat plaster on..... 1900
Completed and accepted..... 1900
Usual 35 days..... 1900
TOTAL COST, $7600
Bond, $3800. Sureties, A. L. Hubbard and Clara A. Payne. Limit, 85 working days after Mar. 6, '23. Forfeit, none. Plans and specifications filed.

DWELLING
LOTS 11 AND 12 BLK 12, Hanchett Residence Tract, San Jose. All work for one-story frame stucco house and garage.
Owner—Grace Lord Pomeroy, San Jose.
Architect—Andrew P. Hill Jr., 451 Addison St., Palo Alto.
Contractor—George Lindblom, 471 W-San Carlso St., San Jose.
Filed Mar. 8, '23. Dated Mar. 5, '23.
Frame completed $4595.50
2nr coat plaster on..... 4595.50
On completion 4595.50
Usual 35 days..... 4595.50
TOTAL COST, $18,382.00
Bond, $9191.50. Surety, A. L. Hubbard and Otto E. Schnabel. Limit, 100 working days after Mar. 5, 1923. Forfeit, none. Plans and specifications filed.

BUILDING
LOT 4 BLK 3 West. Auzerals Addition, San Jose. All work for one-story frame galvanized-sheet covered building with concrete floor.
Owner—Oliver M. Johnson, 270 S-9th St., San Jose.
Architect—None.
Contractor—Frank L. Hoyt, 343 Reed St., San Jose.
Filed Mar. 6, '23. Dated Mar. 2, '23.
Floor in place.....$625
Frame completed 625
Building completed 625
Usual 35 days..... 625
TOTAL COST, $2500
Bond, $625. Surety, Wm. F. Serpa. Limit, 30 working days after March 5, 1923. Forfeit, none. Plans and specifications filed.

COTTAGE, six-room, $4900; Fifteenth near Margaret St., San Jose; owner, Lida Jack; contractor, L. C. Rossi.
ADDITION, $1380; No. 150 S-Twenty-second St., San Jose; owner, C. Kuhl, 39 S-10th St., San Jose; contractor, A. H. Petrie, 98 S-22nd St., San Jose.
COTTAGES (2), 5-room; $2700 each; Atlanta near Delmas St., San Jose; owner, L. C. Rossi.
COTTAGES, (4) 4-room, $3500 each; Atlanta near Bird St., San Jose; owner, L. C. Shanks; contractor, Willmott Bros., 36 W-Lincoln St., San Jose.
COTTAGE, 5-room, $2600; Locust near Balbach, San Jose; owner, M. K. Muller.
COMMERCIAL garage, $2500; San Carlos near Orchard St., San Jose; owner, O. M. Johnson, 270 S-9th St., San Jose; contractor, F. L. Hoyt, 343 Reed St., San Jose.
COTTAGE, 5-room, $3200; Orvis near 12th St., San Jose; owner, G. Ghiorsi.
COTTAGE, 5-room, $5000; Fifteenth ner Margaret St., San Jose; owner, F. A. Toste; contraqtor, Frank Nevrs.

ALTERATIONS and repairs, $1000; No. 185 N-Ninth St., San Jose; owner, J. S. Odell, 455 N-6th St., San Jose.
ADDITION to mill, $4200; Autumn St. near Santa Clara, San Jose; owner, S. H. Chase & Co., 463 W-Santa Clara St., San Jose; contractor, C. H. Thomas, 340 S-3rd St., San Jose.
COTTAGE, 5-room, $3500; Jerome near Prevost St., San Jose; owner, Fisher & Wilde, Plummer Road, San Jose; contractor, Ed. Delcastro, 424 W-Julian St., San Jose.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded — Accepted
Mar. 7, 1923—LOT 6 W. S. Thorne's Sub, San Jose. Mitchell Martino H C Wells and J S O'Dell..Mar. 3, 1923
Mar. 7, 1923—LOT 11 BLK 4, Alameda Park, San Jose. Leo M. Langford to E Delmaestro.....Mar. 5, 1923
Mar. 7, 1923—PTN LOT 2 BLK 71, University Park (now Palo Alto). Gladys Higgins Glaeser to whom it may concern.....Mar. 6, 1923
Mar. 7, 1923—LOTS 1 AND 2 and Ptn Lot 30, Nelson J. Bird's Sub., San Jose. Charles O Taylor to R W Follmer.....Mar. 2, 1923
Mar. 8, 1923—PTN LOT 3 BLK 38, City of Palo Alto. Rose M Carter and Lily B Carter to whom it may concern.....March 1, 1923
Mar. 8, 1923—ALAMEDA PARK. A W Maderis to M E Kilcourse..... .....March 8, 1923

LIENS FILED

SANTA CLARA COUNTY

Recorded — Amount
Mar. 7, 1923—LOT 18 BLK 7 Range 6, South, Snow & Pettis Addition, San Jose. The Minton Co vs George M Bobst $42.60
Mar. 7, 1923—LOT 34 SBDVN "A" Monta Vista. The Minton Co vs John Katovich $249.66
Mar. 9, 1923—LOT 23 BLK 3, South Palo Alto. A Simonini vs S C Cooke and Clara MacGregor..$73.50

BUILDING CONTRACTS

SAN MATEO COUNTY

HOME
LOTS 6, 7, 8, 9, 10, 21, 22, 23, 24, & 25 Blk. 1 Escondite Tract, near Menlo Park. All work for one-story summer home for Little Children.
Owner—The Roman Catholic Archbishop, 1100 Franklin St., S. F.
Architect—Smith O'Brien, 742 Market St., San Francisco.
Contractor—Louis N. Pollard No. 55 Brewster St., Redwood City.
Filed Mar. 8, 1923. Dated Mar. 1, 1923.
1st each month 75%
Usual 35 days 25%
TOTAL COST, $16,490
Bond, $8245; Sureties, M. P. Gray & Z. T. Thorning; Forfeit, $10.00; Limit, on or before June 1st, 1923; Plans and specifications filed.

VAULT
AT THE CLUB COUNTRY HOME, San Mateo. All work for reinforced concrete vault.
Owner—The Olympic Club.
Architect—C. R. Sessions Con. Eng.
Contractor—James R. Folim, 46 Kearny St., San Francisco.
Filed Mar 8, 1923. Dated Feb. 21, 1923.
Completed and accepted.....$825
Usual 35 days 275
TOTAL COST $1100
Bond, $1000; Sureties, National Surety Co.; Forfeit, $1.00; Limit, 30 days; Plans filed; Specifications, none.

BUNGALOW
LOT——, BLK—— WISNOM ADD., San Mateo. All work for bungalow.
Owner—Benjamin & Hannah Bogue, 229 Grand, San Mateo.
Architect—None.
Contractor—E. S. Shaver, 338 Highland, San Mateo.
Filed ——. Dated——.
Roofed .....——
Plastered .....——
Completed and accepted .....——
Usual 35 days .....——
TOTAL COST, $4200
Bond, none; Sureties, none; Forfeit, none; Limit, none; Plans and specifications, none.

BUNGALOW
LOT 9 BLK 7 SUB A WELLSBY PARK Redwood. All work for 1-story bungalow and garage.
Owner—Mr. and Mrs. Robert Seishman, Redwood City.
Architect—None.
Contractor—H. J. LeBlanc & Co., 242 Post St., S. F.
Filed Mar. 8, 1923. Dated Feb. 27, 1923.
Enclosed $1000
Plastered 1000
Completed and accepted 1000
Usual 35 days 1000
TOTAL COST, $4000
Bond, none; Sureties, none; Forfeit, none; Limit, 70 days; Plans and specifications filed.

DWELLING, 1-story, $12,950; N E Ptn Lot 20 S. M. P. Belle View Ave., San Mateo; owner, Henry E. Strout, 15 Barriolhet St., S. M.; architect, C. J. Rogers, Phelan Bldg., S. F.; contractor, S. A. Wisnom, A & 2nd Sts, San Mateo.
DWELLING, 1-story, $6700; Lot 12 Blk 7 B W Add San Mateo; owner, S. R. Glazer, 318 3rd, San Mateo; contractor, W. T. Croop, Homestead.

NO. 1—PART LOT 22 & 23 BLK 84
NO. 2—PART LOT 26 BLK 84
NO. 3—PART LOT 17 & 18 BLK 84
NO. 4—PART LOT 24 & 25 BLK 83
NO. 5—PART LOT 13 & 14 BLK 84
NO. 6—PART LOT 19 BLK 95
NO. 7—PART LOT 14 & 15 BLK 94
NO. 8—PART LOT 30 & 31 BLK 95
South San Francisco.
No. 9—LOT 2 BLOCK 2
No. 10—LOT 12 BLOCK 1, High School Park Addition. All work for 10 1-story bungalows.
Owner — So San Francisco Land & Imp. Co., So. San Francisco, Cal.
Architect—None.
Contractor — R. C. Stickle, So. San Francisco.
Filed Mar. 12, 1923. Dated Mar. 9, 1923.
Estimated cost each bungalow plus 10%, ...$3600
Progress payments
Usual 35 days .....balance
TOTAL COST, not to exceed $35,320
Bond, $17,660; Sureties, New Amsterdam Casualty Co.; Forfeit, $5.00 per house; Limit, none; Plans and specifications filed.
DWELLING, duplex, $6000; 9th Ave. Hayward Add., San Mateo; owner, Mrs. E. Condy; contractor, Hammer V. Hultberg.

BUNGALOW
1296.03 FT. SOUTHLY STATE HIGHWAY 114x276 fronting on Roblar Ave., Blake Tract, Menlo Park. All work for 1-story bungalow and garage.
Owner—Alfred E. Blake & wife, Menlo Park.
Architect—None.
Contractor—Harry C. Groom, Redwood City.
Filed Mar. 8, 1923. Dated Feb. 10, 1923.
Material delivered and work started $1000
Framed 1100
Plastered 1100
Completed and accepted 1100
Usual 35 days 2600
TOTAL COST, $6900
Bond, $3450; Sureties, P. E. Brand, S. B. ————; Forfeit, none; Limit, reasonable time; Plans and specifications filed.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded — Accepted
Mar. 8, 1923—LOT 13 BLK 2 BURLINgame Terrace, Burlingame. Attie H. and William B. Isaacs to F. M. Neher .....Mar 1, 1923
Mar. 8, 1923—LOT A BLK 9 BURLINgame Terrace, Burlingame. H. W. Regan to whom it may concern.. .....Mar. 8, 1923
Mar. 8, 1923—LOTS 51, 52, 55 and 56 Polhemus Tract, near Atherton. Suzanne Perry to P. E. Brand.... .....Mar. 6, 1923
Mar. 12, 1923—LOT 12 BLK 10 Burlingame Grove Tract, Burlingame. Henry East to whom it may concern .....Mar. 10, 1923

LIENS FILED

SAN MATEO COUNTY

Recorded — Amount
Mar. 9, 1923—LOT 6 BLK 4 EASTON No. 1, San Mateo. George M. Pabst vs. Thomas Foley $876.80

BUILDING CONTRACTS

CONTRA COSTA COUNTY

THREE one-story frame dwellings, $6000; SW 40th and Nevin Sts., Richmond; owner, A. Siemsen, 822 13th St., Oakland.
DWELLING, one-story frame, $5000; S-Cutting St., bet. 28th and 29th Sts., Richmond; owner, Dr. Chas. R. Blake, 308 Ohio St., Richmond; contractor, Tandy & Thies, 719 6th St., Richmond.

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SAN FRANCISCO, CALIF., MARCH 24, 1923

Published Every Saturday
Twenty-third Year No. 12

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San Francisco Los Angeles

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

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MISFIT HIGHWAYS

America, so far as its highways are concerned, is like a boy who has outgrown his clothes. It isn't his fault. It will do no good to scold him. The remedy is to get him a new and larger suit and to make allowance for his continued growth.

Rapid increase in the volume, weight and speed of motor traffic is causing all the highway trouble according to officials of the Iowa State Highway Commission who have exhausted tests to discover the best method of handling the road problem.

They discovered among other things the following pertinent facts:

Highways which used to have 20 to 30 vehicles a day now carry 500 to 1,000 in the same time.

Where the speed formerly was 4 to 8 miles an hour it is now 25 to 35 miles.

Where the loads used to be two tons at the most now many a touring car with is passengers weighs that much, and loaded trucks reach ten and more.

In ten years the registration of automobiles in one state increased from 10,422 to 481,535. Road revenues ten years ago averaged $552 per vehicle. Now they average $50 per vehicle.

In eleven years traffic increased eleven times as fast as revenue for highway use. In eleven years residents of the state bought 718,000 new cars at an average cost of $800, a total of $575,000,000.

Revenues for highway construction where these cars run have totaled less than one-third the cost of the machines.

Highway traffic has outgrown the road. No wonder, the farmers of many states are demanding roads which will be as good as city streets.

WASHINGTON AND OREGON LUMBER PRODUCTION BREAKS ALL RECORDS

Figures for the first eight weeks of 1923 indicate that activity in the lumber producing regions of Western Washington and Western Oregon this year will surpass even the records for production and shipments established in 1922, when the Pacific Northwest for the first time surpassed the southern pine country and became the principal source of soft wood lumber in the United States.

At the end of February, 1922, mills reporting to the West Coast Lumbermen's Association and representing 75 per cent of the milling industry in the western sections of Oregon and Washington showed an output in excess of that of members of the Southern Pine Association, but not greatly so.

At the end of the first eight weeks of 1923 the reports of the western mills showed production, shipments and orders for in excess of the figures for the corresponding period last year, and considerably greater than the figures for the Southern Pine Association for this year.

Members of the eight American associations of soft wood lumber manufacturers reported for the first eight weeks of 1923 prduction of 1,579,225,455 feet of lumber, as compared with 1,400,735,059 feet in the corresponding period in 1922; shipments of 1,962,604,791 feet, as compared with 1,328,366,101 feet in 1922, and orders for 2,225,936,692 feet, as compared with 1,392,238,437 the previous year.

It is worthy of note that in the lumber business throughout the country orders this year have been far ahead of production—a condition that obtains in the Pacific Northwest as well as elsewhere—whereas in the same period in 1922 orders did not keep up with production.

Toward the end of February loggers in the Puget Sound district put into effect a horizontal increase in the price of logs. Prices were advanced from $14, $19 and $26 a thousand feet, depending on the quality of the logs, to $15, $21 and $28. Prices of finished lumber are more or less unsettled.

CALIFORNIA ROAD CENSUS

California now has 44,775 miles of improved road not including that added during last season, according to the Bureau of Public Roads, United States Department of Agriculture, which has made a complete census in the State. The improved road mileage at the beginning of 1922 was as follows:

Graded and drained	39,499
Sand-clay	240
Gravel, chert, and shale	7,087
Water-bound macadam	533
Surface treated macadam	1,355
Bituminous macadam	701
Sheet asphalt	685
Bituminous concrete	493
Cement concrete	2,613
Miscellaneous	669

The total road mileage of the State is 75,899 miles, as compared with 61,039 miles in 1914, and during the seven-year period from 1914 the surfaced and paved roads have increased from 10,280 to 14,275 miles.

The total income for highways in 1921 amounted to $49,691,895 or $319 for each square mile of area, $655 for each mile of road, or $14.50 per capita.

TESTS OF HOLLOW TILE AND CONCRETE FLOOR SLAB

Data on the investigation which the U. S. Bureau of Standards has been conducting on a hollow tile and concrete floor slab reinforced in two directions have been published as Technologic Paper No. 220 of the Bureau, for sale from the Superintendent of Documents, Government Printing Office, Washingaon, D. C., at 25c per copy.

The test slab (located at Waynesburg, O.) was built by laying hollow clay tiles in rows in two directions at right angles to each other 4 in. apart, laying a ½-in. round steel reinforcing bar in each space between the rows of tiles and finally filling this space with concrete and allowing it to harden. The slab is approximately 6 in. thick, 50 ft. wide, and 15 ft. long, and is divided into 18 panels, being probably the largest floor slab ever constructed for test purposes.

When the slab was about 2 months old, a load several times as heavy as any to which such a slab would be subjected in an actual building was applied. At different stages of loading, the stretch of the reinforcing bars was measured with an instrument sensitive to movements of .0001 of an inch. From this information it has been possible to calculate the stresses in the bars and to estimate how near they were to failure at any given load. The load was left in place for several months and as no serious damage to the slab resulted, the load was further concentrated. Chimney bricks were piled upon certain panels of the slab to a heigth of 20 ft. This load was left in place and now has been on the slab for nearly 2 years. Nowhere has the slab broken down, though at one place cracks have opened and at the same place a large deflection has occurred.

AVERAGE LOAD PER FREIGHT CAR

If the average load per can which prevailed during 1920 and 1921 had been secured in 1922, 132,440 cars less would have been required in the first quarter of 1922 and 486,206 cars in the second, or an aggregate of 618,644 cars to handle the same relative amount of tonnage, according to the Car Service Division of the American Railway Association. In other words, approximately 120,000,000 empty car miles would have been saved during the first six months of 1922. This would have increased the available surplus care by about 4,000 per day.

U. S. ENGINEER OFFICE SEEKS WEIR BIDS

Bids will be received by the U. S. Engineer Office, 85 Second St., San Francisco, April 12, 11 A. M., to construct a concrete weir near Fremont, Yolo County. The project involves approximately 30,000 cu. yds. concrete; 47,000 tons rap-rap; 15,000 cu. yds. gravel and 260,000 cu. yds. excavation.

Contra Costa County supervisors have voted a franchise to the Delta Bridge Corporation, recently organized, to construct a drawbridge, 6700 feet long, over the San Joaquin river, three miles east of Antioch. Structure will cost approximately $750,000.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

Judge Valentine in the Superior Court of Los Angeles County has awarded Mary Harrison Spires judgment of $36,000 against John Roberts, who erected the Cinderella Roof Garden building at Sixth and Olive Sts., Los Angeles, for loss of rents due to delay in completing the structure in the time stipulated in the contract. Mrs. Spires was also ordered to pay mechanics liens aggregating $36,000 which has been filed on the property out of $52,000 which has been retained from the amount due the contractor. The balance of $16,000, remaining after liens are satisfied will be applied on the judgment for $36,000 against Mr. Roberts and his bondsmen, th U. S. Fidelity & Guaranty Co.

The entire logging equipment of the West Fork Logging Company's camp on the east fork of the Tilton River, near Lindberg, Wash., has been purchased by the Lytle-Inch Logging Co. of Portland, according to Walter Inch, general manager of the Portland Company, who is now in Tacoma. The transaction includes six miles of logging railroad, all of the buildings, supplies and equipment of the east fork camp as well as the equipment used in the woods.

The Assembly of the State Legislature has passed a bill by Senator Hart of Los Angeles, repealing a law which has heretofore limited the height of hotel buildings to one and a half time the width of the streets faced. The law, it was explained, was passed at a time when fire hazards and protections made such a limitation desirable, but that it was no longer necessary for safety.

F. M. Faude, formerly of Minnesota, has been appointed chief hydraulic engineer of the State Railroad Commission to succeed C. I. Rhodes, resigned. Faude was graduated from the University of Minnesota and prior to entering the service of the state five years ago as assistant hydraulic engineer was connected with the Northern Pacific Railroad and with the United States reclamation service.

Jos. B. Strauss, designer of the proposed bridge over the Golden Gate Straits, is in San Francisco, and predicts the structure will be opened for traffic by 1927, if the people of San Francisco and other communities of the bay region are willing to spend $20,000,000 and if they are successful in obtaining the sanction of the War Department.

Santa Fe Railroad will establish $5,000,000 terminal at Bakersfield, to be completed within five years, according to announcement of J. W. Walker, superintendent of the Valley Division. Improvements will include a number of shop buildings and a round house with a capacity of from sixteen to twenty engines.

According to Bradstreets, building permit values in 149 cities of the U. S. in February, 1923, were 13.7 per cent higher than in January and 62.9 per cent greater in February, 1922. The total value of permits filed in the 149 cities last month was $218,748,197.

A mid-year safety conference has been called by the Engineering Section of the National Safety Council at Chicago, Ill., April 17, in the auditorium of the Western Society of Engineers, 53 W. Jackson Blvd. Handling Material, Dust and Fume Hazards, and Traffic Safety are the three main topics on the program.

The Concrete Products Association of Southern California has changed its constitution and by-laws to permit the expansion of the organization by admitting to membership not only makers of concrete products, but also concerns which furnish raw materials and equipment to the contractors and construction men themselves.

The Pittsburg Plate Glass Company for 1922 reports net income of $9,275,803 after depreciation Federal taxes, etc., compared with net income of $6,742,876 in 1921. Operating profits were $13,307,738 before deductions for depreciation, etc., against $11,019,532 in the previous year.

A second election will be held in Chico in April to vote bonds of $475,000 to purchase and improve three privately owned water systems to operate as a municipal project. The first election, recently held, failed to carry by twelve votes.

Manteca plans to vote bonds of $65,000 to purchase privately owned water works plant to operate as a municipal project. Town is also planning a modern sewage disposal plant.

Fay Improvement Company of San Francisco awarded contracts for two sewer and paving projects in San Mateo, totaling $122,818.

Mitchell-Virden Lumber Company mills at Duncan's Mills, Sonoma county, suffer $70,000 fire loss.

Vallejo plans to hold a gigantic industrial exposition and auto show, June 30 to July 7.

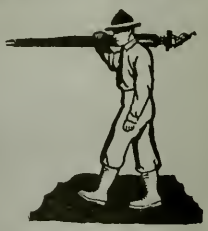
San Pedro Lumber Co., mills between San Pedro and Wilmington, Los Angeles County, suffers $40,000 fire loss.

CORRECTION

In the February 24 issue, in this department, it was reported that Richard Sachse, Chief Engineer of the State Railroad Commission, had resigned to accept the position of Chief Engineer of the Los Angeles Street Railway Company. Mr. Sachse has resigned his position an chief engineer of the Railroad Commission, but the statement to "accept the position of chief engineer of the Los Angeles Street Railway Company," is in error.

Mr. Sachse has entered consulting engineering practice, and his first work is a survey of the Los Angeles street railway situation in which the California Railroad Commission and the City of Los Angeles are participating, and which includes the lines of the Pacific Electric Railway Company and the Los Angeles Street Railway Company. Mr. Sachse is also retained in a consulting capacity by the California Railroad Commission.

ALONG THE LINE



Peterson, Shirley and Gunther, Omaha, Neb. contractors, have contract to construct 330 miles of railroad extending from Casper, Wyo., to Miles City, Mont., via Sheridan. The line will be operated by the Middle States Oil Company. Construction will be started April 1. Contract includes the construction of 330 miles of telegraph system and 660 miles of fencing. The total estimated cost is $12,000,000.

Pacific Gas & Electric Co. is preparing to spend between $17,000,000 and $18,000,000 in further hydro- electric development on the Pit river and for transmission to load centers of the resulting power, according to John A. Britton, general manager of the company.

State Engineer W. F. McClure has approved the proposal of the directors of the Modesto Irrigation District to issue bonds of $298,400 to finance construction of a power distributing system in connection with the Don Pedro dam project.

The California Salt Co. of Alvarado, whose plant was destroyed by fire some weeks ago, will be rebuilt. When completed the structures will house the largest and most modern salt plant in the world.

The Los Angeles county civil service commission announces an open competitive and promotional examination, April 10, for senior civil engineering draftsmen; salary, $180 to $200 a month. At least two appointments are to be made at once.

Construction has been started at Pittsburg, Contra Costa County, on the first unit of the $20,000,000 steel plant for the Columbia Steel Company. The unit consists of a machine shop and additional open hearth furnaces.

The Riverside Portland Cement Co. has increased its capital stock from $5,000,000 to $6,500,000. Wm. G. Henshaw is president and Wm. H. Metcalf, secretary of the company.

McClenahan Products Co., of San Francisco, is planning to establish a plant in East San Mateo for the manufacture of clay pipe, brick and various clay products.

Stephens Creek Gravel Company of San Jose has been incorporated. Officers are: Chas. E. and Mable D. Warren and E. A. Kelliher.

Jones Brothers Asbestos Supply Co. of San Francisco has opened offices at 1242 Parallel St., Fresno, with John F. McGovern in charge.

Tulare County Building Trades Council plans erection of $200,000 labor temple in Visalia.

Plant of Dominion Creosoting & Lumber Co. at Vancouver, B. C., suffers $200,000 fire loss, March 17.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

SACRAMENTO BUILDERS ELECT ELEVEN DIRECTORS

At the annual meeting of the general membership of the Sacramento Builders Exchange, held March 19, eleven directors for the coming year were elected, which election practically reinstalled the same directors who were on the board of exchange last year with one exception. The names of the builders elected are A. W. Norris, F. L. Dixon, C. F. Vining, W. J. Clifford, W. E. Truesdale, O. R. Earle, J. R. Wilson, G. A. Bertolucci, L. H. Chapman and O. H. Miller.

The elected members are scheduled to take office April 16. The annual report of the activities of the exchange was made by A. R. Norris, president. A number of door prizes were awarded at the meeting, and were donated by different Sacramento firms handling building material. Twenty seats in the Builders Exchange baseball box at Moering park were given away and the lucky ones will witness the opening game of the Pacific Coast League in this city this year. A luncheon also was served to the membership.

The membership of the Sacramento Builders Exchange comprises two hundred and seventy Sacramento craftsmen, of which ninety-one were admitted to membership during the past year..

The Sacramento Builders Exchange boasts of owning its own building, which is an accomplishment of but few such organizations throughout the United States.

FRESNO BUILDERS ELECT

"The Fresno Builders' Exchange has so conducted itself during the last year that we now have almost the entire confidence of the Building Trades Council," J. G. Martin, president of the exchange, declared following the meeting of the newly elected directors, at which officers for the coming year were chosen.

"We have tried to be impartial and fair, and now we are working harmoniously with the council. They confer with us frequently, and we feel that much has been accomplished," Martin said.

The officers chosen by the directors are as follows: J. G. Martin, president; H. W. Shield, vice president; William Rowe, treasurer, and R. W. Chrouch, secretary manager. The directors who were elected at the annual meeting of the exchange recently, held at the Hughes Hotel, were R. F. Felchin, F. B. Billings, H. H. Courtright, E. J. Farr and Frank Minard, the last two being newly elected. More than 75 members were present at the meeting.

STOCKTON BUILDERS ELECT

O. H. Chain was elected president of the Stockton Builders' Exchange at the annual meeting held March 19. Following the meeting 100 members of the exchange enjoyed an impromptu entertainment.

The following officers were elected to serve with the Chain administration: L. A. Danner, vice president; K. A. Perkins, secretary, and Owen Miller, treasurer. The new Board of Directors consist of O. H. Chain, W. F. O'Keefe, L. A. Danner, W. A. Murphy, Ed. H. Riley, Charles Rich, Owen Miller, Charles Frederickson and H. E. Heller.

PLUMBERS UNION TO DO WORK AT COST PRICE

(Reprint—S. F. Call)

"Plumbing installed at cost" was the sign hung out by the plumbers' union at the Building Trades Temple today in establishing a new contracting plumbing concern.

Union officials said the organization had decided to go into the contracting business on assurances from plumbing supply houses to furnish materials to the union. This concession was declared to be a breakdown of the American plan, against which the plumbers have been on strike for some time.

The union plans to put its several hundred striking members to work in this manner, and will charge only the cost price for materials, so that the men can be provided with work. The union is required to pay cash for its materials.

The plan was worked out by Thomas Wetzel, business agent of the union, and has the backing of the international union, it is asserted. Archbishop Hanna is said to have promised to give the union all of the work in the parochial schools.

S. F. BUILDERS' EXCHANGE ELECTS DIRECTORS

With twenty-seven candidates in the field the San Francisco Builders' Exchange held its annual election March 19 for directors to serve for the ensuing year. The Board of Directors consist of eleven members and they were elected in the following order: W. H. George, Emil Hogberg, Chas. W. Gompertz, Jos. B. Keenan, J. D. McGilvray, James H. Pinkerton, Alex Mennie, R. J. H. Forbes, D. J. Sullivan, Geo. T. Bowen and C. G. Berg.

The result of this election means that the Builders' Exchange for the coming year will persue its established policy of maintaining the American Plan of employment in the building trades in this city and vicinity. Property owners and investors intending to build can now proceed with their plans with the full assurance that the building activities of this city and vicinity will continue unabated for the next twelve months.

EMPLOYMENT SITUATION IMPROVED

The employment department of the American Association of Engineers reports that engineering services continue in demand in most sections of the country, particularly in the middle west, and the outlook for technical employment is active and favorable. There is an increased confidence that good business will continue. This will lead to more construction providing labor and materials are not beyond reasonable figures say engineers. A number of manufacturing companies, particularly road machinery, mining machinery and similar commodities are practically sold out for the first half year and many steel companies are sold for part of the second half of the year, and the demand from railroad and construction companies is continuing. Hotels in the large cities are well filled with heavy railroad traffic.

RALPH WYCKOFF, ARCHITECT, WINS SCHOOL FUND SUIT

J. G. Force, Superintendent of Schools of Monterey County, and James Taylor, Treasurer of Monterey County, were ordered by the District Court of Appeal to authorize payment of an order for $7000 drawn by the trustees of Salinas Union High School District, to Ralph Wyckoff, architect, who constructed the new Salinas High School.

Wyckoff was given judgment in his suit in the lower court, and this was affirmed by the recent Appellate Court ruling. He claimed that he had made an agreement with the trustees by which he was to superintend the construction of the new building for $20,000, payable in installments as the work pregressed.

When the $7000 payment claimed by the architect was not forthcoming he took the matter to court. Treasurer Taylor contended that, dispite the issuance of $400,000 worth of bonds to build the high school, there was not sufficient funds in the treasury for that purpose when the $7000 warrant was drawn for Wyckoff. He also contended that the building had not been completed nor accepted by the school district as yet.

The Appellate Court overruled all these objections upon the ground that Wyckoff was entitled to his money, and it was the duty of the county authorities to authorize its payment, if not from one fund, from another.

NEVADA HIGHWAY NEWS

The current issue of Nevada Highway News, issued bi-weekly by the Nevada State Highway Department and edited by Geo. W. Borden, state highway engineer, furnishes a complete review of road activities in that section in addition to valuable information and editorial comment affecting the construction of highways.

The publication will be mailed without cost to anyone interested in Nevada's highways.

ARCHITECT OFFERS PRIZE

Architect John J. Donovan of Oakland has given students who are majoring architecture in Eugene, Ore., an opportunity to win $125 in cash prizes. The award will be made to the student designing the best perspective for a general cosmopolitan or inclusive high school to accommodate at least 2000 students. This will mean the designing of a number of buildings and the laying out of forty acres of grounds.

The juniors in the schools at Eugene are working on plans for low elementary schools, the sophomores, those of rural schools and the seniors the cosmopolitan schools.

CEMENT, LIME AND WATERPROOFING BIDS WANTED

Bids will be considered by the Board of Park Commissioners, B. P. Lamb, Secretary, on March 27, for furnishing and delivering to Municipal Playground, Great Highway and Sloat Boulevard, 18,000 sacks of cement; 13,000 pounds of waterproofing compound and 80,000 pounds of hydrated lime. Blanks for bidding will be furnished on application by the secretary of the commission, Park Lodge, Golden Gate Park.

Advantages of Standard Specifications for Bituminous Materials* Asphalt

(By Prevost Hubbard, Chemical Engineer, The Asphalt Association)

The term bituminous as applied to road materials includes tar, oil and asphalt products. In discussing the advantages of standard specifications for bituminous materials I have been assigned the subject of asphalt with the understanding that other classes of bituminous materials will be dealt with in additional papers presented at this Convention.

The advantages of standardizing specifications for any and all materials of construction, when practicable, are so evident as to require but brief comment as related to the asphalt industry. In the first place such standardization makes for uniformity in marketed products. The producer knows in advance just what products he will be called upon to supply and is able to keep on hand sufficient stock to fill orders promptly as received. This makes it possible for refinery operations to be conducted in a uniform manner thereby reducing the cost of such operations and at the same time eliminating unnecessary and expensive storage facilities. The cost of production is, of course, reflected in the market price of a material and in this connection standardization always works to the advantage of the consumer. Moreover, the consumer is practically assured, in advance, of the quality of the material which he will receive after placing an order and the expense of inspection may be kept at a minimum, as on standardized products a few simple check tests practically insure conformity with most of the other essential requirements. He can also obtain small quantities of materials as readily as large quantities because the producer always has a stock on hand from which to make delivery. To sum up, the principal advantages of standardization are lower costs, prompt service, convenience of inspection and assurance of uniformity.

On the other hand, if the producer is faced with a great variety of specifications he must either refuse some markets, to which he should have convenient access in order to create competition, or he must be constantly changing his plant operations thereby creating opportunity for mistakes of a more or less serious nature to himself as well as the consumer. He must be equipped with expensive storage facilities if he wishes to maintain sufficient stock of each variety of product to fill orders promptly and he never knows when some apparently slight modification of an existing specification may eliminate material which he is carrying in large quantity and thus cause considerable loss. If he does not carry stock on hand it is often difficult if not impossible to fill orders promptly and many small orders must be refused as it would not be profitable for him to turn out a still of material on an order for a few barrels or even tons.

Too many engineers and chemists play with asphalt specifications as though the various requirements were independent units which could be varied at will. As a matter of fact most of the properties covered by test requirements interlock to a considerable extent so that unless the test limits are very broad a change in one requirement affects a number of others. An apparently slight modification of one existing requirement may therefore throw the entire specification out of joint if the test limits are narrow. Theories or preferences unsupported by service or other data are often the basis of ill advised changes in existing specifications or the formulation of new and unusual requirements. Standardization of specifications with general acceptances of such standards does not prevent changes in requirements as they become advisable or necessary but does head off changes which might otherwise be made without sufficient supporting evidence. Standardization, therefore, means stabilization which is in the interest of both producer and consumer.

Absence of standardization frequently leads to a generally unwarranted and sometimes corrupt practice of drawing test limits so as to admit only a single trade product and eliminate other products equally as good and perhaps better adapted for the particular use to which the material is to be put. Such specifications in effect create a monopoly which almost inevitably leads to unjustifiably high cost to the ultimate consumer and may be used by the unscrupulous as a basis for offering or demanding graft. This is a danger which should be eliminated if possible.

Although other arguments might be advanced, it is believed that enough has been said regarding the advantages of standardization, if practicable, and it therefore remains only to consider the practicability of such standardization as applied to asphalts for use in highway engineering. To do this intelligently it is necessary to give some thought to the origin, method of refining and essential characteristics of asphalts as determined by tests and to take into account existing conditions in the asphalt industry which have a bearing upon the output of available products.

In the first place it is a recognized fact that all asphalt originates in petroleum, whether produced by natural agencies or at a petroleum refinery. In general, asphalt may be defined as a semisolid or solid sticky product formed by the partial evaporation or distillation of certain petroleums. These petroleums originally contained the asphalt dissolved in relatively light volatile oils. Natural evaporation of these lighter oils at or below the earth's surface has produced deposits of lake asphalt while their removal by distillation in a still at a refinery produces the so-called petroleum asphalts. There is no essential difference between lake asphalt and petroleum asphalt except that the former during its process of formation, has become mixed with varying amounts of vegetable particles, clay, silt, water and gas, while petroleum asphalt is practically free from such materials.

Lake asphalt must always be refined before it is suitable for paving purposes, first by heating and agitating it to remove the volatile impurities. It is then too hard for use and must be softened to suitable consistency by combining it with a petroleum residual oil known as flux. Petroleum asphalt on the other hand is recovered at any desired consistency by merely distilling off the proper amount of oils which hold it dissolved in the crude petroleum.

The principal sources of supply for paving asphalt are Mexican petroleum, California petroleum, and two lake deposits, one occurring on the Island of Trinidad and the other, commonly known as Bermudez asphalt, occurring in Venezuela. In addition a considerable amount of asphalt is refined from a mixture of Mexican and domestic petroleum. It is possible to identify asphalts from each of these sources by means of certain tests and it is therefore possible to prepare individual descriptive specifications for products from each source. Service results have however demonstrated that these purely descriptive tests or test limits are not necessary as a guarantee of quality under existing refinery practice and that a comparatively few test limits, which have nothing whatever to do with origin, are sufficient for all practical purposes. This fact has for some time past been recognized by the American Society for Municipal Improvements in its specifications for asphalt for sheet asphalt pavements, and has been adopted as a basis for the tentative specifications of the American Society for Testing Materials. Most of our cities which have had long experience in asphalt paving work have adopted a similar policy in connection with their asphalt specifications, although some cities and states, including New Jersey, have not as yet seen fit to do so.

General elimination of origin requirements or test limits in asphalt specifications constitutes a first long step in the matter of standardization as it paves the way for the adoption of essential tests only and makes it easier to agree upon the test limits which should be used. While it is impossible in the time allotted for this paper, to discuss in detail all of the tests and test limits found in asphalt specifications the possibilities and the progress already made in the matter of standardization may be illustrated by comparing present specifications for asphalt cement for sheet asphalt pavements of the American Society for Municipal Improvements, the American Society for Testing Materials and The Asphalt Association. A tabulation of the test requirements of the specifications is given below.

In this tabulation it will be noted that there are seven tests enumerated, six of which are common to all three specifications. In all three the limits of requirements 1, 2, and 4 are practically identical, and it is evident that the slight differences in test limits of requirements 5 and 6 might be readily harmonized. As a matter of fact, if a single composite specification were prepared from all of these requirements selecting the limits which were most restrictive it is believed that the result would be quite satisfactory for both producer and consumer. It is to be hoped that the various states, counties and cities throughout the country will get behind this effort to standardize and thus eliminate the unnecessary variations in many existing specifications.

One very important feature of the standardization of asphalt specifications has to do with the simplification or elimination of grades. For paving

*Presented at the New Jersey State Highway Convention, Trenton, N. J., February 16, 1923.

purposes asphalt cements are graded according to their consistency or degree of hardness as determined by the penetration test. Penetration limits are therefore an essential part of all asphalt specifications. Different grades of asphalt are required for the different types of asphalt pavements and for any given type the most suitable grade to use will depend to some extent upon climatic and traffic conditions to which the pavement will be subjected. This fact is recognized by both producer and consumer but the latter is frequently inclined to attach too much importance to the exact penetration limits which he should specify and often adopts limits which call for a special grade when some more commonly used grade would serve his purpose equally well.

In an article appearing on page 539 of the Sept. 8, 1922 number of Engineering News-Record the existing variation and multiplicity of asphalt specifications is discussed at some length with particular reference to penetration limits. The following is quoted from this article as of especial interest in this connection:

"Eliminating factors of lesser importance the keynote test for asphalt quality is that of penetration and in any effort to secure greater uniformity in specifications the first effort should be directed toward a reasonable standardization of penetration limits. Many states fix a range at 10 points for a given grade; some of them use an even scale, from 50 to 60, for example, while others adopt odd scales, as 55 to 65. In some recent cases an 8 point or a 9 point range is specified. In other cases very wide limits of penetration are specified, with the notation that within this range the exact penetration will be set by the engineer. Such a requirement places the producer at a great disadvantage as he does not know what limits will be set by the engineer."

As the result of practices above quoted existing specifications call for a great number of overlapping grades of asphalt, some of them with unnecessarily narrow and some with unnecessarily wide penetration limits. It is believed that this condition might well be remedied by the general adoption of six or seven clearly defined grades which do not overlap and which are sufficiently comprehensive and at the same time sufficiently restrictive to insure suitability for use in the various tyupes of asphalt pavements under different climatic and traffic conditions.

The article in the Engineering News-Record brought fourth written discussions by a number of leading highway engineers all of whom favored simplification in grades of asphalt and this matter is now being looked into by the Division of Simplified Practice of the U. S. Department of Commerce which has offered to co-operate in effecting such simplification. It is to be hoped that in the near future both the simplification of grades and the standardization of tests requirements for paving asphalts will be rapidly advanced in the interest of producer and consumer alike.

TEST	A. S. M. I.	A. S. T. M.	ASPHALT ASSN.
1. General	Homogeneous and free from water	Homogeneous and free from water	Homogeneous, free from water, not foam at 347° F.
2. Flash point, not less than	350° F.	347° F.	347° F.
3. Penetration at 77° F.....	25 to 45 (a) 45 to 70 (b)	40-50 50-60 60-70	30-40 40-50 50-60
4. Ductility at 77° F not less than.....	30 (c)	30	30
5. Loss at 325° F. 5 hrs. not less than	3%	3%	3%
6. Penetration of residue in per cent of original penetration, not less than	50%	60%	50%
7. Proportion of bitumen soluble in carbon tetrachloride, not less than.....		99%	99%

Notes (a) heavy traffic, (b) light traffic, (c) increased ductility of 2 required for every 5 points penetration above 50, and allowance of decrease of 2 made for every 5 points penetration below 50.

TO WIDEN SOUTHERN HIGHWAY

Announcement is made by R. M. Morton, California State Highway Engineer, of the decision of the state highway commission to widen a unit of the Holtville-Yuma highway, 10 miles in length from a point 10 miles from the end of the high line canal to a point at the west end of the plank road.

This portion of the road is now under construction by George Oswald & Company of Los Angeles. It is stated that the contract will be revised to permit the widening of the road from nine to fifteen feet. The original contract was let for $180,000 but under the new arrangement the cost will have been increased to approximately $270,000. The base of the road will be asphalt-macadam.

BARDE STEEL AND MACHINERY COMPANY IN LARGER QUARTERS

The Barde Steel & Machinery Co. has moved from 1202 Merchants National Bank Bldg., to 19 Minna street, San Francisco.

The move was made necessary owing to the growing business of the firm, which made it imperative to have larger quarters.

The company deals in steel and steel products on a large scale, as well as machine tools, woodworking machinery, and mill, mine and power plant equipment.

The main office of the firm is in Seattle, while in addition to the San Francisco branch it maintains agencies at Portland, Los Angeles, Vancouver, B. C., and Yokohama, Japan.

STATE HIGHWAYS NEED REBUILDING—MORTON DECLARES

Much of the existing highway system of California is in crying need of reconstruction, according to a statement issued by R. M. Morton, State Highway Engineer. Morton's statement is in explanation of a declaration made by Harvey M. Toy, chairman of the commission, to the effect that it will cost $18,272,703 to maintain and preserve the highway system during the fiscal year of 1923 and 1924.

Morton's statement, which was accompanied by a chart showing how the money should be expended, reads in part:

"Much of the existing state highway system is in crying need of reconstruction. Reconstruction and widening must be accomplished as soon as possible in order to preserve the investment already made in the paved highways." Considerable amounts are needed for the general maintenance of the highways now under the jurisdiction of the state.

"Acting upon instructions from the state highway engineer, the division of the state highway organization, in February, submitted estimates for maintenance and reconstruction requirements for a two-year period upon instructions to show the amount of funds necessary to properly take care of the highways. These estimates have been gone over very carefully and reduced as low as possible, taking into consideration the needs of the highways, and the economy program of the governor."

The estimate just prepared includes for the two-year period, approximately $2,873,000 for general maintenance, an average of about $350 per mile for the total mileage of roads taken over by the state. Requirements for specific maintenance and betterments of the highway system total $2,650,000.

The sum of $9,879,000 is needed for the two-year period for the most pressing reconstruction work. With this latter amount, it is expected that between 350 and 400 miles of paved highways can be rebuilt.

The revenue of the state highway commission for maintenance and reconstruction at the present time consists of the state's share of the motor vehicle license money, which in 1922 amounted to about $3,700,000. This fund is entirely inadequate for the reconstruction of existing pavements.

RUBBER BLOCK PAVEMENT

According to Indian Engineering, rubber blocks for roadways are now in process of manufacture in Colombo. They consist of three different hardnesses of rubber, but are manufactured in such a way that there is no joint of any description, the block being all in one piece. The top surface, sufficiently soft to be resilient, is reinforced beneath with hard junction rubber. From this hard junction rubber, 3 V-shaped pieces of vulcanite protrude. In using these blocks to make a road they are put into a box and concrete is poured on to them, and after it is hardened they can be laid on the concrete bed of the road. They are believed to be a great improvement on other rubber slabs that have been used for roadmaking in the past, as the vulcanized "V's" which grip the concrete are part of the slab itself, and not made of iron or other material let in. It has been found that these latter are liable to work loose when they have been in use for some time. The patent blocks being made in Colombo are cheaper, it is stated, than those that have been laid experimentally in London.

Building News Section

APARTMENTS

Plans Being Prepared.
APARTMENTS Cost, $2,000,000
SAN FRANCISCO. SE California and Mason Streets, running to Pine St.
Twelve-story Class A apartment house approximately 132 apts. divided into 3, 4 and 6-room apts. with 3-story garage and garden on Pine Street side.
Owner—John C. Shipp, President of the Sierra Securities, Inc., et al, 486 California St., San Francisco.
Architect—Benj. G. McDougall, 381 Bush St., San Francisco.
A tunnel will be built under California street to the Fairmont Hotel. It is planned to start construction this coming Fall.

Plans Being Revised—To Be Done By Day's Work.
APT. HOUSE Cost, $50,000
SAN FRANCISCO, Sacramento and Divisadero.
Three-story and basement frame and stucco apt. house (12 4-room apts.)
Owner—Wm. Mensor.
Architect—C. O. Clausen, Hearst Bldg. San Francisco.

Concrete Contract Awarded.
APARTMENTS Cost, $55,000
SAN FRANCISCO, NW 3rd Ave. and Cabrillo.
Three-story and basement frame and stucco, brick veneer apartments, steam heat sys. (15 2, 3 and 4-room apartments).
Owner—Victor Bjors, 2268 Bryant St., San Francisco.
Architect—Wm. F. Gunnison, 57 Post St., San Francisco.
Concrete work awarded to A. Consani 139 Wood St.

Plans Completed.
APARTMENTS Cost, $10,000
OAKLAND, Alameda Co., Cal. S Alcatraz Ave. 240 W Hillegass.
Two-story frame (12) apartments.
Owner — E. D. Bramlage, 1524 Capistrano Ave., Berkeley.
Architect—W. A. Doctor, 417 15th St., Oakland.

Contract Awarded.
ALTERATIONS Cost, $17,000
SAN FRANCISCO. NW Bush St. and Van Ness Avenue.
Alter apartment house (There are 2 8-room apts. on each floor, these will be divided into 4 4-room apts.)
Owner—Iverness Apartments.
Architect—Wm. F. Gunnison, 57 Post St., San Francisco.
Contractor—R. W. Moller, Call Bldg., San Francisco.

Contract Awarded.
APT. HOUSE Cost, $74,500
SAN FRANCISCO, N Sutter E Divisadero.
Two-story frame and stucco apt. house.
Owner—Withheld.
Architect—A. H. Knoll, Hearst Bldg., San Francisco.
Contractor—Meyer Bros, 5326 Geary St., San Francisco.

Sub-Figures Being Taken.
APARTMENTS Cost, $60,000
SAN FRANCISCO, S O'Farrell 109 E Van Ness Ave.
Four-story and basement class C concrete apt. bldg. (23 apts.)
Owner—L. B. Ham, 105 Montgomery St., San Francisco.

Plans Complete.
APARTMENTS Cost, $20,000
OAKLAND, NE Park Blvd. & Brighton.
Three-story frame 27-room apartments
Owner—Geo. P. Guyot, 3839 Park Blvd., Oakland.
Architect — F. Soderberg, 276 Perkins St., Oakland.

Contract Awarded.
APARTMENTS Cost, $20,000
OAKLAND, NE 12th St. 80 W 1st Ave.
Two-story 20-room frame apartments.
Owner—A. W. Meyer, 1534 Franklin St., Oakland.
Contractor — California Builders Co., 1534 Franklin Sts., Oakland.

Contract Awardsd.
STORE & APTS. Cost, $19,240
SAN FRANCISCO, N Sutter 104 W Webster.
Three-story and basement frams store and apt. building.
Owner—Ghedelovitz.
Architect—J. C. Hladik, 381 Bush St., San Francisco.
Contractor—O. E. Carlson, 180 Jessie St., San Francisco.

Contract Awarded.
APARTMENTS Cost, $27,885
SAN FRANCISCO, NE 18th and Noe Sts.
Three-story frame stone and apt. bldg., 8 apartments.
Owner—Jas. M. Curtin, 821 Douglas St., San Francisco.
Architect—E. M. Essmann.
Contractor—Jas. McCarthy, 430 Eureka St., San Francisco.

Plans Completed.
APARTMENTS Cost, $45,000
SAN FRANCISCO, E Jones 100 S Sutter.
Six-story and basement reinforced concrete (32) apartments.
Owner—A. J. Ferroggaira, 584 Vallejo St., San Francisco.
Architect—Woodworth Wethered, 755 Mission St.

To Be Done By Day's Work.
APARTMENTS Cost, $22,000
SAN FRANCISCO, N Vallejo 117-6 W Steiner.
Three-story and basement frame (6) apartments.
Owner — Cameron & Disston, Hearst Bldg., San Francisco.
Architect—E. E. Young, 2002 California St., San Francisco.

Contract Awarded.
APARTMENTS Cost, $12,000
OAKLAND, W Terrace St. 250 N Ridgeway.
Two-story 12-room frame apartments.
Owner—Capt. H. Marshall, 4230 Terrace St., Oakland.
Contractor—M. P. Brasch, American Bank Bldg., Oakland.

Contract Awarded.
APARTMENTS Cost, $20,500
SAN FRANCISCO, E Powell 77-6 N Jackson.
Three-story and basement reinforced concrete (5) apartments.
Owner—E. Ferrero.
Architect—A. J. Fabre and H. Hildebrand, 110 Sutter St., San Francisco
Contractor—John Morton, Balboa Bldg., San Francisco.

Contracts Awarded.
APT. BLDGS. Cost, $12,000 ea.
SAN FRANCISCO, W 22nd Ave. 175 N Anza, W 20th Ave. 175 N Clement & E 19th Ave. 150-175-200 S Chenery.
Four 2-story and basement frame apt. bldgs. (4 apts each).
Owner—Carl Lutz, 208 Chenery St. Cornelia Morse & Max Taylor.
Contractor—Klaus Adler, 493 22nd Ave., San Francisco.

YUBA CITY, Sutter Co., Cal.—Lawrence Schillig, Yuba City attorney, will erect a two-story and apartment building at Second and B Sts. Ground floor will contain three stores.

LOS ANGELES, Cal. — Nance Construction Co., 1507 N Western Ave., was low bidder at $96,950 for erecting a 2-story brick store and apt. bldg. on Western Ave., near 5th St., for H. E. Carpenter. Carleton M. Winslow, 1134 Van Nuys Bldg. archt. Other bids were: Bowen & Nichols, $87,500; and Wm. A. Larkins, $88,411. The bldg. will be 140 by 106 ft., brick walls, steel columns.

LOS ANGELES, Cal.—Archt. L. L. Jones, 603 Grosse Bldg., has completed plans and is taking bids for the erection of a 4-story class C store and apt. bldg., at 5th and Western Ave., for Dr. W. G. Terry, 457 S Western Ave.; will contain 6 stores, and 75 single apts., with large lobby. Brick, 4-sto. and basement, 60x140 ft., press. brick and art stone facing.

LOS ANGELES, Los Angeles Co., Cal.—L. T. Mayo, 531 Black Bldg., has the contract to erect a 64-room, 29-apartment building on Ingraham St., betw. Lucas and Witmer Sts., for J. E. Hartell. It will be three-story, 43x120 ft., frame and plaster constr., comp. and tile roofing, pine trim, wall beds, tiled baths, gas rads., water heaters; $75,000. E. B. Rust, 523 Black Bldg., Architect.

LONG BEACH, L. A. Co., Cal.—Val Lester, 254-425 E Bdwy., Long Beach, fiscal agent for Hilliard Bros., has announced the erection of a $250,000, 6-story brick and steel own-your-own apt. bldg., "California Homes" on north side West St., bet. Cedar and Chestnut Aves., Long Beach, for the Hilliard Bros. Found., 50x150 ft., 50 apts., high speed elevator, steam heat, dumb waiters, solarium, amusement room, tile baths and kitchens, disap. beds. Constr. under direction of S. E. and C. H. Hilliard.

LONG BEACH, L. A. Co., Cal.—Architects Hugh R. Davies and E. J. Baume, 514 Marine Bank Bldg., Long Beach, have prepared preliminary drawings for a $1,500,000 class A own-your-own apt. bldg. to be erected at 18th Place and E Ocean Blvd., Long Beach, for E. J. Del Porte and T. J. Sten. Site, 110x270 ft., 12-story on bldv. and 16-story on ocean front, basement garages. It will be known as the Phalassa.

BONDS

STOCKTON, San Joaquin Co., Cal.—Election will be held April 9 in Lockford School District to bond for $24,000; proceeds of sale to finance school improvements. Trustees are: S. S. Strobridge, J. E. Thorp and E. A. Tramontini.

ANTIOCH, Contra Costa Co., Cal.—Election will be held April 10 in Live Oak Union School District to vote bonds of $34,000 to finance school improvements. Trustees are: A. W. Bigelow, Joseph Freitas, H. McN. Beede, Paula Donlon & L. W. Meraffey.

SACRAMENTO, Cal.—City Commission votes to call election to bond for $750,000 to finance construction of municipal auditorium. H. G. Denton is City Clerk.

SACRAMENTO, Cal.—City Commissioners vote to call election to bond for $130,000 a portion of which is to finance purchase of sites and erection of two fire stations. H. G. Denton is City Clerk.

SACRAMENTO, Cal.—City Commissioners vote to call election to bond for $76,000 to purchase Riverside baths and improve same. H. G. Denton, City Clerk.

RENO, Nevada—Election will be held March 26 in Reno School District No. 10, Washoe County, to vote bonds of $30,000 to finance completion of gymnasium for new high school now under construction. Geo. A. Ferris and Son, architects, Reno.

SAN JOSE, Santa Clara Co., Cal.—$45,000 bond issue of Gilroy High School District sold by supervisors for premium of $1267; proceeds of sale to finance school improvements.

LODI, San Joaquin Co., Cal.—Election will be held April 6 in Houston School District to vote bonds of $60,000 to finance school improvements. Trustees are: G. J. Oliver, J. C. Doherty and R. H. DeVinny.

LOS ANGELES, Cal. — The $500,000 grammar dist. bonds carried 1025 to 486 at a recent special election. The funds will cover the following budget: Acacia school, $49,500; Broadway $32,650; Central, $33,850; Cerritos, $24,-100; Magnolia, $32,550; Colorado, $3825; Columbus, $50,150; Doran $38,950; Glendale Ave. Intermediate, $107,850; Grand View, $24,450; Pacific, $65,300.

SAN JOSE, Santa Clara Co., Cal.—Until April 2 bids will be rec. by supervisors for purchase of $72,000 bond issue of Mayfield School District; proceeds of sale to finance school improvements.

REDWOOD CITY, San Mateo Co., Cal.—Bonds of $56,000 voted to finance purchase of high school property in Broadway to be used for grammar school purposes.

SEBASTOPOL, Sonoma Co., Cal.—Election will be held March 30 in Pleasant Hill School District to vote bonds of $10,000 to finance construction of 2-room addition to present school. Trustees are: C. W. Blackney, D. K. Bollinger and Theo. Nisson.

SANTA ROSA, Sonoma Co., Cal.—Supervisors sell $375,000 bond issue of Santa Rosa High School District for premium of $24,187.50. W. H. Weeks, 369 Pine St., San Francisco, is the architect.

DURHAM, Butte Co., Cal.—Petitions are being circulated seeking second election to decide question of issuing bonds to finance construction of new high school. Recent election failed to carry by slight majority.

LEMOORE, Kings Co., Cal.—Election will be held April 17 to vote bonds of $325,000 to finance construction of high school for Lemoore Union High School District. Two previous elections failed to carry.

HANFORD, Kings Co., Cal.—Election will be held April 10 in Stratford Union Elementary School District to vote bonds of $50,000 tofinance school improvements. Trustees are: Conrad P. Orton, Mrs. Fred Newton, E. B. Hoey, Anne M. Nance and J. V. McKim.

SAN JOSE, Santa Clara Co., Cal.—Trustees of Burbank School District vote to call election to decide question of issuing bonds of $11,000 to finance construction of four-room addition to present school, preliminary plans for which are being prepared by Architects Binder & Curtis, 255½ S-First St., San Jose.

PASO ROBLES, San Luis Obispo Co.,—Election held in Paso Robles School Dist. to vote bonds of $265,000 to finance construction of $265,000 union high and junior high school failed to carry. The old structure has been condemned as unfit for use. This is the second election that failed to carry.

VISALIA, Tulare Co., Cal.—Supervisors sell $40,000 bond issue of Windsor School District for premium of $1922; proceeds to finance school improvements.

HANFORD, Kings Co., Cal.—Election will be held April 17 in San Jose Elementary School District to vote bonds of $17,000 to finance school improvements. Trustees are: B. G. Page, L. K. Beebe and Roy R. Kendall.

EASTON, Fresno Co., Cal.—Trustees of Washington Union High School District will call election to vote bonds of $155,000 to finance construction of new high school, replacing structure recently destroyed by fire. An architect is yet to be selected.

LOS ANGELES, Cal.—City council has called election for June 5 to vote bonds to finance purchase of site and erection of new city hall. Total of $7,-500,000 will be voted of which $2,500,-000 will purchase site for structure.

SEATTLE, Wash.—Thos. R. Cole, city supt. of schools, has prepared preliminary estimates for school improvements, for which election will be held May 8 to vote bonds of $860,000 to finance. Recommendations follow: John Muir, 9 rooms; estimated cost, $130,000; Dunlap, 8 rooms, $120,000; Portage, 8 rms., $120,000; Bryant, 12 rms., $150,-000; West Seattle, 12 rms., $190,000; Junior High, Interlake, for 300 capacity $150,000.

HUGHSON, Stanislaus Co., Cal. — Hughson Grammar School District will vote bonds March 30, 1923 to finance construction of new $75,000 school.

CHURCHES

Preliminary Sketches Prepared.
CHURCH Cost, $50,000
BERKELEY, Alameda Co., Cal.—Cedar and Spruce Streets.
Frame and stucco church.
Owner—All Soul's Episcopal Church.
Architect—Wm. H. Ratcliff Jr., First National Bank Bldg., Berkeley.
Only preliminary plans have been prepared on which to raise funds for the construction of the building.

Plans Being Figured—Bids Close April 2, 1923.
LODGE BLDG. Cost, $12,000
BRENTWOOD, Contra Costa Co., Cal.
Two-story hollow tile lodge building.
Owner—Brentwood Masonic Hall Assn.
Architect—Jas. T. Narbett, 910 Macdonald Ave., Richmond.

SACRAMENTO, Cal. — Directors of First Congregational Church order plans prepared for $60,000 edifice to be erected on site recently purchased at 29th and J Sts.

HERMOSA BEACH, L. A. Co., Cal.—Archt. Norman F. Marsh, 211 Broadway Central Bldg., L. A., has been commissioned to prepare plans for the Baptist Church. It will be 2-sto. and basement, 100x100 ft., auditorium to seat 1000 people; frame and plas. construction. Cost, $60,000.

PASADENA, Los Angeles Co., Cal.—Architects Johnson, Kaufmann & Coate, 608 Union Bank Bldg., have completed plans and are taking bids for the erection of a new church building at Pasadena for All Saints Episcopal Church. It will contain an auditorium to seat 1000 people; masonry constr., 70x150 ft., brick walls, stone exterior facing, slatt roofing, stone interior trom, art glass, hot air heating; $200,-000.

FACTORIES & WAREHOUSES

Plans Being Prepared.
WAREHOUSE Cost, $150,000
OAKLAND, Alameda Co., Cal. NE Adeline and Twenty-second Sts.
Three-story reinforced concrete or brick warehouse (160x240).
Owner—John Breuner Co.
Architect—Reed & Corlett, Oakland Bk. of Savings Bldg., Oakland.

Contract Awarded.
ALTERATIONS Cost, $——
SAN FRANCISCO. Stockton St. S of Sutter St.
Alter four-story fireproof building.
Owner—De Golia.
Architect—O'Brien Bros., 318 Montgomery St., San Francisco.
Contractor — Fred Moller, 180 Jessie St., San Francisco.

Contract Awarded.
FACTORY Cost, $10,000
SAN FRANCISCO, N Bryant 115 E 4th.
One-story reinforced concrete factory.
Owner—Schloss Mfg. Co., 42 Beale St., San Francisco.
Architect—August Headman, Call Bldg. San Francisco.
Contractor—Fred Moller, 180 Jessie St., San Francisco.

Plans Being Prepared.
WAREHOUSE Cost, $70,000
OAKLAND, Alameda Co., Cal., NW Broadway and 19th St.
Two-story and basement reinforced concrete warehouse 30x90.
Owner—withheld.
Architect—Wm. Knowles, Hearst Bldg. San Francisco, and Central Bank Bldg., Oakland.

Contract Awarded.
OFFICE BLDG. Cost, $18,000
OAKLAND, Alameda Co., Cal., NW Market and 22nd sts.
Two 1-story brick storage sheds and 1-story brick display room and office bldg.
Owner—Gladding-McBean Co., 22nd & Grove Sts., Oakland.
Contractor — Dinwiddie Constr. Co., Crocker Bldg., San Francisco.

Plans Being Figured
WAREHOUSE Cost, $15,000
SAN JOSE, Santa Clara Co., Cal., Market Street.
One-story reinforced concrete warehouse 79x96½
Owner—The Keystone Co., 257 North Market St., San Jose.
Architect—Binder & Curtis, 255½ S 1st St., San Jose.

Contract Awarded.
ADDITION
SAN FRANCISCO. S Federal 325 W First St.
Three-story and basement reinforced concrete addition, 87-6x80 for warehouse.
Owner—Rincon Warehouse Co., 268 Lee St., Oakland.
Engineer—W. H. Ellison, 369 Pine St., San Francisco.
Contractor—Vukicevich & Bagge, 180 Jessie St., San Francisco.

Plans Completed.
MACHINE SHOP Cost, $20,000
SAN FRANCISCO, N Folsom 343-9 W 4th
One & 2-story class C machine shop building.
Owner—Daniel O'Neil, 273 Minna St., San Francisco.
Architect—J. E. Krafft & Sons, Phelan Bldg., San Francisco.

Plans Complete
STORAGE BLDG. Cost, $325,000
SAN FRANCISCO, Geary St. & Masonic Ave.
Seven-story class A storage bldg.
Owner—Bekins Fireproof Storage Co.
Architect — Edw. T. Flatherty, I. W. Hellman Bldg., Los Angeles.
Reinf. conc. constr., 2 units, 60x100 ft. each, terra cotta and brick walls, 2 elevators etc.; $325,000.

Plans Completed.
BUILDING Cost, $11,000
SAN FRANCISCO, S Natoma St., 175 W Third.
One-story and basement class C commercial building.
Owner—B. Alfred Houkins, 718 Hearst Bldg., San Francisco.
Architect—P. J. Herold, 718 Hearst Bldg., San Francisco.

LOS ANGELES, Cal.—L. A. Gas & Electric Corp., 645 S Hill St., will erect a 1-story storage bldg. at s.e. cor. 48th St. and Staunton Ave. for itself. Dimensions, 313x90 ft., steel frame construction, corru. iron exter. and rfg., cem. fls.; $60,000.

LOS ANGELES, Cal.—Hamm & Grant, Inc., Industrial engrs., Ferguson Bldg., L. A., have been commissioned to prepare plans and will erect a worsted and woolen mill on Central Ave., near Ballona Ave., for Pioneer-Pacific Worsted Co., Lemuel J. Coburn, president. The first unit will cover an area of 125,000 sq. ft. and will be 1-story, steel frame constr., brick and hollow tile walls, steel sash, wire glass. Cost, $250,000.

LOS ANGELES, Cal.—Macdonald & Kahn, Loew's State Bldg., have a cont. to erect a $100,000 4-story, class A. conc. loft bldg. at n.w. Santa Monica Blvd. and Lodi Pl., for the Cinema Properties Co. Adolph Fleishman, pres. Site, 135x125 ft. Found. will provide for additional stories.

LOS ANGELES, Cal.—Wm. Gibbs McAdoo, former secretary of the Treasury, announces he is associated with a group of Los Angeles capitalists who are completing negotiations for the purchase of a 400-acre tract on which they will erect $3,000,000 cotton products plant, the first unit to cost $1,000,000. Will be operated under the name of Los Angeles Cotton Mills Co.

FULLERTON, Cal.—Placentia Orange Growers Assn., 400 East Commonwealth Ave., Fullerton, will have plans and spec. ready for prospective bidders Mar 19, for the gen. cont. for a 6-car precooling and 1200 ton ice storage plant to be erected in Placentia. Plans and spec. are being prepared by Gay Engineering Corp., 2650 Santa Fe Ave., Los Angeles. The bldg. will be part one and two sto., 124x143 ft., with basement; reinf. conc. and steel constr. Separate bids will be taken later on the mechanical equipment. Gay Engineering Corp. is also preparing plans for similar type bldg. to be erected in Fullerton for the same owner. The total cost of the 2 structures will amount to approx. $150,000. Copies of the plans and spec. for the bldg. at Placentia only will be available at the company's office in Fullerton after Mar. 19. Abe Pritchard, sec. and gen. manager.

NAPA, Napa Co., Cal.—Olive Growers' Ass'n., will construct packing plant in Napa County, if growers in that section will guarantee planting of 200 acres. Farm Bureau is co-operating with company in an effort to secure pack to locat plant.

WOODLAND, Yolo Co., Cal.—H. G. Ritchie and M. Rhodes, Woodland, have contract to erect $10,000 addition to warehouse of Winters Dried Fruit Company of which R. L. Niemann is manager. New grader will be installed.

MARTINEZ, Contra Costa Co., Cal.—See "Bridges," this issue. Delta Bridge Corp.

MADERA, Madera Co., Cal.—E. Gendron, Madera, at $2090 awarded cont. by supervisors to construct county storehouse, 1-story concrete, 60 by 24 ft. in Hughes Addition.

LOS ANGELES, Cal.—Archt. Albert C. Martin, 430 Higgins Bldg., L. A., has completed plans for a 4-story class C furniture warehouse to be erected on Santa Fe Ave. near 8th St., for J. M. Overell Co. Brick walls, 80x150 ft., comp. rfg., metal skylights, press. brick facing.

LOS ANGELES, Cal.—Archts. Swasey & McAfee, Hibernian Bldg., are preparing plans for a 4-story class C warehouse to be erected at n. w. corner of Santa Monica Blvd. and Lodi St. for Adolph Fleishman. Macdonald & Kahn, Loew State Bldg., are the contractors. The bldg. will be 50x120 ft., brick walls, plas. exter., comp. rfg., steel sash, metal skylights, maple and pine fls., elevators.

AUSTIN, Texas.—Engineers are making surveys in Stephena county for proposed $300,000 plant for production of carbon black from residue natural gas of casing-head gasoline plants in this vicinity. The project is backed by J. W. Hassell, former Chief of the Gas and Oil Division of the State Railroad Commission.

FLATS

Contract Awarded.
FRAME FLATS Cost, $8,000 each
SAN FRANCISCO.—E Octavia 75 to 200 N Chestnut St.
Six two-story and basement frame flat buildings (2 flats each).
Owner — Sharbaro-Detjen & Noonan, 3401 Washington St., S. F.
Architect & Contractor—A. M. Hardy, 518 24th Ave., San Francisco.

Contract Awarded.
FLATS Cost, $12,500
SACRAMENTO, 1614 24th St.
Two-story flat building.
Owner—E. C. Mahoney, 1609 26th St., Sacramento.
Contractor—R. M. Smith, 2635 3rd St., Sacramento.

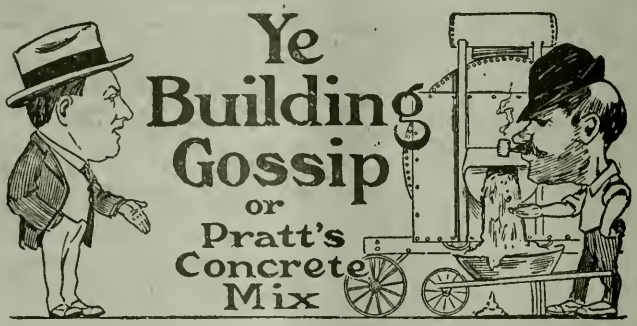
Owner Taking Sub-Figures.
FLATS Cost, $70,000
SAN FRANCISCO, S Francisco 109 & 146 W Van Ness Ave.
Two 2-story and basement frame flat bldgs. (8 4 & 5-room flats each).
Owner—R & Jeanette Liebman, 407 11th Ave., San Francisco.
Architect—R. R. Irvine, 507 New Call Bldg., San Francisco.

To Be Done By Day's Work.
FLATS $10,000 & $6000
SAN FRANCISCO, SE 29th Ave. & Clement St. and S Clement 25 E 29th Ave.
Two-story & basement frame (4) flats and 2-story and basement frame (2) flats.
Owner—Thos. Hamill, 6140 Geary St., San Francisco.

Plans Being Figured.
ADDITION Cost, $8000
SAN FRANCISCO, Irving St., bet. 10th and 11th Streets.
Raise 1-story frame dwelling and add store; remodel 2nd floor for 5-room flat.
Owner—Withbeld.
Architect—A. H. Knoll, Hearst Bldg., San Francisco.

Contract Awarded.
FRAME FLATS Cost, $12,000
SACRAMENTO, Cal. No. 2827 J St.
Two-story frame and plaster (4) four-room flats.
Owner—Mrs. O'Hara, 2819 J St., Sacramento.
Architect—None.
Contractor—Robt. Powell Co., 1309 6th St., Sacramento.

Contract Awarded.
FLATS Cost, $13,000
OAKLAND, Alameda Co., Cal., W Claremont Ave, 295 S College Ave.
Two-story 16-room frame flats.
Owner—Geo. W. Williams, 5765 Claremont Ave., Oakland.
Contractor—J. W. Swift, 5460 Shafter Ave., Oakland.



A wooden cross 75 feet high will be erected on Mt. Davidson for the Easter sunrise services. The cross is now being erected by Fernando Nelson, contractor and builder of West of Twin Peaks, and will be illuminated every night during Holy Week by spotlights which will play on it.

A large number of Boy Scouts and members of the American Crusaders will act as guides on the trail on Easter morning and will sing "Onward, Christian Soldiers." Signs are to be placed so that motorists will have no difficulty in finding the trails.

The Pacific Gas & Electric Co. will run cables up to the summit, and a special platform is being built for the musicians and those participating in the service. There will be 150 voices in the choir.

The Committee on Arrangements are: James G. Decatur, Chairman; Clarence F. Pratt, Treasurer, and John A. Dignan, Secretary.

THE ABOVE is an event.

THAT EVERY resident.

OF SAN Francisco.

SHOULD BOOST.

REGARDLESS OF his religious affiliations.

DOWN SOUTH.

THEY TRAVEL hundreds of miles.

TO SUCH a service.

AND THIS is going.

TO BE a wonderful thing.

FOR THE people of our city.

AS WELL aa our visitors.

MT. DAVIDSON was selected.

FOR THESE sunrise services.

FOR TWO reasons.

FIRST, IT is the highest point.

IN SAN Francisco.

AND SECOND.

BECAUSE CLARENCE Sand Pratt.

"MAYOR" OF beautiful Westwood Park.

LIVES ON the south slope.

OF MT. Davidson.

IT IS said.

BY SOME (Sandy Pratt).

THAT APRIL the first.

WAS SELECTED.

FOR THE date.

OF THESE services.

BECAUSE SANDY Pratt started.

THE PRATT Building Material Co.

DOUGLAS 300—"easy to remember."

ON APRIL 1st, 1913.

OR TEN years ago.

SANDY HAD the "sand" then.

AND A few "rocks."

NOW SANDY and his company.

OWN THREE (sand) banks.

ONE AT Pratteo, Monterey County.

ALSO AT Sacramento and Marysville.

"I THANK you."

One of the pretty bungalows in beautiful Westwood Park, where Sandy Pratt is "mayor."

March 22, 1923

Permit Applied For.
FRAME FLATS Cost, $12,000
SAN FRANCISCO, E Eighth Ave. 287 N Clement St.
Two-story and basement frame (4) flats.
Owner—David Danehy.
Architect—C. O. Clausen, Hearst Bldg., San Francisco.

To Be Done By Day's Work.
FLAT BLDG. Cost, $20,000
SAN FRANCISCO, W Railroad Ave. 53 N Revere.
Two-story frame atore and flat bldg. (2 stores).
Owner—Esposto Bros., 4432 3rd St., San Francisco.

Contract Awarded.
FLATS Cost, $12,500
SAN FRANCISCO, E 12th Ave. 175 S Cabrillo.
Two-story & basement frame (2) flats.
Owner—Lily J. Cory.
Contractor—John Little & Son, 1035 Lincoln Way, San Francisco.

Plans Completed.
FLATS Cost, $15,000
SAN FRANCISCO, NE Fulton St. & 24th Avenue.
Two-story & basement frame (2) flats.
Owner—Fred Ohe, 583 19th Ave., San Francisco.
Architect—W. L. Schmolle, 40 Montgomery St., San Francisco.

GARAGES

LOS ANGELES, Cal.—Macdonald & Kahn, Loew State Bldg., have the contract to erect a 3-story class A garage bldg. at 4th and Olive Sts. for Stearn & Harris. It will be leased to the Black & White Taxi Co. Dimensions, 124x105 ft.; reinf. conc. constr., plas. exter., steel sash, fire doors, htg. Curlett & Beelman, 408 Union Bank Bldg., L. A., architects.

SAN JOSE, Santa Clara Co., Cal.—Morrison Bros., Santa Clara, awarded contract by supervisora to construct garage and shed for county in town of Santa Clara, (a) shed, $1452; (b) garage, $1395. Other biddera: Jorgensen and Cook, (a) $1651, (b) $1500; E. Zimmerli, (a) $1657, (b) $1486; Megna and Newell, (a) $2146, (b) $1455; W. T. Wightman, (a) $1590, (b) $1520; R. O. Summers, (a) $1552, (b) $1455; G. O. Kemp, (a) $1552, (b) $1400.

GOVERNMENT WORK AND SUPPLIES

Plans Being Figured—Bids Close Mar. 30, 1923, 2 p. m.
GATEWAY Cost—
PALO ALTO, Santa Clara Co., Cal., U. S. Veterans' Hospital No. 24.
New gateway.
Owner—U. S. Government.
Bids will be opened by E. W. Roberts, superintendent of construction, U. S. Veterans Hospital No. 24 at Palo Alto from whom plans and specifications may be obtained.

WASHINGTON, D. C.—Until April 3, 10:30 a. m., bids will be rec. by Panama Canal Commission, under Circular No. 2317, for fur. and del. Balboa, Pacific Port: Steel springs, files, switches, radio condensers, cable end bells, porcelain knobs, fire clay bricks, brass melting crucibles, paints, Japan, putty, and illuminating oil. Spec. obtainable from Assnt. Purchasing Agt. of Commission, Fort Mason, San Francisco.

WASHINGTON, D. C. — Following bids rec. by Bureau of Yards and Docks, Navy Department, under Spec. 4744, to const. extension to torpedo storage building, at Keyport, Wash.:
W. T. Butler, 527 Central Bldg., Seattle, Wash., $42,000, 120 days.
C. F. Martin, Seaboard Bldg., Seattle, Wash., $41,752.13, 119 days.
Miller Bros., 221 Burwell Ave., Bremerton, Wash., $43,722, 120 days.
W. B. Erskine, 4521 Corliss Ave., Seattle, Wash., $41,100 100 days.
Charles H. Schaar, 721 21st Ave., Seattle, Wash., $37,966, 120 days.

SAN FRANCISCO—Following bids rec. by Sup't. of Lighthouses, for fur. and del. mixed paints. (All bidders San Francisco): W. P. Fuller & Co., $2805; Bass-Hueter Paint Co., $1,779.25 and $1,512.75, accepted; Sherwin-Williams Co., $2394; Glidden Co., $2,267.50.
Following bids rec. for fur. red lead, white lead and zinc, (all bidders San Francisco): W. P. Fuller & Co., $1,-197.90; Bass-Hueter Paint Co., $1,167, accepted; National Lead Co., $892.50, white and red lead only; Acme White Lead & Color Works, $902, lead only; Sherwin-Williams Co. $1,277.50, less 1%.

WASHINGTON, D. C.—E. J. Lord, 309 McCandless Bldg., Honolulu, T. H., at (item 1) $28,384, time 180 days, awarded contract by Bureau of Yards and Docks, for piping plant and equipment at Pearl Harbor, T. H. Bid B, water mains and accessories awarded to Hawaiian Dredging Co., Honolulu, T. H. at (item 3) $139,661, time 180 days.

WASHINGTON, D. C.—Following blds rec. by Bureau of Yards and Docks, under Spec. 4770, to const. paint and oil storehouse at destroyer base, San Diego:
Gutleben Bros., Hotel Clarke, Los Angeles, Calif., item 1, $24,000, 90 days; 2, $480; 3, $400.
Great Western Building Co., 456 Spreckles Bldg., San Diego., Calif., item 1, $39,777, 90 days; 2, $660, 3, $460.
W. E. Kier Construction Co., 513 1st National Bank Bldg., San Diego, Calif., item 1, $25,867, 120 days; 2, $592; 3, $390
Frank Doran, 345 Spreckles Bldg., San Diego, Calif., item 1, $29,000; 2, deduct $571; 3, deduct $390.
G. E. Engineering Co., 449 W 42nd St. New York City, item , $34,400, 120 days; 2, $600; 3, $450.
O'Neil & Eddleman, 401 Bancroft Bldg., San Diego, Calif., item 1, $31,-900; 2, $592; 3 ,$420.
DeWaard & Cobham, 207 Granger Bldg., San Diego, Calif., item 1, $25,700; 90 days; 2, $500; 3, $450.
Union Construction Co., Oakland, Cal. item 1, $24,950, 90 days; 2, $390; 3, $400.

WASHINGTON, D. C.—S. Heller Elevator Co., 250 Milwaukee St., Milwaukee, Wis., at $10,676, time 150 days, submits low bid to Bureau of Yards and Docks, Navy Dept., under Spec. 4784, to fur. and install elevators at Naval Hospital, San Diego. Other bids: Otis Elevator Co., 810 18th St. N. W., Washington, $11,570, 150 days. Kimball Bros. Council Bluffs, Iowa, $10,781.16.

WASHINGTON, D. C.—Healy-Tibbetts Constr. Co., 64 Pine St., San Francisco, awarded contract by Bureau of Yards and Docks, Navy Department, under Spec. 4775, for riprapping dyke at Mare Island Navy Yard, bid $1,8375 per ton, time 240 days.

WASHINGTON, D. C.—Supervising Architect, Treasury Department, rejects bids to construct gateway, etc., at Palo Alto, Calif., Veterans' Hospital. Bids considered excessive.

WASHINGTON, D. C.—Bureau of Yards and Docks, Navy Department, preparing Specification No. 4815, for refrigerating equipment to be installed at Pearl Harbor, T. H.

JOOST BROTHERS
Builders' Hardware
Tools, Etc.
(Members Builders' Exchange)
1053 MARKET ST.
Phone Market 891 San Francisco

WASHINGTON, D. C.—Anderson & McShee, E-4th St., Winnemucca, Nevada, at $2,383, time 60 days, awarded contract by Supervising Architect, Treasury Department, to construct new mailing vestibule in Winnemucca, Nevada, Post Office.

WASHINGTON, D. C.—Following bids rec. by Bureau of Yards and Docks, Navy Department, under Spec. 4755, for fur. electric traveling cranes to Puget Sound Navy Yard, (State of Washington):
Manning, Maxwell & Moore, New York City, item 2, $11,587, 120 days.
Niles-Bement-Pond Co., New York City, item 2, $13,140, 150 days.
Chesapeake Iron Works, Baltimore, item 1, $10,000; 2, $14,260.
Pawling & Harnischfeger, Milwaukee, Wis., item 2, $12,500, 50 days.
Westinghouse Electric & Mfg. Co., Washington, item 1, $5,595; 2, $6,580, motors only; 19 weeks.

SAN DIEGO, Cal.—Bids will be asked shortly by Public Works Department, San Diego Naval Base, for exterior lighting, under Specification 4817.

WASHINGTON, D. C.—Bureau of Yards and Docks, Navy Department, preparing Specification No. 4799 for piers and wharf at Pearl Harbor, T. H.

DENVER, Colo.—Blds to overhaul refrigerating equipment for Fitzsimons (U. S.) General Hospital , rejected. Work will be carried on by Constructing Quartermaster at that post, who will hire labor and purchase materials.

WASHINGTON, D. C.—E. Zimmerli, 151 Cowper St., Palo Alto, at $4,650 submits only bid to Supervising Architect, Treasury Department, for fur. laundry equipment for Veterans' Hospital, Palo Alto, Calif.

WASHINGTON, D. C.—Bids are being rec. by Bureau of Supplies and Accounts, Navy Department, for fur. and del. materials to Navy Yards; date for opening bids as noted at end of each paragraph:
Schedule 605, for Puget Sound, 7 water closets, 13 lavatories, 6 urinals, 2 bath tubs, 2 sinks, 3 slop sinks, 13 shower and floor drains, 2 drinking fountains, 1 do. 2 towel racks, soap dishes and cups, bathroom fixtures, 11 mirrors, 8 glass shelves, 3 fire-hose racks, 5 couplings, 7 water-closet inclosures, and 4 shower baths, April 3.
Schedule 608, Mare Island, 2,000 lbs. steel wool, April 10.
Schedule 609, Mare Island, 26,000 sq. ft. wire cloth, April 10.
Schedule 610, Mare Island, 40 reams emery cloth and 70 reams sandpaper, April 10.
Schedule 611, Mare Island, 1,750 paint cans, April 10.
Schedule 613, Mare Island, 300 fire extinguishers, April 10.
Schedule 614, Mare Island, 6,000 flanged heel globes, April 10.
Schedule 615, Mare Island, 600 barrel bolts, 388 cupboard catches, 2,000 ft. chain, 150 chest handles, 50 bronze butt hinges, April 10.
Schedule 616, eastern and western yards, 7,500 lbs mixed nuts, April 3.
Schedule 623, Mare Island, 500 sq. yds. heavy linoleum, April 10.
Schedule 624, Iona Island, N. Y., 6,000 fuse covers, April 3.
Schedule 625, Boston, 7 steam flow meters, April 3.
Schedule 626, Mare Island, 2,000 water gage glasses, April 10.

WASHINGTON, D. C.—Until April 5, 10:30 A. M., bids will be rec. by Panama Canal Commission, under Circular No. 1520, for fur. and del. Balboa, Pacific Port: Steel, Locomotive Wheels, Iron or Steel Rope, Iron and Steel Pipe, Gasoline Pump, Watt-Hour Meters, Motors, Steel Conduit, Pierce Pins, Receptacles, Sockets, White Hard Horn Fiber, Varnished Silk, Waffle Irons, Nails, Glass, Oars, Grommets, Screening, Wire Lath, Poultry Netting, Brushes, Rubber Matting, Varnishes, Linseed Oil, Asphalt Cement, Fire Clay, Calcium Carbide, Lumber and Creosoted Piles. Further information may be had from Assistant Purchasing Agent of Commission, Fort Mason, San Francisco.

WASHINGTON, D. C.— Following bids rec. at Pearl Harbor, T. H., under Bureau of Yards and Docks, Specification No. 4792, for auxiliary water supply at Naval Station, Pearl Harbor, T. H.:

E. J. Lord, item 1, $28,584; 3, $144,808; 4, $62.

Hawaiian Dredging Co., item 1, $33,324; 2, $300; 3, $139,661; 4, $74.75.

Honolulu Iron Works, item 4, $63.99. 24-in. pipe, $62.99, 18-in. pipe, and $112, fittings.

Collon, Neil & Co., item, $33,130.

Ralph E. Wooley, item 1, $37,287; 2, $3,200; 3, $146,500; 4, $67, 24-in. pipe, and $66, 18-in. pipe.

KLAMATH FALS, Ore.—Until April 2, bids will be rec. by U. S. Reclamation Service, to erect timber bridges on west canal of Langell Valley Division, Klamath Project, involv. 2,700 cu. yds. excavation; placing 45 cu. yds. rubble masonry and erection of about 111,000 ft. B M lumber. Spec. obtainable from above office.

HALLS AND SOCIETY BUILDINGS

Excavating, Concrete Work and Steel Contracts Awarded.

CLUB BLDG. Cost, $75,000 to $80,000

BERKELEY, Alameda Co., Cal. Corner Bancroft Way and Bowditch St.

One-story reinforced concrete and steel Class B club building (Built for additional stories).

Owner—Masonic Club of the University of California, Hotel Bancroft, Bkly.

Architect — Carl Werner, Santa Fe Bldg., San Francisco.

The Concrete Work & Excavating was awarded to C. L. Wold Co., 185 Stevenson St., San Francisco, $7900

Steel to Central Iron Works, 2050 Bryant St., San Francisco, $12,392.

Bids on the balance of the work will be taken in about a month.

HERMOSA BEACH, L. A. Co., Cal.—Archt. Myron Hunt, 1107 Hibernian Bldg., L. A., has prepared preliminary plans for a fireproof club bldg., to be erected at Hermosa Beach for the Surf & Sand Club, Hibernian Bldg., L. A. It will be 4-story 85x150 ft., reinf. conc. constr. Service quarters, laundry, boiler room and garage accommodations will be located in a separate bldg.

RED BLUFF, Tehama Co., Cal.—Architect W. H. Weeks, 369 Pine St., San Francisco, has prepared preliminary drawings for a new clubhouse for the Womans Improvement Club of Red Bluff. Mrs. Jas. Feeley, secy. of club.

OROVILLE, Butte Co., Cal.—Oroville Fraternal Hall Assn., capitalized at $50,000, has been organized for the purpose of financing construction of lodge haall to be leased to various lodges and organizations. Directors: are A. Vaughan, H. A. Baldwin, O. C. Weaver, E. F. Mitchell and T. L. McGinnis, all of Oroville.

LONG BEACH, Cal. — C. J. Harper, Sea Gull Apts., Long Beach, R. M. Malone, S. P. Bolles, R. W. Stewart and Newton M. Todd, are the directors of the recently incorporated $250,000 Long Beach Athletic Club. A club bldg. is contemplated.

LOS ANGELES, Cal.—The board of directors of the City Club are contemplating the erection of a new bldg. to provide more commodious quarters for the club. Several sites are under consideration and it is planned to build a 12-story class A office and club bldg.

SAN LUIS OBISPO, San Luis Obispo Co., Cal.—Local order of Druids plan to erect a $40,000 lodge home in this city. A site on Higuera St. near Santa Rosa has been purchased. The bldg. will be 2-story, the ground floor being planned for stores for rental.

PASADENA, L. A. Co., Cal.—Archts. Allison & Allison, 1405 Hibernian Bldg., L. A. have been commissioned to prepare plans and spec. for a new bldg. to be erected at Pasadena for the Shakespeare Club of that city. It will contain an auditorium and club rooms. Further details not determined.

SAN DIEGO, Cal. — Archt. Lincoln Rogers, and F. W. Stevenson, assoc., Spreckels Bldg., San Diego ,have completed plans for the new Army and Navy Y. M. C. A. bldg. which is to be erected on Broadway bet. India and Columbia Sts. It will be 6-story and basement and have a frontage of one block on Broadway. The first floor will contain club rooms, billiard rooms, library, etc., with banquet room, ladies' rooms and special exercise dept. on the 2nd floor. There will be 300 sleeping rms. above, with toilets, wash rms., etc. The basement will contain barbershop, massage parlors, toilets, etc. There will be complete vacuum system, laundry, locker, and plunges. The gymnasium will be 50x80 ft., 2-sto., with a running track. Constr. will be class A or steel and conc. with art. stone rusticated first story exter. and terra cotta, 6th story exter. Portions of the roof and pent houses, etc. will be roofed with red tile. The cost of the bldg. will be $600,000. This has been donated by the national organization, San Diego having raised $150,000 to purchase site. The plans will be viewed by the international committee before anything further is done in the way of construction.

HOSPITALS

ALAMEDA, Alameda Co., Cal.—The Council of the City of Alameda, opened bids on March 20 for the construction of a one-story frame and stucco Health Center Building, from plans prepared by Architect Carl Werner, Santa Fe Building ,San Francisco. The bids were taken under advisement.

General Contract

J. E. Branagh, 184 Perry St. Oakland $21,000.00
Alternate (1) deduct $1200 (2) deduct $2800.

Dean Constr. Co. 21,072.49
(1) $876, (2) $3200.

McIntosh Bros. 21,498.00
(1) 1200, (2) $3000.

J. F. Paganini 23,648
(1) $2040, (2) $4000

F. W. Maurice 23.850.00
(1) $1150, (2) $3400.

Mission Concrete Co. 23,998.00
(1) $950, (2) $1640.

Lathing and Plastering

Wm. Makin, 1048 Excelsior, Oakland $5970
Alternate deduct $990.

Allen J. Hillam 6724
$906

F. J. Judge 6743
$980

Leonard Bosch 7490
$725

Painting

R. Zelinsky, 180 Jessie St., S .F...$1485
A. Quandt & Son 1655
I. R. Kissel 1770
A. A. Zelinsky & Co. 1995

Electrical Work

Co-operative Elec. Co., 640 13th St., Oakland .....$ 888.88
Strom Elec. Co. 1069
H. F. Haverkamp 1100
Standard Elec. Co. 1836.18
Kenyon Elec. Co. 1856.00
Crown Elec. Co. 2400.00
F. E. Newbery Elec. Co. 2700.00

Plumbing

J. E. O'Mara, 442 Minna St., San Francisco 2965
H. I. Kyle 3061
T. R. Catton 3159
Scott Co. 3166
W. H. Picard 3297
Burnham Plumbing Co. 3338

A. E. Leitch Fred Clark

CLARK & LEITCH ROOFING CO.

Successors to E. S. Warner

Office and Warehouse:

1110 SECOND ST., SACRAMENTO

Phone Main 726

Plans Being Figured—Bids Close Mar. 30, 1923.

HOSPITAL Cost, $40,000

MERCED, Merced Co., Cal., 27th and M Streets.

Two-story hollow tile hospital.

Owner—Mercy Hospital Assn., W. L. White, Chairman Bd. of Directors, Merced, Calif.

Architect—Ira W. Hoover, Planada, Cal

UPLAND, San Bernardino Co., Cal.—Campbell Constr. Co., Ontario, was awarded the gen. contr. at $48,500 for erecting a new hospital bldg. at Upland for San Antonio Hospital Assn. W. C. Cline, Upland, was awarded the masonry contr. at $28,000, and electric wiring was let to Colborn Elec. Co. of Upland at $4200. Plumbing and heating have not been let. Myron Hunt, 1107 Hibernian Bldg., archht. The bldg. will be 1-story hollow concr. wall constr., plas. exter., clay tile rfg., pine trim.

WHITTIER, L. A. Co., Cal.—Archts. Allison & Allison, 1405 Hibernian Bldg., L. A., are preparing plans for a 2-story and basement class A addition to be erected to the Murphy hospital at Whittier. It will contain 30 rooms; reinforced conc. constr., plas. exter., comp. rfg., pine trim, steam htg., signal and telephone systems, tiled baths.

HOTELS

Segregated Figures to be Taken in Three Weeks.

HOTEL Cost, $250,000

PETALUMA, Sonoma Co., Cal. Washington and Kentucky Sts.

Three and four-story reinforced concrete hotel (100 rooms).

Owner—Petaluma Hotel Co.

Constr. Mgr.—Frederick Whitton, 369 Pine St., San Francisco.

Co., Cal.—Plans for the new woman's hotel prepared by Miss Julia Morgan, Merchants Exchange Bldg., San Francisco, have been accepted by the directors. A campaign under the direction of Miss Margaret Baylor, head of the recreation center, is under way to raise $150,000 for the bldg. The bldg. which will be erected on Anacapa St. near Carrillo St., will be built near the Recreation Center, and will be separated by a patio, with heavy iron ornamentation carrying out a Spanish design. About $40,000 has been raised to date.

LOS ANGELES, Cal. — Archt. Carl Boller, 531 Douglas Bldg., has completed plans for a 4-story class C brick hotel bldg. to be erected at n. e. corner of 6th St. and Westlake Ave., for Hatler-Housman-Kasting Co., 516 S Westlake Ave. It will contain 151 guest rms., 70% baths; cem. basement, brick walls, press. brick facing, cast stone trim.; cost, $125,000.

ARROW LAKE, San Bernardino Co., Cal.—Archts. Swasey & McAfee, Hibernian Bldg., L. A., are preparing plans for a hotel to be known as Village Inn and a group of cottages to be erected at Arrowhead Lake for W. H. Kemble, 213 Miramar Ave., Long Beach. The main bldg. will be 2½-sto., 30x180 ft., and six cottages of from 2 to 8 rms. each; frame constr., cem. plas and half-timber exter., shingle rfg.; pine trim, comp. baths, steam htg. system; $100,000. Comstock & Howard, Bartlett Bldg L. A., have the contract.

LOS ANGELES, Cal.—Archts. Walker & Eisen, 325 Pac. Finance Bldg., L. A. have completed plans for a 3-story class C store, hotel and apt. bldg., at cor. of Philadelphia and Washington Sts., Whittier, for Whittier Hotel Co. It will be erected by Mick & Doyle, Chapman Bldg. It will contain 11 stores 24 2-room apts. and 52 hotel rooms; dimensions, 150 by 140 ft. cost $225,000.

LONG BEACH, Cal. — C. J. Harper, Sea Gull Apts., Long Beach, is reported having taken a 99-year lease on a site at 217 E Ocean Blvd., Long Beach, for the erection of a $1,000,000 10-story 100x150 ft. class A commercial hotel bldg. Mr. Harper has begun wrecking the old Arcadia skating rink on the Pike preliminary to erecting a 3-story dance hall and apt. bldg. on the site.

SAN BERNARDINO, San Bernardino Co., Cal.—J. H. Woodworth & Son, 200 E Colorado St., Pasadena, are preparing plans for a $400,000, 5-story hotel bldg. to be erected in San Bernardino by Frank C. Platt and assoc., Pasadena. Two hundred rooms each with bath, stucco exter., tile roof.

ICE AND COLD STORAGE PLANTS

FULLERTON, Cal.—See "Factories & Warehouses," this issue.

See "Government Work & Supplies," this issue.

POWER PLANTS

SEATTLE, Wash. (official) — The City of Seattle will call for bids for the construction of 100 miles of 165 K V Transmission line and telephone line. Specifications will be complete March 30 and bids will be called for April 13. Intending bidders should familiarize themselves in the meantime with all details so that bids can be made out at the proper time. All necessary information can be obtained at the office of the Skagit River Development, 1400 Alaska Bldg.

By orded of the Board of Public Works., C. B. Bagley, Secretary.

YREKA, Siskiyou Co., Cal. — California-Oregon Power Co., Medford, Ore. will rebuild transmission line from Fall Creek to Yreka; line bet. Fall Creek and Montague, including Hornbrook tap, will be increased from 34,000 to 60,000 volts. "Pentrex" treated poles will be erected. Construction will be done by company crews. C. E. Blee is chief assistant engineer for company in charge of work.

WILLITS, Mendocino Co., Cal.—Edward Morris, chief engineer for the Central Mendocino County Power Co., with offices at Willits, will purchase about April 15 materials to be used in the construction of a concrete dam to cost approx. $25,000 and 3,000 lin. ft. 12-in. wood stave or iron pipe and 17,000 lin. ft. 12-in. conc. pipe, the latter two units to cost $20,000. Company forces will construct the pipe lines and dam. Construction of a transmission line and power house will be undertaken at a later date.

SEATTLE, Wash.—C. F. Uhden, ch. eng. for Skagit project for city of Seattle, Central Bldg., Seattle, preparing spec. for 100-mi., 165,000-volt transmission line to be constructed from Skagit river power project to city of Seattle. Bids will be asked about April 13th. Includ. rights of way, poles, transmission wire, etc. The work will cost approx. $1,250,000.

SAN BERNARDINO, Cal.—San Gorgonia Power Co. has secured a loan of $450 000 to const. two hydro electric plants north of Banning and Beaumont. About $18,000 will be expended on new roads into the territory. R. R. Scarborough is pres., and M. T. McAllister, secretary.

PUBLIC BUILDINGS

Plans Being Figured.
OFFICES Cost, $5000
MARTINEZ, Contra Costa Co., Cal. rear of courthouse.
One-story frame 6-room offices addition 36x52 ft.
Owner—County of Contra Cosia, J. H. Wells, county clerk, Martinez.
Architect—Jas. T. Narbett, 910 Macdonald Ave., Richmond.
Plans obtainable from county clerk at Martinez.

Plans Approved.
CITY HALL Cost, $600,000
STOCKTON, San Joaquin Ca., Cal. El Dorado, Centro, Fremont and Lindsey Streets.
Class A City Hall.
Owner—City of Stockton.
Architect—J. Pearce of Davis-Heller-Pearce Co., Jos. Losekann and Pete Sala, as a firm, Delta Bldg., Stockton.

SACRAMENTO, Cal.—H. S. Crocker Co., Inc., 208 J St., Sacramento, at $1,458.50 submits low bid to city commission to install steel counter and filing equipment in Assessor-Tax Collector's Office. Other bids: John Breuner Co., Sacramento, $1,543.08; M. G. West Co., San Francisco, $1,495; Purnell & Co., Sacramento, $1,474.99. Taken under advisement until March 22.

SAN RAFAEL, Marin Co., Cal.—A. Carlisle & Co., 251 Bush St., San Francisco, at $2038 awarded contract by supervisors to fur. and install metal filing cabinets in county assessor's office.

PULLMAN, Wash.—Architects Bebb and Gould, Hoge Bldg., Seattle, completing plans for 1st unit of library to be erected on University of Washington campus. Bids will be asked about May 1. First unit will be two-story and basement, 232 by 60 ft. rein. steel and concrete construction, brick and terra cotta facing; slate roof; est. cost 1st unit $437,000. Grading bids have been opened and contract will be let shortly.

SACRAMENTO—Assemblyman F. B. Noyes will introduce bill seeking appropriation of $125,000 to finance construction of engineering building at University Farm at Davis, Yolo county.

STOCKTON, San Joaquin Co., Cal. — The bid of Goolds and John, 436 East Maple street, Stockton, at $513,000, for the construction of a class A memorial auditorium building has been taken under advisement until March 23rd. This was the only general bid received. The bids on the mechanical equipment have been rejected. Plans were prepared by the City Architectural Commission (Louis S. Stone, Glenn Allen and W. J. Wright, 41 South Sutter St., Stockton).

RESIDENCES

Plans Being Figured.
RESIDENCE Cost, $14,000
HILLSBOROUGH, San Mateo Co., Cal.
Two-story frame and stucco residence 10 rooms and separate garage).
Owner—Wm. Davidson.
Architect—C. A. Clausen, Hearst Bldg., San Francisco.

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M
PLASTIC WATERPROOF
PORTLAND CEMENT
A Standard Portland Cement
Plus
Plasticity and Waterproofness
For Sale By
BUILDING MATERIAL DEALERS
EVERYWHERE

Contractor Taking Sub-Figures.
RESIDENCES Cost, $20,000, 21,000 and $22,500 respecitvely.
PIEDMONT, Alameda Co., Cal. No. 2045, 2063 and 2055 Oakland Avenue.
Three two-story 9 and 10-room frame and plaster residences and garages
Owner—S. W. Morshead, % Union Oil Co., Mills Bldg., San Francisco.
Architect—Houghton Sawyer, Hearst Bldg., San Francisco.
Contractor — Chas. Stockholm & Son, Monadnock Bldg., San Francisco.

Contract Awarded.
RESIDENCE Cost, $17,000
OAKLAND, SW Fairbanks & Walker Avenues.
Two-story frame and stucco residence and garage.
Owner—Albin W. Baker.
Architect—W. J. Mathews, 927 Broadway, Oakland.
Contractor—J. F. Magganini, 351 12th St., Oakland.

Plans Being Prepared.
RESIDENCE Cost, $10,000
STOCKTON, San Joaquin Co., Cal.
Two-story frame and stucco residence.
Owner—Withheld.
Architect — Franklyn E. Warner, 309 Exchange Bldg., Stockton.

Plans Being Prepared.
RESIDENCE Cost, $10,000
OAKLAND, Alameda Co., Cal.
Two-story frame residence.
Owner—Withheld.
Architect—Fabre & Hildebrand, 110 Sutter St., San Francisco.

Plans Being Prepared—Figures To Be Taken in Two Weeks.
RESIDENCE Cost, $25,000
SAN FRANCISCO, N Washington St., near Cherry.
Two-story and basement frame and stucco residence with tile roof (8 rooms and 2 bathrooms).
Owner—Wm. F. Gunnison, 57 Post St., San Francisco.

Plans Being Figured.
RESIDENCE Cost, $28,000
BERKELEY, Alameda Co., Cal., Mendocino & Arlington Aves.
Three-story frame and stucco residence (12 rooms and 3 bathrooms)
Owner—Mr. Ray Simonds.
Architect—W. E. Milwain, Pacific Bldg. Oakland.

Contract Awarded.
RESIDENCE Cost, $15,000
SAN FRANCISCO ,E 10th Ave. 233-4 S Anza.
Two-story and basement frame residence.
Owner—Baumgarten Bros., 1344 McAllister St., San Francisco.
Contractor—Munster & Bornholdt, 1530 Broderick St., San Fancisco.

Owner Taking Figures.
BUNGALOWS Cost—
OAKLAND, Alameda Co., Cal., Maxwell Park (55th Ave.
155 frame and stucco 6-rooom bungalows.
Owner—Arthur Bard, of Arthur Bard & Co., of Los Angeles, now at the Hotel Oakland, 13th & Harrison St., Oakland.
Contractors & Materialmen please take notice.

Contract Awarded.
STORE & FLATS Cost, $12,000
SAN FRANCISCO, W Mission S Francis.
Two-story frame store and flat.
Owner—Dr. P. G. Terzian, 4442 Mission, San Francisco.
Architect—J. A. Porporato, 619 Washington, San Francisco.
Contractor—A. De Benedetti, 20 Cotter St., San Francisco .

LOS ANGELES, Cal. — L. A. Planing Mill Co., 1812 Industrial St., L. A., has the contract to erect a 2-story res. at 2nd St. and Windsor Blvd., for D. J. Cahill. It will contain 14 rms., and 3 baths; brick and half-timber constr., slate rfg., hardwood and enam. inter. finish, oak fls., tile mantels, tiled baths uni gas htg. system, water htr., incinerator, garage; $50,000. Albert C. Martin, 430 Higgins Bldg., L. A., archt.

STOCKTON, San Joaquin Co., Cal.—Bids were opened on March 20 by A. L. Banks, clerk of the City of Stockton, for the construction of a class A reinforced concrete memorial auditorium building from plans prepared by the

City Architectural Commission (Louis S. Stone, Glenn Allen and W. J. Wright, 41 South Sutter St., Stockton. The bids were taken under advisement until March 21. Only one bid was received for the general contract.

General Contract

Goolds & John, 436 E-Maple St., Stockton $619,050
(B) deduct $2400, (c) deduct $8,-100, (d) deduct $5200, (e) deduct $2300, (f) deduct $1500.

Plumbing

Stockton Plumbing & Supply Co., Stockton (K) $13,068
(L) $1536, (M) $2042, (N) $2304.

Brandt Bros. 14,207.50
(L) $2071, (M) $2428, (N) $1866.

Scott Co., Oakland 14,694
(L) $912, (M) $1883, (N) $2200.

Electrical Work

Butte Elec. Mfg. Co., S. F. (O).. $26,854
(P) $337, (Q) $415, (R) $48, (S) $235.

G. A. Grider $8,926.72
(P) $537.58, (Q) $663.60, (R) $376.60, (S) $531.42.

Heating & Ventilating

W. H. Picard, 6666 College Ave., Oakland (T) $50,643
(U) $..., (V) $2131, (W) $2579, (X) $953, (Y) $1290, (Z) $3236

Stockton Plumbing & Supply Co. 52,177
(U) $50,331, (V) $2968, (W) $3344, (X) $1113, (Y) $1174, (Z) $5142.

F. P. Sexton & Co., Stockton.... 61,666
(U) $..., (V) $800, (W) $2250, (X) $2500, (Y) $800, (Z) $...

Scott Co., Oakland 62,860
(U) $..., (V) $3400, (W), $2878 (X) $1190, (Y) $1468, (Z) $5424.

Brandt Bros. 66,379
(U) $64,079, (V) $1424, (W) $1605, (X) $721, (Y) $710, (Z) $4500.

Combination Bid, Plumbing, Heating & Electrical Work

Latourrette-Flcal Co. Sacto. (A) $94,500
(AA) $93,000, (B) $5280, (C) $7150, (CC) $5390, (E) $4180, (Z) $4180.

E .L. Gnekow, Stockton (A) $108,846
(AA) $107,326, (D) $3476, (C) $4114, (T) $2695, (E) $2656, (Z) $4150.

The Newbery Elec Co., Bid received too late.

SCHOOLS

Plans Being Figured—Bids Close April 4, 3 p. m.
SCHOOL Cost, $100,000
SAN FRANCISCO ,N Washington bet. Trenton and Stone Sts.
Three-story reinf. concrete annex to Oriental school.
Owner—City and County of San Francisco.
Architect—John Reid, Jr., 1st Natl. Bk. Bldg., San Francisco.
Segregated figures are being taken as follows:
General contract, est. cost..... $78,000
Plumbing, est. cost 6,200
Electrical work, est. cost..... 4,000
Heating & ventilating, est. cost 5,600
Plans may be obtained from the Board of Public Works.

Plans Being Figured—Bids Close April 2, 1923, 8 P. M.
SCHOOL BLDG. Cost, $80,000
MODESTO, Stanislaus Co., Cal. N-Tenth Street.
One-story concrete and brick veneer high school building (1st unit).
Owner—Modesto Junior High School District.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
Segregated figures are being taken as follows: (1) General contract; (2) electrical work; (3) plumbing; (4) painting; (5) lathing and plastering; (6) window shades; (7) linoleum; (8) blackboards; (9) heating and ventilating. **See call for bids under Official Proposals.**

Contract Awarded.
SCHOOL Cost, $41,500
SAN FRANCISCO, 1746 & 48 Post St.
Three-story and basement frame and stucco school.
Owner—Home Mission Board of the Reformed Church in the U. S.
Architect—Jas. W. Plachek, 2014 Shattuck Ave., Berkeley.
Contractor—Walters & Grove, Monadnock Bldg., S. F.

Plans Being Prepared.
SCHOOL Cost, $80,000
FORT BRAGG, Mendocino Co., Cal.
Two-room frame school with concrete foundations and composition roof.
Owner—Fort Bragg School District.
Architect—Norman R. Coulter, 46 Kearny St., San Francisco.

Plans Being Figured—Bids Close April 2, 6 p. m.
GYMNASIUM Cost, $30,000
NAPA, Napa County, California.
One-story frame and stucco gymnasium
Owner—Napa Union High School Dist., Howard E. Roper, clerk.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
See call for bids under official proposal section in this issue.

Completing Plans—Bonds Sold.
SCHOOL BLDGS. Cost, $376,000
SANTA ROSA, Sonoma Co., Cal.
Group of reinforced concrete and brick veneer high school bldgs. with tile roof (main bldg., auditorium, and gymnasium bldgs).
Owner—Santa Rosa High School Dist.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
Plans will be ready for figures in about a month.

WEAVERVILLE, Trinity Co., Cal.—State Senate has approved bill providing for erection of new high school at Weaverville.

PASADENA, L. A. Co. Cal.—Contracts have been awarded as follows: C. O. Wopschall, 350 S Raymond Ave., gen. contr., 4-room bldg., $62,766; Franklin & Boyce, steam heating; J. F. Davis, painting; South Pasadena Plumbing Co. plumbing, and H. L. Miller Co., wiring. Parker O. Wright and Francis H. Gentry, Central Bldg., Los Angeles, and Marine Bank Bldg., Long Beach, archt. and engrs. Brick constr., conc. found., stairs and corridor fls., hardwd classroom fls., pine trim, comp. rfg., cafeteria.

LOS ANGELES, Los Angeles Co., Cal.—Pozzo Constr. Co., 421 Macy St., was awarded the general contract at $110,-178 for erecting a new school building at Laurel school site; Thos. Franklin Power, 307 Tajo Bldg., Architect. The contract was awarded on the original bid of $111,110 with a deduction of $932 for double hung windows. Other contracts awarded were Plumbing to Davidson & Cameron at $7696; heating and ventilating to Franklin & Boyce at $10,124; wiring to American Electric Constr. Co., at $3832, and painting to Dresher & Heinsbergen at $4630. The building will contain 21 units; reinforced concrete construction, plaster exterior, cast stone trim, tile roofing.

EL MONTE, L. A. Co., Cal.—Until 8 p. m., March 31, new bids will be rec. by the Board of Trustees of El Monte grammar school dist. for erecting a new school bldg. in El Monte. E. C. Thorne, 620 Western Mutual Life Bldg., L. A., archt. Bids to be taken on general contr. to include all work. Fourteen rms., library, offices and kindergarten with 2 wings; concr. and brick constr., 1-sto., stucco exter., 360x39 ft., 2 wings, 100x39 ft. each, tile rf., maple and concr. fls., Pemberton htg. system.

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SAN FRANCISCO, CALIF.

TURLOCK, Stanislaus Co., Cal.—The following bids were opened on March 19th by the Board of Trustees of the Turlock Union High School District, for the construction of a one-story eight-room brick and concrete school building with tile roof (second unit) to be known as the "Science Wing." Plans were prepared by Architect W. H. Weeks, 369 Pine St., San Francisco. The bids were taken under advisement.

General Contract

(1) solid brick; (2) brick veneer:
Bay Constr. Co., Bacon Bldg., Oakland (1) $45,334; (2) $42,953.
C. J. Wallstrum, Turlock (1) $45,465; (2) $42,790.
Wakefield & Petersen, Turlock (1) $43,811; (2) $42,659.
Ubel & Van Til, Turlock (1) $47,960; (2) $46,850.
John Madsen, Ripon (1) $49,850; (2) $46,750.
Cobby & Owsley, San Francisco (1) $49,775; (2) $47,375.
Campbell Constr. Co., Sacramento (1) $49,300; (2) $47,670.
Herndon & Finnigan, Sacramento (1) $52,250; (2) $50,750

Heating

Turlock Plumbing Co., Turlock.. $4893
Ed. Wolf, Turlock 5187
Luppen & Hawley, Sacramento.... 5283
Hoffman & Ryan, Modesto..... 5492
Carl T. Doell, Oakland..... 6067
Hateley & Hateley, Sacramento.. 7890
K. Nottingham, Oakland..... 8489

Electrical Work

Claire W. Ross, Turlock..... $1576.60
Geo. Foss 1642.00

Linoleum

Bonded Floor Co., S. F..... $579.60
W. & J. Sloane, S. F..... 807.15

SAN BERNARDINO, San Bernardino Co., Cal.—Until April 3, bids will be received by the board of education for erecting one 15-room reinf. conc. school bldg. on the present F St. site, bet. 5th and 6th Sts., and one frame and stucco bldg. on the present Riley school site, at n. w. cor. G and Base Line Sts. Proposals will be as follows: (1) general conat. with alternate bids, (2) painting snd decorating with alternate bids, (3) electric wiring with alternate bids. Howard E. Jones, 403 Katz Bldg., architect. Cert. chk. or bond 5%. Percy R. Davis, secy.

LOS ANGELES, Cal.—Archt. John C. Austin, 1125 Detwiler Bldg., has completed plans for a 3-story school bldg. to be erected at Sichel and Baldwin Sts., for the Dominican Sisters. Dimensions, 76x151 ft., reinf. conc. walls, plas. exter., tile and comp. rfg., pine trim.

NAPA, Napa Co., Cal.—See "Parks and Playgrounds," this issue.

MADERA, Madera Co., Cal.—Until March 30, 7. P. M., bids will be rec. by M. H. Tyrell, Clerk, Madera School District, for fur. one electric synchronized, self-contained Program Device in a Master Clock Case; to be operated from a transformer of commercial lighting current stepped down to 12 volts and motor wound.

NAPA, Napa Co., Cal.—Until April 2., 8 P. M., bids will be rec. by Howard E. Roper, Clerk, Napa Union High School District, for fur. and del. desks, chairs, cafeteria furniture, etc., to be installed in Napa High School. Spec. obtainable from O. R. Hull , principal of high school, Polk and Jefferson Sts., Napa. Cert. check 10% payable to W. H. Gordon, pres. of dist. req. with each bid. **A complete list of the materials desired are on file in office of Larsen Construction Reports, 560 Mission St., San Francisco.**

PORTLAND, Ore.—Until March 28, 5 p. m., bids will be rec. by R. E. Fulton, clerk, Board of Education, Administration Bldg., E 6th and Clackamas Sts., to construct Multnomah school, one story, 320 by 69 ft., of brick construction; est. cost $135,000. Will contain 10 classrooms in addition to auditorium seating 400 and manual training and domestic science quarters. Spanish clay tile roof. Plans obtainable from Architect C. L. Goodrich, Abington Bldg., Portland. Bids wanted for (1) general work, (2) heating and ventilating, (3) plumbing, (4) electrical work.

ESPARTO, Yolo Co., Cal.—The Board of Trustees of the Esparto Union High School District opened bids on March 17, for the construction of a one and two-story brick school building, from plans prepared by Architect W. H. Weeks, 369 Pine St., San Francisco. The bids of the lowest bidders have been taken under advisement and will in all probability be awarded as they are within the estimates. The bids are as follows: (1) building according to plans; (2) change exterior to select common brick; (3) stucco exterior.

General Contract

Goold & Johns, 436 East Maple St., Stockton, (2) $86,387, (2) $83,987, (3) $83,251.
F. H. Betz, Sacramento, $91,782, $89,224, $86,379.
Herndon & Finnigan, Sacramento, $92,650, $90,412, $85,955.
Campbell Constr. Co., Sacramento, $92,662, $90,935, $85,087.
E. L. Younger, Woodland, $93,900, $91,400, $86,700.
R. J. H. Forbes, San Francisco, $95,000, $94,000, $——.
Bay Constr. Co., Oakland, $95,929, $93,729, $88,928.
Cobby & Owsley, San Francisco, $98,417, $94,960, $93,993.
Holdener Constr. Co., Sacramento, $99,800, $97,950, $——.
D. R. Wagner, San Francisco, $102,200, $98,500, $97,200.
Ward & Jones, San Francisco, $108,990, $106,100, $102,965.
Hannah Bros., San Francisco, $107,300, $104,450, $101,700.

Heating

Latourrette-Fical Co., Sacto... $11,333.00
Thos. J. Kennedy, Martinez.. 12,023.00
Hateley & Hateley, Sacto..... 12,111.00
W. H. Picard, Oakland..... 12,170.00
Carl T. Doell, Oakland..... 12,447.00

Steel Lockers

H. S. Crocker Co., S. F. 298.48
Holdener Const. Co., Sacto..... 300.00
C. F. Weber Co., S. F. 369.00

Shades

Holdener Constr. Co., Sacto..... $800.00
W. & J. Sloane Co., S. F. 1174.00

Linoleum

Bonded Floor Co., S. F. $1162.10
Holdener Constr. Co. 1200.00
W. & J. Sloane Co., S. F. 1420.85

Blackboards

Wentworth Co. $630.00
Campbell Constr. Co. 666.00
Rucker-Fuller Co. 762.00
C. F. Weber Co. 785.50
Holdener Constr. Co. 800.00

Special Furniture & Fixtures

Holdener Constr Co., Sacto. $2050.00
Campbell Constr. Co., Sacto. ... 3250.00
C. F. Weber Co., S. F. 4975.50

LOS ANGELES, Cal.—J. F. Kobler, 918 W 8th St., was low bidder at $69,959 on the gen. contr. for erecting a new school bldg. at Griffin Ave. school site; Norenberg & Johnson, archts. Low bidders on other contracts were: G. C. Sutton on plumbing at $4790; Leo H. Hubbert on painting at $2579. The bldg. will contain 12 rooms; 2-sto. brick construction.

PASADENA, L. A. Co., Cal.—Until 5 p. m., Thursday, April 12, bids will be rec. by N. G. Felker, clerk of the Pasadena board of education, 521 Security Bank Bldg., Pasadena, for erecting the block C unit of the George Washington school group. Bids will be opened about 8:30 a. m., Friday, April 13th. Bids will be taken on general contract, plumbing, heating, painting and electric wiring. Allison & Allison, Hibernian Bldg., Los Angeles, archts. Brick construction.

SISSON, Siskiyou Co., Cal.—Architect G. H. Wilson, Dunsmuir, Calif., has completed plans for first unit of one-story and basement concrete school for Sisson Grammar School District. First unit will contain 6 classrooms with quarters for manual training and domestic science classes. Bids will be asked within two months.

LOS ANGELES, Cal. — Archt. Edwin Bergstrom, 1128 Cit. Natl. Bank Bldg., is completing working drawings for tht new John C. Fremont high school bldgs. to be erected on San Pedro St. at 76th Pl. The main bldg. will be 2-sto. extreme dimensions, 480x225 ft., with a 3-story auditorium wing. The shop bldg. will be 1-story, 75x200 ft. The constr. will be of brick with slate rfg. the auditorium will be class A constr. with reinf. conc. fl. and balconies. Cost, $600,000.

TUCSON, Ariz.—The board of education of Tucson, Ariz. rejected all bids for erecting the new high school bldg. The plans will be revised and the work readvertised to keep the cost within the $500,000 available. Lyman & Place and H. O. Jastaad, Tucson, assoc. architects.

HUNTINGTON PARK, L. A. Co., Cal. Archts. Rea & Garstang, 905 Trust & Savings Bldg., L. A., have been commissioned to prepare plans and spec. for the new bldgs. to be erected at Huntington Park union high school under the recent $500,000 bond issuue. Preliminary plans will be prepared at once.

SANTA MONICA, L. A. Co., Cal.—J. D. Kneen Contracting Co., Santa Monica, was awarded the gen. contr. at $107,800 for erecting new high school at Santa Monica; Allison & Allison, 1405 Hibernian Bldg., archts. Other contracts were awarded to the low bidders on bids received Feb. 14.

SEATTLE, Wash.—M. Hoard & Co., Pantages Bldg., Seattle, awarded contract to erect St. Margaret's School at 14th Ave. & W Dravus St., from plans of Architect Lundberg and Mahon, Lyon Bldg., Seattle. Will be 2-story and basement, 100x68 ft., 18 classrooms, masonry construction with tapestry brick and terra cotta trimming exter.

ANTIOCH, Contra Costa Co Cal.—The Board of Trustees of the Oakley School District opened bids on March 19th, for the construction of a one-story hollow tile and frame school building from plans prepared by Architect James Narbett and Geo. O'Brien, 910 Macdonald Avenue, Richmond. The contract was awarded to F. W. Maurice, 1362 E-25th St., Oakland. Following is a complete list of the bids received:

F. W. Maurice, Oakland $14,162
Bay Const. Co., Oakland 15,130
Field Co. 15,828
Allen & Conrad, Oakland 17,512
Randolph Hook, Walnut Creek.. 18,950
Miner Co., Richmond 19,060

MILLBRAE, San Mateo Co., Cal.—Bids were opened on March 19th by Millbrae School District Trustees for the construction of a one-story frame and stucco school building to contain four classrooms and an auditorium, to be known as the "Lomita Park School" from plans prepared by Architects Alfred Kuhn and Thomas Edwards, 833 Market St., San Francisco, and for the construction of a one-story and basement frame and stucco school building to be known as the "Millbrae School," from plans prepared by Architect Ernest Norberg of Burlingame and Balboa Bldg., San Francisco. The three lowest bids were taken under advisement.

Lomita Park School, General Contract

O. C. Holt, 180 Jessie St., San Francisco $43,620
Cochran, Grant & Roehm, S. F.. 44,691
John Morton, San Francisco.... 45,337
L. Duguardi 48,850
R. C. Stickle 49,000
Palo Alto Constr. Co., Palo Alto 51,970
J. A. Bryant 54,500

Heating

Pacific Gas & Elec. Co., 445 Sutter St., San Francisco.. $3085.25
Knittle-Cashel, S. F. (Steam Heating) 3033.00
Majestic Way Heating Co..... 3723.00
Williams Radiator Co., S. F. (Steam Radiators) $2667.00
Ra-do Gas System..... 1590.00

Millbrae School, General Contract

John Morton, Balboa Bld., S. F.. $30,845
R. C. Stickle..... 32,658
Palo Alto Constr. Co..... 36,270
L. Duguardi 36,641
J. A. Bryant..... 41,500

Plumbing

H. R. Parks, 1115 Bayswater St. Burlingame (low) 2462.75
W. C. Palamountain..... $3478.70
E. C. Cottier..... 3579.53

Heating

Williams Radiator Co., Monadnock Bldg., S. F. (steam Rad. System) $2616
Majestic Way Heating Co., S. F.. 3763
Knittle-Cashel Co. (steam heating) 3122

LOS ANGELES, Cal.—Archt. John C. Austin, 1125 Detwiler Bldg., is preparing plans for an addition of ten classrooms and additions to the manual training and domestic science depts. at John Muir junior high school at Vermont Ave. and 50th St. The construction will be of brick. Cost, $100,000.

LOS ANGELES, Cal.—Archt Harwood Hewitt, 1130 Van Nuys Bldg., has completed plans for a new bldg. to be erected on Coronel school site. Two-story, 14 rooms, brick constr., plas. exterior, cast stone trim, clay tile rfg.; $82,000. The board of education will advertise shortly.

LOS ANGELES, Cal.—Archt. John C. Austin, 1125 Detwiler Bldg., has completed revised plans for a boys, gymnasium bldg. to be erected at L. A. high school site. It will be brick constr. and is to cost $55,000. The board of education will advertise for bids shortly.

NAPA, Napa Co., Cal.—Until March 30, 10:30 a. m., bids will be rec. by Mrs. J. W. Parker, San Salvador Union School District for fur. and install. deep well water pump and pressure water tank system. **See call for bids under official proposal section in this issue.**

BANKS, STORES & OFFICES

Plans To Be Prepared.
STORE BLDG. Cost, $115,000
OAKLAND, Alameda Co., Cal. W Broadway 150 S 19th St., running through Telegraph Ave.
Three-story reinforced concrete store building.
Owner—Smith Bros., (stationery, etc.) 472 13th St., Oakland.

Contract Awarded.
STORES Cost, $13,000
OAKLAND, SE 71st Ave. & E 14th St.
One-story brick stores.
Owner—Broadway Grill, 1107 Broadway, Oakland.
Contractor—J. J. Power, 774 20th St., Oakland.

Contracts Awarded.
ADDITION Cost, $8000
SAN FRANCISCO, NW Sacramento and Embarcadero.
Alterations and additions to building (except magnesite floor, painting, plumbing and electrical work).
Owner—Maurice Bernstein.
Architect—Martin A. Sheldon, 110 Sutter St., San Francisco.
Contractor—H. Schulte & Son, 40 Norton St., San Francisco.
Plumbing, gas fitting and sewer work awarded to Thos. Skelly, 1344 9th Ave.

Plans Complete.
STORES & OFFICES Cost, $17,000
SAN FRANCISCO, NE Clement St. & 7th Avenue.
Two-story and basement brick stores and offices.
Owner—York Realty Co., 40 Montgomery St., San Francisco.
Architect—W. L. Schmolle, 40 Montgomery St., San Francisco.

Contract Awarded.
OFFICES Cost, $60,000
VISALIA, Tulare Co., Cal. Locust and Acequia Sts.
One-story reinforced concrete offices. 23x120 feet.
Owner—Security Title Insurance & Guarantee Co. and Visalia Abstract Co.
Architect—Not Stated.
Contractor—Edgar Noble, Visalia.

Bids to be Asked Shortly.
STORES Cost, $25,000
CHOWCHILLA, Madera Co., Cal.
One-story brick (5) stores, 100x90 ft.
Owner—Chas. H. Kendrick, Chowchilla.
Architect—Ernest J. Kump Co., Rowell Bldg., Fresno.

SACRAMENTO, Cal.—Victor Kohler, Sacramento, has purchased a site with 40-ft. frontage in J St., and will erect a two-story brick business block.

LOS ANGELES, Cal. — Baker Iron Works has been awarded a contr. to furnish and erect the struc. steel for the 6-story class A bank and office bldg., to be erected at Santa Ana for the Farmers & Merchants Bank of that city. John Parkinson and Donald B. Parkinson, 420 Title Ins. Bldg., are the archts.; Edw. C. English, 508 Cit. Nat Bank, gen contr.

(Continued on page 17)

Official Proposals

NOTICE TO CONTRACTORS

(Modesto Junior College)

Notice is hereby given that sealed bids will be received and opened by the Board of Trustees of the Modesto Junior College District, Stanislaus County, State of California, **at 8 P. M., the 2nd day of April, 1923**, in the office of the Board, Modesto High School Buildings, H St., Modesto, Calif., for the erection and completion of a Junior College building to be built in the City of Modesto, Stanislaus County, State of California, in accordance with plans and specifications made for the same by W. H. Weeks, the authorized Architect, employed by the Board.

Segregated bids will be received on the work as follows:

1. General Contract.
2. Electric work.
3. Plumbing.
4. Painting.
5. Lathing and plastering.
6. Window shades.
7. Linoleum.
8. Blackboards.
9. Heating and ventilating.

Plans and specifications may be obtained at the office of the Architect, W. H. Weeks, 369 Pine Street, San Francisco, California, or may be seen at the office of the Clerk of the Board of Trustees in the City of Modesto.

All bids should be presented on bid forms furnished by the Architect. Each bid must be accompanied by certified check on some responsible California bank in the sum of not less than Five Per Cent (5%) of the amount of the bid, made payable to Kathleen G. Prewett, Clerk of the Board of Trustees of the Modesto Junior College District, for the purposes stated in the specifications.

Each bid must be enclosed in a sealed envelope and addressed to Miss Kathleen G. Prewett, Clerk of the Board of Trustees of the Modesto Junior College District, and endorsed: "Proposals for (name segregation) for Junior College Building."

The Board reserves the right to reject any and all bids.

Bids must be delivered to the undersigned Clerk of the Board at Modesto, at the time and place above stated, or any time up to the hour of opening of said bids.

KATHLEEN G. PREWETT,
Clerk of the Board of Trustees of the Modesto Junior College District, Modesto, Stanislaus County, Calif.

NOTICE INVITING SEALED PROPOSALS

For the Installation of a Deep Well Water Pump and Pressure Water Tank System for Salvador Union School Building at Napa, California.

Notice is hereby given by the Board of Trustees of the Salvador Union School District at Napa, California, that bids will be received by said Board for the furnishing and installation of a deep well water pump and pressure water tank system, complete and installed, all according to the plans and specifications for the same now on file in the office of the County Superintendent of Schools of Napa County, and to which prospective bidders are referred.

All bids will be opened by said Board of Trustees on the **30th day of March, 1923, at 10:30 a. m., of said day** at the office of the Superintendent of Schools in the City of Napa.

All bids must be delivered to Mrs. John Parker, Clerk of said Board, before said hour, enclosed in sealed envelopes and marked on the outside "Bids for installation of deep well water pump and pressure water tank system for Salvador Union School."

All bids to be accompanied by cash or certified check for ten per cent of amount to Board of Trustees of said school district and to be returned to party or parties whose bid or bids are not accepted and to the party whose bid is accepted upon his entering into a contract with said School District and giving such bonds as may be required by law or said Board—the Board of Trustees reserves the right to reject any and all bids.

MRS. J. W. PARKER,
Clerk of the Board of Trustees of Salvador Union School District, Napa, California.

> **A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.**
>
> **Rate: 10 cents per line, per insertion.**
>
> **All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.**

NOTICE FOR BIDS

(Tractor and Track)

Notice is hereby given that the Board of Trustees of the City of Auburn hereby call for written bids for one new Fordson Tractor and a track for such tractor.

Bids will be opened on **Wednesday, the 4th day of April, 1923, at 8 p. m.**, at the regular meeting place of the Board.

All bids must be accompanied by a certified check of 10 per cent of the price of said articles, and must be delivered to the City Clerk of the City of Auburn, on or before 8 p. m., of the 4th day of April, 1923.

The Board of Trustees reserves the right to reject any and all bids.

Dated March 7th, 1923.

MARY H. WALLACE,
City Clerk of the City of Auburn.

NOTICE TO CONTRACTORS

(Gymnasium, Napa Union High School District)

Notice is hereby given that sealed proposals will be received and opened by the Board of Trustees of the Napa Union High School District, of Napa County, State of California, at School Building in the City of Napa, County of Napa, and State of California, at **eight o'clock p. m., April 2, 1923** for the erecting and completion of gymnasium to be built on the Napa Union High School lot, in the City of Napa, State of California, according to plans and specifications prepared for the same by W. H. Weeks. Bids will be received on the general contract with its alternate propositions.

Plans and specifications may be seen at the office of the Clerk of the Board in the City of Napa, or at the office of the Architect, W. H. Weeks, 369 Pine Street, San Francisco, California.

All bids should be presented on Bid Form furnished by the Architect. Each bid must be accompanied by a certified check on some responsible California bank in the sum of not less than ten (10%) per cent of the amount bid, made payable to W. H. Gordon, President of the Board of Trustees of the Napa Union High School District, for the purpose stated in the specifications.

Each bid must be enclosed in a sealed envelope and addressed to Howard E. Roper, Clerk of the Napa Union High School District, Napa, California, and endorsed "Proposal for Building Gymnasium."

The Board of Trustees expressly reserves the right to reject any and all bids. Bids may be delivered to the undersigned, Clerk of Said Board of Trustees, at his residence in said City of Napa, or handed in to the said Board of Trustees at the time and place of meeting above stated, at any time up to the hour of opening said bids.

HOWARD E. ROPER,
Clerk of the Board of Trustees of the Napa Union High School District, of Napa County, State of California.

Dated, Napa, March 16, 1923.

NOTICE TO COTRACTORS

(Pattersville Bridge, Sacramento County)

Sealed bids will be received by the clerk of the board of supervisors of Sacramento county, California, at his office in the courthouse at Sacramento California, up to **2 o'clock p. m., April 24, 1923**, for furnishing and delivering the structural steel, machinery, and all steel materials for a highway bridge over the Sacramento river near Pattersville, Sacramento County, California.

Each bidder must submit a proposal to the clerk of the board of supervisors on standard forms, which may be obtained from the county engineer's office, said proposal to be accompanied by a certified check to the amount of ten per cent (10%) of the total amount bid, said check to be made payable to the chairman of the board of supervisors of Sacramento county, California.

Plans and specifications are on file in the office of the county engineer and the clerk of the board of supervisors of Sacramento county, to which bidders are hereby referred. Copies of said plans and specifications will be mailed to any address upon receipt of check for $10, made payable to the chairman of the board of supervisors, said check to be returned upon return of the plans.

The board of supervisors reserves the right to reject any and all bids and to waive any informality in the bids received, as the public good may require.

HARRY W. HALL,
County Clerk and ex-officio Clerk of the Board of Supervisors of Sacramento County.
By F. M. Lampert, Deputy.

NOTICE TO CONTRACTORS

(Steamboat Slough Bridge, Sacramento county)

Sealed bids will be received by the clerk of the board of supervisors of Sacramento county, California, at his office in the courthouse, at Sacramento, California, up to **2 o'clock p. m., April 20, 1923**, for furnishing and delivering machinery, and all steel materials for a highway bridge over Steamboat slough, Sacramento county, California.

Each bidder must submit a proposal to the clerk of said board of supervisors on standard forms, which may be obtained from the county engineer's office, said proposal to be accompanied by a certified check to the amount of ten per cent (10%) of the total amount bid, said check to be made payable to

QUANTITY SURVEYOR
and Valuation Engineer
Buildings and Engineering Works
ARTHUR PRIDDLE
693 Mission Street, at Third St.
San Francisco, Calif.
Telephone Douglas 8-4-9-3

the chairman of Sacramento county, California.

Plans and specifications are on file in the offices of the county engineer and the clerk of the board of supervisors of Sacramento county, to which bidders are hereby referred. Copies of said plans and specifications will be mailed to any address upon receipt of check for $10, made payable to the chairman of the board of supervisors, said check to be returned upon return of the plans.

The board of supervisors reserves the right to reject any and all bids and to waive any informality in the bids received, as the public good may require.

HARRY W. HALL,
County Clerk and ex-officio Clerk of the Board of Supervisors of Sacramento County.
By F. M. Lampert, Deputy.

NOTICE TO BIDDERS

(Paving—City of Reno)

Notice is hereby given that the City Council of Reno, Nevada, invite and will receive sealed bids up to **eight (8) o'clock p. m., of Monday, the 9th day of April, 1923**, for the following described work; said bids to be filed with the City Clerk of the City of Reno, Nevada.

The work to be done consists of the following estimated quantities:

573,340 sq. ft. of 5-in. asphaltic concrete pavement.

15,954 sq. ft. of 2-in. asphaltic concrete pavement.

Copies of the plans and specifications may be obtained from the City Engineer upon receipt of five ($5.00) dollars; said deposit to be returned if the specifications are returned within five days after the award of the contract.

Each bid must be accompanied by a check, payable to the City of Reno, and certified by a responsible bank, for an amount of not less than ten (10) per cent of the aggregate of the bid.

For further information inquire at the office of the City Engineer.

The City Council reserves the right to reject any and all bids.

Dated at Reno, Nevada, this 17th day of March, 1923.

J. B. REESE,
City Clerk and Clerk of the City Council of the City of Reno, Nevada.

NOTICE TO BIDDERS

(City of Turlock—Pump)

For the installation of one multi-stage, deep-well turbine pump for the City water works.

Notice is hereby given that sealed bids will be received by the undersigned on behalf of the City of Turlock up to **8 o'clock P. M., Tuesday, April 3rd, 1923**, for furnishing one multi-stage, deep-well, turbine pump for said City of Turlock.

Specifications can be seen at the office of the City Clerk of said City, 108 North Broadway, also at the office of City Engineer H. C. Hall, First National Bank Building, Corner North Center and East Main Street, City of Turlock, California.

For further particulars reference to which is hereby made.

By order of the Board of Trustees of said City of Turlock, California.

Dated, March 15th, 1923.

A. P. FERGUSON,
City Clerk, City of Turlock, County of Stanislaus, State of California.

NOTICE TO BIDDERS

(Sewer Pipe—City of Turlock)

Notice is hereby given that sealed bids will be received by the undersigned on behalf of the City of Turlock up to 7:30 p. m., Thursday, the fifth day of April, 1923, for furnishing the following materials, namely:

1400 lineal feet of 10-inch sewer pipe.
3000 lineal feet of 8-inch sewer pipe.
6000 lineal feet of 6-inch sewer pipe.

The above pipe must be of first quality, standard glazed, cement, bell and spigot pipe of standard strength.

By order of the Board of Trustees of the said City of Turlock, dated this, the 20th day of March, 1923.

Delivery to be made within 60 days from the time of award of the contract, f. o. b. Turlock, California.

A. P. FERGUSON,
City Clerk of the Board of Trustees of the City of Turlock, County of Stanislaus, State of California.

BANKS, STORES & OFFICES

(Continued from page 15)

SAN DIEGO, L. A. Co., Cal.—Lange & Bergstrom, San Diego and Los Angeles, have the contr. at approx. $85,000 to erect a 2-story office bldg., 50x94 ft., at Third and Plaza Sts., for Stephens & Co. Plans by Archt. William H. Wheeler. The exter. will be terra cotta. The bldg. will be used exclusively by the owner.

FRESNO, Fresno Co., Cal.—W. B. Holland, 25 Forthcamp St., Fresno, will erect one-story brick store, 50 ft. frontage, in L St., bet. Merced and Tuolumne streets, to be leased to the Paul Derkum Rubber Co., Inc.

LOS ANGELES, Cal.—Scofield Engineering Construction Co., Pacific Finance Bldg., has the contr. to erect an 8-story and basement class A office bldg. at s.e. cor. of 6th and Lucas Sts., for the Medical Bldg. Co. Dodd & Richards, 905 Brack-Shops Bldg., L. A. archts. It will be 50x100 ft., reinf. concrete frame and fls., brick filler walls, press. brick and terra cotta facing. Cost $250,000.

LOS ANGELES, Cal.—Archts. Curlett & Beelman, 408 Union Bank Bldg., are completing plans for a class A mercantile bldg., to be erected at 9th and Los Angeles Sts., for Cooper Dry Goods Co. It will be 10-story and basement, 156 by 100 ft., with a shipping bldg., 1-story and basement, 100 by 100 ft., designed to carry ten stories. Reinf. conc. construction, flat slab system, cem. plas. exter. finish, terra cotta entrance, marble and tile work, steel sash, sprinkling system. Cost, $800,000.

POMONA, L. A. Co., Cal.—Southern Gas Co. announces that a $200,000 store and office bldg. will be erected at West Second and Gordon Sts. Archts. of the gas company are preparing plans for the structure, which will be 2-story, and contain dist. offices of the company, stores and offices for rental purposes. A. E. Brown, gen mgr., F. R. Bain, pres. The bldg. will be erected in conjunction with A. E. Andrew and E. B. Keller, owners of property adjoining. Bldg. owned by the latter will be replaced by the new structure.

FRESNO, Fresno Co., Cal.—Mrs. Lottie L. Green, 756 H St., Fresno, has purchased a 25-ft. frontage in addition to 125 ft. already owned, in Broadway bet. Mariposa and Tulare Sts., and will erect a two-story store and office bldg. as soon as leases can be completed.

THEATRES

Contracts Awarded.
THEATRE, ETC. Cost, $97,800
SAN ANSELMO, Marin Co., Cal.
Two-story concrete and steel theatre, store, office and hall building.
Owner — Tamalpais Community Associates, Inc.
Architect—S. Heiman & Harold Stoner, Associated, 57 Post St., S. F.
General contract to Louis Cohen, 110 Sutter St., San Francisco.
Electrical work to Butte Elec. & Mfg. Co., 534 Folsom St., S. F. $5381.
Painting to D. Zelinsky, 422 Turk St., San Francisco, $4600.

LOS ANGELES, Cal. — Engineering Service Co., Washington Bldg., has prepared plans and will erect a 1-sto. and part 2-sto. store and theatre bldg. at s.w. cor. of Western Ave. and 54th St. for R. D. List, 1021 Central Bldg. It will contain 7 stores, 5 offices and theatre auditorium; theatre will be reinf. conc. constr., store section of brick constr., press. brick facing; cost $60,000.

MISCELLANEOUS BUILDING CONSTRUCTION

Plans Being Prepared.
UNDERTAKING PARLOR Cost, $20,000
STOCKTON, San Joaquin Co., Cal. Fremont and American Sts.
Two-story brick, frame and stucco Undertaking Parlor.
Owner—C. De Young and C. Conklin, 407 E-Lindsay St., Stockton.
Architect — Franklyn E. Warner, 309 Exchange Bldg., Stockton.
Plans will be ready for figures in a month.

Owner Taking Bids.
UNDERTAKING PARLORS Cost, $25,000
SALINAS, Monterey Co., Cal. West San Luis and Lincoln Ave.
Two-story frame and stucco undertaking parlors, 40x106 ft.
Owner—H. W. Collins (Salinas Undertaking Co.), Masonic Temple Bldg., Salinas, Calif.
Architect—Not Stated.

Contract Awarded.
ALTERATIONS Cost, $10,000
OAKLAND, 3758 Loma Vista Ave.
Alteration and add to bldg.
Owner—Mrs. A. Walker, 3756 Loma Vista Ave., Oakland.
Contractor—P. R. Devore, 2365 Foothill Blvd., Oakland.

Plans Complete.
NURSES' DORMITORY Cost, $25,000
MARTINEZ, Contra Costa Co., Cal.
One-story hollow tile nursea' dormitory.
Owner—Contra Costa County.
Architect—Jas. T. Narbett, 910 Macdonald Ave., Richmond.

OGDEN, Utah.—Archts. John Parkinson and Donald B. Parkinson, 420 Title Ins. Bldg., L. A., have been commissioned to prepare plans and spec. for a new brick and stone union depot to be erected at Ogden, Utah, for the Union Pacific and Southern Pacific Ry. Cos. It will be 2-sto., 450x60 ft., with wings at each end.

OAKDALE, Stanislaus Co., Cal. — Western Engineering & Construction Co., Salt Lake City, Utah, will start operations immediately on the constr. of a camp to house between 600 and 700 men to be used in connection with a construction project of which the company, at this time, refuses to make public. Edw. Connor, engineer for the company, is now in Oakdale completing the leasing of lands necessary for the company.

VENICE, L. A. Co., Cal.—Thornton Kinney, pres. of the Abbott Kinney Co., states that about $500,000 will be expended this season on improvements and remodeling to the Windward Ave. pier. Considerable of the work will involve pile foundations. Several amusement bldgs. and devices will be constructed.

SACRAMENTO, Cal.—Until April 20, 2 p. m., bids will be rec. by Harry W. Hall, county clerk, for fur. and del. structural steel machinery and a steel materials for highway bridge over Steamboat Slough and bridge over Sacramento river, near Paintersville. Cert. check 10% payable to Chair. Br. Supa. req. with each bid. Spec. obtainable from County Engineer C. W. Deterding, on deposit of $10, returnable. **See coll for bids under official proposal section in this issue.**

PORTLAND, Ore—Architects Houghtaling & Dougan, Elks Bldg., preparing plans for two-story mill construction stores, offices and stage depot, 100 by 200 ft. to be erected for the Portland Terminal Co., in Salmon St., bet. 5th and 6th Sts.; est. cost $100,000.

VINDALE STATION, Cal.—Rio Grande Oil Co. will build an oil refinery on a 100 acre tract recently purchased at this point. It is 8.5 mi. SE from Los Angeles, and 5 miles from Santa Fe Springs and 3 miles from the Montebello field. L. E. Lockhart, pres. and L. M. Lockhart, secy. and treas. The company is operating refineries in many other parts of the west and south.

Engineering News Section

BRIDGES

SANTA ANA, Cal.—Application has been made to U. S. Engr., 725 Central Bldg., Los Angeles, by Orange County supervisors for approval of modification of plans of a conc. bridge 385 ft. long, 24 ft. wide, proposed to be built across Anaheim Bay 4000 ft. from the mouth of Anaheim Bay. The plans of the bridge as approved by the Secretary of War provide for a 55-ft. removal span, allowing 40 ft. in the clear with the span in its usual position, and headrm. of 12.9 above mean high tide and 18 ft. above mean lower low tide.

NEWPORT BEACH, Cal.—See "Sewers and Streets," this issue.

SACRAMENTO, Cal.—Bids will be asked shortly by county supervisors to construct Steamboat Slough and Paintersville bridges. Bids for these structures were opened last October but were rejected. Following is list of bids received under last advertisement:

(1) Both bridges; (2) Paintersville bridge; (3) Steamboat Slough.

Jenkins & Elton, Sacramento (1) $333,346; (2) $197,400; (3) $143,600.

Healy-Tibbitts Constr. Co., San Francisco (1) $353,300; (and 3) $——.

A. W. Kitchen (1) $355,000; (2) $204,000 (3) $155,000.

Clinton Constr. Co., San Francisco. (1) $359,254; (2) $208,690; (3) $161,554.

C. W. Deterding, county surveyor.

MARTINEZ, Contra Costa Co., Cal.—County Supervisors vote franchise to Delta Bridge Corp., recently organized, to construct toll bridge over San Joaquin river, 3 mi. east of Antioch; will be about 6,700 ft. long, drawbridge type; est. cost, $750,000. Company also plans construction of number of warehouses in vicinity of bridge project.

SALEM, Ore.—Until April 15, (date not officially set), bids will be rec. by State Highway Commission, to const. bridge over Lewis and Clark river near Astoria, consisting of single leaf bascule with a 100 ft. clear opening, conc. piers and about 700 ft. pile trestle approach. Spec. obtainable from commission on deposit of $10, returnable. Herbert Nunn, State Highway Eng.

SACRAMENTO, Cal.—Until April 20, 2 p. m., bids will be rec. by Harry W. Hell, county clerk, for fur. and del. structural steel machinery and a steel materiale for highway bridge over Steamboat Slough and bridge over Sacramento river, near Paintersville. Cert. check 10% payable to Chair. Bd. Sups. req. with each bid. Spec. obtainable from County Engineer C. W. Deterding, on deposit of $10, returnable. **See call for bids under official proposal section in this issue.**

SANTA ROSA, Sonoma Co., Cal.—Supervisors let following contracts for bridge and culverts:

Wood truss bridge over Willow creek, on Denman Station to state highway rd. awarded to Lord and Bishop, Cloverdale, $1975. Other bids: R. Press Smith, $1980; W. L. Proctor, $1988; Call Construction Co., $2450; W. S. Criscom, $3000.

Repairs to bridge over Sonoma creek, on Sonoma highway to El Verano rd. awarded to W. L. Proctor, Rosenberg Bldg., Santa Rosa, $1960. Other bids: R. Press Smith, $2080; Lord and Bishop, $2375 Call Construction Co., $2650.

Rein. conc. culvert and fill on Adobe rd. at Bonnison ranch, 1st Sup. dist. awarded to R. Press Smith, Santa Rosa $1880. Other bids: W. L. Proctor, $4995; Straham, Bishop and Brooks, $5038; Alfred T. Howe, $5049; Call Construction Co., $5400; Lord and Bishop, $5800; W. S. Griscom and Co., $7000.

SAN JOSE, Santa Clara Co., Cal.—Until April 16, 11 A. M., bids will be rec. by H. A. Pfister, County Clerk, to const. rein. conc. bridge on Mabury road over Coyote Creek. Sup. Dist. 3. Spec. on file in office of Clerk.

YREKA, Siskiyou Co., Cal.—Until April 3, 10 a. m., bids will be rec. by W. J. Neilon, county clerk, to construct conc. piers and erect two 39-ft. steel truss spans over Jennie Creek about 12-mi. east of Hornbrook on Hornbrook Copco road; also one 39-ft. steel truss span with conc. piers and fills over Bogus creek about 8-mi. east of Ager on Ager to Klamath Hot Springs rd. Steel for bridges will be furnished by county at site. Cert. check 10% req. with each bid. Spec. obtainable from county surv. Albert J. Parrott.

MARTINEZ, Contra Costa Co., Cal.—G. A. Renner, 628 Montgomery St., San Francisco, at approx. $2700 submits low bid to supervisors to const. through-girder bridge over Releiz creek, bet. Lafayette and Walnut Creek, Div. 2, county highway system, involv. 20,500 lbs. structural steel; 19 cu. yds. rein. conc.; 1400 lbs. rein steel; 12 cu. yds. conc. abutments and removal of present pony truss bridge. All bids rejected and work ordered done by day labor, under supervision of county surv. R. R. Arnold.

KLAMATH FALLS, Ore.—See "Government Work and Supplies," this issue.

REDWOOD CITY, San Mateo Co., Cal.—County Surv. Geo. A. Kneese completes spec. for bridge over Mocha creek near Leslie Salt Works, and bids have been ordered advertised. Eliz. M. Nash, county clerk.

DREDGING, HARBOR WORKS AND EXCAVATIONS

SACRAMENTO, Cal.—City Commission votes to call election to bond for $35,000 to finance lowering of Y St. levee from 21st St. to 10th St., and $30,000 for lowering levee from 1st St. to 10th St. Issue will also provide $90,000 to construct conc. levee revetment. Albert Givan, City Eng.

ROSEVILLE, Placer Co., Cal.—Pacific Gas and Electric Co., 445 Sutter St., San Francisco, will shortly commence construction of East Side Canal system, approx. 12,558 ft. long, including const. of 8098 ft. plain conc. pipe; to be used to irrigate 1600 acres lying bet Loomis-Rocklin pipe lines and Secret Ravine; est. cost $19,800. Work will be done by company crews.

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LOS ANGELES, Cal.—J. A. Hill, 1380 Shatto St., submitted low bid to Bd. Pub. Wks. at $23,000 for excav. complete and $300 for wooden guard rail in connection with grading Fifth St., bet. Grand Ave. and west line of Normal Hill Center.

SOUTH SAN FRANCISCO—Federal Government authorizes survey to determine practicability of removing of a bar which would open up 18 mi. of deep water front.

LOS ANGELES, Cal.—Application has been made by harbor comm. of Los Angeles for permission to drive temporary piles in the cross channel of the east basin channel, Los Angeles harbor, in the vicinity of Berth 217, bet. U. S. pierhead stations 404 and 406, for use by the Petroleum Export Company in mooring a landing barge.

MT. VERNON, Wash.—Until April 3, bids will be rec. by Bd. of Comm. of Drainage Dist. No. 19, Skagit County, to const. two conc. flumes and five drainage ditches.

IRRIGATION PROJECTS

BAKERSFIELD, Kern Co., Cal. — Early action will be taken in the formation of an irrigation district of 292,100 acres within the confines of Kern county, to be watered by stored waters of the Kern river, according to Herman T. Miller, chairman of the committee of 25 furthering the project. A bond election to finance construction works will be submitted within the next three months.

MODESTO, Stanislaus Co., Cal.—Directors of Modesto Irrigation District will sell $298,400 worth of bonds April 9; proceeds of sale to finance construction in district. C. S. Abbott, secy. of district.

BRENTWOOD, Contra Costa Co., Cal.—Brentwood Irrigation District was organized at a recent election. District comprises 7,000 acres. Directors are: Robert Wallace, A. D. MacKenzie, William Dainty, Byron Swift and W. L. Moffatt.

CORNING, Tehama Co., Cal. — Land owners in southern section of Tehama county, at mass meeting decide to proceed with preliminaries to form an irrigation district, comprising some 70,000 acres on the west side of the Sacramento river. The project is backed by W. H. Samson and C. D. Hill. It is proposed to impound the flood waters of Trinity river and divert them through a 6-mi. tunnel in the Sacramento river watershed. Engineers Fred H. Tibbitts, Alaska Commercial Bldg., San Francisco, and R. C. Starr of Starr-Theobold-Anderton, Sharon Bldg., San Francisco, have submitted preliminary reports to the backers of the project.

LIGHTING SYSTEMS

NEWPORT BEACH, Cal.—See "Sewers & Streets" column, this issue.

SAN RAFAEL, Marin Co., Cal.—City council plans early installation of 16 electroliers in three blocks of Irwin St. It is proposed, at next meeting, to select type of standard to be installed in every section of the city. E. W. Smith, city clerk.

TAFT, Kern Co., Cal.—City trustees approve spec. to install 54 electroliers in portions of North, 4th and 5th Sts., est. cost $9070 and bids for installation will be asked about April 16, Edw. M. Lynch, city eng.

BERKELEY, Alameda Co., Cal.—Until April 3, 10 a. m., bids will be rec. by E. M. Hann, city clerk, to install 75 electroliers with globes, lamps and tops, complete with underground cables and conduits in Telegraph Ave., from south boundary line of city north to Allston Way. 1911 Act. Cert. check 10% payable to city req. Spec. obtainable at office of city clerk. C. L. Huggins, city engineer.

SANTA ANA, Cal.—Estimate of City Engr. W. G. Knox for lighting 4th and 5th St., are $14,000 for the former and $16,000 for the latter. Thirteen city blocks are contained in each system. There will be eighty metal standards on 5th St. and seventy on 4th St. Plans for systems being prepared.

VISALIA, Tulare Co., Cal.—Chamber of Commerce appoints committee to secure estimates of costs and drawings on various types of electrolier systems to be installed in the down town section of city. Committee consistis of Walter E. Drabnick, chairman; Harry C. Locey and Richard K. Morey.

SANTA ANA, Cal.—City Engr. W. G. Knox, preparing spec. for ornamental lighting system for W 4th and W 5th Sts. At meeting of city trustees, a steel post made by the Union Metal Co. was selected.

LOS ANGELES, Cal.—So. Cal. Electric Co., 625 S-Main St., Los Angeles, submitted low bid to supervisors at $106,-222 to const. ornam. lighting system in Santa Monica Blvd., bet. Noble Ave. and west city boundary and portions of La Brea Ave. and other streets, in county imp. dist. No. 2. Other bids were: D. S. McEwan, $107,000; Newbery Electric Corp., $111,216; H. H. Walker, $114,685.

SAN DIEGO, Cal.—See "Government Work and Supplies," this issue.

FULLERTON, Cal.—Until 7:30 P. M. April 3, bids will be rec. by city trustees to const. ornam. light sys. compl. in East Brookdale Pl., bet. N. Spadra Rd. and 310 ft. east; West Brookdale Pl., bet. N. Spadra Rd. and N. Highland Ave.; and portions of other streets; 1911 Act. F. C. Hezmalhalch, Clerk.

LA JOLLA, Cal.—Petitions being circulated for lights on Herschel, Wall, Girard, and Prospect Sts.

MACHINERY & EQUIPMENT

AUBURN, Placer Co., Cal.—Until Apr. 4, 8 p. m., bids will be rec. by Mary H. Wallace, city clerk, for fur. one new Fordson Tractor and a track for same. Cert. check 10% payable to city req. **See call for bids under official proposal section in this issue.**

MONTEREY, Monterey Co. Cal.—City trustees authorize purchase of one scarifier and planer from "Spearwell' Machinery Co., at $600, Weight 5000 lbs.

LOS ANGELES, Cal.—Until 3 p. m., Mar. 20, bids will be rec. by public service comm., 207 S Broadway, for two 3-ton truck chassis; one 2½-ton truck chassis. Spec. 650-G.

Separate bids, same date for six ¾ to 1-ton auto truck chassis. Spec. 650-H Jas. P. Vroman, secy.

SACRAMENTO, Cal.—Following bids taken under advisement by City Commission to fur. one direct connected hydro-electric generating unit comprising a water motor direct connected to an electric generator, including certain control auxiliaries for use at Municipal Camp of city at Sayles Flat:

United Iron Works, Oakland item 6 (a) $560; (b) $225; (g) $490.

Latourrette-Fical Co., Sacramento, item 6 (e) $162.85; (f) $243.60.

Pelton Water Wheel Co., San Francisco, item 6 (a) $704; (b) $455; (g) $587.

Farnsworth Electrical Works, San Francisco, item (1) $1889.90; (2) $1469.90; (5) $1625.

General Electric Co., item (1) $772; (2) $420; (3) $882; (4) $632; (5) $153; (6) $273.

WILLOWS, Glenn Co., Cal.—Supervisors reject bids to supply to Rd. Dist. 4, with one portable truck loader, as bids did not comply with specifications. Bids were submitted by: Engineering Products Co.; Meese and Gottfried and West Coast Equip. Co. Baynard Knock, county surveyor.

PASADENA, Cal.—Ingersoll Rand Co. lowest bidder at $56,500 for fur. municipal light dept. surface condenser equipment for turbo generators. C. H. Wheeler Mfg. Co., bid $67,700; Allis-Chalmers Co., $72,650; Westinghouse Co., $75,300.

LOS ANGELES, Cal.—Consolidated Pipe Co., 2440 E. 9th St., awarded contr. by public service comm. for fur. 450 ft. 16-in. No. 12 gauge well casing and three starters at lump sum of $1,-463.85; delivery 5 days; less 2% payment in 10 days.

The bid of Crane Co. for standard wrought black pipe rec. by public service comm. Mar. 9, rejected. The bid was: $41.95 per 100 ft. for 1000 ft. 3-in. pipe; $64.95 per 100 ft. for 3000 ft. 4-in. pipe; $129.65 per 100 ft. for 6000 ft. 6-in. pipe; all f. o. b. Los Angeles.

United Casting Co., Wilson and Violet Sts., awarded contr. by public service comm. for 250 2½-in. single nozzle fire hydrants at $30.75 each; part delivery in 30 days; balance 120 days. All f. o. b. Second and Rose Sts. Keystone Iron & Steel Works bid $44.25 with an alternate of $46.25.

WOODLAND, Yolo Co., Cal.—Winters Dried Fruit Co., Woodland, lets contract for $10,000 addition to plant. Company will install new grader. R. L. Niemann, manager.

SISSON, Siskiyou Co., Cal. — J. F. Mackey, former supt. for Kaiser Construction Co., will establish a concrete products manufacturing plant in Sisson.

TACOMA, Wash. — Pierce County Commission, at public auction, on April 11, will sell following equipment:

1 Austin gas shovel at Springfield; 1 concrete paving mixer at Lakeview; 2 5-ton Mack trucks, 2 75 h. p. Holt caterpillars, 2 12-foot graders, 1 10-foot land leveler. Four latter items are located at Puyallup.

LOS ANGELES, Cal.—Until 10 a. m., April 16, bids will be rec. by harbor comm., 207 S Bdwy., for 200,000 lbs. testing machine. Spec. No. 460. Guy W. Wade, secretary.

SACRAMENTO, Cal.—Until April 20, 2 p. m., bids will be rec. by Harry W. Hall, county clerk, for fur. and del. structural steel machinery and a steel materials for highway bridge over Steamboat Slough and bridge over Sacramento river, near Paintersville. Cert. check 10% payable to Chair. Sups. req. with each bid. Spec. obtainable from County Engineer C. W. Deterding, on deposit of $10, returnable. **See call for bids under official proposal section in this issue.**

SANTA CRUZ, Santa Cruz Co., Cal.—Austin-Western Machinery Co., at $476 awarded cont. by supervisors for purchase of three graders formerly used by Seaside Rd. Dist. and no longer required by county.

PHOENIX, Ariz.—See "Miscellaneous Construction" in this issue.

SEATTLE, Wash.—Until March 30, 10 a. m., bids will be rec. by C. B. Bagley, secy. Bd. of Pub. Wks. for fur. distributing transformers for Lighting Dept. for ensuing year. Cert. check 5% payable to City Comptroller req. with each bid. Spec. obtainable from secretary.

RAILROADS

RICHMOND, Contra Costa Co., Cal.—Pacific Sanitary Mfg. Co., Richmond, seeks permit from council to construct spur track across Crichett Ave. and several closed streets. Taken under advisement.

OMAHA, Neb.—Peterson, Shirley and Gunther, Omaha, at approx. $12,000,-000 awarded cont. by Middle States Oil Co., to construct 330 miles of railroad extending from Casper, Wyo., to Miles City, Montana, via Sheridan. Work will commence April 1. Contract includes the erection of 230 miles of telegraph system, 660 miles of fencing and 50,-000 tons of steel.

TUCSON, Ariz.—James B. Finley, vice pres. So. Pac. Ry., states that actual constr. work will start within 10 days on 100 mi. main line bet. Tepic and La Quemada, Mex. Est. cost, 25,000,000 pesos.

CALIFORNIA—Errickson & Peterson, Monadnock Bldg. San Francisco awarded cont. by Southern Pacific Co., 65 Market St., San Francisco, to const. approx. 10 mi. and to Utah Construction Co., Phelan Bldg., San Francisco, approx. 12 miles of track in vicinity of Truckee, Nevada county. The former contract involves approx. $70,000 cu. yds. excavation and the latter 100,000 cu. yds.

SAN FRANCISCO.—Western Pacific Railroad Co., Mills Bldg., seeks authority of State Railroad Commission to sell $5,600,000 trust certificates to purchase following equipment: 2000 30-ton steel underframe refrigerator cars, 100 steel underframe automobile cars, 6 freight locomotives, heavy Mikado type; 100 logging cars, 20 steel passenger coaches, 8 steel dining cars, 20 steel baggage cars.

OAKLAND, Cal. — Southern Pacific Co., 65 Market St., San Francisco, applies to city council for permit to const. spur track to connect Dutton Ave. line with Durant factory spur, permitting r.r company to handle freight to and from Chevrolet plant at Foothill Blvd. and 37th Ave. over the 104th Ave. spur line. Referred to city eng. W. W. Harmon for report.

GERLACH, Nevada—W. A. Bechtel, 618 Estudillo Ave., San Leandro, awarded cont. by Western Pacific R. R. Co., Mills Bldg., San Francisco, to construct 3 mi. of track in vicinity of W. P. Yards. Construction will be started April 9. Other improvements, details of which are not available at this time, will be undertaken later.

FIRE ALARM SYSTEMS

SACRAMENTO, Cal.—City Commissioners will call election to vote bonds of $25,000 to extend fire and police alarm systems. Albert Givan, City Eng.

SANTA BARBARA, Santa Barbara Co., Cal.—Until March 27, 11 a. m., bids will be rec. by Fred L. Johnston, city manager, for fur. 6 positive non-interfering fire alarm signal boxes. Cert. check 10% payable to Mayor req. Spec. obtainable from office of city mgr.

FIRE EQUIPMENT

TACOMA, Wash.—Until March 29, bids will be rec. by Comm. of Pub. Safety for fur. 4000 ft. double-jacketed woven or knit, rubber lined, cotton, 2½ in. fire hose. Also for 750 ft. stand. 1-in. chemical hose.

SAN JOSE, Santa Clara Co., Cal.—Until March 26, 8 p. m., bids will be rec. by J. J. Lynch, city clerk, for fur. one, two or three automobile chassis suitable for combination chemical and hose wagon service. Chassis to have a factory rated carrying capacity of not less than 1500 lbs. and not more than 4000 lbs. and shall be equipped with 35x5-in. cord tires. Cert. check 10% req. Further information obtainable from clerk.

SACRAMENTO, Cal.—City Commission will call election to vote bonds of $130,000 to purchase fire equipment, in addition to purchasing site and erecting two fire houses. H. G. Denton, City Clerk.

REDWOOD CITY, San Mateo Co., Cal. —City trustees considering offers of three firms to furnish 1000 ft. fire hose successful bidder to accept discarded carts in part payment. W. A. Price, city clerk.

DELANO, Kern Co., Cal.—Bonds of $15,000 voted to purchase fire fighting equipment.

RESERVOIRS AND DAMS

BROWNS VALLEY, Yuba Co., Cal.—Directors of Browns Valley Irrigation District authorize surveys for suitable reservoir site with storage capacity of 15,000 ac. ft. to irrigate 5000 extra acres in district.

WILLITS, Mendocino Co., Cal.—See "Power Plants," this issue.

KESWICK, Shasta Co., Cal.—Construction Co. of North America, Mills Bldg., San Francisco, applies to Federal Power Commission for permit to const. dam and power on Sacramento river near Keswick. Stored water to be used principally for power purposes, but also for sale to farmers and irrigation districts below dam.

SANTA FE SPRINGS, L. A. Co., Cal. —Union Oil Co. has completed surveys for a 750,000 bbl. cement reservoir to be constructed in the Santa Fe Springs field. Work will start at once under direction of Geary Neal, resident engr. The company has under construction 8 cement reservoirs.

PHOENIX, Ariz.—See "Miscellaneous Construction," this issue.

MISCELLANEOUS SUPPLIES

LOS ANGELES, Cal.—Until 3 p. m., April 3, bids will be rec. by public service comm., 207 S Bdwy., for insulated copper wire under Spec. No. P-307-353. Jas. P. Vroman, secy.

SAN FRANCISCO—Until March 27, 12 M, bids will be rec. by B. P. Lamb, secy. Park Commission, Park Lodge, Golden Gate Park, for immediate delivery to muny playground, Great Highway and Sloat Blvd., in quantities as desired, 13,000 lbs., more or less, waterproofing compound, equal to product mfg. by Sandusky cement Co., of Cleveland, Ohio, and listed as "Medusa Waterproofing Compound" Cert. check 10% payable to Bd. of Park Comm. req. Blanks for bidding will be furnished on application.

SAN FRANCISCO—Until March 27, 12 M. bids will be rec. by B. P. Lamb, secy. Park Commission, Park Lodge, Golden Gate Park, for immediate delivery at new muny playground, Great Highway and Sloat Blvd., at times required by commission, 18,000 sacks, more or less, cement. Cert. check 10% payable to Bd. Park Comm. req. Forms for bidding will be furnished on application.

SAN FRANCISCO—Until March 27, 12 M., bids will be rec. by B. P. Lamb, secy. Park Commission, Park Lodge, Golden Gate Park, for fur. as req. at muny Playground, Sloat Blvd. and Great Highway, 80,000 lbs., more or less, hydrated lime, to fulfill test required by city engineer's office. Cert. check 10% payable to Bd. Park Comm. req. Blanks for bidding will be furnished on application.

SAN FRANCISCO.—Edw Soule Co., Rialto Bldg., San Francisco, awarded cont. by Park Commission, for fur. at new municipal playground, Sloat Blvd. and Great Highway, 156,000 lbs., more or less, of ½-in. sq. deformed steel reinforcing bars, 60 ft. lengths.

SAN FRANCISCO—Bode Gravel Co., 235 Alabama St. San Francisco, awarded cont. by Park Commission to fur. 3000 yds. gravel for use on municipal playground project at Great Highway and Sloat Blvd.

See "Government Works & Supplies," this issue.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Further information regarding these opportunities may be had from Foreign and Domestic Trade Bureau, San Francisco Chamber of Commerce, Merchants Exchange Bldg., by referring to index number:

6846—San Francisco, Calif. A large exporter in Denmark of Danish flint pebbles is desirous of making connections with California importers of this commodity.

6847 — Saint Paul, Minn. Gentleman who is leaving within the course of a few weeks for Europe, desires to be put in touch with concerns which desire representation abroad in sales or other capacity. College graduate and selling experience.

6853—Edmonton, Canada. Mine owners are desirous of knowing if there is a market in this city for a good, semi-bituminous coal, suitable for domestic purposes as well as a good steam coal.

D-492 — Detroit, Mich. Inventor of new bandit-proof cashier's cage for banks who is now successfully marketing his product in the East desires to interest local capital in manufacturing and handling this proposition here on the Coast.

D-493—Faulkton, S. D. Inventor of auxiliary radiator for Ford motors desires contact with local manufacturer who can put this radiator on the market.

D-494 — Ukiah, Calif. The city of Ukiah is planning installing an ornamental street lighting system in their business district and wants bids.

CD-48—Mill Valley, Calif. Party with $10,000 to invest desires to have proposition submitted.

CD-49—Frederickton, N. B., Canada. Party with $35,000 to $40,000 to invest, desires meritorious proposition submitted. Would consider purchasing a legal partnership.

CD-50—Bristol, Conn. Party now factory manager of a light hardware and spring factory, desires to enter the manufacturing business in San Francisco and has $5000 to invest.

CD-51—Schnectady, N. Y. Party has $12,000 to invest and is interested in machine shop business.

CD-52—Cincinnati, O. Party who has had executive experience desires to invest $25,000 in a going business.

CD-53—Lowell, Mich. Party desires business opportunities submitted where a man could reasonably expect success with capital of $20,000.

CD-54 — Portland, Ore. Party with $18,000 desires to enter the real estate business or other profitable legitimate enterprise.

CD-55 — Lakewood, O. Young man with capital to invest desires a proposition submitted to him along real estate lines.

CD-56—Berkeley, Calif. A young man with $10,000 desires business opportunities submitted wherein his services can be utilized.

PIPE LINES, WELLS, ETC.

ALHAMBRA, Cal — U. S. Cast Iron Pipe & Fdy. Co., submitted only bid to city trustees at $19,751.72 for 408 ft. 8-in., 7200 ft 6-in. and 19,728 ft. 4-in. cast iron B & S, class B water pipe with class D fittings.

SANTA CRUZ, Santa Cruz Co., Cal.—Until March 27, 9:30 A. M., bids will be rec. by S. A. Evans, City Clerk, for fur. 2,500 ft. 8-in. and 5,000 ft. 4-in. Class B c. i. pipe, bell and spigot joints; pipe not less than 12 ft. lengths. Price to be f. o. b. Santa Cruz. Cert. check 10% payable to city req.

SAN JUAN, San Benito Co., Cal. — Town trustees plan improvements to water system. In addition to other work it is planned to drill several wells.

ROSEVILLE, Placer Co., Cal. — See "Dredging, Harbor Work and Excavations," this issue.

PALO ALTO, Santa Clara Co., Cal.—City council appropriates $1750 to sink 12-in. well in Block 105; work to be done by Western Well Works.

WILLITS, Mendocino Co., Cal.—See "Power Plants," this issue.

ONTARIO, Cal.—Pacific Pipe & Supply Co., 1002 Santa Fe Ave., Los Angeles, awarded contr. by trustees for water pipe as follows: 2500 ft. 4-in. black wrought pipe at $61.40 per 100 ft.; 2500 ft. 2-in. similar type at $19.45 per 100 ft.; 250 ft. ¾-in. galv. wrought pipe at $7.95 per 100 ft. Crane Co. bid $19.45 2-in., $7.95 ¾-in., no bid on 4-in. as spec. submitted a bid on special as had no regular pipe in stock.

MT. VERNON, Wash.—See "Dredging Harbors & Excavations," this issue.

CHEWELAH, Wash. — See "Waterworks," this issue.

TUCSON, Ariz.—See "Waterworks," this issue.

SEWAGE DISPOSAL PLANTS

HOLLISTER, San Benito Co., Cal.—Town trustees will call election to vote bonds to finance const. of sewage disposal system. Revised estimates of cost for same have been submitted by Consulting Eng. Clyde F. Smith, 516 Santa Barbara Rd., Berkeley. Tank, pump house, pipe, fine screen, etc., $29,607; sewer extensions in Line St., $5,000. Approx. $48,000 will be voted to finance construction.

MISCELLANEOUS CONSTRUCTION

SACRAMENTO, Cal.—City Commission votes to call election to vote bonds of $66,000 to finance its cost of constructing subway at 16th St. Total cost $132,000. Issue will also provide $13,000 as city's portion to const. pedestrian subway at 12th St. Albert Givan, city engineer.

SACRAMENTO, Cal.—City Commissioners will call election to vote bonds of $216,000 to finance construction of latest type of garbage destructor. Albert Givan, city eng.

RICHMOND, Contra Costa Co., Cal.—City Eng. H. D. Chapman, in report to council, estimates cost of const. 16th St. subway at $35,000. Taken under advisement.

SAN FRANCISCO—Supervisors postpone action in ordering construction of Duboce tunnel, as recommended by City Eng. M. M. O'Shaughnessy, to provide Sunset District with Municipal car service. The matter will come before the board at its meeting April 16. The project is estimated to cost $2,000,000.

LOS ANGELES, Cal.—City Planning Commission submits resolution to council which would permit the Pacific Electric Railway Co. to establish a subway system with a terminal under Pershing Square, near the center of the business district. The railway company announces it has had preliminary plans prepared for the system to cost approx. $20,500,000.

PHOENIX, Ariz.—Contracts awarded by the Salt River Valley Water Users' Assn., Water Users Bldg., Phoenix, for the new dam and power plant at Mormon Flat, are: cement to Southwest Portland Cement Co., El Paso; generator to Westinghouse Elec. and Mfg. Co., water wheel to S. Morgan Smith; and transformers to Wagner Electric Co. C. C. Cragin, gen. supt. and chief engr. The dam will cost $1,800,000, and will be of single arch conc. type. Construction work will be done by associations' own forces.

MANHATTAN BEACH, Cal.—Standard Oil Co. has purchased 280 acres for a storage farm. Plans are started for 4 reservoirs each to hold 2,000,000 gals.; will be of cement constr. with wood roofs. Construction has been started on a 1,000,000 bbl. reservoir. The roof of the latter will contain 1,000,000 ft. of lumber.

SALINAS, Monterey Co., Cal.—Pacific Tel. & Tel. Co., is assembling crews prior to starting improvement totaling $111,640, consisting of replacement of 1,177 poles; 1,820 cross arms and 176 mi. of iron wire and 362 mi. copper wire. Crews will work under supervision of T. H. Masterson.

WATER WORKS

SACRAMENTO, Cal.—City Commission will call election to vote bonds of $200,000 for water main extensions. Albert Givan, city eng.

EXETER, Tulare Co., Cal.—Until March 28, 7:30 P. M., bids will be rec. by T. E. Awbrey, City Clerk, for fur. and install, deep well centrifugal or direct flow turbine pump and connecting same to water main. Cert. check

POMONA, Cal.—Consolidated Water Co., Pomona, will expend $50,000 to const. water system to serve the Mountain Meadows Golf Club and the Nichols tract in the San Jose hills. There will be two reservoirs with a capacity of 2,000,000 gals., about 10,000 ft. pipe, and a pumping plant.

NEWPORT BEACH, Cal.—See "Sewers and Street" column, this issue.

NAPA, Napa Co., Cal.—Until March 30, 10:30 a. m., bids will be rec. by Mrs. J. W. Parker, San Salvador Union School District, to install deep well water pump and pressure water tank system. **See call for bids under official proposal section in this issue.**

LOS ANGELES, Cal.—Until 3 p. m., March 23, bids will be rec. by public service comm., 207 S Broadway, for five hydrants under Spec. No. 652.

DELANO, Kern Co., Cal.—Bonds of $45,000 voted to finance improvements and extensions to water system. J. S. Bates, eng., Rowell Bldg., Fresno.

TUCSON, Ariz. — City Engr. G. H. Atchley, and R. D. Whitacre, city water supt., report to council on proposed cost of extensions and betterments to the city water distributing system. The cost is set at $700,000 and involves among other items about 55 miles of cast iron pipe of various sizes.

MANTECA, San Joaquin Co., Cal.—City Eng. E. N. Jeffries recommends to city trustees bond election for $82,000 of which $56,500 is to purchase privately owner water system, the balance to finance improvements, as follows: repairs to Sandusky pump at plant, $800; installing of pump, $200; new six-inch centrifugal pump, $1000; new pump house, $2000; new pipe needed for replacement and for extensions, $14,500; new meters and meter boxes, $5750 hydrants, $640.

ONTARIO, Cal.—Johnson Co., Los Angeles, submitted low bid and will probably be awarded contr. by city trustees for one deep well turbine pump. The bid was $6130 on (1) with $6584 on alternate. Layne & Bowler bid (1) $6423, alt., $9325. Byron-Jackson Iron Works, (1) $7230, alt. $——.

TURLOCK, Stanislaus Co., Cal.—Until April 3, 8 p. m., bids will be rec. by A. F. Ferguson, city clerk, for fur. and del. one multi-stage, deep well, turbine pump for city water works. Pump to have capacity of 750 gals. per min. against head of 120 ft. direct connected to 440-volt motor, 6 cycle, 3 phase. Horace C. Hall, city eng. **See call for bids under official proposal section in this issue.**

SAN FRANCISCO—U. S. Elec. Mfg. Co., Rialto Bldg., at $1206 awarded contract by Park Commission for fur. three 3-phase, 440-volt electric motors for operating the pumping unit of the Municipal Golf Links at Lake Merced. One 125-HP, 1750 R. P. M. horizontal motor; one 5-HP, 1800 R. P. M. horizontal motor and three 20 H P 1800 R. P. M. vertical motors.

WASHINGTON, D. C.—See "Government Works & Supplies," this issue.

CHEWELAH, Wash.—Until April 4, bids will be rec. by city clerk for fur. 3000 ft. 8-inch watermain, steel, cast iron and spiral, riveted steel with the necessary connections, flanges and lead for joints, etc.

COMPTON, Cal.—Included in the proposed municipal improvement bond election to be held early this spring is an item of $60,000 for betterments and extensions to the water system.

SANTA BARBARA, Cal.—Included in the municipal bond election ordered by the council is an item of $400,000 for the improvement of the water main system.

WATSONVILLE, Santa Cruz Co., Cal.—Until April 3, 8 p. m., bids will be rec. by city Bd. of Aldermen for labor to install 12-in. water mains in Ford St., pipe to be furnished by city. H. B. Kitchen, city eng.

PLAYGROUNDS & PARKS

MERCED, Merced Co., Cal.—Merced Swimming Tank Assn., has purchased site with 160 ft. frontage in 28th St., bordering on Bear Creek and will construct $6000 swimming tank in addition to tennis and hand-ball courts, shower and dressing rooms, etc. Total est. cost $10,000. Officers of Assn. are: H. S. Shaffer, pres.; Dr. J. L. Mead, treasurer and Stanley Simonson and J. R. Flynn, trustees.

ATWATER, Merced Co., Cal.—Board of Trade has appointed committee to borrow $2100 to finance purchase of site and equip auto camp. B. D. Garlock, secy. of Bd. of Trade.

EUREKA, Humboldt Co., Cal.—Padgett & Kelly, Eureka, at $1275 awarded cont. by Eureka Baseball Club to lay out baseball diamond.

SACRAMENTO, Cal. — City commissioners vote to call election to vote bonds of $20,000 to establish auto camp grounds.

DELANO, Kern Co., Cal.—Bonds of $5000 voted to purchase site for improvement as civic center.

SACRAMENTO, Cal.—City commissioners will call election to vote bonds of $30,000 to purchase and improve park lands and $70,000 to purchase Joyland Park, the latter to be operated as a municipal project. Albert Givan, city eng. and H. G. Denton, city clerk.

RICHMOND, Contra Costa Co., Cal.—Standard Fence Co., 245 Market St., San Francisco, awarded contract by council to erect fencing for tennis courts.

NAPA, Napa Co., Cal.—Until April 2, 7:30 P. M., bids will be rec. by Mrs. J. W. Parker, Clerk, Salvador Union School District, to fur. and erect 1,107 ft. of "Standard Fence Co's. Ellwood, 150-in with 2-strand of heavy barbed wire on top. To be 2-corner and an center post of 8x8 r. w. 10-ft. long; set 4-ft. in conc.; fence posts 4x6-in. r. w., 8-ft. long, set 2-ft. 26-in in ground. About 12-ft. center. Further information obtainable from clerk.

SAN JUAN, San Benito Co., Cal.—Until April 1, bids will be rec. by I. G. Grundel, Architect, to furn. materials and labor to erect memorial monument; est. cost, $1,000. Cert. check 10% req. with each bid. Plans obtainable from architect at San Juan.

SEWERS AND STREET WORK

LOS ANGELES, Cal.—J. M. Derenia, 237 W 83rd St. submitted low bid to Bd. Pub. Wks. at $4954 to const. sewer in Agate St., bet. Johnston St. and Montecito.

J. M. Derenia, 237 W 83rd St., submitted low bid at $3050 to const. Huntington Dr. south bet. Lomitas Dr. and Topaz St.

John Birkich, 180 N Brannick St., submitted low bid at $2678 to const. sewer in 62nd Pl. bet. Vermont Ave. and 85.75 ft. west of Hoover St.

S. Zarubica, 3006 6th Ave., submitted low bid at $1250 to const. sewer in Ambrose Ave., bet. Dracena Dr. and 121.10 ft. east from Vermont Ave.

FRESNO, Fresno Co., Cal.—Thompson Bros., G and Divisadero Sts., Fresno, awarded cont. by council to imp. Lucerne Lane, bet. University and McKinley Aves.; grade, $.054 sq. ft.; 3½-in. asph. conc. base with 1½-in. Warrenite-Bit. surface pavement, $.219 sq. ft.; conc. gutter, $.35 sq. ft.; conc. curb, $.65 lin. ft.; conc. walks, $.23 sq. ft.; 12-in. metal culverts, $5.25 lin. ft.

Thompson Bros. awarded cont. to improve Amador St., bet. H and Van Ness: grade, $.055 sq. ft.; 3½-in. asph. conc. base with 1½-in. Warrenite-Bit. surface pavement, $.219 sq. ft.; conc. gutter, $.35 sq. ft.; conc. curb, $.65 lin. ft.; 6-in. conc. pave for alley approaches, $.23 sq. ft.

Otto W. Baty, Fresno, awarded cont. to const. cem. conc. walks in Howard St., bet. Illinois and Washington Sts.

TURLOCK, Stanislaus Co., Cal.—Until April 5, 7:30 p. m., bids will be rec. by A. P. Ferguson, city clerk, for fur. and del. f. o. b. Turlock, 60 days after award of contract, stand. glazed, cem. bell and spigot sewer pipe of standard strength, as follows: 1400 lin. ft. 10-in., 3000 lin. ft. 8-in. and 6000 lin. ft. 6-in. Horace Hall, city enk. **See call for bids under official proposal section in this issue.**

WHITTIER, Cal.—Independent Paving Co., 321 E 4th St., Long Beach, awarded contract by city trustees at $12,415 to pave Howard St., bet. Pickering Ave. and 1126 west, involv. 31,245 sq. ft. grading at 8c ft.; 31,245 sq. ft. 6-in. conc. paving at 27.62c ft.; 2252 ft. curb at 57c ft. Other bids were: Griffith Co., $12,487.17; Ed. Johnson & Son, Los Angeles, $13,649.79.

Ed Johnson & Son, 268 S Coronado Ave., Los Angeles, awarded contr. at $54,481 to pave Pickering Ave., involv. 182,100 sq. ft. grading at 5c ft.; 182,100 sq. ft. 6-in. conc. paving at 24c ft.; 670 ft. curb at 65c ft.; 6090 sq. ft. walk at 20c ft.; culvert at $24. Other bids were: Southwest Paving Co., $56,098.30; Independent Paving Co., $56,104 21; Geo. H. Oswald, $56,996; Griffith Co., $57,400.39.

ORANGE, Cal.—City Eng. C. C. Bonebrake preparing spec. to pave about 38 city blocks. The work will comprise 7-in. conc. pavement, curbs, and walks.

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We Specialize in rebuilding and repairing contractors' equipment.

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MARTINEZ, Contra Costa Co., Cal.—Until April 2, 8 p. m., bids will be rec. by C. E. Daley, city clerk, to imp. portions of Mason, Estudillo, Castro, Haven, Warren, Arreba, Robinson Sts., etc. grade and pave with asph. conc. base with Warrenite-Bit. surface of various widths and thicknesses; const. conc. curbs and gutters; 4 and 6-in. vit. sewers, storm water inlets; br. and cement manholes. etc. 1911 Act & Bond Act 1915. Cert. check 10% payable to Town req. B. H. Green, city eng.

YUBA CITY, Sutter Co., Cal.—Until April 2, 8 P. M., bids will be rec. by C. C. Kline, City Clerk, to const. sanitary sewer system pumping plant: Item 1, const. pumping plant and fur. and install. materials; Item 2, alt. "A," pipe sewer, for fur. and laying approx. 10,500 ft. conc. pipe sewers and installing flushers, manholes and lampholes; Alt. "B," fur. and laying approx. 10,500 ft. vit. clay pipe sewers, instal., flushers, manholes and lampholes. Plans obtainable from Edw. von Geldern, City Eng., on deposit of $10.

SAN FRANCISCO — Municipal Imp. Co., 112 Lyon St., at $3,968.46 submits low bid to Bd. Pub. Works to extend Rolph St. to Mission St., involv 2846 cu. yds. cut; 460 lin. ft. conc. curb; 5810 sq. ft. asph. conc. pavement; 267 sq. ft. asph. conform pavement; 1900 sq. ft. art. stone walks; 1 br. catchbasin; funds to be derived from Budget Item No. 92. Other bids: Fay Imp. Co., $5,685.65; C. B. Eaton, $4,502.95; M. J. Treacy, $5,212.30; Pacific States Const. Co. $4,563.89; Raisch Imp. Co., $4,191.34. Municipal Imp. Co. low bidder at $11,926.84 to imp. Edna Ave., bet. Joost and Monterey Blvd., involv. 2643 cu. yds. cut; 939 cu. yds. fill; 1605 lin. ft. conc. curb; 12,050 sq. ft. conc. and 8553 sq. ft. asph. conc. pavement; 3 br. catchbasins; 110 lin. ft. 10-in. pipe culvert; 8 wye branches for 12-in. sewer; 100 lin. ft. 12-in. pipe sewer and 370 sq. ft. art. stone walks. Raisch Imp. Co., $11,988.70 submitted only other bid. City Construction Co., Call Bldg., at $7694.22 submits low bid to imp. Bonview Ave. from Eugenia and pt. 450 ft. north, involv. 1192 cu. yds. cut; 185 cu. yds. fill; 1908 sq. ft. asph. conc. pavement; 11,700 sq. ft. conc. pavement; 1003 lin. ft. conc. curb; 3 catchbasins; 45 lin. ft. 10-in. culvert; 20 lin. ft. 8-in. sewer; 380 sq. ft. art. stone walks. C. B. Eaton at $8029.11 only other bidder.

KINGSBURG, Fresno Co., Cal.—City trustees order plans made to complete pave of California St., and for curbs and walks in California St., bet. Lewis and Tenth Ave., and all of south side of Kern St. to city limits in addition to portions of Simpson St., a distance of approx. 15 blocks.

NEWPORT BEACH, Cal. — Election will be held May 10, to vote $200,000 in bonds for improvements on Balboa Island, consisting of sewers, water mains, street lights and a pumping plant, and bridge on the north side of the island.

REDWOOD CITY, San Mateo Co., Cal.—Until April 2, 8 p. m., bids will be rec. by W. A. Price, city clerk, to imp. portions of Jackson Ave., by const. 6-in. vit. sewers; 6 br. manholes; 1 lamphole, 31 6x4-in. vit. wyes also alleys bet Blocks 15 and 18 by const. 6-in. vit. sewers; 4 br. manholes; 32 6x4-in. vit. wyes. 1911 Act. Cert. check 10% payable to town req. Spec. obtainable from C. L. Dimmitt, city eng.

SAN MATEO, San Mateo Co., Cal.—Until April 2, 8 P. M., bids will be rec. by E. W. Foster, City Clerk, to sewer Peninsular Ave. and H St., involv. 2100 lin. ft. 18-in. and 40 lin. ft. 24-in. double strength vit. pipe; 70 lin. ft. 8-in. stand. vit. pipe; 7 catchbasins, 4 manholes and 7 wye drains. 1915 Bond Act. Cert. check 10% payable to city req. G. Stanley Whitehead, City Eng.

SAN FRANCISCO—Until April 4, 3 p. m., bids will be rec. by Bd. Pub. Wks to imp. 48th Ave bet. K and L Sts., involv. 1294 lin. ft. conc. curb; 660 sq. ft. art stone walks; 2400 sq. ft. conc. gutter, 3 br. catchbasins; 65 lin. ft. 10-in. ironstone pipe culvert; 26,493 sq. ft. asph. conc. pavement. Plans obtainable from office of city eng. M. M. O'Shaughnessy, 3rd floor, city hall.

SAN FRANCISCO—Until April 4, 3 P. M., bids will be rec. by Bd. Pub. Wks. to imp. 27th, 28th and 29th Ave., bet. Ulloa and Vicente Sts., involv. 6,101 cu. yds. cut; 1,706 cu. yds. fill; 570 lin. ft. 8-in. vit. pipe sewer; 40 wye branches for 8-in. sewer; 1 br. manhole; 4,800 lin. ft. conc. curb; 10,000 sq. ft. conc. pavement; 86,000 sq. ft. asph. conc. pavement. Est. cost, $40,000. Plans obtainable from office of City Eng. M. M. O'Shaughnessy, 3rd Floor, City Hall.

SAN FRANCISCO—Board of Supervisors authorize completion of Market Street extension project; est. cost, $275,000 of which $150,000 will be repaired for purchase of rights-of-way. Last unit consists of stretch from Ord to Mono Sts., and Caselli Ave. a distance of 2200 ft.

SANTA MONICA, Cal.—Council declares intention to improve streets in the tract bet. Kensington Rd and Central Ave., and Eighth and Highland. John A. Morton, city engr.

SAN FRANCISCO—Until April 4, 3 p. m., bids will be rec. by Bd. Pub. Wks. to const. approx. 67,600 sq. ft. art. stone walks in portions of Anza, Balboa, Cabrillo, Fulton, 15th Ave., etc. etc. Total est. cost $11,500. Plans obtainable from office of city engineer M. M. O'Shaughnessy, 3rd floor, city hall.

SAN FRANCISCO—Bids will be asked by Bd. Pub. Wks. shortly to const. pedestrian walk along Great Highway northerly up Taraval St., to Lincoln Way; est. cost $16,000.

SACRAMENTO, Cal.—City commission will call election to vote bonds of $91,000 to finance const. of sewers; from 53rd and S Sts. along S to Monte Vista tract, thence north to Folsom Blvd., est. cost $25,000; sewer westerly in Fremont Way to Riverside Dr., est. cost $11,000; sewer in 7th St. C to U Sts., est. cost $55,000. Albert Givan, city engineer.

PITTSBURG, Contra Costa Co., Cal.—City trustees order 12 additional blocks of paving in down town section; est. cost $50,000.

OAKLAND, Cal.—Until March 29, 12 M., bids will be rec. by E. K. Sturgis, city clerk, to imp. Bartlett St., bet. Lynde and Davis; grade, pave with oil macadam; conc. curbs and gutters; cem. walks. Cert. check 10% payable to city req. W. W. Harmon, city eng.

OAKLAND, Cal.—Until March 29, 12 M., bids will be rec. by E. K. Sturgis, city clerk, to imp. Arkansas St., bet. Maple Ave. 550 ft. s.e. of Laurel Ave., grade, pave with oil macadam; conc. curbs and gutters; cem. walks; conc. culvert; 2 c. i. inlets and 2 conc. apron walls for culvert. 1911 Act. Cert. check 10% payable to city req. W. W. Harmon, city engineer.

SAN ANSELMO, Marin Co., Cal. — Town Trustees, A. W. Studley, clerk, declares intention to imp. Sequoia Dr., bet. Red Hill Ave. and the intersection of Millbrae and Grove Hill Ave., etc. by const. conc. curbs and gutters; rein. conc. retaining wall; conc. alleys, catch basins, and pipe culverts; grade, pave with asph. macadam. 1911 Act and 1915 Bond Act. Protests April 2. J. J. Jessup, town engineer.

SACRAMENTO, Cal.—City Commission votes to call election to bond for $33,000 to pay for repairs of streets now under improvement and those proposed. Issue will also provide $30,000 to imp. Stockton Blvd. bet. 5th and 14th Aves.; $30,000 to imp. Freeport Blvd. from W. P. crossing to Sutterville Rd.; $11,000 to imp. Franklin Blvd., bet. 6th Ave. and city limits and $22,000 to imp. Folsom Blvd. bet. 53rd and 60th Sts. Albert Givan, City Eng.

SANTA MONICA, Cal.—Geo. J. Bock, Box 162, Palms, submitted low bid to city council at $36,373 to cont. 128,072 sq. ft. cem. walks on Pennsylvania Ave., bet. 14th and 20th Sts.

Kneen Paving Co., Dudley Blk., Santa Monica, submitted low bid to imp. Pacific St., bet. 4th and 6th Sts., at 4.2c sq. ft. grading; 65c ft. curbs, 22c sq. ft. walks.

RED BLUFF, Tehama Co., Cal.—City Eng. W. F. Luning has completed spec. for sewer extensions and bids will be asked shortly.

SAN BERNARDINO, Cal.—See "Power Plants," this issue.

SAN FRANCISCO—Until April 4, 3 P. M., bids will be rec. by Bd. Pub. Wks. to sewer Goettingen St., bet. Woolsey and Dwight Sts., involv. 400 lin. ft. 12-in. vit. pipe sewer; 25 12-in. wye branches; 2 br. manholes. Plans obtainable from office of City Eng. M. M. O'Shaughnessy, 3rd Floor, City Hall.

STOCKTON, San Joaquin Co., Cal.—Until April 3, 11 a. m., bids will be rec. by Eugene D. Graham, county clk., to improve Monte Diablo Ave., in Rd. Dist. No. 1, from Buena Vista Ave. to west levee of Stockton river, involv. 1740 cu. yds. grading; 2920 tons rock in base course and 1170 tons rock in top course; 590 tons dressing for oil covering; 480 tons asphaltic oil. Cert. check 10% payable to Chair. Bd. Sups. req. F. E. Quail, county surv.

NAPA, Napa Co., Cal.—Ray Errington, Napa, at $21,051.21 awarded cont. by council to imp. 3rd St., bet. School and Jefferson, involv. 1679 cu. yds. excavation; 76,231 sq. ft. 6-in. conc. pavement; 5350 pcs. ¾-in. expansion joints; 182 ft. 6-in. sewer; 1 flush hole; 4 side sewers; 7 conc. catchbasins; 6 6x4-in. wyes. Other bids: L. L. Page, $24,764.98; F. A. Mero, $25,060.75; general Construction Co., $24,655.41; G. W. Cushing, $23,963.73; Lisher & Carillo, $22,652.38; Louis J. Kohn, $22,475.97; Lord & Bishop, $26,368.88.

GLENDALE, Cal.—W. J. Curren, 379 W Patterson St., Glendale, submitted low bid to council at $6198 to pave Fernando Ct., involv. 736 lin. ft. grading at 66c ft.; 6,937 sq. f t.macad. paving at 12c ft.; 37 ft. curb at 50c ft.; 7270 sq. ft. walk at 12c ft.; 780 ft. class C cast iron water pipe and services complete, $1275. Other bids were: T. L. Hill, $6590.74; Cornwell and Henderson, $6688.21; E. R. Fleming, $6780.40.

OLYMPIA, Wash.—Until April 10, 10 a. m., bids will be rec. by State Highway Commission, to pave two units of system, south of Kelso, as follows:

4.71 mi. 20-ft. conc. paving bet. Castle Rock and Laughlin's, Cowlitz county.

Paving 5.53 mi. bet. Laughlin's and Neal's, Cowlitz and Lewis counties.

NAPA, Napa Co., Cal.—County Highway Eng. Edw. P. Ball making surveys of Winters road, from Monticello to Devil's Gate, a distance of approx. 8-mi. with a view to rebuilding the stretch.

RIVERSIDE, Cal.—City street dept. awarded cont. by council at $29,585 to pave about 5 mi. of city streets, incl. Palm Ave., Jurupa Ave., Brockton Ave., 14th St., Walnut St. with crushed rock and oil. Lee Natzgar, city engr.

GLENDALE, Cal.—Ducey & Breitenstein, 151 S Hill Ave., Pasadena, submitted low bid to council at $27,709 to pave Doran St., Pacific Ave. and other streets, involv. 3867 lin. ft. grading at 45c ft.; 3219 ft. curb at 50c ft.; 17,089 sq. ft. gutter at 21c ft.; 139,190 sq. ft. 5-in. macad. paving at 12c ft.; 15,770 sq. ft. walk at 15c ft.; 8-in. pipe at $5 ft.; 160 ft. 6-in. pipe at $4.35 ft.; four 1-in. services at $15 each. Other bids were: W. J. Curren $28,591.06; Geo. A. Simpson, $29,074.27; E. R. Fleming, $30,653.15; Cornwell & Henderson $27,709.64.

MERCED, Merced Co., Cal. — Until April 9, 8 p. m., bids will be rec. by W. W. Cornell, city clerk, to const. outfall domestic sewer and outfall storm sewer; either vit. clay pipe, cement, tongue and groove pipe, cement hub and spigot pipe or rein. conc. pipe, inside dia. 24-in. Bids will be considered with any combination of the above pipe. Cert. check 10% payable to Pres. Bd. Trustees req. with each bid. J. F. McSwain, engineer, Merced.

SAN JOSE, Santa Clara Co., Cal.—Until April 16, 11 a. m., bids will be rec. by H. A. Pfister, county clerk, to resurface Story and Tully Bridges in Sup. Dist. 2. Spec. obtainable from clk.

LOS ANGELES, Cal.—Until 10 a. m., April 2, bids will be rec. by Bd. Pub. Wks. to imp. under Vrooman Act, following streets:

Ellsworth St., bet. Tularosa Dr. and Imogen Ave., involv. 4979 sq. ft. walk; 53 cu. yds cut.

San Pedro St., bet. South Park Ave. and Vernon Ave., involv. 262,232 sq. ft. grading; 261,763 sq. ft. asph. paving; 469 sq. ft. 5-in. conc. paving; 218 ft. curb; 93 sq. ft. walk; 10,312 sq. ft. gutter; 1554 ft. hse. sewers, reinf. conc. culvert; 7992 cu. yds. cut.

Bellevue Ave., bet. Micheltorena St. and 95 ft. west, involv. 4750 sq. ft. walk; 50 cu. yds. cut.

Van Ness Ave., bet. Sunset Blvd. and Lemon Grove, involv. 48,616 sq. ft. 6-in. conc. paving; 52,072 Warrenite-Bit. paving on bit. base; 47,580 sq. ft. Warrenite paving on conc. base; 2798 ft. curb; 4622 sq. ft. walk; 5104 sq. ft. gutter; reinf. conc. culvert; san. sewer 390 sq. ft. Warrenite-bit. surfacing on existing base; 6470 cu. yds. excav.

Eighth St., bet. Palos Verdes and Centre Sts., involv. 22,832 sq. ft. asph. conc.; 730 sq. ft. 6.5-in. conc. paving; 1107 ft. curb; 4922 sq. ft. walk; 1176 sq. ft. gutter; 330 ft. hse. sewers; 1820 cu. yds. cut.

Leighton Ave., bet. Harvard Blvd. and Western Ave., involv. 20,345 sq. ft. grading and oiling; 140 ft. curb; 700 sq. ft. walk; 2194 sq. ft. gutter; 115 cu. yds. excav.

Shepard St., bet. Pacific Ave and Gaffey St., San Pedro, innvolv. 2247 sq. ft. 5-in. conc.; 4420 sq. ft. asph. conc. and topeka surface; 2733 ft. curb; 12,451 sq. ft. walk; 2863 sq. ft. gutter; 2950 cu. yds. cut; 72c cu. yd. fill.

TAFT, Kern Co., Cal.—City Eng. Edw M. Lynch has completed spec. to pave portions of North, Fourth and Kern Streets, bids will be asked about April 15.

RICHMOND, Contra Costa Co., Cal.—City council at March 26 meeting will consider plans to imp. Potrero Ave. from 45th St., East to city limits; also for imp. of Maine Ave., bet. 23rd St. and Pullman Ave. Latter imp. will consist of asphaltic concrete or oil macadam pavement. H. D. Chapman, city eng.

RICHMOND, Contra Costa Co., Cal.—Hutchinson Co., 1706 Broadway, Oakland, awarded cont. by council to pave tennis courts.

RENO, Nevada.—Until April 9, 8 p. m. bids will be rec. by J. B. Reese, city clerk, to pave various sts. involv. 573,340 sq. ft. 5-in. asphaltic concrete pavement and 15,954 sq. ft. 2-in. asphaltic conc p.avement. Spec. obtainable from City Eng. Harry Chism on deposit of $5 returnable. **See call for bids under official proposal section in this issue.**

OAKLAND, Cal.—City Council, E. K. Sturgis, clerk, declares intention to imp. 96th Ave., bet. E-14th St. and Foothill Blvd., involv. 227,350 sq. ft. grading! 6962 lin. ft. conc. curb; 13,915 sq. ft. conc. gutter; 116,950 sq. ft. oil macadam pavement; 42,898 sq. ft. cem. walks; 127 lin. ft. 10-ft. wide wooden culvert; 4 wingwalls; 28 lin. ft. 6x20 wood culvert and 697 lin. ft. 8x24 corru. iron and conc. culvert; 18 handholes; 4 storm water inlets; 45 lin. ft. 12-in. and 82 lin. ft. 10-in. pipe conduit. 1911 Act. Protests March 29. W. W. Harmon, city eng.

STOCKTON, San Joaquin Co., Cal.—City council, A. L. Banks, clerk, declares intention to imp. in City Park Terrace, portions of Acacia, Yale, Flora and Pershing Ave.; grade; const. conc. curbs and gutters; conc. walks; pave with 3-in. (after full compression) crushed rock base course with 2-in. (after full compression) asph. conc. surface. 1911 and 1915 Bond Act. Protests April 10. W. B. Hogan, city eng.

FRESNO, Fresno Co., Cal. — Until March 29, 3:00 p. m., bids will be rec. by R. Y. St. George, city clerk, to improve:

Portions of Olive ave., bet. Forthcamp and Harrison by const. cem. conc walks. 1911 Act & Bond Act 1915.

McKenzie Ave., bet. Fresno Ave. and 9th St. by const. cem. conc. curbs and walks. 1919 Act and Bond Act 1915.

Cert. check 10% payable to city req. Wm. Stranahan, city engineer.

SANTA CLARA, Santa Clara Co., Cal.—Town trustees will call election to vote bonds of $70,000 to finance construction of outfall sewer.

FRESNO, Fresno Co., Cal. — City council, R. Y. St. George, clerk, declares intention to imp. alley in Block 392 by const. 6-in. vit. clay pipe sewer from manhole in Yolo St., thence to pt. 425 ft. to conc. manhole to be constructed, incl. placing of 4-in. cu 6-in. wyes for each lot frontage. 1911 Act. Protests April 5. Wm. Stranahan, city engineer.

HANFORD, Kings Co., Cal. — City Council, D. C. Williams, clerk, declares intention to imp. Ivy St., bet. Park and Redington, Redington and Irwin, Irwin and Douty, Douty to Harris and Harris to Brown Sts., grade and pave with 4-in. bit. base with 1½-in. Warrenite-Bit. surface; cem. curbs and gutters; corru. iron and conc. culverts, etc. 1915 Bond Act and 1911 Act. Protests April 2. Ben Duffield, city eng.

SAN BERNARDINO, Cal.—H. H. Lienau, 426 Brookside Ave., Redlands, awarded contr. by council to imp. Orange St., bet. A and B Sts., at 13.5c ft. macad paving; 16c sq. ft. conc. gutters.

SAN GABRIEL, Cal.—Until 7:30 P. M., Mar. 27, bids will be rec. by City Clerk Ira H. Stouffer to imp. Santa Anita St., bet. Mission Dr. and Arroyo Dr.; and McGroarty St., bet. Ramona St. and Santa Anita, involv. 53,000 sq. ft. 4½-i. oil macadam; 2850 ft. curb, and 14,250 sq. ft. walk.

LIVE OAK, Sutter Co., Cal. — Eng. Polk of Chico, selected by town trustees to prepare spec. to pave several streets.

SANTA CRUZ, Santa Cruz Co., Cal.—City James K. James completing spec. to pave Kennan St., full width, for its entire length.

Spec. have been completed and bids will be asked shortly to const. sewer in Alta Avenue.

STOCKTON, San Joaquin Co., Cal.—Until April 10, 10:30 a. m., bids will be rec. by A. L. Banks, city clerk, to imp. portions of Hazelton, E-Scotts, Laurel, Ash, Court, B Sts., et al., grade; const. conc. curbs and gutters; conc. walks; paving with 3-in. (after compression) crushed rock base and 2-in. (after comp.) asph. conc. surface. 1911 Act and Bond Act 1915. Cert. check 10% payable to city req. W. B. Hogan, city eng.

HANFORD, Kings Co., Cal.—As previously reported, California Const. Co., Mattei Bldg., Fresno, and 58 2nd St., San Francisco, at $51,555 awarded cont. by council to imp. portions of W 6th, Phillips and other sts., by grade; pave with 4-in. bit. base cem. gutters; 12 and 18-in. full circle 14-gauge corru. iron storm sewers; rein. conc. and iron catchbasins. Other bids are Valley Paving Co., Visalia, $55,149.60; W. F. Hanrahan, San Francisco, $54,341.50; Thompson Bros., Fresno, $53,828.45.

BERKELEY, Alameda Co., Cal.—City Council, E. M. Hann, clerk, declares intention to grade Cedar St., bet. 3rd and 1st Sts., and const. 2 catchbasins 1911 Act. Protests April 3. C. L. Huggins, city engineer.

LOS ANGELES, Cal. — Independent Paving Co., Long Beach, submits only bid to supervisors to grade and pave with oil and screenings Cerritos Ave., bet. 17th and State Sts., near Long Beach, R. D. I. No. 231, involv. 154 cu. yds. excav., 2580 sq. yds. shaping roadbed, 2580 sq. yds. oil and screenings. Materials required are: 38 tons screening, 1 bbl. No. 90 oil.

VISALIA, Tulare Co., Cal.—Council plans early paving of North and South Willis Sts., west Center St., and portions of S Locust and N Locust Sts. L. H. Gadsby, city engineer.

SANTA BARBARA, Cal.—A. L. Pendola, Santa Barbara, at $40,088 awarded cont. by council to imp. Islay St., involv. grading and paving with 5-in. conc. and 16-in. asph. conc. surface; curbs, gutters, conc. driveways, crossgutters, 6-in. vit. pipe sewers, manholes. J. T. Cornwall awarded contr. at $35,689 20 to pave Canal St.

SAN JOSE, Santa Clara Co., Cal.—Hugh Crummey, San Jose, awarded cont. by council to imp. 7th St., bet. Martha and Keyes, and 6th St., bet. Margaret and Keyes; grade; pave with 3-in. Bithulithic cem. bit. conc. base with 1½-in. Warrenite-Bit. surface; conc. curbs and gutters; art. stone walks; 6 br. catchbasins; 8-in. vit. pipe drains.

San Jose Paving Co., Dupont and San Carlos Sts., San Jose, awarded cont. to imp. Balbach St., bet. Market and Orchard; grade; pave with 3-in. asph. conc. base with 1½-in. asph. conc. surface; hyd. conc. walks.

HANFORD, Kings Co., Cal. — Until April 2, 8 p. m., bids will be rec. by D. C. Williams, city clerk, to imp. Center St., bet. Irwin and Redington and Redington and Keweah Sts., grade; pave with 4-in. bit. base and 1½-in. Warrenite-Bit. surface; cem. curbs and gutters. 1911 Act and Bond Act 1915. Ben Duffield, city eng.

HANFORD, Kings Co., Cal. — City council, D. C. Williams, clerk, plans early imp. of Florinda St., bet. Douty Ave. and 5th St., bet. Brown and West city limits. Ben Duffield, city eng.

BISHOP, Inyo Co., Cal. — Election held to vote bonds to pave streets, failed to carry.

LOS ANGELES, Cal.—B. D. Baucus, 6307 8th Ave., Los Angeles, submits low bid to supervisors at $6760 to imp. Baker Ave., bet. Flora and King Aves., under county imp. No. 10, involv. 915 cu. yds. excav. at $1 yd.; 3320 ft. removing ccrb at 15c ft.; 14,320 ft. removing walk at 5c ft.; 3274 ft. curb at 68c ft.; 12,416 sq. ft. walk at 22c ft.

EUREKA, Humboldt Co., Cal.—City Council, A. W. Kildale, clerk, declares intention to imp. Union St., bet. Cedar and Russ Sts.; grade, cover with 7-in. gravel; const. wooden culverts, gutters, curbs and cross-walks; cem. conc. pipe storm sewer; manholes with vit. drain pipe connections. 1911 Act. Protests March 27. Harry H. Hannah, city eng.

PASADENA, Cal. — Until 10 a. m., Mar. 28, bids will be rec. by city directors to imp:

Corson St., bet. Sierra Bonita Ave. and Tr. No. 1663, with 2-in oiled macadam, const. curb and gutter.

Pico St., bet. Fair Oaks and Raymond Aves., pave with 4-in. macad.; constr. gutter, walk. Bessie Chamberlain, city clerk.

LODI, San Joaquin Co., Cal. — City Eng. L. F. Barzellotti instructed to prepare spec. to pave one mile of streets, 3 blocks of South Stockton St., from end of present pavement to Vine St., and 11 blocks of Washington St., bet. Lodi Ave. and Vine St.

REDWOOD CITY, San Mateo Co., Cal.—Supervisors reject bid of Peterson and Hayward, Burlingame, to const. road to county hospital over Harrison Ave., and bids ordered re-advertised. Bid was $.03 sq. ft. grading; 6-in. water-bound macad pavement, $.24 sq. ft. George A. Kneese, county surv.

VENICE, Cal.—Sander Pearson, 3847 S Broadway, Los Angeles, submitted only bid to city trustees to pave San Juan Ct., bet. 6th and 7th Sts., at 3.5c sq. ft. grading; 22c sq. ft. paving with 4-in. conc.; and for paving Alberta Ave. bet. Center St. and n. w. line lot 12, blk. 11, Short Line Beach Sub., at 3.5c sq. ft. grading; 21.8c sq. ft. paving with 4-in. conc., 20c ft. walk, and 75c ft curb.

OAKLAND, Cal.—City council will provide funds in 1923-24 budget to finance re-paving E-14th St., bet 53rd Ave. and San Leandro city limits, total est. cost $365,000; city of Oakland to pay $100,000; Alameda county, $150,000 and property owners the balance. W. W. Harmon, city eng.

BURLINGAME, San Mateo Co., Cal.—City Eng. C. A. Torello preparing spec. for sewers in Burlingame Hts., Hale sub-divisions, etc. Assessment district will be formed in North Burlingame section to finance work.

SAN DIEGO, Cal.—G. R. Daley, 4430 Boundary St., San Diego, submitted low bid to council to imp. Silverado St., Ivanhoe Ave., and Torrey Rd., involv. 192,016.62 sq. ft. 5-in. cem. conc. paving at 23.8c ft.; 1140.6 ft. curb at 70c ft.; 5746.18 sq. ft. cem. walk at 22c ft.; 590 ft. 6-in. cem. sewer pipe line at $760; 11 6-in. sem. sewer laterals at $38 each; 2 4-in. cem. sewer laterals at $32 each.

STOCKTON, San Joaquin Co., Cal.—City council, A. L. Banks, clerk, declares intention to imp. portions of East Main, A, C, D and E Sts., grade; const. comb. conc. curbs and gutters; con. walks; pave with 3-in. crushed rock base and 2-in. asph. conc. surface; a portion of B St., by grading; const. comb. conc. curbs and gutter; conc. walks; pave with 2"-in. crushed rock base, 2½-in. asph. conc. base and 2-in. asph. conc. wearing surface. 1911 Act and Bond Act 1915. Protests April 10. W. B. Hogan, city eng.

PALO ALTO, Santa Clara Co., Cal.—Until April 3, 8 p. m., bids will be rec. by Frank Kasson, city clerk, to imp. portions of Churchill, Manzanita, Miramonte, Sequoia, Mariposa, Castilleja, Escobita, Madrono, Portola Aves., and El Camino Real: grade; pave with hyd. conc. of various widths and thicknesses; corru. metal culverts with conc. bases; conc. curbs; cem. walks. 1911 Act & Bond Act 1915. Cert. check 10% payable to city req. J. F. Bxybee, Jr., city eng.

GLENDALE, Cal. — Peter L. Ferry, 614 E. Acacia Ave., Glendale, awarded contr. by council at $4726 to pave California Ave. and portions of other sts. with 3-in. macad. and other incidental work.

ALHAMBRA, Cal.—Hickey & Harmon, San Diego, and 1230 Green St., San Francisco, apparently low bidders on Divs. 2, 3, 4 and 5, of the new city sewer system. The prices were: 90c 8-in., $1.10-in., $1.21 12-in., $1.60 15-in., $2.05 8-in., $2.40 20-in., $3.40 24-in. vit. sewer pipe: $1.25 8x4 wyes, $1.70 10x4, $2.25 12x4, $3.10 15x4, $4 18x4, $5 20x4, $8 24x4, $85 each manhole, $95 drop manholes, 150 flush tank, $5 chimney; alt. No. 1, 30-in. vit. segmental block at $6.50 ft.; alt. No. 27-in. vit. sewer at $4.56 ft.

R. H. Downer, 401 16th St., Richmond, apparently low bidder on the San Marino outfall, his bid on that work being $1.60 16-in., $1.85 18-in., $2.30 22-in., $3.55 24-in.; vit. pipe, $8 24-in. class A cast iron pipe; $2 15x4 wyes; $3 18x4; $4 20x4; $5 22x4; $90 manholes.

SANTA BARBARA, Cal.—Until 5 P. M., Apr. 5, bids will be rec. by council to const. 6-in. vit. pipe sanitary sewer in Gillespie St., bet. Micheltorena St. and 435 ft. NW.; 1911 Act. Geo. D. Morrison, City Engr.

VENICE, Cal.—H. D. Churchill Co., 350 Merrick St., Los Angeles, awarded contr. by trustees to const. outfall sewer on Speedway, Horizon and Zephyr Aves., at $2 ea. for catchbasins, $2.72 ft. 12-in. vit. pipe; $2.84 ft. 14-in. pipe; $100 each manholes. Other bids were: M. Simunovich, $4249 (lump sum); Sander Pearson, $5.60 ft. without reference to size.

COMPTON, Cal.—A bond election will be held early this spring to vote on a $25,000 issue for sewers.

REDWOOD CITY, San Mateo Co., Cal.—Until April 16, 10 a. m., bids will be rec. by Eliz. M. Nash, county clerk, to imp. Harrison Ave., from state highway to county hospital near Beresford, 2nd Rd. Dist. Cert. check 10% payable to county req. Spec. on file in office of clerk. Geo. A. Kneese, county clerk.

EUREKA, Humboldt Co., Cal.—Consulting Eng. C. C. Kennedy, Call Bldg., San Francisco, commissioned by city council to formulate a uniform paving program for city and an equitable method of assessing the costs of the improvements against the real property in a uniform system of districts.

SANTA ROSA, Sonoma Co., Cal.—Until April 3, 8 p. m., bids will be rec. by Vida McL Doggett, city clerk, to imp. following sts., under 1911 Act. and Bond Act 1915:

Wilson St., bet. 6th and 9th: grade or fill where necessary; reshape macad. base and pave with 2½-in. bit. conc. base with 1½-in. Warrenite-Bit. surface; conc. curbs and gutters.

"A" St., bet. 5th and 9th sts: grade or fill where necessary; reshape macad. base and pave with 3-in. Warrenite-Bit. laid in 1-course; comb. conc. curbs and guttera.

Cherry St., bet. Mendocino and King, grade or fill where necessary; reshape macad. base and pave with 3-in. Warrenite-Bit. laid in 1-course.

Davis St., bet. 5th and 9th Sts., grade or fill where necessary; reshape macad. base; pave with 3-in. Warrenite-Bit. laid in 1-course; const. conc. curbs and gutters.

Cert. check 10% payable to city req. L. L. Mills, city eng.

SANTA ROSA, Sonoma Co., Cal. — Warren Const. Co., Bacon Bldg., Oakland, awarded contracts by council to imp. sts. as follows:

At $19,820—Benton St., bet. North and Mendocino Ave.; excav. or fill to grade; re-shape present macad. base with 1"-in. Warrenite-Bit surface; conatruct comb. conc. curbs and gutters.

At $14,820—North St., bet. 4th and 14th St.; excav. or fill to grade; reshape present macadam base and by paving with 2½-in. bit. conc. base and 1-in. Warrenite-Bit. surface; comb. conc. curb and gutter.

At $9400—5th St., bet. D and North Sts., grading; re-shape present macad. base and pave with 3-in. Warrenite-Bit. laid in 1-course.

At $7640—Washington St., bet. 5th and 9th Sts., grading; re-shaape present macadam base and pave with 3-in. Warrenite-Bit. surface in 1-course.

At $2986—8th St., bet. B and A Sts., excav. or fill to grade; re-shape present macad. base and pave with 3-in. Warrenite-Bit. laid in 1-course; const. comb. conc. curba and gutters.

SAN JOSE, Santa Clara Co., Cal.—City council, J. J. Lynch, clerk, declarea intention to imp. 6th St., bet. Keyea and Humboldt: grade; pave with 3-in. asph. conc. base with 1½-in. asph. conc. surface; const. conc. guttera.

Intention declared to imp. 7th St., bet. William and Reed: grade; pave with 3-in. bituminous conc. base with 1½-in. Warrenite-Bit. surface; const. 1 br. catchbasin with c. i. c. top; 8-in. vit. pipe drains. 1911 Act and Bond Act 1915. Protests April 16. Wm. Popp, city eng.

OAKLAND, Cal. — Hutchinson Co., 1706 Broadway, Oakland, awarded cont. by council to imp. portions of Plymouth Ave., grade, $.04 sq. ft.; conc. curb, $.75 lin. ft.; conc. gutter, $.25 sq. ft.; oil macadam pavement, $.11 sq. ft.; cem. walks, $.16 sq. ft.; wooden culvert, $.73 lin. ft.

OAKLAND, Cal.—City Council, E. K. Sturgis, clerk, declares intention to improve portion of Brush St.; grade, pave with asph. conc.; const. conc. curba and guttera; 9 br. catchbasins with c. i. tops; vit. pipe conduits, etc. 1911 Act. Protests April 12. W. W. Harmon, city eng.

HANFORD, Kings Co., Cal. — City council, D. C. Williams, clerk, declares intention to imp. Florinda St., bet. Park and Redington: Reding to Irwin and Irwin to Douty: grade; pave with 4-in. bituminous base with 1"-in. Warrenite-Bithulithic surface; cem. curbs and gutters; corru. iron and conc. culverts. 1911 Act and Bond Act 1915. Protests April 9. Ben Duffield, city eng.

MADERA, Madera Co., Cal. — City trustees, W. C. Utter, clerk, declare intention to imp. Yosemite Ave. by grad; const. conc. curbs and gutters; corru. metal and conc. culverts and branches with 2-conc. manholes; pave with 1½-in. Bithulithic wearing surface on 2½-in. bituminous base. 1911 Act and Bond Act 1915. Protests April 5.

REDWOOD CITY, San Mateo Co., Cal.—City Eng. C. L. Dimmitt will prepare apec. to pave Webster St. from north side of Webster St. bridge to Jefferson Ave. Trustees petition to macadamize Redwood Ave., bet. Wood and Sequoia and Sequoia bet. Redwood and Grant Aveas. Trustees contemplate early construction of Finger Ave., sewer. Bids for this latter project were opened last year but bids ran too high.

SANTA ROSA, Sonoma Co., Cal.—City council, Vida McL Doggett, clerk, declarea intention to imp. 7th St. from Washington to B St., exclud. intersection of A St., grade and fill necessary re-shape macadam base and pave with 3-in. Warrenite-Bit. in 1-course; const. comb. conc. curbs and gutters.

Intention declared to imp. Carrillo St., bet. Mendocino and Ripley St.; grade and fill where necessary; reshape macadam base and pave with 3-in. Warrenite-Bithulithic laid in 1-course; const. comb. conc. curb and guttera. 1911 Act. Protests April 17. L. L. Mills, city eng.

SAN DIEGO, Cal.—Plans have been prepared by City Engr. F. A. Rhodes for the following street work:

E St., bet. 16th and 25th Sts., involv. 146,186.88 sq. ft. paving with 1½-in. Warenite-Bit. wearing surface on 2½-in. bitum base; 27.5 lin. ft. cem. curb.

Elm St., bet. Balboa Park and Columbia St., involv. 86,342.92 sq. ft. paving, 3-in. bitum. base and 1½-in. asph. conc. wearing surface; 106 cu. yds. earth excav; 426.7 sq. ft. cem. walk; 80 lin. ft. cem. curb.

Maryland St., bet. Madison and Van Buren Aves., involv. 104,866.8 sq. ft. paving, 3-in. bitum .base and 1½-in. asph. conc. wearing surface; 200.9 sq. ft. cem. sidewalk; 297.5 lin. ft. cem. curb.

ORANGE, Cal.—City Eng. C. C. Bonebrake estimates proposed paving to be undertaken within the next few months totals about 4.5 miles. The pavement will be 7-in. conc. Plans and spec. are being prepared.

WANT MORE BUSINESS?

Larsen Construction Reports—Issued every business day of the year, covering the latest developments of the Pacific Coast construction field. Work projected, bids wanted and contracts awarded for every class of building; street, sewer and highway projects; irrigation work; bridges, dams and harbor improvements; power projects; fire equipment; U. S. Government work; machinery and supplies, etc. etc.

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Contracts Awarded

Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

$1,000 and Over Reported

The following is an index for the contracts for this issue.

No.	Owner	Contractor	Amt.
1006	Cafiero	De Ryana	9000
1007	Bertucci	Carraro	4000
1008	Same	Same	8000
1009	Tiensuu	Kivi	7000
1010	Chartock	Peterson	1500
1011	Schloss	Moller	10000
1012	Voll	Delmarter	3500
1013	Huler	Owner	5850
1014	Hind	Forrest	4000
1015	Same	Same	4000
1016	Same	Same	4000
1017	Same	Same	4000
1018	Brownstone	Art Tile	3325
1019	Reformed Ch	Walters	41500
1020	Ross	Ross	2850
1021	Sbarbaro	Hardy	48000
1022	Loupe	Owner	1000
1023	Garden	Taylor	8000
1024	Petersen	Owner	4000
1025	Monson	Owner	4000
1026	Rincon	Vukicevich	——
1027	Hamill	Owner	12000
1028	Vodden	Owner	6000
1029	Rummelsburg	Owner	17500
1030	Olsen	Olsen	5000
1031	Same	Same	12000
1032	Esposoto	Owner	2000
1033	Ham	Owner	60000
1034	Curtin	McCarthy	27885
1035	Grosman	Owner	2000
1036	Perley	Fetter	1800
1037	Wyllie	Owner	2500
1038	Free	Papenhausen	4000
1039	Borman	Saarl	4000
1040	Mullin	Owner	2500
1041	Storheim	Owner	5900
1042	Kron	Schwarz	6000
1043	Rose	Owner	7000
1044	Polovina	Owner	1500
1045	Leopold	Owner	6000
1046	Murphy	MacMillen	3000
1047	Miller	Moffet	5000
1048	Lindeman	Lindeman	5000
1049	Ghedelovitz	Carlson	19240
1050	Joel	Spargo	19995
1051	Schloss	Moller	9739
1052	Lame	Reedy	8400
1053	Nisbet	Owner	5000
1054	Bacigalupi	Filippis	2000
1055	Gauzert	Merritt	1000
1056	Schmidt	Owner	4000
1057	Stanton	Anderson	12600
1058	Harper	McLeran	4000
1059	Thomas	Wilson	5000
1060	McGillicuddy	Reedy	4000
1061	Roz	Farnocchia	8000
1062	Jones	Jones	3000
1063	Heyman	Powell	1900
1064	Phipps	Hofmeister	1900
1065	Watson	Owner	5000
1066	Johnson	Owner	2000
1067	Rosebrook	Marshall	15000
1068	Jones	Kerner	5000
1069	James	Ennis	4200
1070	Levin	Watts	6200
1071	Carretti	Filippis	2600
1072	Adams	Moren	3000
1073	Garden	Mangels	7818
1074	Same	Same	7165
1075	Iversen	Dahlberg	5200
1076	Ferroggairo	Owner	4500
1077	Danehy	Owner	12000
1078	Crocker	Samuelson	34200
1079	Same	Same	11700
1080	Same	Same	7800
1081	Same	Same	12000
1082	Same	Same	3500
1083	Anzeleo	McCouby	3000
1084	Lindecker	Owner	2300
1085	Miller	Owner	2500
1086	Gilbert	Owner	2000
1087	Gilbert	Owner	2000
1088	Wade	Owner	7000
1089	Thorne	Owner	2000
1090	Cameron	Owner	22000
1091	Baumgarten	Munster	15000
1092	Hamill	Owner	6000
1093	Same	Same	10000
1094	O'Neill	Owner	20000
1095	Ham	Loupe	——
1096	Bender	Malloch	11465
1097	Spreen	Boswall	21500
1098	Cory	Little	12500
1099	Garden	Mangels	7890
1100	Somers	Christiansen	11500
1101	Garden	Mangels	7200
1102	O'Neill	Nelson	36000
1103	Sbarbaro	Hardy	52200
1104	Hayes	Hayes	1400
1105	Petersen	Owner	4000
1106	Fitzgerald	Garin	7500
1107	White	Lovell	3000
1108	Tofanelli	De Martini	6000
1109	Follet	Casty	7000
1110	Wellman	Brumfield	4900
1111	Hamill	Owner	6000
1112	Roma	Owner	7000
1113	Taylor	Adler	36000
1114	Morse	Adler	12000
1115	Luaz	Adler	12000
1116	Ferrero	Morton	20500
1117	Terzina	De Benedetti	12000
1118	Houkins	Owner	11000
1119	Liebman	Owner	35000
1120	Garibaldi	De Benedetti	5200
1121	Baldwin	Thulin	1000
1122	Derby	Carlson	4700
1123	Ohe	Owner	15000
1124	Farish	Owner	1000
1125	York	Owner	17000
1126	Marks	Owner	1750
1127	Frank	Mangels	1000
1128	Mangels	Mangels	6000
1129	Rocca	Meyer	13250
1130	Moody	Healy	18847
1131	Same	Parker	75502
1132	Same	Same	46398
1133	Same	Same	73002
1134	Bernstein	Schulte	8000
1135	Same	Skelly	2016

FRAME FLATS
(1006) E NINTH AVE 150 N California. Two-story and basement frame (2) flats.
Owner—Rachel Cafiero, 1040 Lake St., San Francisco.
Architect—None.
Contractor—De Ryana Constr. Co., Rm. 706 Liberty Bank Bldg., San Francisco. $9000

DWELLING
(1007) W DOLORES 229 S Thirtieth. One-story and basement frame dwelling.
Owner—E. Bertucci, 1555 Dolores St., San Francisco.
Architect—None.
Contractor—G. Carraro, 750 Felton St., San Francisco. $4000

FRAME FLATS
(1008) W DOLORES 198 E Thirtieth. Two-story and basement frame (2) flats.
Owner—E. Bertucci, 1555 Dolores St., San Francisco.
Architect—None.
Contractor—G. Carraro, 750 Felton St., San Francisco. $8000

FRAME FLATS
(1009) S SIXTEENTH 150 W Castro. Two-story and basement frame (3) flats.
Owner—Leo Tiensuu, 275 Clinton Park San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.
Contractor—V. Kivi, 2412 15th St., San Francisco. $7000

DWELLING
(1010) S SILVER AVE 200 E Somerset. One-story and basement frame dwelling.
Owner—M. Chartock, 712 Girard St., San Francisco.
Architect—None.
Contractor—Antone Peterson, 2770 San Bruno Ave., S. F. $1500

FACTORY
(1011) N BRYANT 115 E Fourth. One-story reinforced concrete factory.
Owner—Schloss Mfg. Co., 42 Beale St., San Francisco.
Architect—August Headman, Call Bldg. San Francisco.
Contractor — Fred Moller, 180 Jessie St., San Francisco. $10,000

DWELLING
(1012) E FORTY-FIFTH AVE 160 S Irving. One-story and basement frame dwelling.
Owner—Wm. H. Voll, 576 Sutter St., San Francisco.
Plans by Contractor.
Contractor—C. D. Delmarter, 5510 Geary St., S. F. $3500

DWELLINGS
(1013) NW PARIS 25, 50 and 75 SW Brazil. Three one-story and basement frame dwellings.
Owner—F. W. Huller, 4609 Mission St., San Francisco.
Architect—None. $1950 each

DWELLING
(1014) N BOSWORTH 75 E Milton E 25xN 75. Al work for one-story frame dwelling.
Owner—Alfred E. Hind, % Architect.
Architect—W. G. Hind, 3746 West St., Oakland.
Contractor—Frank S. Forrest, % Archt.
Filed Mar. 16, '23. Dated Mar. 12, '23.
Rustic and roof on.....$1000
Brown coated 1000
Completed 1000
Usual 35 days..... 1000
TOTAL COST, $4000
Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

DWELLING
(1015) NE BOSWORTH & MILTON E 25xN 75. All work for one-story frame dwelling.
Owner—Alfred E. Hind, % Architect.
Architect—W. G. Hind, 3746 West St., Oakland.
Contractor—Frank S. Forrest, % Archt.
Filed Mar. 16, '23. Dated Mar. 12, '23.
Rustic and roof on.....$1000
Brown coated 1000
Completed 1000
Usual 35 days..... 1000
TOTAL COST, $4000
Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

DWELLING
(1016) N BOSWORTH 25 E Milton E 25xN 75. All work for one-story frame dwelling.
Owner—Alfred E. Hind, % Architect.
Architect—W. G. Hind, 3746 West St., Oakland.
Contractor—Frank S. Forrest, % Archt.
Filed Mar. 16, '23. Dated Mar. 12, '23.
Rustic and roof on.....$1000
Brown coated 1000
Completed 1000
Usual 35 days..... 1000
TOTAL COST, $4000
Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

DWELLING
(1017) N BOSWORTH 50 E Milton E 25xN 75. All work for one-story frame dwelling.
Owner—Alfred E. Hind, % Architect.
Architect—W. G. Hind, 3746 West St., Oakland.
Contractor—Frank S. Forrest, % Archt.
Filed Mar. 16, '23. Dated Mar. 12, '23.
Rustic and roof on.....$1000
Brown coated 1000
Completed 1000
Usual 35 days..... 1000
TOTAL COST, $4000
Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

BUILDING
(1018) S JACKSON 124-3 E Franklin E 56-3 x S 127-8¼. Tile wash for building.
Owner—Edgar H. Brownstone and I. R. Kissel, 1540 Polk St., S. F.
Architect—Bliss & Faville, Balboa Bldg San Francisco.
Contractor—Art Tile & Mantel Co., 570 Waller St., San Francisco.
Filed Mar 16, 1923. Dated Mar. 6, 1923.
Monthly payments 75%
Usual 35 days 25%
TOTAL COST, $3325

Bond, $1662; Sureites, Fidelity & Deposit Co. of Maryland; Forfeit, none; Limit, Sept. 1, 1923; Plans and specifications filed.

BUILDING
(1019) 1746-48 POST, ALL WORK for Educational Building.
Owner—Home Mission Board of the Reformed Church in the U. S.
Architect—Jas. W. Plachek, 2014 Shattuck Ave., Berkeley.
Contractor—Walters & Grove, Monadnock Bldg., San Francisco.
Filed Mar. 16, 1923. Dated Feb. 1, 1923.
Excav. & base, walls comp.....$8300
2nd floor in place..... 8300
Rfg. & rough plumbing in..... 8300
Completed and accepted 8300
Usual 35 days 8300
TOTAL COST, actual cost plus 5% total not to exceed $41,500
Bond, none; Sureties, none; Forfeit, none; Limit, none; Plans and specifications filed.

DWELLING
(1020) W FIFTEENTH AVE 125 S Judah. One-story and basement frame dwelling.
Owner—L. S. Ross, 1440 15th Ave., S. F.
Architect—None.
Contractor—D. W. Ross, 180 Jessie St., San Francisco. $2850

FRAME FLATS
(1021) E OCTAVIA 75, 100, 125, 150, 175 and 200 N Chestnut. Six two-story and basement frame (2 in each) flats.
Owner—Sbarbaro-Detjen-Noonan, 3401 Washington St., San Francisco.
Designer—A. M. Hardy, 518 24th Ave., San Francisco.
Contractor — A. M. Hardy, 518 24th Ave., San Francisco. $8000 each

ALTERATIONS
(1022) NO. 38 SANSOME. Plaster and paint front of lofts.
Owner—L. G. Loupe, 115 Sutter St., San Francisco.
Architect—S. Heiman, 57 Post St., San Francisco. $1000

RESIDENCE
(1023) W SAN PABLO AVE 121 N Yerba Buena. Two-story and basement frame residence.
Owner—Garden Homes Co. (a Cptn.), 278 Post St., San Francisco.
Architect—Meyer & Johnson, Bankers' Invst. Bldg., San Francisco.
ContractorTaylor & Jackson, 290 Tehama St., San Francisco. $8000

DWELLING
(1024) N PARK 135 W Andover. One-story and basement frame dwlg.
Owner—W. C. Peterson, 2060 Ellis St., San Francisco.
Plans by Owner. $4000

DWELLINGS
(1025) E THIRTY-FOURTH AVE 200 and 25 S Anza. Two one-story and basement frame dwellings.
Owner—R. Monson, 532 Waller St., San Francisco.
Architect—H. C. Baumann and Edw. Jose, 251 Kearny St., San Francisco. $2000 each

ADDITION
(1026) S FEDERAL 325 W First. Three-story and basement reinforced concrete addition to warehouse, 87-6x80.
Owner—Rincon Warehouse Co., 268 Lee St., Oakland.
Engineer—W. H. Ellison, 369 Pine St., San Francisco.
Contractor—Vukicevich & Bagge, 180 Jessie St., S. F. $——

DWELLINGS
(1027) W FORTY-SECOND AVE 100 and 300 N Balboa. Two one-story and basement frame dwellings.
Owner — Thos. Hamill, 6140 Geary St., San Francisco.
Architect—None. $6000 each

DWELLING
(1028) S CABRILLO 92-6 E Funston Ave. Two-story and basement frame dwelling.
Owner—Walter G. Vodden, 760 Cole St., San Francisco.
Architect—None. $6000

STORES
(1029) S GEARY 53-4 E Twenty-first Ave., One-story frame stores
Owner—S. Rummelsburg, % Architect.
Architect—C. O. Clausen, Hearst Bldg., San Francisco. $17,500

DWELLING
(1030) E TWENTY-FIRST AVE 175 N Judah N 25xE 120. All work for two-story and basement frame dwelling.
Owner—Amanda A. Olsen, 360 Granada Ave., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Olaf Olsen, 360 Granada Ave., San Francisco.
Filed Mar. 17, '23. Dated Feb. 20, '23.
Enclosed and roof on.....$1250
Brown coated 1250
Completed and accepted..... 1250
Usual 35 days..... 1250
TOTAL COST, $5000
Bond, none. Limit, 90 days after Feb. 21. Forfeit, plans and specifications, none.

DWELLINGS
(1031) LOTS 5, 6 AND 7 BLK 'O' Mission Terrace. All work for three one-story and basement frame dwellings.
Owner—Amanda A. Olsen, 360 Granada Ave., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Olaf Olsen, 360 Granada Ave., San Francisco.
Filed Mar. 17, '23. Dated Feb. 27, '23.
Enclosed and roof on.....$3000
Brown coated 3000
Completed and accepted..... 3000
Usual 35 days..... 3000
TOTAL COST, $12,000
Bond, none. Limit, 90 days after Feb. 28, 1923. Forfeit, plans and specifications, none.

FRAME FLATS
(1032) W RAILROAD AVE 53-2 N Revere. Two-story frame store and (2) flats.
Owner—Esposto Bros., 4432 3rd St., San Francisco.
Architect—None. $20,000

APARTMENTS
(1033) S O'FARRELL 109 E Van Ness. Four-story and basement Class C concrete (23) apartments.
Owner—L. B. Ham, 105 Montgomery St., San Francisco.
Architect—None. $60,000

APARTMENTS
(1034) NE EIGHTEENTH AND NOE. Three-story frame store and (8) apartments.
Owner—James M. Curtin, 821 Douglas St., San Francisco.
Architect—E. M. Essmann.
Contractor — James McCarthy, 430 Eureka St., S. F. $27,885

DWELLING
(1035) W LONDON 75 S Brazil. One-story and basement frame dwlg.
Owner—W. E. Grosman, 51 Curtis St., San Francisco.
Architect—None. $2000

REPAIRS
(1036) NO. 3166 SIXTEENTH ST. Repair fire damage to stores.
Owner—A. E. Perley, 240A Dolores St., San Francisco.
Architect—None.
Contractor—F. Fetter, 301 Guerrero St., San Francisco. $1800

FACTORY
(1037) SW CLYDE 117-6 NW Townsend. One-story frame range factory.
Owner—John Wyllie, 24 Clyde St., San Francisoo.
Plans by Owner. $2500

DWELLING
(1038) E TWENTY-SECOND AVE 350 N Fulton. One-story and basement frame dwelling.
Owner—Mr. & Mrs. Henry C. Free, 250 Hugo St., San Francisco.
Architect—Walter C. Falch, Hearst Bldg., San Francisco.
Contractor—H. Papenhausen, 532 3rd Ave., San Francisco. $4000

DWELLING
(1039) W CHARTER OAK AVE 250 N Thornson. One-story and basement frame dwelling.
Owner—G. A. Borman, 444 Charter Oak Ave., San Francisco.
Architect—None.
Contractor—S. Saari, 155 Brussels Ave., San Francisco. $4000

DWELLING
(1040) W CORBETT AVE 180 E Danvers. One-story and basement frame dwelling.
Owner—Frank D. Mullen, 463 Pacific Bldg., San Francisco.
Architect—N. W. Sexton, 1607 Chronicle Bldg., S. F. $2500

FRAME FLATS
(1041) W TWENTIETH AVE 200 N Fulton. Two-story and basement frame (2) flats.
Owner — M. P. Storheim, 201 Caselli Ave., San Francisco.
Architect—None. $5900

FRAME FLATS
(1042) S TWENTIETH AVE 250 N Geary. Two-story and basemnt frame (2) flats.
Owner—Essey Kron, 1656 Jackson St., San Francisco.
Architect—None.
Contractor — Chas. Schwarz, 1440A Hyde St., S. F. $6000

FRAME FLATS
(1043) W JONES 60 N Pacific. Two-story and basement frame (4) flats
Owner — Hyman Rose, 814 Claus Spreckels Bldg., San Francisco.
Architct—None. $7000

DWELLING
(1044) W ARLETA 150 N San Bruno Ave. One-story and basement frame dwelling.
Owner—Sam Polovina, 29 Arleta St., San Francisco.
Architect—None. $1500

FRAME FLATS
(1045) S ANZA 102 W Fourteenth Ave Two-story and basement frame (2) flats.
Owner—Mrs. Ray Leopold.
Architect—S. Heiman, 57 Post St., San Francisco. $6000

DWELLING
(1046) E THIRTY-FIFTH AVE 175 N Anza. One-story and basement frame dwelling.
Owner—H. B. Murphy, 539 45th Ave., San Francisco.
Architect—None.
Contractor—R. S. K. MacMillen. $3000

ADDITION
(1047) NO. 3043 CLAY. Add rooms to residence.
Owner—Alys Miller, Premises.
Architect—F. G. Bangs, 1st National Bank Bldg., San Francisco.
Contractor—G. L. Moffet, 519 California St., San Francisco. $5000

DWELLING
(1048) E TWENTY-FOURTH AVE 85 S Cabrillo. One-story and basement frame dwelling.
Owner—H. O. Lindeman, 619 27th Ave., San Francisco.
Designer—W. R. Lindeman.
Contractor—W. R. Lindeman, 530 Balboa St., San Francisco. $5000

APARTMENTS
(1049) N SUTTER 104 W Webster 24x75. All work for three-story and basement frame store and apartments.
Owner—B. Ghedelovitz.
Architect—J. C. Hladik, 381 Bush St., San Francisco.
Contractor—O. E. Carlson, 180 Jessie St., San Francisco.
Filed Mar. 19, '23. Dated Feb. 14, '28.
Frame up $3000
Roof on and plumbing and electric work roughed in..... 3000
Brown coated 3000
White coated 2430
Completed and accepted..... 3000
Usual 35 days..... 4810
TOTAL COST, $19,240
Bond, $9620. Sureties, E. V. Lacoy and L. S. Haas. Limit, 90 days. Forfeit, none. Plans and specifications filed.

STORE BLDG.
(1050) SE FILLMORE AND ELLIS — 71 S 83 W 71 N 83. All work for one-story Class C store building.
Owner—The Joel Investment Co., Mills Bldg., San Francisco.
Architect—Reid Bros., 105 Montgomery St., San Francisco.
Contractor — John Sparge, 235 Montgomery St., San Francisco.

Filed Mar. 19, '23. Dated Mar. 14, '23.
On 5th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $19,995
Bond, $9997. Surety, Union Indemnity Co. Limit, 90 days. Forfeit, $40. Plans and specifications filed.
NOTE—Permit reported Mar. 16, 1923 No. 985.

BUILDING
(1051) NW BRYANT 115 NE Fourth NE 60xNW 80. All work for one-story Class C reinforced concrete building.
Owner—Schloss Mfg. Co., 42 Beale St., San Francisco.
Architect—August G. Headman, Call Bldg., San Francisco.
Contractor—Fred Moller, 180 Jessie St., San Francisco.
Filed Mar. 19, '23. Dated Mar. 19, '23.
All forms and reinforcing steel in place & ready for pouring.$2334
All concrete poured..... 2334
Completed and accepted..... 2636
Usual 35 days..... 2435
TOTAL COST, $9739
Bond, $4879. Sureties, Geo. H. Appman and F. K. McComber. Limit, 45 days. Forfeit, none. Plans and specifications filed.

FRAME FLATS
(1052) W SAN JOSE AVE. bet. 23rd and Alvarado Sts. All work for two-story frame building, flats.
Owner—Joseph A. and Emilie Lame.
Architect—None.
Contractor—Wm. M. Reedy, 267 Ellsworth St., San Francisco.
Filed Mar. 19, '23. Dated Mar. 17, '23.
Completion of frame.....$2100
Completion of plastering..... 2100
Completed and accepted..... 2100
Usual 35 days..... 2100
TOTAL COST, $8400
Bond, $4200. Sureties, Wm. M. Ready and H. S. Thomson. Limit, 90 days. Forfeit, $10. Plans and specifications filed.

ALTERATIONS
(1053) NO. 210-212 BRODERICK ST. Remodel (2) flats for (4) apartments.
Owner—Miss M. L. Nisbet, 1306 Guerrero St., San Francisco.
Architect—None. $5000

ALTERATIONS
(1054) N UNION 40 E Jones. Move and underpin dwelling; concrete flooring, etc.
Owner—A. Bacigalupi, 998 Union St., San Francisco.
Architect—None.
Contractor—V. Filippis, 1527 Powell St., San Francisco. $2000

ALTERATIONS
(1055) NO. 5800 GEARY. New store front; plaster exterior of flat.
Owner—Mrs. M. Gauzert, 5802 Geary St., San Francisco.
Architect—None.
Contractor—Geo. M. Merritt Bldg. Co., 3014 Geary St., S. F. $1000

DWELLINGS
(1056) N CORBETT AVE opp Hattie, and N CORBETT AVE 212-4½ W Ord. Two one-story and basement frame dwellings.
Owner—John C. Schmidt, 1545 Treat Ave., San Francisco.
Architect—None. $2000 each

FRAME FLATS
(1057) E ASHBURY 25 S Fulton. Two story and basement frame (2) flats
Owner—James M. Stanton, 1498 Fulton St., San Francisco.
Architect—None.
Contractor—S. R. Anderson, 4002 22nd St., San Francisco. $12,600

DWELLING
(1058) E MIRAMAR AVE 292 S Eastwood Drive. One-story and basement frame dwelling.
Owner—Milton G. Harper, 216 4th Ave., San Francisco.
Designer—R. McLeran & Co., Hearst Bldg., San Francisco.
Contractor—R. McLeran & Co., Hearst Bldg., S. F. $4000

DWELLING
(1059) SW WESTWOOD DRIVE AND Wildwood Way. One-story and basement frame dwelling.
Owner—Mr. and Mrs. Thomas.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.
Contractor—Wilson & Benson, 336 Ashton Ave., San Francisco. $5000

DWELLING
(1060) NE SANTA MARIA & PROSpect Ave. Two-story and basement frame dwelling.
Owner—Mrs. Chas. McGillicuddy, 1480 Church St., San Francisco.
Architect—None.
Contractor—Wm. M. Reedy, 267 Ellsworth St., S. F. $4000

FRAME FLATS
(1061) NW GREENWICH AND MONTgomery; N Greenwich 40 W Montgomery. Two two-story and basement frame (2) flats.
Owner—T. P. Roz, 671 Union St., S. F.
Architect—Louis Mastropasqua, 580 Washington St., San Francisco.
Contractor—G. Farnocchia & Co., 1812 Powell St., San Francisco.
$5000 and $3000 respectiveley.

STORE
(1062) SE BALBOA AND FORTYfifth Ave. One-story and basement frame store.
Owner—Patrick Jones, 277 16th Ave., San Francisco.
Architect—None.
Contractor—Thos. M. Jones, 3767 Army St., San Francisco. $3000

DWELLING
(1063) E FORTY-EIGHTH AVE 32-6 S Quintara. One-story and basement frame dwelling.
Owner — Oscar Heyman & Bro., 742 Market St., San Francisco.
Architect—None.
Contractor—W. Powell, 742 Market St., San Francisco. $1900

ADDITION
(1064) S CLIPPER 150 W Diamond. Sun porch and bed room addition and remodel for (2) flats.
Owner—Chas. Phipps, 815 Clipper St., San Francisco.
Architect—None .
Contractor—H. C. Hofmeister, 3156 22d St., San Francisco. $1900

FRAME FLATS
(1065) W SEVENTEENTH AV.. 175 N Fulton. Two-story and basement frame (2) flats.
Owner—G. E. Watson, 280 17th Ave., San Francisco.
Architect—None. $5000

DWELLING
(1066) N ARMY 293-5 W Sanchez. One story and basement frame dwlg.
Owner—Thomas Johnsen, 561 Clipper St., San Francisco.
Architect—None. $2000

APARTMENTS
(1067) S GEARY 107-6 E Second Ave Three-story frame (4) apartments and stores.
Owner—Mrs. Dolores Barry.
Architect—Guy Lynn Rosebrook, 1424 Franklin St., Oakland.
Contractor — Alex Marshall, 1424 Franklin St., Oakland. $15,000

RESIDENCE
(1068) S TWENTY-SECOND 60 E Chattanooga 25x106. All work for one-story and basement residence.
Owner—W. H. and Mrs. M. A. Jones.
Architect—None.
Contractor—J. H. Kerner.
Filed Mar. 20, '23. Dated Mar. 20, '23.
35 days after completion.....$5000
TOTAL COST, $5000
Bond, none. Limit, 100 days. Forfeit, plans and specifications, none.

RESIDENCE
(1069) N WALLER bet. Stanyan and Shrader 27-6x87-6 adj. No. 1728 Waller St. All work except painting, water heater, window shades and electric fixtures for one-story and basement residence.
Owner—Wm. James, 1728 Waller St., San Francisco.
Architect—Erle J. Osborn, Balboa Bldg. San Francisco.
Contractor—F. Ennis, 620 Post St., San Francisco.
Filed Mar. 20, '23. Dated Mar. 15, '23.
Frame and roof finished.....$1060
Rough plaster on..... 1050
Completed and accepted..... 1050
Usual 35 days..... 1050
TOTAL COST, $4200
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

BUILDING
(1070) NW JACKSON AND LAGUNA W 55xN 127-8¼. Electrical work for eight-story and basement Class B reinforced concrete building.
Owner—Jos. E., Elsie K., S. and Ray Levin, Humboldt Bank Bldg., S. F.
Architect—C. A. Meussdorffer, Humboldt Bank Bldg., San Francisco.
Contractor—Watts Electric Co., Inc., 389 4th St., San Francisco.
Filed Mar. 20, '23. Dated Mar. 8, '23.
On or before 2d of each month 75%
Usual 35 days..... 25%
TOTAL COST, $6200
Bond, $3100. Sureties, Chas. A. McKenzie and Grace P. Watts. Limit, as fast as possible. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(1071) N LOMBARD No. 1924 Lombard rear front S side Magnolia Ave 82-6 W Buchanan bet. Buchanan and Webster. All work except painting and hardware and cement work for alterations to building.
Owner—A. Carretti, 1901 Jackson St., San Francisco.
Architect—None.
Contractor — V. Filippis, 1527 Powell St., San Francisco.
Filed Mar. 20, '23. Dated Mar. 9, '23.
Ready for brown coat.....$650
Rough plumbing and electric wiring done and brown coated 650
Usual 35 days..... 650
TOTAL COST, $2600
Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(1072) NO. 53 SANCHEZ. All work for altering two-story and basement frame building.
Owner — Mrs. Louise Adams, 151 24th Ave., San Francisco.
Architect—None.
Contractor—George R. Moren, 125 Falcon Ave., San Francisco.
Filed Mar. 20, '23. Dated Mar. 20, '23.
Basement floor and all exterior work completed $1000
Ready for painting..... 1000
On completion 1000
TOTAL COST, $3000
Bond, none. Limit, June 15, 1923. Forfeit, none. Plans and specifications filed.

RESIDENCE
(1073) LOT 29 BLK 22 St. Francis Wood Extn No. 2. All work for two-story and basement frame residence with garage.
Owner—Garden Homes Co., 278 Post St., San Francisco.
Architect—Chas. F. Masten and Lester W. Hurd.
Contractor—Mangels Bros., 4792 Mission St., San Francisco.
Filed Mar. 20, '23. Dated Mar. 16, '23.
Frame up $1954.50
Brown coated 1954.50
Completed and accepted..... 1954.50
Usual 35 days..... 1954.50
TOTAL COST, $7818.00
Bond, $39009. Sureties, Theresa Garma and John A. F. Steimke. Limit, 120 days. Forfeit, $5. Plans and specifications filed.

DWELLING
(1074) LOT 16 BLK 23, St. Francis Wood Extn. No. 2. All work for frame dwelling.
Owner—Garden Homes Co., 278 Post St., San Francisco.
Architect—Earle B. Bertz, 168 Sutter St., San Francisco.
Contractor—Mangels Bros., 4792 Mission St., San Francisco.
Filed Mar. 20, '23. Dated Mar. 16, '23.
Frame up $1791.25
Brown coated 1791.25
Completed and accepted..... 1791.25
Usual 35 days 1791.25
TOTAL COST, $7165.00
Bond, $3582.50. Surties, Theresa Gamma and John A. F. Steimke. Limit, 120 days. Forfeit, $5. Plans and specifications filed.

BUNGALOW
(1075) E TWENTY-THIRD AVE 225 S Taraval 25x120. All work for five-room bungalow.
Owner—Chester A. Iversen, 1539 10th Ave., San Francisco.
Architect—None.

Contractor—Dahlberg & Peterson. 330 Moraga St., San Francisco.
Filed Mar. 20, '23. Dated Mar. —, '23.
Frame up ..... ¼
White coated ..... ¼
Completed and accept..ed..... ¼
Usual 35 days..... ¼
TOTAL COST, $5200
Bond, none. Limit, 90 days. Forfeit, uone. Plans and specifications filed.

APARTMENTS
(1076) E JONES 100 S Sutter. Six-story and basement reinforced concrete (32) apartments.
Owner—A. J. Ferroggairo, 584 Vallejo St., San Francisco.
Designer—Woodworth Wethered, 755 Mission St., S F $45,000

FRAME FLATS
(1077) E EIGHTH AVE 287 N Clement. Two-story and basement frame (4) flats
Owner—David Danehy, Architect.
Architect—C. O. Clausen, Hearst Bldg., San Francisco. $12,000

DWELLINGS
(1078) SE VIENNA AND AMAZON.
W ATHENS 125 & 162-5 N Geneva.
W ATHENS 264 and 295 N Geneva.
W ATHENS 200 and 232 N Geneva.
W ATHENS 34.25 and 66.25 S Amazon. Nine one-story and basement frame dwellings.
Owner—Crocker Est. Co., 525 Crocker Bldg., San Francisco.
Architect—None.
Contractor—A. M. Samuelson, 290 Rolph St., S. F. $3800 each

DWELLING
(1079) N GENEVA 75 E Athens.
N GENEVA 25 W Moscow.
N GENEVA 75.35 W Madrid.
Three one and one-half-story and basement frame dwellings.
Owner—Crocker Est. Co., 525 Crocker Bldg., San Francisco.
Architect—None.
Contractor—A. M. Samuelson, 290 Rolph St., S. F. $3900 each

DWELLINGS
(1080) S AMAZON 25.42 E London.
SW AMAZON AND ATHENS AVE.
Two one-story and basement frame dwellings.
Owner—Crocker Est. Co., 525 Crocker Bldg., San Francisco.
Architect—None.
Contractor—A. M. Samuelson, 290 Rolph St., S $3900 each

DWELLINGS
(1081) E ATHENS 153.92 and 178.92 S Amazon.
S AMAZON AVE 50-6 and 75.58 E London. Four one-story and basement frame dwellings.
Owner—Crocker Est. Co., 525 Crocker Bldg., San Francisco.
Architect—None.
Contractor—A M. Samuelson, 290 Rolph St., S. F. $3000 each

DWELLING
(1082) N ROLPH 25.77 W Naples. One story and basement frame dwlg
Owner—Crocker Est. Co., 525 Crocker Bldg., San Francisco.
Architect—None
Contractor—A. M. Samuelson, 290 Rolph St., S. F. $3500

STORE
(1083) S OCEAN AVE 25 E Brighton. One-story frame store.
Owner—C. Anzeleo, 1117 Ocean Ave., San Francisco.
Architect—Mr Cantrell, Chronicle Bldg., San Francisco.
Contractor — McCouby & Weber, 247 Granada Ave., S. F. $3000

DWELLING
(1084) NW BRITTAN 150-8 S Visitacion. One-story and basement frame dwelling.
Owner—Wm J Lindecker, 119 Loehr St. San Francisco.
Plans by Owner. $2300

DWELLING
(1085) W HARROLD AVE 250 N Grafton. One-story and basement frame dwelling.
Owner—Robert Miller, 5637 California St., San Francisco.
Architect—None. $2500

DWELLING
(1086) N ARLETA 25 E Delta. One-story and basement frame dwlg.
Owner—E. C. Gilbert, Arleta and Delta Sts., San Francisco.
Architect—None. $2000

DWELLING
(1087) NE ARLETA AND DELTA. One-story and basement frame dwelling.
Owner—E. C. Gilbert, Premises.
Architect—None. $2000

FRAME FLATS
(1088) E FIFTEENTH AVE 175 S Cabrillo. Two-story and basement frame (2) flats.
Owner—E. J. Wade, 2448-B Fulton St., San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco. $7000

DWELLING
(1089) N HALE 250 E Merrill. One-story nd basement frame dwelling
Owner—J. F. Thorne, 518-B Jersey St., San Francisco.
Architect—None. $2000

APARTMENTS
(1090) N VALLEJO 117-6 W Steiner. Three-story and basement frame (6) apartments.
Owner—Cameron & Disston, Hearst Bldg., San Francisco.
Architect—Edward E. Young, 2002 California St., San Francisco. $22,000

RESIDENCE
(1091) E TENTH AVE 233-4 S Anza. Two-story and basement frame residence.
Owner—Baumgarten Bros., 1344 McAllister St., San Francisco.
Architect—None.
Contractor—Munster & Bornholdt, 1530 Broderick St., S. F. $15,000

FRAME FLATS
(1092) S CLEMENT 25 E Twenty-ninth Ave. Two-story and basement frame (2) flats.
Owner—Thos. Hamill, 6140 Geary St., San Francisco.
Architect—None. $6000

FRAME FLATS
(1093) SE TWENTY-NINTH AVE & Clement. Two-story and basement frame (4) flats.
Owner—Thos. Hamill, 6140 Geary St., San Francisco.
Architect—None. $10,000

SHOP
(1094) N FOLSOM 343-9 W Fourth. One-story and part two-story Class C Machine shop.
Owner—Daniel O'Neill, 273 Minna St., San Francisco.
Architect—J. E. Krafft & Sons, Phelan Bldg., San Francisco. $20,000

APARTMENTS
(1095) S O'FARRELL 109 E Van Ness Ave. E 30xS 120. All work for Class C apartment building.
Owner—L. B. and Helen M. Ham, 105 Montgomery St., San Francisco.
Architect—A. M. Bowser, Hearst Bldg., San Francisco.
Contractor—Lester G. Loupe, 125 Sutter St., San Francisco.
Filed Mar. 21, '23. Dated Mar. 7, '23.
TOTAL COST, $——
Bond, limit, forfeit, none. Plans and specifications filed.

FRAME BLDG.
(1096) N BALBOA 95 W Fourth Ave. N 100xW 25. All work except painting, shades and light fixtures for three-story and basement frame building.
Owner—John J. and Emma Bender, 239 Balboa St., San Francisco.
Architect—E. A. Neumarkel, 644 Market St., San Francisco.
Contractor—J. S. Malloch, 180 Jessie St., San Francisco.
Filed Mar. 21, '23. Dated Mar. 21, '23.
Frame up $2868
Inside plaster on..... 2866
Completed and accepted..... 2866
Usual 35 days..... 2867
TOTAL COST, $11,465
Bond, $5740. Sureties, Arthur Elvin and Adam Arras. Limit, 90 days. Forfeit, none. Plans and specifications filed.

FRAME FLATS
(1097) E TWENTY-SEVENTH AVE 100 S Clement. Two-story frame flats.
Owner—Wm. Spreen Jr., 2nd Ave and Clement St., S. F.
Architect — W. C. Boswall, 2764 McAllister St., San Francisco.
Contractor—Wallace C. Boswall, 2764 McAllister St., San Francisco.
Filed Mar. 21, '23. Dated Mar. —, '23.
Frame up $3000
Brown coated 2125
Standing finish on..... 2125
Completed and accepted..... 2125
Usual 35 days..... 2125
TOTAL COST, $12,500
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

FLATS
(1098) E TWELFTH AVE 175 S Cabrillo S 25xE 120. All work for 1-story frame bldg. (flats).
Owner—Lily J. Cory.
Architect—None.
Contractor—John Little & Son, 1035 Lincoln Way, San Francisco.
Filed Mar. 22, 1923. Dated Mar. 21, 1923.
Frame up $3125
Brown coated and rough plumbing in 3125
Completed and accepted 3125
Usual 35 days 3125
TOTAL COST, $12,500
Bonds, Sureties, Forfeit, none; Limit, 90 days; Plans and specifications filed.

RESIDENCE
(1099) LOT 12 BLK 21 RESUB BLKS 18 and 21 Ptn Blk 19 & Lots P, Q, R, S, St. Francis Wood Extn. No. 2. All work for 2-story and basement frame residence.
Owner—Garden Homes Co., 278 Post St., San Francisco.
Architect—Chas. F. Masten, Lester W. Hurd, 168 Sutter St., S. F.
Contractor—Mangels Bros., 4792 Mission St., San Francisco.
Filed Mar. 21, 1923. Dated Mar. 16, 1923.
Frame up $1972.50
Brown coated 1972.50
Completed and accepted 1972.50
Usual 35 days 1972.50
TOTAL COST, $7890
Bond, $3945; Sureties, Theresa Gamma, John A. F. Steimke; Forfeit, $5.00; Limit, 120 days; Plans and specifications filed.

FLAT BLDG.
(1100) N FULTON 107-6 W 18th Ave. All work for 2-story frame flat building.
Owner—Harriet H. & H. H. Somers, 779 18th Ave., San Francisco.
Architect—J. P. Christianson, 518 25th Ave., San Francisco.
Filed Mar. 21, 1923. Dated Mar. 20, 1923.
Frame up $2875
Brown coated 2875
Completed and accepted 2875
Usual 35 days 2875
TOTAL COST, $11,500
Bond, Sureties, Forfeit, none; Limit, 90 days; Plans and Specifications filed.

DWELLING
(1101) W SAN PABLO AVE 15 S W from int. dividing line bet. lots 28 & 29 Blk. 24 St. Francis Wood Extn. 2 N 35° 58' 31" W 68.76 N 4° 05' W 37.5 N 85° 55' E 45 S 4° 05' E 27.74 S 32° 26' 20" E 55 SW 40 ptn lots 28 & 29 blk 24 St. Francis Wood Extn 2. All work for frame dwelling.
Owner—Garden Homes Co., 278 Post St., San Francisco.
Architect—Earle B. Bertz, 168 Sutter St., San Francisco.
Contractor—Mangels Bros., 4792 Mission St., San Francisco.
Filed Mar. 21, 1923. Dated Mar. 16, 1923.
Frame up $1800
Brown coated 1800
Completed and accepted 1800
Usual 35 days 1800
TOTAL COST, $7200
Bond, $3600; Sureties, Theresa Gamma, John A. F. Steimke; Forfeit, none; Limit, 120 days; Plans and Specifications filed.

APARTMENTS
(1102) S IRVING 95 W THIRD AVE W 50 x S 100. All work for 3-story and basement frame apt. bldg.
Owner—J. J. O'Neill, 1274 28th Ave., San Francisco.
Architect—W. B. Mahoney, 892 Union St., San Francisco.
Contractor—E. K. Nelson, 77 O'Farrell St., San Francisco.
Filed Mar. 21, 1923. Dated Mar. 14, 1923.
2nd story joists in $6750
Ready for plaster 6750
White coated 6750

Completed and accepted 6750
Usual 35 days 9000
TOTAL COST, $36,000
Bonds, Sureties, Forfeit, none; Limit, 120 days; Plans and Specifications filed.

BUILDINGS
(1103 E OCTAVIA 75 N Chesnut N 150 x E 100. All work for 6 2-story and basement frame buildings.
Owner—R. E. Sbarbaro, H. L. Detjen, John F. Noonan, 3401 Washington St., San Francisco.
Architect—A. M. Hardy, 518 24th Ave., San Francisco.
Contractor—A. M. Hardy, 518 24th Ave., San Francisco.
Filed Mar. 21, 1923. Dated Mar. 17, 1923. Payments to be made on presentation of bills and pay roll.
TOTAL COST, $52,200
Bonds, Sureties, Forfeit, none; Limit, 130 days; Plans and Specifications filed.

ALTERATIONS
(1104) NO. 1412 BAKER. Construct may windows; stucco front and add one room to dwelling.
Owner—Elizabeth A. Hayes, 7 McCormick Place, San Francisco.
Architect—None.
Contractor—J. T. Hayes, 7 McCormick Place, San Francisco. $1400

DWELLING
(1105) E THIRTEENTH AVE 150 S Irving. One-story and basement frame dwelling.
Owner—W. C. Petersen, 2060 Ellis St., San Francisco.
Plans by Owner. $4000

DWELLING
(1106) S FULTON 106 E Clayton. One-story and basement frame dwlg.
Owner—Miss N. Fitzgerald, — Fell St., San Francisco.
Architect—None.
Contractor—E. A. Garin, 1849 Page St., San Francisco. $7500

DWELLING
(1107) N BRUNSWICK 200 W Guttenberg. Two-story and basement frame dwelling.
Owner—Mrs. A. White, 554 Brunswick St., San Francisco.
Architect—None.
Contractor—W. F. Lovell, 605 Waller St., San Francisco. $3000

DWELLING
(1108) E FRANKLIN 167 N Green. One-story and basement frame dwelling.
Owner—P. Tofanelli, 1122 Polk St., San Francisco.
Architect—P. De Martini, 946 Broadway, San Francisco.
Contractor—P. De Martini, 2869 Octavia St., San Francisco. $6000

STORES
(1109) E MISSION 150 N Brazil Ave. One-story frame (3) stores.
Owner—C. W. Follet, 268 London St., San Francisco.
Architect—None.
Contractor—John Casty, 180 Jessie St., San Francisco. $7000

SIGN
(1110) NO. 311 EMBARCADERO. Construct and install electric roof sign (one sided).
Owner—Wellman Peck & Co., Premises
Architect—None.
Contractor—Brumfield Elec. Sign Co., 965 Folsom St., S. F. $4900

DWELLING
(1111) W FORTY-SECOND AVE 220 N Balboa. One-story and basement frame dwelling.
Owner—Thos. Hamill, 6140 Geary St., San Francisco.
Architect—None. $6000

FACTORY
(1112) SE GRANT AVE AND FRANCISCO. Two-story and mezzanine floor annex to macaroni factory.
Owner—Roma Macaroni Factory, Prem.
Architect—J. A. Porporato, 619 Washington St., San Francisco. $7000

APARTMENTS
(1113) E NINETEENTH AVE 150, 175 and 200 S California. Three two-story and basement frame (4) apartments.
Owner—Max Taylor.
Designer—Klaus Adler, 493 22nd Ave., San Francisco.
Contractor—Klaus Adler, 493 22nd Ave. San Francisco. $12,000 each

APARTMENTS
(1114) W TWENTIETH AVE 175 N Clement. Two-story and basement frame (4) apartments.
Owner—Cornelia Morse.
Designer—Klaus Adler, 493 22nd Ave., San Francisco.
Contractor—Klaus Adler, 493 22nd Ave. San Francisco. $12,000

APARTMENTS
(1115) W TWENTY-SECOND AVE 175 N Anza. Two-story and basement frame (4) apartments.
Owner—Carl Lutz, 208 Chenery St., San Francisco.
Designer—Klaus Adler, 493 22nd Ave., San Francisco.
Contractor—Klaus Adler, 493 22nd Ave. San Francisco. $12,000

APARTMENTS
(1116) E POWELL 77-6 N Jackson. Three-story and basement reinforced concrete (5) apartments.
Owner—E. Ferrero.
Architect—A. J. Fabre and E. H. Hildebrad, 110 Sutter St., San Francisco.
Contractor—John Morton, Balboa Bldg., San Francisco. $20,500

STORE AND FLAT
(1117) W MISSION 25 S Francis. Two-story frame store and flat.
Owner—Dr. P. G. Terzian, 4442 Mission St., San Francisco.
Architect—J. A. Porporato, 619 Washington St., San Francosco.
Contractor—A. De Benedetti, 20 Cotter St., San Francisco. $12,000

BUILDING
(1118) S NATOMA 175 W Third. One-story and basement Class C commercial building.
Owner—B. Alfred Houkins, 718 Hearst Bldg., San Francisco.
Architect—P. J. Herold, 718 Hearst Bldg., San Francisco. $11,000

FRAME FLATS
(1119) S FRANCISCO 109-8 and 146-9 W Van Ness Ave., Two two-story and basement frame (8 in each) flats.
Owner—Jeanette Liebman, 407 11th Ave., San Francisco.
Architect—R. R. Irvine, 507 New Call Bldg., San Francisco. $17,500 each

DWELLING
(1120) W DELANO 180 S Ocean Ave. One-story and basement frame dwelling.
Owner—A. Garibaldi, 332 Delano Ave., San Francisco.
Architect—None.
Contractor—A. De Benedetti & Son, 22 Cotter St., San Francisco. $5200

REPAIRS
(1121) NO. 1219 TENTH AVE. Repair fire damage to residence; shingle roof; interior plastering; carpentry etc.
Owner—Mrs. Baldwin, % J. E. Theriot, 1234 9th Ave., San Francisco.
Architect—None.
Contractor—A. L. Thulin, 180 Jessie St., San Francisco. $1000

DWELLING
(1122) E REMINGTON 75 S Newman. One-story and basement frame dwelling.
Owner—C. Derby, 4384 24th St., S. F.
Architect—None.
Contractor—C. J. Carlson, 327 Crescent Ave., San Francisco. $4700

FRAME FLATS
(1123) NE FULTON AND TWENTY-fourth Ave. Two-story and basement frame (2) flats.
Owner—Fred Ohe, 583 19th Ave., San Francisco.
Architect—W. L. Schmolle, 40 Montgomery St., S. F. $15,000

REPAIRS
(1124) SE ANNIE AND MISSION STS. Paint interior of lofts and patch floors.
Owner—J. Farish.
Architect—S. Heiman, 57 Post St., San Francisco. $1000

STORES AND OFICFES
(1125) NE CLEMENT AND SEVENTH Ave. Two-story and basement brick stores and offices.
Owner—York Realty Co., 40 Montgomery St., San Francisco.
Architect—W. L. Schmolle, 40 Montgomery St., S. F. $17,000

ALTERATIONS
(1126) NO. 831 MARKET. Fill in panel of mezzanine floor with steel frame construction and reinforced concrete floor.
Owner—Marks Bros., Premises.
Architect—Bernard J. Joseph, 74 New Montgomery St., S. F. $1750

ALTERATIONS
(1127) NO. 832 MISSION. Enlarge mezzanine floor in furniture store.
Owner—H. W. Frank, Premises.
Architect—None.
Contractor—Mangels Bros., 4792 Mission St., San Francisco. $1000

RESIDENCE
(1128) W SAN BENITO 105 S St. Francis Blvd. Two-story and basement frame residence.
Owner—C. and W. J. Mangels, 4792 Mission St., San Francisco.
Architect—Frederick G. Munk, 58 Francis St., San Francisco.
Contractor—Mangels Bros., 4792 Mission St., San Francisco. $6000

BUNGALOWS
(1129) SE BAKER AND POST — 86xE 40-6. All work for three one-story and basement frame bungalows.
Owner—M. J. and E. V. Rocca, Alaska Commercial Bldg., S. F.
Architect—H. C. Baumann and Edw. Jose, 251 Kearny St., S. F.
Contractor—Meyer Bros., 5324 Geary St., San Francisco.
Filed Mar. 22, '23. Dated Mar. 10, '23.
Wall and roof sheathing on....$3312
Brown coated 3312
Completed and accepted 3312
Usual 35 days..... $214
TOTAL COST, $13,250
Bond, $6625. Sureties, Theodore G. Meyer and Anna Meyer. Limit, 90 days. Forfeit, none. Plans and specifications filed.

BUILDINGS
(1130) NW TOWNSEND 359 NE Sixth NE 70xNW 125; NW TOWNSEND 449 NE Sixth NE 116xNW 125; SE BLUXOME 449 NE Sixth NE 116x 125. Pile driving for three two-story and basement frame buildings.
Owner—Moody Estate Co., Kohl Bldg., San Francisco.
Architect—Pierre Zucco & Co., 166 Geary St., San Francisco.
Contractor—Healy Tibbitts Constr. Co., 64 Pine St., San Francisco.
Filed Mar. 22, '23. Dated Mar. 8, '23.
On completion ..... ¾
Usual 35 days..... ¼
TOTAL COST, $18,847
Bond, none. Limit, 75 days. Forfeit, none. Plans and specifications filed.

BUILDING
(1131) NW TOWNSEND 449 NE Sixth NE 116xNW 125. All work except pile driving for two-story and basement building.
Owner—Moody Estate Co., Kohl Bldg., San Francisco.
Architect—Pierre Zucco & Co., 166 Geary St., San Francisco.
Contractor—K. E. Parker, 519 California St., San Francisco.
Filed Mar. 22, '23. Dated Mar. 8, '23.
On 15th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $75,502
Bond, $37,751. Sureties, W. H. Healy and Chas. C. Horton. Limit, 120 days. Forfeit, none. Plans and specifications filed.

BUILDING
(1132) NW TOWNSEND 359 NE Sixth NE 70xNW 125. All work except pile driving for two-story and basement building.
Owner—Moody Estate Co., Kohl Bldg., San Francisco.
Architect—Pierre Zucco & Co., 166 Geary St., San Francisco.
Contractor—K. E. Parker, 519 California St., San Francisco.
Filed Mar. 22, '23. Dated Mar. 8, '23.
On 15th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $46,395

Bond, $23,200. Sureties, W. H. Healy and Chas. C. Horton. Limit, 90 days. Forfeit, none. Plans and specifications filed.

BUILDING

(1133) SE BLYNOME 449 NE Sixth NE 116xSE 125. All work except pile driving for two-story and basement building.
Owner—Moody Estate Co., Kohl Bldg., San Francisco.
Architect—Pierre Zucco & Co., 166 Geary St., San Francisco.
Contractor—K. E. Parker, 519 California St., San Francisco.
Filed Mar. 22, '23. Dated Mar. 8, '23.
On 15th of each month..... 75%
Usual 35 days 25%
TOTAL COST, $73,002
Bond, $36,501. Sureties, W. H. Healy and Chas. C. Horton. Limit, 150 days. Forfeit, none. Plans and specifications filed.

ALTER. & ADD.

(1134) NW SACRAMENTO & EMBARCADERO, W 6 Sacramento & 9-11 Embarcadero. Alterations and additions to building (except magnesite floors, painting, plumbing and electrical work).
Owner—Maurice Bernstein, Care architect.
Architect—Martin A. Sheldon, 110 Sutter St., San Francisco.
Contractor—H. Schultz & Son, 40 Norton St., San Francisco.
Filed Mar. 22, 1923. Dated Mar. 21, 1923.
Store fronts in and ready for lathing $2500
Completed and accepted 2000
Usual 35 days 3500
TOTAL COST, $9000
Bond, $4000; Sureties, Continental Casualty Co.; Forfeit, none; Limit, 30 days; Plans and specifications filed.

WORK

(1135) PLUMBING, GAS FITTING & sewer work on above.
Contractor—Thomas Skelly, 1344 9th Ave., San Francisco.
Filed Mar 22, 1923. Dated Mar. 21, 1923.
Roughing in installed $750
Completed and accepted 450
Usual 35 days 816
TOTAL COST, $2016
Bond, $1008; Sureties, Wm. A. Kohler, Louise Skelly; Forfeit, none; Limit, as fast as possible; Plans and Specifications filed.

DWELLINGS

W SANTA PAULA 228 N Santa Monica. S SANTA MONICA 134 E Yerba Buena Ave.
W SAN LORENZO WAY 221 S Portola Drive.
W SAN PABLO AVE 135 S Portola Drive. Four one and two-story and basement frame dwellings.
Owner—Garden Homes Co., 278 Post St., San Francisco.
Architect—Earle B. Bertz, 168 Sutter St., San Francisco.
Contractor—Mangels Bros., 4792 Mission St., San Francisco.
(2) $4000 each; (2) $5000 each

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted

Mar. 16, 1923—E TWENTY-THIRD Ave 25 N Fulton N 25xE 82-6. Bryan Feerick to whom it may concern .....Mar. 15, 1923

Mar. 16, 1923—SE NATOMA 135 SW Third SW 40xSE 80. John F O'Malley and Daniel O'Neill to whom it may concern..Mar. 12, 1923

Mar. 16, 1923—LOTS 11 TO 15 BLK I Mission Terrace. Walter E Hansen to whom it may concern.Mar 13, 1923

Mar. 16, 1923—S GEARY 56-8 E 23rd Ave E 50x75. W A Savage to whom it may concern .....Mar. 16, 1923

Mar. 16, 1923—W THIRTY-FIFTH Ave 225 S Geary Herbert Meyer to Meyer Bros.....Feb. 13, 1923

Mar. 16, 1923—S BUSH 77-6 W Leavenworth S 137-6xW 30. John O Titlow to Browne-Langlais Elec Constr Co.. .....Mar. 14, 1923

Mar. 15, 1923—W NATOMA 90 N 15th N 25xW 80. Mrs A Yackley to A Cuneo and Wm De Martini.....Mar. 2, 1923

Mar. 16, 1923—NW CHESTNUT AND Gough 137-6 W Gough W100xN 137-6. R E Sharboro, H L Detjen and J F Noonan to A M Hardy.....March 6, 1923

Mar. 16, 1923—NW WASHINGTON & Gough W 68-9xN 129-8¼ Two Thousand Washington St., Inc. to Jos Pasqualetti (as American Concrete Co).....Mar. 13, 1923

Mar. 16, 1923—NW WASHINGTON & Gough W 68-9xN 129-8¼. Two Thousand Washington St., Inc to C Petersen Co.....Jan. 30, 1923

Mar. 16, 1923—E RAMONA 215 S 14th George R Newsom to whom it may concern.....**Mar. 17, 1923**

Mar. 17, 1923—SE PACIFIC AVE & Laurel, 40x127½. Wm and Leslie Van Ness Denman to A M Hardy.....March 14, 1923

Mar. 17, 1923—E SEVENTEENTH AV 196-1 S California S 25xE 120. Cornelia Morse to Klaus Adler .....March 1, 1923

Mar. 17, 1923—SE MISSION 150 NE France Ave 25x83-6. Louis Tomasello to whom it may concern.....Mar. —, 1923

Mar. 17, 1923—W THIRTY-THIRD Ave 253 S Cabrillo S 32xW 120. J F Dowling to whom it may concern .....Mar. 16, 1923

Mar. 17, 1923—LOT 2 BLK J Mission Terrace. Olaf and Amanda A Olsen to whom it may concern.Mar. 16, 1923

Mar. 17, 1923—W DRUMM 60 N Jackson N 40xW 60. Cutting Packing Co to J D Hannah.....Mar. 14, 1923

Mar. 17, 1923—N ANZA 90 W 45th Ave 46-6x120. A G Bennett to whom it may concern..Mar. 17, 1923

Mar. 19, 1923—W THIRTY-SIXTH AV 25 N Cabrillo N 25xW 90. Roy A Pratt to whom it may concern.....March 6, 1923

Mar. 19, 1923—S CABRILLO 52-6 W Fifteenth Ave W 25xS 100. S Larsen and Wm L Penziner to whom it may concern.....Mar. 19, 1923

Mar. 19, 1923—S CABRILLO 52-6 W Fifteenth Ave W 25xS 100. S Larsen and Wm L Penziner to whom it may concern.....Mar. 19, 1923

Mar. 19, 1923—W NINTH AVE 75 S Lawton S 25xW 95; W Ninth Ave 50 S Lawton S 25xW 70. Eric Dahlberg to whom it may concern.....March 19, 1923

Mar. 19, 1923—W FRANKLIN 87 S Chestnut. Clara U Christensen fmly Clara Lydia Newhouse to Walters & Grove.....Mar. 10, 1923

Mar. 19, 1923—NW FILBERT AND Hyde N 137-6xW 137-6. Capo Di Monte to A W Lawson..Mar. 16, 1923

Mar. 20, 1923—W FIFTEENTH AVE 104-3 N Clement N 25xW 120. F S Spencer to John C Thomas.....March 19, 1923

Mar. 20, 1923—W TWENTY-FIFTH Ave 100 S Lake S 25xW 120. August Magnuson and Adrian Peterson to whom it may concern.....—

Mar. 20, 1923—W THIRTY-THIRD Ave 189 N Fulton N 32xW 120. S F Johnson to whom it may concern .....March 19, 1923

Mar. 20, 1923—W SEVENTIETH 125 W Valencia 25-6x114 N Otto Methmann to whom it may concern.....March 20, 1923

Mar. 20, 1923—S LAWTON 90 E 12th Ave E 30xS 100. Jennio J Vevoda to whom it may concern.Feb. 10, 1923

Mar. 20, 1923—SW MARKET 269-7½ SW Noe SW 32-10½ S 110 E 25 N 131-6¾. W L Heise to Andrew Olson and S Persson, Mar 10, 1923; W E Trousdale Co.....Mar. 8, 1923

Mar. 20, 1923—S TINGLEY 214 E San Jose Ave 25x96; N Tingley 105 E San Jose Ave 25x100. Theresa Walsh to whom it may concern.....March 20, 1923

Mar. 20, 1923—N GREEN 137-6 E Scott E 34-4½xN 127. Edith Conner ver Mehr to whom it may concern.....Mar. 10, 1923

Mar. 20, 1923—W FRANKLIN 110 S Bay S 27-6xW 112-6. Sofia Bianchi to Michele Perino.....Mar. 20, 1923

Mar. 21, 1923—SE TEHAMA 412-6 SW Third SW 25xSE 80. Carrie Hund to Barrett & Hilp.....Mar. 16, 1923

Mar. 21, 1923—LOCATION NOT Given. Jas H Hjul to whom it may concern.....Mar. 21, 1923

Mar. 21, 1923—SW TENTH AND Minna S 60 W 78-3 S 20 W 42 N 80 E 120-3. The Lurie Co to Meyer Bros.....Mar. 21, 1923

Mar. 22, 1923—S POST 206-3 W Mason W 68-9xS 137-6. Browne Inv Co to whom it may concern.....March 22, 1923

Mar. 22, 1923—NW WASHINGTON & Gough W 68-9xN 129-8¼. Two Thousand Washington Street Inc to Scott Co., Butte Elec & Mfg Co and A Knowles.....Mar. 20, 1923

Mar. 22, 1923—NE STOCKTON AND Jackson N 34-3xE 96-3. Gundock Chan to George M Merritt Bldg Co. Inc.....March 17, 1923

Mar. 22, 1923—NW TOWNSEND 140 NE Clarence NE 86-1¼xNW 275. Jos Marymont and Maurice Van Vliet to Barrett & Hilp.Mar. 17, 1923

Mar. 22, 1923—W GRANT AVE — N Vallejo No. 1331-35. J Bruno to A Briss.....Mar. 19, 1923

Mar. 22, 1923—W TWENTY-NINTH Ave 100 S Geary S 25xW 125. Chas P Rushton to whom it may concern.....Mar. 22, 1923

Mar. 22, 1923—SW MISSION AND Whipple Ave — 125 m or 1 S 25-5¼ W 74-10 N 25 E 79-6¼. F General to Fred Warden.....Nov. 15, 1922

Mar. 22, 1923—W SAN FERNANDO Way 75 and 115 N Darian Way 40 x100; W San Fernando Way 115 and 35 S Monterey Blvd 40x100. O M Hueter to Boxton & Zwieg.....March 21, 1923

Mar. 22, 1923—W THIRTY-EIGHTH Ave 300 N Anza N 150xW 120. Meyer Bros to whom it may concern.....Mar. 20, 1923

Mar. 22, 1923—E FORTY-FIFTH AV 325 N Cabrillo N 150xE 120. Meyer Bros to whom it may concern.....March 20, 1923

Mar. 22, 1923—N FULTON 77-6 E Fifteenth Ave E 25xN 100. John Little to whom it may concern.....March 22, 1923

Mar. 22, 1923—W ALABAMA 156 N 23rd N 26xW 100. Mary Hildebrant to whom it may concern.....March 17, 1923

Mar. 22, 1923—E POWELL 68-6 N Bush N 69xE 67-6. Edw Beck to C Petersen.....Mar. 19, 1923

Mar. 22, 1923—E POWELL 68-6 N Bush N 69xE 67-6. Edward Beck to whom it may concern.....—

Mar. 22, 1923—E FORTY-SIXTH AVE 270 S Geary 30x120 No 546 46th Ave. C R Moody to Snyder & Cook .....March 21, 1923

LIENS FILED

SAN FRANCISCO COUNTY

Mar. 16, 1923—N CALIFORNIA 197-6 W Hyde W 25xN 137-6. John Cassaretto vs Pierre, Catherine and Claudine Lacoume.....$186.95

Mar. 16, 1923—E FUNSTON AVE 100 N Geary N 25xE 120. Atlas Heating & Ventilating Co vs Chas Schmitz and J E Barker.....$104.50

Mar. 16, 1923—W FOURTEENTH AV 224 N Cabrillo N 25xW 140. Atlas Heating & Ventilating Co vs Louis S and Isabel Constine and J E Barker $167

Mar. 16, 1923—E FUNSTON AVE 100 N Geary — 25xE 120. Fuller & Goepp vs Charles and Ethel D Schmitz and J E Barker.....$302.65

Mar. 17, 1923—NW CALIFORNIA & Hyde. Scott Co vs Pierre, Catherine and Claude Lacoume and Hamilton & Costello $1521.43

Mar. 17, 1923—E MISSION 103-7 S Fair Ave S 50xE 136. F W Mecklenburg vs M E Greene and L Chiappari $1450

Mar. 19, 1923—E FORTY-EIGHTH Ave 250 S Taraval S 75xE 120. Shipman & Lauer vs Mrs. Harvey Dale or Florence Dale, Harvey L Dale and Hamilton & Costello.$913.96

Mar. 19, 1923—W NINETEENTH 500 N Douglas N 225xW 90. W H Earl vs J C Gibson and R L Buck..$46.55

Mar. 19, 1923—N CALIFORNIA 192-6 W Hyde W 25xN 137-6. Shipman & Lauer vs Pierre, Catherine and Claudine Lacoume and Hamilton & Costello $540

Mar. 19, 1923—E MISSION 103-7 S Fair Ave S 50xE 136. W S Vivian vs M E Greene and L Chiappari.$150

Mar. 19, 1923—N CALIFORNIA 192-6 W Hyde W 25xN 137-6. Sibley Grading & Teaming Co vs John E Hamilton, Wesley F Costello, P. Catherine & Claudine Lacoume.$360

Mar. 19, 1923—N CALIFORNIA 197-6 W Hyde W 25xN 137-6. Christenson Lumber Co vs Pierre, Catherine and Claudine Lacoume $3193.64

Mar. 19, 1923—W NINETEENTH 500 N Douglas N 225xW 90. James Rose vs J C Gibson and R L Buck $53.65

Mar. 20, 1923—E MISSION 103-7 S Fair Ave S 50xE 136. Rasmussen & Maillard vs M E Greene.....$327
Mar. 20, '23—E MISSION 103.7 S Fair Ave S 50xE 136. California Mill Co ve L Chiappari and M E Greene.$431
Mar. 21, 1923—E MISSION 103-7 S Fair Ave E 136xS 50. Wm Buick vs M E Green and L Chiappari..$969
Mar. 21, 1923—E TWENTIETH AVE 200 N Irving E 120xN 25. Richards Hardwood Lumber Co vs James C and Fannie Gibson $160.19
Mar. 21, 1923—NW NINETEENTH and Clover Lane th alg Clover Lane 92 W 25 S to 19th th alg 19th to beg. Richards Hardwood Lumber Co vs Jas C and Fannie Gibson...$52
Mar. 21, 1923—N NINETEENTH 25 W Clover Lane N to Thorp Lane W 25 S to 19th St. E to beg. Richards Hardwood Lumber Co vs Jas C and Fannie Gibson $51.50
Mar. 22, 1923—N NINETEENTH 50 W Clover Lane NW to S line Thorp Lane W 25 S to line 19th St. th to beg. Richards Hardwood Lumber Co vs James C and Fannie Gibson $51.50
Mar. 22, 1923—E MISSION bet. Fair Ave & 29th No. 3221 Mission 103-7 S from Fair Ave. New Mission Sheet Metal Works vs M E Greene and L Chiappari $330
Mar. 22, 1923—SE MISSION 103.7 SW Fair Ove SW 50xSE 136. Reinhart Lumber & Planing Mill Co vs M E Greene and L Chiappari.....$882.22
Mar. 22, 1923—E MISSION 103-7 S Fair Ave S 50xE 136. Collonan Elec & Mfg Co vs Luigi C Chiappari and M E Greene $315

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Mar. 15, 1923—NW MISSION 50 SW Bosworth SW 30 NW 79-11½ E 42-5 SE 49-11¾. G Ferroni & Sons vs Timothy J and Agnes Shea..$3945
Mar. 17, 1923—N CALIFORNIA 100 E Polk E 100xN 137-6. M C Vukicevich and Spencer B Bagge to Mel G Franklin $7102.81
Mar. 19, 1923—E FORTY-FIFTH AV 270 S Geary S 30xE 111. Wm W Nielsen to Theo Christiansen and Michael J Hontalas.....$467
Mar. 20, 1923—NE CORTLAND AVE 50 NW Coleridge NW 25xNE 80. George M Merritt Building Co to A L and Catherine Gray.....$385
Mar. 20, 1923—S BROAD 100 E Plymouth Ave E 30xS 125 Ptn Lot 1 Blk "H" Railroad Hd Ass'n. S Mariani & Sons to Jas Tarbitt, Carl E and Florence Kiepen.....
Mar. 22, 1923—E FORTY-FIFTH AV 270 S Geary S 30x111. Ginsberg Tile Co to Michael J Hontalas and Theodore Christensen .....

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

Mar. 20, 1923—N O'FARRELL 117-6 E Mason E 20xN 60. Union Trust Co Extr Est Harris Weinstock, dec'd as to improvements on property..
Mar. 22, 1923—NE GOLDEN GATE Ave and Taylor. Market & Taylor Bldg Co as to improvements on property .....

BUILDING CONTRACTS

ALAMEDA COUNTY

$1,000 and Over Reported

The following is an index for the contracts for this issue:

No.	Owner	Contractor	Amt.
1270	Morshead	Stoskholm	20000
1271	Same	Same	21000
1272	Same	Same	22500
1273	Deinse	Wiser	6000
1274	Vekander	Graham	4800
1275	Duncan	Malley	6000
1276	Standard	Owner	4000
1277	Karft	Owner	5000
1278	Argust	Owner	2500
1279	Ware	Owner	1000
1280	Marquis	Owner	3200
1281	Appleton	Owner	5000
1282	Holt	Johnson	3600
1283	Marquis	Owner	7600
1284	Blabon	Owner	8000
1285	Shell	Owner	2100
1286	Ryan	Owner	3000
1287	Marquis	Owner	2500
1288	Paul	Newby	3000
1289	Condla	Bacigalupi	1800
1290	Hammerton	Pickering	2000
1291	Weitz	Turner	4000
1292	Gladding	Dinwiddie	18000
1293	Shapero	Strachan	1500
1294	Keep	Webb	6440
1295	Coyle	Johnson	3250
1296	Central	Leiter	75000
1297	Bramlage	Owner	10000
1298	Roberts	Owner	3500
1299	Lucas	Barr	1680
1300	Smith	Brasch	5000
1301	Calleri	Arton	4900
1302	Marshall	Owner	5000
1303	Brown	Owner	8000
1304	Souza	Stanley	6000
1305	Moran	Butler	6000
1306	Pickrell	Owner	2000
1307	Feeley	Owner	2800
1308	Gieser	Owner	1500
1309	Alameda	Owner	4900
1310	Coppage	Thaxter	3000
1311	Fountain	Hadley	3100
1312	Lew	Walker	3000
1313	Cabeleira	Owner	3850
1314	Legris	Owner	11250
1315	Liermann	Boeddeker	8585
1316	Kane	Allen	9300
1317	Heyny	Cushing	4500
1318	Masonic	Wold	7900
1319	Masonic	Central	12392
1320	Larson	Owner	6463
1321	Briscoe	Owner	5500
1322	Peppen	Owner	5500
1323	Same	Same	5000
1324	Lahti	Owner	2600
1325	Schreiber	Owner	1500
1326	Alden	Pearson	4000
1327	Pruss	Owner	2500
1328	Erickro	Nelson	3300
1329	Bredehoft	Owner	7500
1330	Guyot	Owner	20000
1331	Walker	Devore	10000
1332	Sigriest	Blazier	1000
1333	Mang	Griffith	2300
1334	Wilson	Owner	1000
1335	Freitas	Silva	1275
1336	Martins	Stewart	9295
1337	Nunan	Grunewald	3950
1338	Cox	Van Doren	1906
1339	Nichols	Owner	4750
1340	Canepa	Campomenosi	4000
1341	Gomez	Stolte	4495
1342	McClure	Stolte	7650
1343	Cooke	Yerrick	5828
1344	Assn. Lambda	Kissel	3143
1345	Gahl	Henderson	7000
1346	Turntr	Owner	3000
1347	Carlson	Owntr	4500
1348	Curto	Garello	2450
1349	Graham	Owner	3000
1350	Hanscheild	Rollins	3000
1351	Warren	Rae	2600
1352	Rae	Owner	2400
1353	Bastrim	Rollins	3600
1354	Friden	Anderson	6000
1355	Dickerman	Owner	3000
1356	Anderson	Owner	5000
1357	Chloupek	Whitford	8000
1358	Epline	Owner	1600
1359	Pfrang	Owner	6000
1360	Bliger	Adams	4400
1361	S. P. Co.	Geary	....
1362	Western	Geary	750
1363	Fitzgerald	Hopper	6380
1364	Jones	Hopper	9840
1365	Whitehead	Hopper	29380
1366	Rankin	Owner	3500
1367	Peffer	Owner	1500
1368	Croyland	Fox	2300
1369	Hinch	Owner	11850
1370	Matteson	Owner	2600
1371	Silva	Silva	2500
1372	Toller	Constable	3600
1373	Schomig	Owner	1000
1374	Schneider	Steffen	2900
1375	Hallen	Jordan	2750
1376	Rohrbacker	Fredrickson	4000
1377	Williams	Loughrey	6000
1378	Marshall	Brasch	12000
1379	Luchetti	Augaretti	2500
1380	Field	Owner	6000
1381	Clark	Alder	4000
1382	Pratt	Owner	2400
1383	Parsons	Francis	2500
1384	Broadway	Power	13000
1385	Central	Leiter	72567
1386	Bent	Bent	3000
1387	Hammel	Owner	2700
1388	Gray	Grimes	1429
1389	Dicky	Adams	4200
1390	La Grange	Rich	6000
1391	Bunney	Hewitt	4000
1392	McLeod	Van Ness	2000
1393	Hill	Owner	3000
1394	Hook	Tollefsen	6500
1395	Dahl	Owner	3000
1396	Jurich	Owner	3000
1397	Northdurft	Owner	3500
1398	Tonjes	Meyer	9000
1399	Garberino	Benassini	3500
1400	Cote	Holton	5000
1401	Moll	Owner	2000
1402	Lapham	Kepple	3500
1403	Oakland	Murch	76066
1404	Meyer	Calif.	20000
1405	Williams	Swift	13000
1406	Brennan	Flittner	3600

RESIDENCE
(1270) NI. 2045 OAKLAND AVE., Piedmont. Two-story 9-room residence and garage.
Owner—S. W. Morshead, % Union Oil Co., Mills Bldg., San Francisco.
Architect — H. Sawyer, Hearst Bldg., San Francisco.
Contractor — Chas. Stockholm & Son, Monadnock Bldg., S. F. $20,000

RESIDENCE
(1271) NO. 2063 OAKLAND AVE., Piedmont; Two-story 9-room residence and garage.
Owner—S. W. Morshead, % Union Oil Co., Mills Bldg., San Francisco.
Architect — H. Sawyer, Hearst Bldg., San Francisco.
Contractor — Chas. Stockholm & Son, Monadnock Bldg., S. F. $21,000

RESIDENCE
(1272) NO. 2055 OAKLAND AVE., Piedmont. Two-story 10-room residence and garage.
Owner—S. W. Morshead, % Union Oil Co., Mills Bldg., San Francisco.
Architect—Houghton Sawyer, Hearst Bldg., San Francisco.
Contractor — Chas. Stockholm & Son, Monadnock Bldg., S. F. $22,500

RESIDENCE
(1273) NO. 245 WILDWOOD AVE., Piedmont. One-story 6-room residence and garage.
Owner—A. P. Van Deinse, 5861 Ocean View Drive, Piedmont.
Architect—None.
Contractor—H. Wiser, Oakland. $6000

RESIDENCE
(1274) NO. 139 LAKE AVE., Piedmont. One-story 5-room residence and garage.
Owner—K. E. Vekander, 1119 Arch St., Berkeley.
Architect—None.
Contractor—A. C. Graham, 615 Calmar Ave., Oakland. $4800

RESIDENCE
(1275) NO. 10 MONTECELLO AVE., Piedmont. One-story 6-room residence and garage.
Owner—R. Duncan, 159 Hillcrest Drive, Berkeley.
Architect—None.
Contractor — F. T. Malley, 900 Lake Shore Ave., Oakland. $6000

ADDITION
(1276) NE SAN PABLO AND UNIVERsity Aves., Berkeley. Add to service station.
Owner—Standard Oil Co., 19th and Broadway, Oakland.
Architect—None. $4000

DWELLING
(1277) NO. 1205 ALAMEDA, Berkeley. One-story 6-room dwelling.
Owner—J. W. Kraft, 4151 Webster St., Oakland.
Architect—None. $5000

DWELLING
(1278) NO. 917 BANCROFT, Berkeley. One-story 5-room dwelling.
Owner—Manuel Argust, 913 Bancroft, Berkeley.
Architect—None. $2500

ADDITION
(1279) NO. 1205 SPRUCE, Berkeley. Addition.
Owner—L. T. Ware, Premises.
Architect—None. $1000

DWELLING
(1280) NO. 1408 EDITH, Berkeley. Two-story 5-room dwelling.
Owner—P. E. Marquis, 2045 Shattuck Ave., Berkeley.
Architect—None. $3200

DWELLING
(1281) NO. 535 SAN FERNANDO ST., Berkeley. Two-story 6-room dwlg.
Owner—W. G. Appleton, 1831 Catalina Ave., Berkeley.
Architect—None. $5000

DWELLING
(1282) NO. 1510 LINCOLN ST., Berkeley. One-story 5-room dwlg.

Owner—Fred Holt, 1245 Ashby Ave., Berkeley.
Architect—None.
Contractor—Johnson & Abdon, 530 13th St., Oakland. $3600

DWELLINGS
(1283) NO. 2264-70-76 RANSOME AV., Oakland. Three one-story 5-room dwellings.
Owner—E. M. Marquis, 2827 Russell St., Berkeley.
Architect—None. $2500 each

DWELLING
(1284) S FLEMING AVE 856 W Seminary, Oakland. One-story 5-room dwelling.
Owner—E. R. Blabon, 2482 63rd Ave., Oakland.
Architect—None. $3000

STATION
(1285) NW E-FOURTEENTH AND Auseon Ave., Oakland. Comfort station and one-story steel service station.
Owner—Shell Co. of Calif., 343 Sansome St., San Francisco.
Architect—None. $2100

DWELLING
(1286) NO. 3601 REDDING ST., Oakland. One-story 5-room dwlg.
Owner—F. E. Ryan, 936 37th Ave., Oakland.
Architect—None. $3000

DWELLING
(1287) NO. 2239 SANTA RITA ST., Oakland. One-story 5-room dwlg.
Owner—E. M. Marquis, 2827 Russell St., Berkeley.
Architect—None. $2500

DWELLING
(1288) NO. 1322 WELLINGTON ST., Oakland. One-story 5-room dwlg.
Owner—Mrs. M. Paul, 2230 Telegraph Ave., Oakland.
Architect—None.
Contractor—A. E. Newby, 3736 Randolph Ave., Oakland. $3000

ADDITION
(1289) NO. 516 BRUSH ST., Oakland. Addition.
Owner—Michael Condia, premises.
Architect—None.
Contractor — A. B. Bacigalupi, 1020½ Taylor Ave., Oakland. $1800

ALTERATIONS
(1290) NO. 668 THIRTY-SECOND ST., Oakland. Alterations.
Owner—Mrs. Hammerton, Premeises.
Architect—None.
Contractor—P. J. Pickering, 549 36th St., Oakland. $2000

DWELLING
(1291) NO. 2612 KINGSLAND AVE., Oakland. One-story 5-room dwlg.
Owner — Hugo Weltz, 3011 Capp St., Oakland.
Architect—None.
Contractor—F. G. Turner, 4521 Virginia Ave., Oakland. $4000

OFFICE, ETC
(1292) NW MARKET AND TWENTY-second, Oakland. One-story brick display room and office and two 1-story brick storage sheds.
Owner—Gladding, McBean Co., 22nd and Grove Sts., Oakland.
Architect—None.
Contractor — Dinwiddie Constr. Co., Crocker Bldg., S. F. $18,000

DWELLING
SW FAIRBANKS & WALKER AVES., Oakland. Two-story 7-room dwlg. and garage.
Owner—Albin W. Baker, Oakland.
Architect—Walter J. Mathewa, 927 Broadway, Oakland.
Contractor — J. F. Maganini, 351 12th St., Oakland. $17,000
NOTE—Recorded contract reported March 15, 1923, No. 1239.

ALTERATIONS
(1293) BERKELEY. Alter and move building.
Owner—S. M. Shapero, 2815 Grant St., Berkeley.
Architect—None.
Contractor—D. R. Strachan, 1909 16th Ave., Oakland.
Filed Mar. 16, 1923. Dated Mar. 13, 1923. Owner pays bills.
TOTAL COST, not over $1500

Bond, none; Sureties, none; Forfeit, $1,50; Limit, 41 days; Plans and specifications, none.

DWELLING
(1294) LOTS 17 & 18 BLK 2543/59 Park Place Subdivision 1, Oakland. All work for dwelling.
Owner — Rosalind A. & Winthrop L. Keep, Oakland.
Architect—None.
Contractor — Thomas W. Webb, 4663 Fair St., Oakland.
Filed Mar. 16, 1923. Dated Mar. 14, 1923.
Frame up ..... ¼
Brown coated ..... ¼
Completed and accepted ..... ¼
Usual 35 days ..... ¼
TOTAL COST, $6440
Bond, none; Sureties, none; Forfeit, none; Limit, 90 days; Plans and specifications, none.

DWELLING
(1295) LOT 31 BLK 34 AMENDED Map Fairmont Park, Albany. 1-sto. 5-room dwelling and garage.
Owner—C. A. & Hilda M. Coyle, 2437 Grant Blvd., Oakland.
Architect—None.
Contractor — H. Elmer Johnson, San Leandro.
Filed Mar. 16, 1923. Dated Mar. 8, 1923.
Frame up ..... ¼
Brown coated ..... ¼
Completed and accepted ..... ¼
Usual 35 days ..... ¼
TOTAL COST, $3250
Bond, none; Sureties, none; Forfeit, none; Limit, 66 days; Plans and specifications, none.

BANK
(1296) NW COR E-FOURTEENTH ST. and Fruitvale Ave., Oakland. 2-story conc. and tile bank.
Owner—Central National Bank, 14th & Broadway, Oakland.
Architect — Wm. Knowles, Cent. Bank Bldg., Oakland.
Contractor—E. T. Leiter & Sons, 3601 West St., Oakland. $75,000

APARTMENTS
(1297) S ALCATRAZ AVE. 240 W Hillegass, Oakland. 2-story 12-room apartments.
Owner—E. D. Bramlage, 1524 Capistrano Ave., Berkeley.
Architect—W. A. Doctor, 15th St., Oakland $10,000

DWELLING
(1298) 2430 SIXTY-FOURTH AVE., Oakland. 1-story 5-room dwelling.
Owner—L. T. Roberts, 3925 14th Ave., Oakland.
Architect—None. $3500

DWELLING
(1299) 2042 EIGHTY-SECOND AVE., Oakland. 1-story 3-room dwelling.
Owner—G. Lucas, 2050 82nd Ave., Oakland.
Architect—None.
Contractor—Barr & Son, 306 26th St., Oakland. $1680

DWELLING
(1300) N CLARENDON CRESCENT 600 E Mandana Blvd., Oakland. 2-story 7-room dwelling.
Owner—J. E. Smith, 2205 7th Ave., Okd
Architect—None.
Contractor — M. P. Brasch, American Bank Bldg., Oakland. $3000

DWELLING
(1301) 2818 & 2822 SHORT ST, Oakland. 2 1-story 5-room dwlgs.
Owner—M. Calleri.
Architect—None.
Contractor—A. E. Orton, 6800 Trenor St., Oakland. $2450 each

DWELLING
(1302) 6218 MANOA ST., Oakland. 2-story 6-room dwelling.
Owner—J. A. Marshall, 6320 Florio St., Oakland.
Architect—None. $5000

DWELLING
(1303) 1357 EXCELSIOR AVE., Oakland. 1-story 5-room dwelling.
Owner—Brown & Stenbro, 1707 Broadway, Oakland.
Architect—None. $3000

FLATS & STORE
(1304) W FORTY-FIFTH AVE. 100 N E-14th St., Oakland. 2-story 9-room flats and stores.
Owner—Wm. Souza, 1431 45th Ave., Okd
Architect—None.
Contractor—J. A. Stanley, 1436 45th Av. Oakland. $6000

DWELLING
(1305) 749 STRATFORD RD., Oakland 1-story 5-room dwelling.
Owner—Thomas Moran, 270 11th St., Oakland.
Architect—A. L. Baumbaugh, Monadnock Bldg., S. F.
Contractor — H. S. Batler, 5679 Oak Grove Ave., Oakland. $6000

DWELLING
(1306) 719 TYLER AVE., Oakland. 1-story 4-room dwelling.
Owner—J. A. Pickrell, 696 Nevada St., Oakland.
Architect—None. $2000

DWELLING
(1307) E FOURTEENTH AVE. 150 N E-20th St., Oakland. 1-story 4-room dwelling.
Owner—J. A. Feeley, 2342 44th Ave., Oakland.
Architect—None. $2800

DWELLING
(1308) 2907 EASTMAN AVE., Oakland. 1-story 3-room dwelling.
Owner—Carl Gieser, 4606 Fairfax Ave., Oakland.
Architect—None. $1500

DWELLINGS
(1309) S CALIF. 293 E Maple; S MAPLE AVE. 333 E California, Oakland. 2 1-story 5-room dwlgs.
Owner—Alameda Investment Co., Syndicate Bldg., Oakland.
Architect—None. $2450 each

ALTERATIONS
(1310) 514 THIRTY-EIGHTH ST Oakland. Alterations.
Owner—Mary S. Coppage, premises.
Architect—None.
Contractor—F. W. Thaxter, 3029 Regent St., Berkeley. $3000

DWELLING
(1311) 981 AILEEN ST., Oakland. 1-story 5-room dwelling.
Owner—Raymond Fountain, 989 Aileen St., Oakland.
Architect—None.
Contractor—B. O. Hadley, 1708 California St., Berkeley. $3100

DWELLING
(1312) 2315 EIGHTH AVE., Oakland. 1-story 5-room dwelling.
Owner—M. K. Lew, 8th Ave. and E-18th St., Oakland.
Architect—None.
Contractor—W. A. Walker, 545 17th St., Oakland. $3000

DWELLING
(1313) E PARK BLVD. 307 N Hampel, Oakland. 1-story 6-room dwelling.
Owner—M. P. S. Cabelleira, Pinole, Cal.
Architect—None. $3850

DWELLINGS
(1314) 3750, 3756, 3762 FOURTEENTH Ave., Oakland. Three 1-story 5-room dwellings.
Owner—L. H. Legris, 1351 Hampel St., Oakland.
Architect—None. $3750 ea.

DWELLING
(1315) NW COR. HOWE AND JOHN Sts. N 115xW 35, Oakland. All work for one-story 5-room dwelling.
Owner—Marguerita F. Liermann, 188 John St., Oakland.
Architect—None.
Contractor—Joseph Boeddeker, 1814 34th Ave., Oakland.
Filed Mar. 17, '23. Dated Mar. 7, '23.
Roof sheathed $900
Brown coated 600
Ready for paint 600
Completed and accepted 585
Usual 35 days 900
TOTAL COST, $3585
Bond, none. Limit, 65 days. Forfeit, none. Plans and specifications filed.

DWELLINGS
(1316) S LINCOLN AVE 320 W Eighth W 105xS 135, Alameda. Three one-story 5-room dwellings.
Owner—Mary A. Kane, 1704 Central Ave., Alameda.
Architect—None.
Contractor — Martin Allen, 578 Jones St., Oakland.
Filed Mar. 17, '23. Dated Mar. 16, '23.
Rafters set ..... ¼
Brown coated ..... ¼
Completed and accepted ..... ¼
Usual 35 days ..... ¼
TOTAL COST, $9300
Bond, $4650. Sureties, G. L. Tyler and Robert A. Hutchison. Limit, 90 days. Forfeit, plans and specifications, none.

BUILDING
(1317) LOT 4 ON MAIN ST. 100 E Madison, Albany. All work for building.
Owner—Victor Heyny, Albany.
Architect—None.
Contractor—E. D. Cushing, Albany.
Filed Mar. 17, '23. Dated Mar. 14, '23.
Foundation in .....$ 600
Frame up 1000
Plastered 1000
Completed 1000
Usual 35 days..... 1000
TOTAL COST, $4500
Bond, limit, forfeit, plans and specifications, none.

CLUB BLDG.
(1318) SW COR. BANCROFT WAY & Bowditch St. W 101xS 130, Berkeley. Excavation and concrete work for one-story and basement Class C club.
Owner—Masonic Club of U. C., Inc.
Architect—Carl Werner, Santa Fe Bldg San Francisco.
Contractor—C. L. Wold Co., 185 Stevenson St., San Francisco.
Filed Mar. 16, '23. Dated Mar. 14, '23.
1st day of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $7900
Two Bonds, $3950 each. Sureties, Fidelity & Deposit Co. and Herman Lawson and William G. Gilson. Limit, 35 days. Forfeit, $10. Plans and specifications filed.

(1319) STRUCTURAL STEEL ON above.
Contractor—Central Iron Works (a Corp.), 2050 Bryant St., S. F.
Filed Mar. 16, '23. Dated Mar. 14, '23.
Payments same as above.....
TOTAL COST, $12,392
Two Bonds, $6196 each. Sureties, Fidelity & Deposit Co. and Anselmo J. Schuler and A. B. Charlton. Limit, 40 days. Forfeit, $10. Plans and specificatians filed.

DWELLING
(1320) NO. 240 WILDWOOD AVE., Piedmont. One and one-half-story 5-room dwelling and garage.
Owner—N. Larson, 250 Wildwood Ave., Piedmont.
Architect—None. $5463

DWELLING
(1321) NO. 71 WILDWOOD AVE., Piedmont. One and one-half-story 7-room dwelling and garage.
Owner—J. E. Briscoe, Premises.
Architect—None. $6500

DWELLING
(1322) NO. 226 PARK VIEW AVE., Piedmont. Two-story 6-room dwelling and garage.
Owner—J. B. Peppen, 1432 Franklin St., Oakland.
Architect—None. $5500

DWELLING
(1323) NO. 122 PALM DRIVE, Piedmont. One-story 6-room dwelling and garage.
Owner—J. B. Peppen, 1432 Franklin St., Oakland.
Architect—None. $5000

DWELLING
(1324) NO. 2315 CURTIS, Berkeley. One-story 5-room dwelling.
Owner—Sam Lahti, 912 Bancroft Way, Berkeley.
Architect—None. $2600

DWELLING
(1325) NO. 1226 PARKER, Berkelely. One-story 4-room dwelling.
Owner—Charlie Schreiber, 1936½ Francis St., Berkeley.
Architect—None. $1500

FLATS
(1326) NO. 1826 AND 1828 SACRAmento, Berkeley. One-story 8-room flats.
Owner—Carl A. Alden, 1428 Hearst Ave., Berkeley.
Architect—None.
Contractor—Ben Pearson, 2407 Grant St., Berkeley. $4000

DWELLING
(1327) NO. 3019 ACTON, Berkeley. One-story 4-room dwelling.
Owner—Bruno Truss, 1120 Grand St., Alameda.
Architect—None. $2500

DWELLING
(1328) NO. 3100 PRINCE, Berkeley. One-story 5-room dwelling.
Owner—J. Erickro, 3061 Adeline St., Berkeley.
Architect—None.
Contractor — John Nelson, 2324 13th Ave., Berkeley. $3300

DWELLINGS
(1329) NO. 1715, 1717 AND 1719 ROSE St., Berkeley. Three one-story 5-room dwellings.
Owner—Rose & Bredehoft, 1620 Hopkins St., Berkeley.
Architect—None. $2500 each

APARTMENTS
(1330) NE COR. PARK BLVD. AND Brighton, Oakland. 3-story 27-rm. apartments.
Owner—Geo. P. Guyot, 3839 Park Blvd. Oakland.
Architect—F. Soderberg, 276 Perkins St., Oakland. $20,000

ALTER. & ADD.
(1331) 3758 LOMA VISTA AVE., Oakland. Alter. & Add.
Owner—Mrs. A. Walker, 3756 Loma Vista Ave., Oakland.
Architect—None.
Contractor—P. R. Devore, 2365 Foothill Blvd., Oakland. $10,000

ALTERATIONS
(1332) 464 CAVOUR ST., Oakland. Alterations.
Owner—L. Sigriest, 5185 Miles Ave., Oakland.
Architect—None.
Contractor—Wm. Blazier, Berk. $1000

DWELLING
(1333) 8819) BIRCH ST & 1912 102nd Ave., Oakland. 2 1-story 3-room dwellings.
Owner—Jacob Mang, 1835 89th Ave., Oakland.
Architect—None.
Contractor—Griffith & Nickerson, 1323 96th Ave., Oakland. $2300

ADDITION
(1334) 3750 THIRTY-FIFTH AVE., Oakland. Addition.
Owner—W. T. Wilson, premises.
Architect—None. $1000

ALTERATIONS
(1335) 1932 TWENTY-FIRST AVE., Oakland. Alterations.
Owner—F. Freitas, premises.
Architect—None.
Contractor—J. B. Silva, 2209 E-15th St. Oakland. $1275

FLATS
(1336) 1009-11 ELSINOR AVE., Oakland. 2-story 10-room flats.
Owner—E. Martins, San Francisco.
Architect—None.
Contractor—B. A. Stewart, 437 Perkins St., Oakland. $9295

DWELLING
(1337) E BRYANT AVE 210 S Ada St., Oakland. 1-story 5-room dwelling.
Owner—Mrs. G. Nunan, 5414 Broadway, Oakland.
Architect—None.
Contractor—F. Grunewald, 406 Hudson St., Oakland. $3950

ADDITION
(1338) 312 NEWTON AVE., Oakland. Addition.
Owner—Ada Cox, premiaes.
Architect—None.
Contractor—P. W. Van Doren, 357 12th St., Oakland. $1906

DWELLING
(1339) 2541 NINTH AVE., Oakland. 1-story 6-room dwelling.
Owner—C. K. Nichols, 355 12th St., Okd.
Architect—None. $4750

DWELLING
(1340) 383 CAVOUR ST., Oakland. 1-story 5-room dwelling.
Owner—L. Canepa, 5138 Lawton Ave., Oakland.
Architect—None.
Contractor—E. Campomenosi 5238 Lawton Ave., Oakland. $4000

DWELLING
(1341) LOTS 23 & 24, BLK A MAP Port Fitch Tract, Oakland. 1-story dwelling.
Owner—Antone & Julia Gomez.
Architect—None.
Contractor—F. C. Stolte, 3455 Laguna St., Oakland.
Filed Mar. 19, 1923. Dated Mar. 8, 1923.
Frame up .....$ 600
Completed and accepted 2750
Usual 35 days 1145
TOTAL COST, $4495
Bonds and Sureties, none; Forfeit, $1.00 day; Limit, 80 days; Plans and specifications filed.

DWELLING
(1342) LOT 6 BLK 15 LAKESHORE Highlands, Oakland. 1½-story dwlg
Owner—Mrs. W. C. & W. C. McClure.
Architect—None.
Contractor—F. C. Stolte, 3455 Laguna St., Oakland.
Filed Mar. 19, 1923. Dated Mar. 15, 1923.
Frame up $1910
Brown coated 1920
Completed and accepted 1910
Usual 35 days 1910
TOTAL COST, $7650
Bonds, Sureties and Forfeit, none; Limit, 95 days; Plans and specifications filed.

DWELLING
(1343) LOT 22 BLK D MAP CLINTON Mound Tract, Oakland. 1-story 6-room dwelling.
Owner—Esther H. Cooke, 2349 Valdez St., Oakland.
Architect—None.
Contractor—A. J. Yerrick, 5295 College Ave., Oakland.
Filed Mar. 19, 1923. Dated. Mar. 12, 1923.
Rafters on .....¼
Plastered .....¼
Completed and accepted .....¼
Usual 35 days .....¼
TATOL COST, $5828
Bonds, Sureties and Forfeit, none; Limit, as soon as possible; Plans and specifications filed.

PAINTING
(1344) 2529 HEARST AVE., Berkeley. Painting.
Owner—Association Lambda Chapter & Chi Phi A Corp
Architect—Bliss & Faville, Balboa Bldg San Francisco.
Contractor—I. R. Kissel, 1747 Sacramento St., San Francisco.
Filed Mar. 19, 1923. Dated Mar. 14, 1923.
Monthly 75%
Usual 35 days 25%
TOTAL COST, $3143
Bonds and Sureties, none; Forfeit, $10 day; Limit, May 1; Plans and specifications filed.

DWELLING
(1345) NO. 1101 LAUREL ST. Berkeley One-story 6-room dwelling.
Owner—Rudolph Gahl.
Architect—None.
Contractor—E. F. Henderson, 5744 Keith Ave., Oakland. $7000

DWELLING
(1346) NO. 1231 PARKER ST., Berkeley. One-story 5-room dwlg.
Owner—L. B. Turner, 1308 Blake St., Berkeley.
Architect—None. $3000

DWELLING
(1347) NO. 960 CRAGMONT, Berkeley. One-story 6-room dwelling.
Owner—F. O. Carlson, Premises.
Architect—None. $4500

DWELLING
(1348) 860 FORTY-SIXTH ST., Oakland. 1-story 4-room dwelling.
Owner—N. Curto, 959 43rd St., Oakland.
Architect—None.
Contractor—P. Garello, 870 47th St., Oakland. $2450

DWELLING
(1349) 2613 SIXTY-FOURTH AVE., Oakland 1-story 5-room dwelling.
Owner—Lewis Graham, 2740 77th Ave., Oakland.
Architect—None. $3000

DWELLING
(1350) 5338 EL CAMILE, Oakland. 1-story 5-room dwelling.
Owner—F. E. Hauscheild.
Architect—None.
Contractor—E. E. Rollins, 375 Athol Av Oakland. $3000

DWELLING
(1351) N EL CAMILE 200 W 55th Ave., Oakland. 1-story 5-room dwelling.
Owner—L. O. Warren, 4820 Congress St., Oakland.
Architect—None.
Contractor—Allen Rae, 2354 E-23rd St., Oakland. $2600

DWELLING
(1352) 1300 SEVENTY-NINTH AVE., Oakland. 1-story 5-room dwelling.
Owner—Allen Rae, 2354 E-23rd St. Okd.
Architect—None. $2400

DWELLING
(1353) W PIEDMONT AVE. 300 N Pleasant Valley Ave., Oakland. 2-2-story 5-room dwelling.
Owner—Carl M. Bastrim.
Architect—None.
Contractor—E. E. Rollins, 357 Athol Ave., Oakland. $3600

DWELLING
(1354) 1056 CLARENDON CRESCENT Oakland. 1-story 6-room dwelling.
Owner—C. M. Friden, 91 Monte Cresta Ave., Oakland.
Architect—None .
Contractor—G. W. Anderson, 251 Perkins St., Oakland. $6000

DWELLING
(1355) S HOLWAY 374 E Seminary, Oakland. 1-story 5-room dwelling.
Owner—G. C. Dickerman, 1412 Cornell Ave., Berkeley.
Architect—None. $3000

DWELLING
(1356) 333 PERRY, Oakland. 1-story 5-room dwelling.
Owner—G. W. Anderson, 251 Perkins St San Francisco.
Architect—None. $5000

FLATS
(1357) W WALKER AVE. 350 N Weldon St., Oakland. 2-story 10-room flats.
Owner—Mrs. M. T. Chloupek, 5421 Dover St., Oakland.
Architect—None. $8000
Contractor—W. T. Whitford, 421 42nd St., Oakland $8000

ADDITION
(1358) 725 E-TWELFTH ST., Oakland. Addition.
Owner—M. Epline, premises.
Architect—None. $1600

DWELLING
(1359) 5854 BROADWAY, Oakland. 1-story 6-room dwelling.
Owner—C. J. Pfrang, 480 Forest Ave., Oakland.
Architect—None. $6000

DWELLING
(1360) 405 VERNON ST. ,Oakland. 1-story 5-room dwelling.
Owner—Carrie Bilger, 407 Vernon St., Oakland.
Architect—None.
Contractor—E. H. Adams, 2840 23rd Av Oakland. $4400

SEWER
(1361) ENGINEERS STATION 938+85 Elmhurst, Oakland. Install sewers.
Owner—S. P. Co.
Architect—None.
Contractor— Neidrenghaus Metalware Corp., Oakland.
Sub-contractor — T. F. Geary (John Geary Sons), 351 12th St., Oakland.
Filed Mar. 20, 1923. Dated Mar. 2, 1923. Bond, $500; Sureties, Globe Indemnity Co.; Forfeit, none; Limit, none; Plans and specifications, none.
Payments not given.
TOTAL COST, $....
Sub-contractor agrees to keep S. P. tracks in good condition while putting sewer under them.

SEWER
(1362) OAKLAND. Sewer for factory.
Owner—Western Steel & Package Co., Alameda.
Architect—None.
Contractor — John Geary's Sons, 351 12th St., Oakland.
Filed Mar. 20, 1923. Dated Mar. 19, 1923. Payments not given.
TOTAL COST, $750
Bond, Sureties, Forfeit, Limit, Plans and Specifications, none.

STORE BLDG.
(1363) SW E-FOURTEENTH & SE 3rd Ave. SW 52 SE 50, Oakland. 1-story frame store bldg.
Owner—David Fitzgerald, E-14th St. & 3rd Ave., Oakland.
Architect—L. F. Hyde and L. R. Hazeltine.
Contractor—M. E. Hopper & Son, 1117 Webster St., Oakland.
Filed Mar. 19, 1923. Dated Mar. 2, 1923.
Frame up $1760
Brown coated 1760
Completed and accepted 1760
Usual 35 days 1100
TOTAL COST, $6380
Bond, Sureties, Forfeit, none; Limit, 60 days; Plans and specifications filed.

BUILDING
(1364) N EIGHTEENTH ST. 114 W Peralta St., 90x110. Oakland. 1-sto. manufacturing building.
Owner—Jones & Richeson, 170 2nd St., San Francisco.
Architect — N. W. Sexton, Chronicle Bldg., San Francisco.
Contractor—M. E. Hopper & Son, 1117 Webster St., Oakland.
Filed Mar. 19, 1923. Dated Mar. 6, 1923.
Frame up .....¼
Conc. floor laid .....¼
Completed and accepted .....¼
Usual 35 days .....¼
TOTAL COST, $9840
Bond, $4920; Sureties, Globe Indemnity Co.; Forfeit, $20 day; Limit, 30 days; Plans and specifications filed.

STORE & LOFT BLDG.
(1365) E FRANKLIN ST. 452 N 14th St. N 25.3 E 150, Oakland. 2-story store and loft building.
Owner—Rupert Whitehead.
Architect—Chas. W. McCall and Chas. T. Davis, Central Bank Bldg., Okd.
Contractor—M. E. Hopper & Son, 1117 Webster St., Oakland.
Filed Mar. 19, 1923. Dated Mar. 9, 1923.
1st & 15th day each month.....75%
Usual 35 days 25%
TOTAL COST, $29,380
Bond, $14,690; Sureties, Fidelity & Deposit Co.; Forfeit, $10 day; Limit, 100 days; Plans and Specifications filed.

DWELLING
(1366) NO. 2540 GRANT ST., Berkeley. One-story 5-room dwelling.
Owner—J. L. Rankin, 5722 Keith Ave., Oakland.
Architect—None. $3500

DWELLING
(1367) NO. 1630 RUSSELL ST., Berkeley. One-story 3-room dwelling.
Owner—Frank E. Peffer, 1336 San Pablo Ave., Berkeley.
Architect—None. $1500

DWELLING
(1368) NO. 1336 HEARST AVE., Berkeley. One-story 5-room dwelling.
Owner—Adeline B. Croyland, Berkeley Inn, Berkeley.
Architect—None.
Contractor—Fox Bros., 1814 Hearst Ave., Berkeley. $2300

DWELLINGS
(1369) NO. 533, 539, 545 E-TWENTIETH Oakland. Three one-story 5-room dwellings.
Owner—Hinch & Whalen, Federal Bldg., Oakland.
Architect—None. $3950 each

DWELLING
(1370) S SCENIC AVE 130 E Lincoln Ave., Oakland. One-story 4-room dwelling.
Owner—E. T. Matteson, 3629 Laguna Ave., Oakland.
Architect—None. $2600

DWELLING
(1371) NO. 1520 FORTY-EIGHTH Ave., Oakland. One-story 4-room dwelling.
Owner—Antone Costa Silva, 1829 E-17th St., Oakland.
Architect—None.
Contractor—A. E. Silva, 1829 E-17th St., Oakland. $2500

DWELLING
(1372) NO. 3459 SCHOOL ST., Oakland One-story 5-room dwelling.
Owner—Robt. Toller.
Architect—None.
Contractor — W. C. Constable, 3306 School St., Oakland. $3600

DWELLING
(1373) NO. 2034 EIGHTIETH AVE., Oakland. One-story 3-room dwlg.
Owner—A. Schomig, 2180 45th Ave., Oakland.
Architect—None. $1000

DWELLING
(1374) NO. 2466 SIXTY-FOURTH AV., Oakland. One-story 5-room dwlg.
Owner—F. Schneider, 1563 36th St., Oakland.
Architect—None.
Contractor—G. W Steffen, 1941 Crosby Ave., Oakland. $2900

DWELLING
(1375) NO. 1024 E-TWENTIETH ST., Oakland. One-story 5-room dwlg.
Owner—Dr. R. H. Allen, 2004 10th Ave., Oakland.
Architect—None.
OContractor—M. Jordan, 5844 Broadway, Oakland. $2750

DWELLING
(1376) N E-SIXTEENTH 70 W Twenty-ninth Ave., Oakland. One-story 5-room dwelling.
Owner—G. H. Rohrbacker, 1516 Fruitvale Ave., Oakland.
Architect—None.
Contractor—A. Fredrickson, 2840 E-16th St., Oakland. $4000

DWELLING
(1377) NO. 839 MANDANA BLVD., Oakland. One-story 6-room dwlg.
Owner—H. G. Williams, 1921 Grove St., Oakland.
Architect—None.
Contractor — J. F. Loughrey, 705 31st St., Oakland. $6000

APARTMENTS
(1378) W TERRACE 250 N Ridgeway, Oakland. Two-story 12-room apartments.
Owner—Capt. H. Marshall, 4230 Terrace St., Oakland.
Architect—None.
Contractor — M. P. Brasch, American Bank Bldg., Oakland. $12,000

DWELLING
(1379) E SEMINARY AVE 160 S Tevis, Oakland. One-story 5-room dwelling.
Owner—Angelo Luchetti, 5300 E-10th St., Oakland.
Architect—None.
Contractor—Chas. Angaretti, 1393 18th St., Oakland. $2500

DWELLING
(1380) S SANTA RAY 150 W Paloma, Oakland. One-story 5-room dwlg.
Owner—E. Field, American Bank Bldg., Oakland.
Architect—None. $5000

DWELLING
(1381) S FLORIDA 270 W Maple Ave., Oakland. One-story 5-room dwlg.
Owner—A. E. Clark, 2510 E-21st St., Oakland.
Architect—None.
Contractor—Alder & Clark, 2510 E-21st St., Oakland. $4000

DWELLING
(1382) NO. 1307 SEVENTY-NINTH Ave., Oakland. One-story 5-room dwelling.
Owner—Pratt & Lavaysse, 1305 Filbert St., Oakland.
Architect—None. $2400

ALTERATIONS
(1383) NO. 3940 E-FOURTEENTH ST. Oakland. Alterations and additions
Owner—Harry P. Parsons, Premises.
Architect—None.
Contractor—E. O. Francis, Prem. $2500

STORES
(1384) SE SEVENTY-FIRST AVE & E-Fourteenth, Oakland. One-story frame stores.
Owner—Broadway Grill, 1101 Broadway, Oakland.
Architect—None.
Contractor—J. J. Power, 774 20th St., Oakland. $13,000

BANK
(1385) NW FRUITVALE AVE & NE E-14th St., NE 95.80 NW 50, Oakland. 2-story class C bank.
Owner—Central National Bank of Oakland.
Architect—Wm. Knowles, Hearst Bldg., San Francisco.
Contractor—E. T. Leiter & Sons, 3601 West St., Oakland.
Filed Mar. 21, 1923. Dated Mar. 21, 1923.
Conc. poured .....¼
Plastered .....¼
Completed and accepted .....¼
Usual 35 days .....¼
TOTAL COST, $72,567
Bonds, Sureties, Forfeit, none; Limit, 120 days; Plans and Specifications filed.

(1386) NO. 2123 STUART ST., Berkeley. One-story 5-room dwelling.
Owner—L. B. Bent, 2124 Parker St., Berkeley.
Architect—None.
Contractor—E. M. Bent, 2124 Parker St., Berkeley. $3000

DWELLING
(1387) 3425 PAXTON ST., Oakland. 1-story 5-room dwelling.
Owner—F. Hammel, 2380 E-16th St., Oakland.
Architect—None. $2700

ALTERATION
(1388) 62 MONTE VISTA AVE., Oakland. Alterations.
Owner—Mrs. Florence Gray, premises.
Architect—None.
Contractor—R. D. Grimes, 355 12th St., Oakland. $1429

DWELLING
(1389) W SIXTY-FOURTH AVE. 70 S Bromley, Oakland. 1-story 5-room dwelling.
Owner—E. A. Dicky, 1019 Lakeshore Ave., Oakland.
Architect—None.
Contractor—L. A. Adams, 1015 Lakeshore Ave., Oakland. $4200

DWELLING
(1390) E STRATFORD RD. 250 S Trestle Glen, Oakland, 2-story 7-rm dwelling.
Owner—Mrs. La Grange, Elita Apts., Oakland.
Architect—None.
Contractor—Jas. L. Rich, 743 Hilgirt Circle, Oakland. $6000

DWELLING
(1391) E FIFTY-FIFTH AVE. OPP. Trumbull, Oakland, 1-story 5-room dwelling.
Owner—Edwin Bunney, 1821 E-14th St., Oakland.
Architect—None.
Contractor—C. L. Hewitt, 2736 98th Ave Oakland. $4000

DWELLING
(1392) 3835 WHITTLE St., Oakland. 1-story 3-room dwelling.
Owner—Thos. McLeod, 3704 Rhodes Ave Oakland.
Architect—None.
Contractor—Lester Van Ness 2536 Hopkins St., Oakland. $2000

DWELLING
(1393) SW COR. SIXTY-FIRST AVE. & Foothill Blvd., Oakland. 1-story 5-room dwelling.
Owner—Hill & Walters, 1600 High St., Oakland.
Architect—None. $3000

DWELLING
(1394) NE COR SANTA RAY & VIONA Oakland. 1-story 7-room dwelling.
Owner—B. B. Hook, 209 Post St., San Francisco.
Architect—None.
Contractor—C. Tollefsen, 5817 E-17th St., Oakland. $6500

DWELLING
(1395) 2227 FOURTEENTH AV., Oakland. 1-story 5-room dwelling.
Owner—Edwin W. Dahl, 2435 E-24th St. Oakland.
Architect—None. $3000

DWELLING
(1396) 2121 SIXTY-SECOND AV. Oakland. 1-story 5-room dwelling.
Owner—Mike Jurich, 6225 Avenal Ave., Oakland.
Architect—None. $3000

DWELLING
(1397) 2759 TWENTY-SIXTH AVE., Oakland. 1-story 5-room dwelling.
Owner—John Nothdurft, 1041 34th Ave., Oakland.
Architect—L. F. Hyde, 2745 26th Ave., Oakland. $3500

DWELLINGS
(1398) E COURTLAND AVE. 60, 100, 140, 180 S Virginia, Oakland. Four 1-story 4-room dwellings.
Owner—A. Tonjes, 3224 High St., Oakland.
Architect—None.
Contractor—W. J. Meyer, 3224 High St., Oakland. $2250 ea.

DWELLING
(1399) S FORTY-THIRD ST. 300 W Telegraph, Oakland. 1-story 5-room dwelling.
Owner—Nicola Garberino, 5153 43rd St., Oakland.
Architect—None.
Contractor—Pio Benassini, 6111 Miles Ave., Oakland. $3500

DWELLING
(1400) 4836 PARK BLVD., Oakland. 1-story 5-room dwelling.
Owner—L. S. Cote, 6202 Grove St., Oakland.
Architect—None.
Contractor—The Holton Co., Syndicate Bldg., Oakland. $5000

DWELLING
(1401) N MADERA 145 E Kingsland, Oakland. 1-story 3-room dwelling.
Owner—S. Moll, 3400 Madera Ave., Okd.
Architect—None. $2000

DWELLING
(1402) 2457 SIXTY-FIRST AVE., Oakland. 1-story 5-room dwelling.
Owner—Frank Lapham, 2451 61st Ave., Oakland.
Architect—None.
Contractor—Wm. S. Kepple, 2619 62nd Ave., Oakland. $3500

SCHOOL
(1403) PARK BLVD. & HOPKINS ST., Oakland. 2-story conc. school.
Owner—City of Oakland.
Architect—None.
Contractor — Walter Murch, Federal Bldg., Oakland. $76,066

APARTMENTS
(1404) N E-TWELFTH ST. 80 W 1st Ave., Oakland. 2-story 20-rm. apts.
Owner—A. W. Meyer, 1534 Franklin St. Oakland.
Architect—None.
Contractor — Calif. Builders Co., 1534 Franklin St., Oakland. $20,000

FLATS
(1405) W CLAREMONT AVE. 295 S College Ave., Oakland. 2-story 16-room flats.
Owner—Geo. W. Williams, 2756 Claremont Ave., Oakland.
Architect—None.
Contractor—J. W. Swift, 5460 Shafter Ave., Oakland. $13,000

DWELLING
(1406) PTN LOT 3 BLK B MAP THE De Wolf Tract, Oakland. All work for 1-story 5-room dwelling.
Owner—Emma Brennan, 210 Church St., San Francisco.
Architect—None.
Contractor — Jos. Flittner, 1700 35th Ave., Oakland.
Filed Mar. 22, 1923. Dated Mar. 20, 1923.
Frame up ..... ¼
Brown coated ..... ¼
Completed and accepted ..... ¼
Usual 35 days ..... ¼
TOTAL COST, $3600
Bonds, Sureties, none; Forfeit, $1.00 day; Limit, 90 days; Plans and specifications filed.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Accepted

Mar. 16, 1923—W THIRTY-EIGHTH 147 S Lyon Ave 36x110, Oakland. J W Sigwald to whom it may concern.....Mar. 16, 1923
Mar. 16, 1923—W THIRTY-EIGHTH Ave 183 S Lyon Ave 34x110, Oakland. J W Sigwald to whom it may concern.....Mar. 16, 1923
Mar. 16, 1923—PTN LAND DERBY Estate Co. Map Ptn Lands Derby Estate Co., being NW E-Thirteenth St. and Fruitvale Ave., Oakland. D Harding to R K Larsen. Mar. 16, 1923
Mar. 16, 1923—NO. 3876 CERRITO Ave., Oakland. N J Sutherland to G F Estev.....Mar. 10, 1923
Mar. 16, 1923—LOT 11 BLK 9, Hayes and Capperton Tract, Alameda. John N Daniel to whom it may concern.....Mar. 15, 1923
Mar. 16, 1923—E EAST OAK 160 S Prospect Ave S 40xE 150, Oakland. O E Heine to whom it may concern .....Mar. 10, 1923
Mar. 16, 1923—NW 30 LOT 8 and SE 5 Lot 7 Blk "E" Map Bella Vista Park, Oakland. Albert Hammarberg to whom it may concern.....March 15, 1923
Mar. 16, 1923—E SAN PABLO AVE 121.7 N Forty-fifth N 29.88¼ E 100 S 29.88¼ W 100, Oakland. George G Mackinnon to Marshall & Burks .....March 15, 1923
Mar. 16, 1923—NO. 1922 TWENTY-fourth, Oakland. Chas Anderson to whom it may concern. Mar. 1, 1923
Mar. 16, 1923—LOT 15 Map 4th Ave. Terrace Extn, Oakland. Jens K Nielsen to Jensen & Peterson.....March 16, 1923
Mar. 17, 1923—LOT 1 BLK "E" Map Lakeshore Terrace, Oakland. Chas S Smith to A Hendricksen.....March 17, 1923
Mar. 17, 1923—E VENTURA 90 N Sonoma, Berkeley. Arch G McArthur to C A Doyle....Mar. 3, 1923
Mar. 17, 1923—NW EIGHTY-FIFTH Ave 80 SW Plymouth SW 40xNW 132.50, Oakland. Ella R Spriggs to whom it may concern..Mar. 15, 1923
Mar. 17, 1923—N HOLWAY 174 W 62n Ave., Oakland. C B Deuble to K A Johansen.....Mar. 16, 1923
Mar. 17, 1923—S HOLWAY 138 W 62nd Ave., Oakland. C B Deuble to C W Lindquist.....Mar. 16, 1923
Mar. 17, 1923—N HOLWAY 138 W 62d Ave, Oakland. C B Deuble to K A Johanson.....March 16, 1923
Mar. 17, 1923—S HOLWAY 174 W 62d Ave. Oakland. C B Deuble to C W Lindquist.....Mar. 16, 1923
Mar. 17, 1923—LOT 55 Lake Knoll Tract, Oakland. Rose Bates to Roy O Long Co.....Mar. 16, 1923
Mar. 17, 1923—LOTS 42, 43, 44 and 45 Sbdvn Surryhine Tct, Oakland. United Autograhpic Register Co to Walter Murch.....Mar. 17, 1923
Mar. 19, 1923—LOT 22 BLK 3, Fruitvale Garden Farms Tract, Oakland. David H Farnsworth and James L Leeper to whom it may concern.....Mar. 19, 1923
Mar. 19, 1923—PTN LOTS 26 AND 27 BLK 2 Map Oak Lawn, Oakland. A G Bowles to Adolph Morgensen.....March 16, 1923
Mar. 19, 1923—LOT 28 Maple Heights Tract, Oakland. A E Clark to Alder & Clark.....Mar. 17, 1923
Mar. 19, 1923—E TWENTY-THIRD Ave 77 S E-22nd St., Oakland. A W Fall to George Smith..Mar. 16, 1923
Mar. 19, 1923—LOT 2 BLK "F" Map Broadway Terrace, Oakland. Ada J and Frank Lane to Dexter Darling .....Feb. 1, 1923
Mar. 20, 1923—LOT 29 BLK 4, South Lakeshore Glen, Oakland. Ernest and Johanna Held to Ole Hedeen.....March 16, 1923
Mar. 20, 1923—NE SANTA CLARA AV 90 NW Mound NW 40xNE 105, Alameda. E Wilcox to F J Thelle.....March 15, 1923
Mar. 20, 1923—LOT 33 College Court Oakland. James Bezemek to Chas E Burks.....March 16, 1923
Mar. 20, 1923—SE SEMINARY AVE & Camden, Oakland. P A Harris to C W Lindquist.....Mar. 19, 1923
Mar. 20, 1923—PTN LOT 7 BLK "U" Revised Map Oakland Heights, Oakland. Jeanette H Roth to C M Griffin .....March 19, 1923
Mar. 21, 1923—LOT 22 BLK 17 Map Lakeshore Highlands, Oakland. Harry and Ivy W Gillam to Guy L Brown.....Mar. 20, 1923
Mar. 21, 1923—NO. 1017 EIGHTH AV., Oakland. Sarah E Hughes to Alex F Marshall.....Mar. 7, 1923
Mar. 21, 1923—LOT 16 BLK "J" Map Northbrae Terrace, Berkeley. Sadie M Hunter to whom it may concern.....Mar. 19, 1923
Mar. 21, 1923—LOT 11 BLK "V" Map No. 2, Sbdvn Ptn Central Oakland Tract East Telegraph Ave., Oakland. Hilda Anderson and Bina P Lundin to C C Foss....Mar. 20, 1923
Mar. 21, 1923—LOT 30 BLK 3, Map Thousand Oaks, Berkeley. Thomas W Price to whom it may concern.....March 20, 1923
Mar. 20, 1923—NE NINETEENTH & Broadway N 93xE 150, Oakland. Mills Building Co to whom it may concern.....Dec. 4, 1922
Mar. 22, 1923—NO. 2836 SAN PABLO Ave., Oakland. James L Bell to M E Hopper & Son.....Mar. 21, 1923
Mar. 22, 1923—E WALNUT 110 S Alameda Ave., Alameda. Ida May Cramer to Alex C Wieben. Mar 7, 1923
Mar 2, 1923—LOT 14 BLK 8, Mathews Tract, Berkeley. Alma E Turner to whom it may concern...Mar. 21, 1923
Mar. 21, 1923—LOT 54 and W 12½ Lot 53 Blk 2 Map Solano Ave Terrace, Berkeley. Evan D Bramlage to whom it may concern. Mar. 17, '23
Mar. 22, 1923—(1)N TWENTY-NINTH 357 W Telegraph Ave; (2) S 30th 430 W Telegraph Ave, Oakland. M G Kendall to California Builders Co.....Mar. 21, 1923
Mar. 22, 1923—NE HOLWAY AND Seminary Ave., Oakland. Fred L Hewitt to whom it may concern.....March 21, 1923
Mar. 22, 1923—S ALCATRAZ AVE 50 E Dover 40x103, Berkeley. Mrs. Adelsack Grant to C A Doyle....—

Mar. 22, 1923—LOT 31 BLK 9 Map 4th Ave. Heights, Oakland. Karl S Fredrickson to whom it may concern.....Mar. 22, 1923
Mar. 2, 1923—LOT 6 BLK "B" Map King Tract, Oakland. Emma Brennan to Jos Flittner.....Mar. 19, 1923
Mar. 22, 1923—1114 FIFTY-EIGHTH Ave. Oakland. W L and Alice A Reichardt to — Merritt.....
.....Feb. 6, 1923

LIENS FILED

ALAMEDA COUNTY

Recorded Amount
Mar. 16, 1923—NW NINETY-EIGHTH Ave and NE Sunnyside NE 258.54 NW 266 SW 258.32 SE 266, Oakland. Pacific Electric Motor Co vs Jason C Le Duc and U S Light & Heat Corp $1144.30
Mar. 19, 1923—NE THIRTY-FIFTH and West E 84xN 100.2½, Oakland. Jewell Electric Co vs J M Hogan, W A Siebe, Hugh and J P Baird.$25
Mar. 19, 1923—NW DIVISION AND E-Thirty-eighth N 90xW 50, Oakland. Jewell Electric Co vs Grace Shoemaker and J M Hogan.....$40
Mar. 20, 1923—LOT 39 BLK "G" Map Fourth Avenue Terrace, Oakland. Hogan Lumber & Mill Co vs Richard T Care and George A Williams $281.59
Mar. 21, 1923—NE E-EIGHTEENTH and SE Park Blvd SE 165xNE 100, Oakland. George A Williams vs Dimitrios P Kalitsas.....$15,309
Mar. 22, 1923—W MAPLE AVE 185.65 N Carmel N 45xW 145, Oakland. Sunset Lumber Co vs E Spooner and Carrie M Morgan.....$287.27

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded Amount
Mar. 17, 1923—LOTS 12 AND 13 BLK 2, Map East Oakland Heights, Oakland. J T Kingrea to Fred and Anna M Johnson.....$1153
Mar. 17, 1923—LOT 32 BLK 3, Map Northbrae, Berkeley. Duner-Matheny Sash & Door Co to Henry M Hink and Gustaf Johanson....$723.65
Mar. 19, 1923—LOT 20 BLK 22 Map Ppty L. M. Beandry and G. Paladean, Oakland. M F Wise to Nellie Hale $240

Notice of Non-Responsibility

ALAMEDA COUNTY

Mar. 20, 1923—LOT 17 and NE 12-6 Lot 18 Blk 2, Map Key Route Heights, Oakland. Alameda Invst Co as to improvements on property
Mar. 20, 1923—LOTS 4 AND 5 BLK 2, Map Key Route Heights, Oakland. Alameda Invst Co as to improvements on property.....
Mar. 21, 1923—LOTS 19 AND 20 BLK 4, Map Key Route Heights, Oakland. Alameda Invst Co as to improvements on property.....

BUILDING CONTRACTS

SANTA CLARA COUNTY.

$1,000 and Over Reported

SCHOOL
MOUNTAIN VIEW. Concrete and carpenter work for union high school building.
Owner—Board of Trustees Mt. View Union High School Dist., Mt. View.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
Contractor—John D. Carlson, Turlock.
Filed Mar. 10, '23. Dated Mar. 5, '23.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, $79,744
Two bonds, $39,872.03 each. Surety, Fidelity & Casualty Co. of New York. Limit, 150 working days. Forfeit, none Plans and specifications filed.

GLASS AND GLAZING ON ABOVE.
Contractor—W P. Fuller & Co., Beale and Mission St., San Francisco.
Filed Mar. 10, '23. Dated Mar. 5, '23.
Payments same as above.....
TOTAL COST, $2285
Two Bonds, $1142.50 each. Surety, Fidelity & Casualty Co., of Maryland. Limit, 150 working days. Forfeit, none. Plans and specifications filed.

IRON AND STEEL ON ABOVE.
Contractor—Fair Mfg. Co., 617 Bryant St., San Francisco.
Filed Mar. 10, '23. Dated Mar. 5, '23.
Payments same as above.....
TOTAL COST, $3543
Two Bonds, $1171.50 each. Surety, New Amsterdam Casualty Co. Limit, 150 working days. Forfeit, none. Plans and specifications filed.

APARTMENTS
COR. HAMILTON AVE AND FULTON St., Palo Alto. All work for one-story duplex apartment house and garage.
Owner—Estelle Pearl Carter, Palo Alto
Architect—None.
Contractor—The Minton Co., Mt. View.
Filed Mar. 12, '23. Dated Mar. 8, '23.
Frame up and sheathed.....$1941.75
Inside plastering on and 2nd coat on outside 1941.75
Completed and accepted..... 1941.75
Usual 35 days..... 1941.75
TOTAL COST, $7767.00
Bond, $3883.50. Sureties, Margerie Minton and William P. Wright. Limit, 120 working days after Mar. 15, 1923. Forfeit, none. Plans and specifications filed.

FRAME BUILDING
135 FEET N OF THE ALAMEDA, th E 62½ N 35 W ..2½ and S 35, Rhodes Court. All work for one-story frame building.
Owner—Clarence A. Caswell, 166 W-17th St., San Jose.
Designer—Chas. S. Collins, 832 Willow St., San Jose.
Contractor—Chas. S. Collins, 832 Willow St., San Jose.
Filed Mar. 16, '23. Dated Mar. 14, '23.
Frame up $949
1st coat plaster on..... 949
Completed 949
Usual 35 days..... 949
TOTAL COST, $3796
Bond, none. Limit, 90 working days after Mar. 16, 1923. Forfeit, none. Plans and specifications filed.

DWELLING
PTN LOTS 10 AND 11 Sunol Addition, San Jose. All work for one-story double dwelling.
Owner—Mrs. Meta E. Cottle, San Jose.
Designer—A. J. Nielsen, 156 S-20th St., San Jose.
Contractor—A. J. Nielsen, 156 S-20th St., San Jose.
Filed Mar. 16, '23. Dated Mar. 9, '23.
Outside studding in place.....$1275
Ready for plastering..... 1275
Completed 1275
Usual 35 days..... 1275
TOTAL COST, $5100
Bond, none. Limit, 70 working days from March 10, 1923. Forfeit, none. Plans and specifications filed.

COTTAGE, four-room, $1280; Empire St., near 17th, San Jose; owner, Tarplee & Blackwell, 650 N-19th St., San Jose.
COTTAGE, four-room, $2800; Twenty-sixth and McKee Sts., San Jose; owner, Mrs. P. G. Clifton; contractor M. Brown.
ALTER residence into apartments, $5000; No. 111 Colfax St., San Jose; owner, Ed. Distel; contractor, H. R. Sherman, 528 Chapman St., San Jose.
ALTER residence to apts, $6000; 92 S Fifth, San Jose; owner, Mre. M. D. Dickinson, premisee; architect, G. M. Latta, 25 Rhodes Court.
COTTAGE, 6-room, $3000; Grant and Spencer, San Jose; owner, Ferreira and Netto.
COTTAGE, 4-room, $2400; Grant and Spencer, San Jose; owner, Ferreira and Netto.
RESIDENCE, 6-room, $12,000; Third & Currie, San Jose; owner J. H. Blake 661 S 3rd St., San Jose; Architect, Chas. S. McKenzie, Bank of San Jose, San Jose.
COTTAGE, 5-room, $3000; 17 near Empire, San Jose; owner, W. A. Hinds, 45 Oak St., San Jose.
ALTERATIONS, $1000; 55 Fox Ave., San Jose; owner, Geo. Griswold, 55 Fox St., San Jose; contractor, McCombs and Lomax, 214 Holson St., San Jose.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Accepted
Mar. 9, 1923—LOTS 14 AND 15 BLK 11, Rose Lawn, San Jose. J D Mace to whom it may concern...
.....March 8, 1923
Mar. 10, 1923—PTN LOT 192 BLK 17, Cook and Branham Addition. Ruth O'Neil to whom it may concern..
.....March 7, 1923
Mar. 10, 1923—CAMPBELL, Board of Trustees Campbell-San Tomas Un Grammar School Disto to W P Fuller, Mar. 7; Gladding, McBean & Co, Mar. 7; Fair Mfg Co, Mar. 7; Joost Bros, Mar. 7; Rucker-Fuller Desk Co, Mar. 7; Fink & Schindler Co, Mar. 7; Florent Gardiser, Mar. 7; Century Elec Co, Mar. 7; Malott & Peterson, Mar. 7; Hoff Magnesite Co. .....Mar. 7, 1923
Mar. 10, 1923—LOT 26 BLK 3, Rose Lawn, San Jose. Harry F Dowell to whom it may concern. Mar. 9, 1923
Mar. 10, 1923—LOT 4 BLK 3, Lincoln Residenc Park, San Jose. Anna R Cottle to F C Nelson....Mar. 9, 1923
Mar. 12, 1923—FOURTEENTH AND St. John Sts., San Jose. Adelaide & Mary Lamoureux to F W Brown
.....March 2, 1923
Mar. 13, 1923—LOTS 12 & 14 BLK 1 Burrell Park. K. L. Burrell to E. Crosby and J. Wilkinson.....
.....Mar. 7, 1923
Mar. 17, 1923—391 SO. TENTH ST. San Jose. Elizabeth B. Dodson to whom it may concern..Mar. 15, 1923
Mar. 17, 1923—ON EAST SIDE OF Orchard St. near Santa Clara St., San Jose. Clotilda M. Costa to H. R. Sherman .....Mar. 15, 1923
Mar. 16, 1923—PART LOT 2 BLK 62 Palo Alto. Robert F. Duryea to whom it may concern..Mar. 14, 1923
Mar. 15, 1923—PART OF ASHBY Addition, City of Palo Alto, Cal. John A. Dale to W .M. Bernard..Mar. 1, '23
Mar. 14, 1923—PART OF BLK 81, Vineyard Homestead Assn. Chas. Knudsen to whom it may concern
.....Mar 14, 1923
Mar. 14, 1923—PART OF LOT 4 BLK 32 Palo Alto. Dale H. Nichola to whom it may concern....Jan. 4, 1923
Mar. 19, 1923—LOT 15 BLK 35, South Palo Alto. Cleon B Smith to W S Couter & Co.....Mar. 15, 1923
Mar. 20, 1923—LOT 14 BLK 4, Maypark Half Acres. O L Hazelton to whom it may concern. Mar. 20, '23
Mar. 20, 1923—NORTH CENTRAL 1 acre of Lot 6, Roberts Sub of Rcho de la Rinconado de Los Gatos. Olive W Knowles to R Jorgensen..
.....March 14, 1923

LIENS FILED

SANTA CLARA COUNTY

Recorded Amount
Mar. 10, 1923—LOT 15 BLK 4, Alameda Park Tract, San Jose. Trustees of Building Trades Council of San Jose vs Joseph Francis...$198.57
Mar. 10, 1923—LOT 58 V. A. Hancock Sub No. 1, City of San Jose. Trustees of Building Trads Council of San Jose vs R S Purdy.....$45.30
Mar. 10, 1923—PTN LOT 3 BLK 38, City of San Jose. Trustees of Building Trades Council of San Jose vs Rose M and Lillie B Carter
.....$407.40
Mar. 10, 1923—NO. 948 E-JULIAN ST., San Jose. Trustees of Building Trade Council of San Jose va Mary McMahon $54.90
Mar. 12, 1923—LOT 4 BLK 6, Hanchett Residence Park, San Jose. S Coronado vs Phillip and Mary J Blum..... .....$228.65
Mar. 12, 1923—LOT 4 BLK 6, Hanchett Residence Park, San Jose. Ed Delmaestro vs Phillip and Mary J Blum $875
Mar. 14, 1923—E SIDE CHARLESton Rd about ½ mile n of S. P. R.R. being tract of land formerly owned by Charles Swall. The Minton Company vs. Joseph Silva, John Silva and George Costa $231.50
Mar 13, 1923—LOTS 18, 19 & 20 BLK 144, Town of Alviso. Frank Perea vs. Aldrich Reuner $325.00
Mar. 16, 1923—LOT 18 BLK 6 RANGE 6 South Snow and Pettis addition to Town of Mt. View. Carl Lindholm vs. Anna Simpson, and Town

of Mountain View, and State of California $100.70
Mar. 19, 1923—LOT 23 Chace Park Ave Lots, San Jose. L W Bastian vs Jerome and Emily Garcia.....$65

RELEASE OF LIENS

SANTA CLARA COUNTY

Recorded — Amount

Mar. 9, 1923—LOT 20. Catherine Dunne Ranch Map No. 5, San Jose. Geo B Peart to W C and Sarah Polar $102.85
Mar. 21, 1923—89.90 ACRES m or l on San Felipe Road, part of J J Curran Tract. John W William to Albert Haentze.....$120

BUILDING CONTRACTS

SACRAMENTO COUNTY

$2,500 and Over Reported

FLAT BLDG., 2-sto, $12,500; 1614 24th St., Sacramento; owner, C. E. Mahoney, 1609 26th St., Sacramento; contractor, R. M. Smith, 2635 3rd St., Sacramento.
ADDITION of 6 rooms to school bldg., $31,194; 1716 E St., Sacramento; owner, Sacramento City School Dist., Washington School, Sacto.
DWELLING, 1-story 5-room, $4815; 1822 P St., Sacramento; owner, M. Pennish, 1404 P St., Sacramento; Contractor, G. L. Dauger, 1300 37th St., Sacramento.
ALTER office bldg, $7696; 800 J St., Sacramento; owner, H. Mitau; contractor, Wm. Murrell, Ochsner Bldg Sacramento.
DWELLING, 1-story 5-rm, $3000; 1518 38th St., Sacramento; owner, W. J. Bigham, 1518 38th St., Sacramento.
DWELLING, 1-story 5-room, and garage, $3800; 1700 U, Sacramento; owner, S. Munich, 1917 4th, Sacramento; contractor, Frutado & Valine, 2423 18th, Sacramento.
DWELLING, 1-story 5-rooom, and garage, $4000; 1332 33rd Sacramento; owner, Thos. Carrigan, 2501 G St., Sacramento.
DWELLING, 1-story 5-room, $2500; 3216 44th Sacramento; owner, W. A. Fairfield, 2247 33rd Sacramento.
DWELLING, 1-story 5-room, and garage, $3000; 4616 13th Ave., Sacramento; owner, D. E. Houghton, 4070 2nd Ave., Sacramento.
DWELLING, 1-story 4-room, and garage, $4500; 1141 37th Sacramento; owner, J. J. Pendergast, 2726 J, Sacramento; contractor, E. W. Brooke, 2912 G, Sacramento.
DWELLING, 1-story 5-room, and garage, $3400; 1541 39th, Sacramento; owner, D. O'Conner, 1517 28th, Sacramento.
DWELLING, 1-story 5-room, and garage, $2800; 1413 V Sacramento; owner, R. Milford, 1730 14th Sacramento; contractor, M. F. Terra, 2316 9th, Sacramento.
DWELLING, 1-story 5-room, and garage, $5000; 3001 3rd Ave., Sacramento; owner, Jos. Burns, 2720 Portola Way, Sacramento.
DWELLING, 1-story 5-room, and garage, $3300; 1905 E, Sacramento; owner, A. W. Norris, 204 Peoples Bank Bldg., Sacramento.
DWELLING, 1-story 5-room, and garage, $3300; 1901 E St., Sacramento; owner, A. W. Norris, 204 Peoples Bank Bldg., Sacramento.
DWELLING, 1-story 5-room, $4000; 2416 S, Sacramento; owner, J. Shrunk, 2420 S, Sacramento; contractor, T. B. Hunt, 2926 S, Sacramento.
DWELLING, 1-story 6-room $4500; 1608 S St., Sacramento; owner, J. F. Ryan, 1122 S St., Sacramento; contractor, T. B. Hunt, 2926 S, Sacramento.
DWELLING, 1-story 5-room, $4500; 824 36th St., Sacramento; owner, Jullus H. Tepel, 2307 N, Sacramento; contractor, A. L. Johnson, 2605 Portola Way, Sacramento.
STORES and public garage, brick, $14,-324; 326 M, Sacramento; owner, Hara & Funkin, 320 M, Sacramento; contractor, F. H. Best, Ochsner Bldg., Sacramento.
DWELLING, 1-story 6-room, $3000; 2612 Franklin Blvd., Sacramento; owner, P. F. Reed, 2545 28th, Sacramento.
DWELLING, 1-story 4-room, $3600; 2316 27th, Sacramento;; owner, W. O. Ohrn, Watsonville, Sacramento; contractor, Chas. Carson, 129 B Sacramento.
DWELLING, one-story 5-room and garage, $3000; No. 2973 Lo Solidad Way, Sacramento; owner, C. E. Dawson, 2430 Stockton Blvd., Sacramento; contractor, W. E. Mendenhall, Sacramento.
DWELLING, one-story 5-room and garage, $2500; No. 3324 45th St., Sacramento; owner, T. J. Oats, 1317½ E St., Sacramento; contractor, P. R. Opdyke, 1009 7th Ave., Sacramento
DWELLING, one-story 5-room and garage, $4500; No. 821 42nd St., Sacramento; owner, C. A. Ehrmann, 3701 5th St., Sacramento; contractor, W. L. Chatterton, 1032 32nd St., Sacramento.

LIENS FILED

SACRAMENTO COUNTY.

Recorded — Amount

Mar. 19, 1923—LOT 156 and 16 Lot 157 West Curtis Oaks Add'n., Sacramento. Friend & Terry Lumber Co vs Margaret N and W J Gough and Kilborne & Eggs.....$96.73

BUILDING CONTRACTS

SAN JOAQUIN COUNTY.

$2,500 and Over Reported

GARAGE, one-story frame 5-room, $2900; No. 1618 S-Aurora St., Stockton; owner, Nubilleni.
GARAGE, one-story frame five-room, $5000; No. 1315 W-Poplar St., Stockton; owner, A. B. Willis, 1648 N-Elderado St., Stockton.
GARAGE, one-story three-room frame, $2650; No. 1027 W-Flora St., Stockton; owner, J. W. Weinick; contractor, John Ramsay, 1106 W-Fremonth St., Stockton.
DWELLING, one-story 5-room, $3500; No. 339 E-Sonoma St., Stockton; owner, C. E. Curnow, 1245 E-Poplar St., Stockton; contractor, T. E. Williamson, 1229 N-Pilgrim St., Stockton.
STORE, one-story brick, $3000; No. 320 E-Market St., Stockton; owner, Mutual Investment Co; contractor, A. C. Cowell.
DWELLING, five-room, $3500; No. 635 N-Stockton St., Stockton; owner, C. A. Farm; contractor, A. C. Towen.
REMODEL three-story brick hotel, $30,930; No. 325 E-Weber St., Stockton; owner, Cowell Estate, 2 Market St., San Francisco; architect, H. H. Meyer, Kohl Bldg., San Francisco; contractor, W. J. Scott, Builders' Exchange, Stockton.

BUILDING CONTRACTS

FRESNO COUNTY

$5,000 and Over Reported

STORES, $60,000; No. 814 J St., Fresno; owner, Mrs. A. Goorabian, 460 Broadway, Fresno; contractor, Frederickson & Shannon, Cory Bld Fresno.

PIERCE-ROSQUIT
Abstract & Title Co.
Capital Stock $100,000
Sacramento, Placerville, Nevada City, Reno
SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

TWO apartment buildings, $6000 each; No. 1032 and 1038 E St., Fresno; owner, H. M. S. Invst. Co.; contractor, J. R. Church, 221 North U St., Fresno.

COMPLETION NOTICES

FRESNO COUNTY

Recorded — Accepted

Mar. 13, 1923—LOTS 39 AND 40 BLK 81, Sierra Vista Addition No. 4, Fresno. D E Pinkham to whom it may concern.....Mar. 12, 1923
Mar. 14, 1923—LOTS 36 AND 37 BLK 1, Maywood Addition, Fresno. W H Richmond to whom it may concer.....n.....Mar. 13, 1923
Mar. 14, 1923—LOT 17 S ½ LOT 18 Blk 2, Jacobs Add'n, Fresno. Christ Sommers to whom it may concern .....March 14, 1923
Mar. 14, 1923—LOT 16 W ½ LOT 15 Blk 25, Alta Vista Add'n, Fresno. Ernest Klette to whom it may concern.....Mar. 12, 1923
Mar. 14, 1923—LOTS 33 AND 34 BLK 7, Roeding Addition, Fresno. J A Whitaker to whom it may concern .....March 13, 1923
Mar. 19, 1923—W ½ OF SE ¼ OF SW ¼ of Stc. 1, 13-20, Fresno. Lucy Simonian to whom it may concern .....Feb. 17, 1923
Mar. 15, 1923—S ½ OF W 100 LOT 38 Blk 1, Maywood. Carl Gustafson to whom it may concern.Mar. 14, 1923
Mar. 16, 1923—LOTS 16 AND 17 BLK 6, Sierra Vista Addition, Fresno. J A Schlotthauer to whom it may concern.....Mar. 15, 1923
Mar. 16, 1923—LOTS 7 AND 8 BLK 3, Torrance Terrace, Fresno. Watkins & Deardorf to whom it may concern.....Mar. 15, 1923
Mar. 17, 1923—LOT 15 BLK 25, Alta Vista Tract, Fresno. Joe Ambrose to whom it may concern.Feb. 11, 1923
Mar. 17, 1923—LOT 47 S ½ Lot 46, West Dean Park No. 2, Fresno. J F Ewing to whom it may concern... .....March 15, 1923
Feb. 20, 1923—N 45 FT OF S 90 FT. Lots 16 to 20 Blk 7, Liseuby Tract, Fresno. E M and H S Coz to whom it may concern.....Mar. 19, 1923
Mar. 20, 1923—N 106 LOT 24, Kruger Sub of Sec. 25, 17-19, Fresno. Ray C Williamson to whom it may concern.....Feb. 20, 1923
Mar. 20, 1923—PTN LOT 3, Hedges Add'n., Fresno. C R Wofford to whom it may concern....Mar. 5, 1923
Mar. 20, 1923—LOTS 42, 43 AND 44 Irvington Add'n, Fresno. C N Nobles to whom it may concern.. .....March 19, 1923
Mar. 21, 1923—LOT 6 W 10 Lot 7 Blk 7, College Addition, Fresno. John Woods Moore to whom it may concern.....Mar. 20, 1923
Mar. 21, 1923—LOT 43 Bullard North Fresno Add'n., Fresno. E P Chambers to whom it may concern .....Mar. 20, 1923
Mar. 21, 1923—LOTS 39 AND 40 Stivers Tract No. 3, Fresno. M A Stivers to whom it may concern.. .....March 16, 1923
Mar. 21, 1923—N ½ OF N 100 OF LOT 38 Blk 1, Maywood. Carl Gustafson to whom it may concern..... .....March 20, 1923
Mar. 21, 1923—LOTS 29 AND 30 BLK 2, Recreation Park, Fresno. Rosie Ayon to whom it may concern..... .....March 16, 1923

LIENS FILED

FRESNO COUNTY

Recorded — Amount

Ma. 16, 1923—LOTS 8 AND 9 BLK 14, Boyd Add'n, Fresno. Routt Lumber Co vs Mrs. S Edwards.....$163
Mar .17, 1923—LOT 17, 20 LOT 22, Hays Addition, Fresno. H W Osborn vs W L and Maud Steafather $35
Mar. 17, 1923—LOTS 37 AND 38 BLK 3, Sparkman Ventura Tract Add'n., Fresno. L Rosenberg vs A D Ward J E Davis and Hugh Sparkman.$308
Mar. 17, 1923—LOT 15 BLK 35, Alta Vista Tract, Fresno. Midstate Pipe & Supply Co vs Joe Ambrose....$194
Mar. 20, 1923—LOTS 5, 6, 9 AND 10 Blk 8, Oakwood No. 2, Fresno. L Rosenberg vs G B and J J Wood..$42

Mar 20, 1923—LOTS 9 AND 10, Oakwood Tract No. 2, Fresno. Maisler Bros vs G B and J J Wood.....$1064
Mar. 20, 1923—LOTS 5 AND 6 Oakwood Tract No. 2, Fresno. Maisler Bros vs G B and J J Wood.....$952
Mar. 21, 1923—S 32¼ ACRES OF SW ¼ of SE ¼ of Sec 18, 16-22, Fresno. Valley Lumber Co vs Hagop Serimian, J H and Anna M Nelson..$457

BUILDING CONTRACTS

SAN MATEO COUNTY

LOT 5 BLK 4 EASTON, BURLINGAME. All work for one-story bungalow and garage.
Owner—C. J. & Harriet Galloway.
Architect—None.
Contractor—John R. Lindsay.
Filed Mar. 14, 1923. Dated Mar. 14, 1923.
Framed $1267.50
Plastered 1267.50
Completed and accepted 1267.50
Usual 35 days 1267.50
TOTAL COST, $5070
Bond, none; Sureties, none; Forfeit, none; Limit, none. Plans and specifications filed, none.

STORE and dwelling, $6500; Lot 11 Blk 11 Ellsworth Ave W Add, San Mateo; owner, P. Maloney; contractor, Mitchell Jackson.
DWELLING, $4750; Lots 14 & 15 Blk. 0 E St S. M. Heights, San Mateo; owner, M. F. Boland, 611 N C St., San Mateo; contractor, Leadley & Wiserman, 207 2nd St., San Mateo.
DWELLING, $4850; Lot 1 Blk 4 S M Dr C Add, San Mateo; owner, J. T. Burjess; contractor, J. T. Burjess.

COTTAGE
LOT 6 BLK 20 SAN CARLOS, San Mateo. All work for cottage.
Owner—Mercantile Trust Co., 464 California St., San Francisco.
Architect—None.
Contractor—Ben C. Zimmerman, 797 Arguello Ave., Redwood City.
Filed Mar. —. Dated Mar.—.
Rafters $1269.50
Brown coated 1269.50
Completed and accepted 1269.50
Usual 35 days 1269.45
TOTAL COST, $5077.95
Bonds, Sureties, Forfeit, Limit, none; Plans, none; Specifications filed.

COTTAGE
LOT 8 BLK 20 SAN CARLOS, San Mateo. All work for cottage.
Owner—Mercantile Trust Co., 464 California St., San Francisco.
Architect—None.
Contractor—Ben. C. Zimmerman, 797 Arguello Ave., Redwood City.
Filed Mar. 17, 1923. Dated Mar.—
Rafters $1075
Brown coated 1075
Completed and accepted 1075
Usual 35 days 1075
TOTAL COST, $4300
Bonds, Sureties, Forfeit, Limit, none; Plans, none; Specifications filed.

BUNGALOW
LOTS 11 & 12 BLK 3 SAN BRUNO 4th Add, San Mateo. All work for bungalow.
Owner—Mr. and Mrs. A. Schmitt.
Architect—None.
Contractor—Peter Douzens, Milbrae.
Filed Mar. 6, 1923. Dated Feb. 27, 1923.
Framed $1426
Brown coated 1426
Completed and accepted 1426
Usual 35 days 1426
TOTAL COST, $5700
Bonds, Sureties and Forfeit, none; Limit, 90 working days; Plans and specifications filed.

COMPLETION NOTICES

SAN MATEO COUNTY

Recordad Accepted
Mar. 13, 1923—PTN LOT 11, Hillsborough Acres, San Mateo. Mary M Ruger to whom it may concern .....March 1, 1923
Mar. 13, 1923—PTN LOT 11, Hillsborough Acres, San Mateo. James A Vincent to whom it may concern .....March 1, 1923
Mar. 14, 1923—LOT 14 BLK 10, Burlingame Land Co. No. 2, Burlingame. Eva Irene and Cyril M Hailing to M E Ingraham....Mar. 8, 1923
Mar. 15, 1923—PTN LOT 153, San Mateo Park, San Mateo. Townley Ball to Mitchel-Jackson Inc..... .....March 15, 1923
Mar. 15, 1923—PTN BLK 11, Town of Burlingame. J P Britt to Barrett & Hilp.....Mar. 10, 1923
Mar. 15, 1923—LOT 40 BLK 4, Hillcrest Tract, Daly City. Harry and Mamie Becker to Henry Selsen... .....March 13, 1923
Mar. 17, 1923—LOTS 10 AND 11 BLK 7, Burlingame Land Co. No. 2, Burlingame. First Church of Christ Scientist of Burlingame to W A Nicolaides .....Mar. 8, 1923
Mar 17, 1923—LOT 12 BLK 35, Easton No. 2, Burlingame. W O Nicolaides to whom it may concern.Mar. 15, 1923
Mar. 17, 1923—PTN LOTS 3 AND 4 Blk 2, San Carlos. Mercantile Trust Co to Ben C Zimmerman.Feb. 28, '23
Mar. 19, 1923—LOT 3 BLK 7, Easton, Burlingame. Mrs A J Morrissey to whom it may concern..Mar. 15, 1923
Mar. 19, 1923—LOT 'M" BLK 6, Burlingame Terrace, Burlingame. Nelson & Shirkey to whom it may concern.....Mar. 17, 1923
Mar. 19, 1923—LOT 14 BLK 15, Burlingame Grove Tract, Burlingame. George B Childs to Nelson & Shirkey .....Mar. 15, 1923

LIENS FILED

SAN MATEO COUNTY

Recorded Amount
Mar. 14, 1923—PTN LOTS 1 AND 2 Blk 8 Sub 2, Burlingame Park, Burlingame. Roy Geary vs Gus H Abendratti et al $310
Mar. 15, 1923—LOTS 4, 5, 6 BLK 6, Shoreacres near Halfmoon Bay. Alvin S Hatch vs Harry Nelson, E J Bornardo and A Picchi $5445
Mar. 15, 1923—PTN LOTS 1 AND 2 Blk 8, Burlingame Park No. 2, Burlingame. San Mateo Planing Mills Co vs Gus H Abendratti et al.$221.43
Mar. 15, 1923—PTN LOTS 1 AND 2 Blk 8, Burlingame Park No. 2, Burlingame. Oscar O Gilbert vs Gus H Abendratti and A Dahl et al....$337
Mar. 15, 1923—LOT 17 BLK 4, Easton, Burlingame. Ajax Roofing Co, Geo W Parkinson et al vs A Storssel and A Dahl $100

RELEASE OF LIENS

SAN MATEO COUNTY

Recorded Amount
Mar. 17, 1923—PTN LOTS 1 & 2 BLK 8 Burlingame Land Co. No. 2, Burlingame. H. Karp & Son vs. Gus H. Abendrath et al $269.50
Mar. 17, 1923—PTN LOTS 1 & 2 BLK 8 Burlingame Land Co. No. 2 Burlingame. James Ruscwame (known as Peninsula Glass Co.) vs. Gus H. Abendrath et al $184

BUILDING CONTRACTS

CONTRA COSTA COUNTY

FLATS, two-story frame (4), $10,000; W-Sixth St., bet. Maine and Virginia, Richmond; owner, R. E. Chrisfell, 244 5th St., Richmond.
APARTMENTS, two-story frame (2 stores and 7 apts.), $20,000; SE Eleventh and Nevin, Richmond; owner, F. A. Mayfield, 319 11th St., Richmond; contractor, E. A. F. Carson, 542 4th St., Richmond.
DWELLING, one-story frame, $3200; NW Twelfth and Shanslor Sts., Richmond; owner, J. A. Fagerstrom 634 Bissell St., Richmond.
DWELLING, 1-story frame, $3800; E Key Blvd. Roosevelt & Barrett, Richmond; owner, East Rich Hts. Land Co., 23rd and Macdonald, Richmond; contractor, K. J. Henning, Box 1671 Richmond.
DWELLING, 1-story frame, $2100; N Rheim bet. 20th & 23rd, Richmond; owner, The Richmond Co., 2234 Macdonald, Michmond; contractor, The Miner Co., 2234 Macdonald Ave Richmond.
DWELLING, 1-story frame, $3000; N Chanslor, bet. 6th & 7th, Richmond; owner, W. M. Beyer, 155 5th St., Richmond; contractor, John Odding, 3723 Cerrito Ave., Richmond.
DWELLING, 1-story frame, $4000; W 22nd, bet. Grant & Burbeck, Richmond; owner, A. J. McNany, 824 7th Richmond.
DWELLING, 1-story frame, $3800; W Carlston bet. Silva & Hughes, Richmond; owner, East Richmond Hts. Land Co., 23rd & Macdonald, Richmond; contractor, K. J. Henning, Box 1671 Richmond.
DWELLING, one-story frame, $4000; E Humboldt bet. Zara and Mount Sts., Richmond; owner, East Richmond Heights Land Co. 23rd and Macdonald Ave., Richmond; contractor, K. J. Henning, Box 1671, Richmond.
DWELLING, one-story frame, $3500; S Nevin bet. Key and Carlston Sts., Richmond; owner, East Richmond Heights Land Co., 23rd and Macdonald Ave., Richmond; contractor, K. J. Henning, Box 1671, Richmond

Larsen Construction Reports
Issued every business day of the year. Furnishes advance information on work projected and contracts awarded for all classes of building, street, sewer and highway projects, bridges, dams and harbor works, machinery, etc. Send for rates in your territory, advising class of work in which you are interested.
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SAN FRANCISCO, CALIF., MARCH 31, 1923

Published Every Saturday
Twenty-third Year No. 13

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San Francisco Los Angeles

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday — SAN FRANCISCO, CALIF., MARCH 31, 1923 — Twenty-third Year No. 13

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Devoted to the Engineering, Architectural, Building and Industrial Activities of the Pacific Coast.

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Fresno Builders' Exchange
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HIGHWAY BILLS REPORTED

Nine bills, two of them carrying appropriations, have been reported out by the Senate roads and highways committee, with recommendations that the measures do pass. The bills and their authors are:

Assembly bill 1148, Reindollar, to make a State highway of the county road from Bolinas, Marin County, to Stinson beach.

A. B. 847, Connolly and Bernard, to make State highway of county road from Willows, Glenn County, to Westport, Mendocino County.

A. B. 72, Donohue, providing that where a road constitues the only means of communication between one town and another in the same county, the Board of Supervisors may acquire it, although it may not be forty feet in width.

A. B. 175, Dozier, to make State highway of road between Douglas City and Peanut, Trinity County, and to appropriate $150,000 for its improvement.

A. B. 150, McPherson, to make State highway of county highway extending from point in Napa county to city of Vallejo and thence to Straits of Carquinez.

A. B. 17, Reindollar, to make State highway of certain portion of public highway in Marin County.

Senate bill 275, Creighton, to make State highway of road between Bakersfield and Mojave and to appropriate $20,000 for paving.

S. B. 633, Swing, to make State highway of six-mile stretch of road in Inyo County.

S. B. 438, Allen, to provide that upon petition of majority of property owned along any public highway trees may be planted to form wind breaks, the cost to be borne by abutting property owners.

TREASURY RULES ON IMPORTED LUMBER

Paragraph 410 of the last tariff act provides that the duty therein provided of $1 per thousand feet on imported logs of fir, spruce, cedar or western hemlock shall not be collected if the country or province from which these logs come does not impose any export restrictions. Under authority of the paragraph the Customs Division of the Treasury Department has just instructed Collectors of Customs to assess the duty on certain logs cut from Crown or private lands in British Columbia. The forest act of British Columbia provides for a tax of $2 per thousand feet, board measure, on No. 1 grade, $1.50 per thousand feet, board measure, on No. 2 grade, and $1 per thousand feet, board measure, on No. 3 grade, conditioned upon a rebate of all tax except 1 per cent per thousand feet, board measure, when such timber is used or manufactured in the Province of British Columbia. The Treasury Department is of the opinion that this provision of the forest act of British Columbia constitutes a restriction upon exportation within the meaning of paragraph 401 of the Tariff act and therefore orders assessment of the duty imposed by that paragraph upon the grades of logs above mentioned when imported from British Columbia.

The Customs Division has recently set the line of demarkation between veneers of wood and lumber as specified in paragraph 403 of the last Tariff act. The division has reached the conclusion that all lumber one-eighth of an inch in thickness or less should be assessed with duty as veneers of wood at the rate of 20 per cent ad valorem specified in paragraph 403.

WELLS IN MOHAVE RIVER VALLEY, CALIFORNIA

The Director of the United States Geological Survey announces that tables concerning wells in the Mohave River Valley have been filed in the district office of the United States Geological Survey, 602 Federal Bldg., Los Angeles, where they may be consulted by any one who may be interested in them. The tables show the depth of the wells, the depth to water, and the yield, so far as known, of about 650 wells, and are supplemented by chemical analyses of water from about 45 wells and springs, and by logs of selected wells. These tables, logs, and analyses cover the entire valley, from the San Bernardino Mountains to Silver Lake, as well as Cronise and Harper Valleys. They supplement a report on the ground-water resources of the Mohave River Valley already on file in the office of the Geological Survey in Los Angeles, and form a part of a comprehensive report on the ground-water resources of the entire Mohave Desert region which is now in preparation by the Geological Survey.

HIGHWAY LOAD LIMIT

A sub-committee of the Senate motor vehicles committee considering proposed amendment to the new general motor vehicle act introduced by Senator Breed of Piedmont, voted to recommend 22,000 pounds as the maximum load on State highways, and to leave it optional with county Boards of Supervisors the maximum load to be carried on county roads.

L. A. WATER SYSTEM MENACED BY COURT RULING

Engineer Wm. Mulholland of the Los Angeles City Water Bureau, declares that the ruling of Superior Judge Craig on water rates will reduce the city's income from that source from $4,000,000 to $600,000 yearly, making it nearly impossible to operate the water department.

The ruling was made in the case of the Los Angeles Country Club versus the city. The club asked that the rate of ten cents per hundred cubic feet charged the club for the sprinkling of its golf course, be reduced to two cents per hundred cubic feet. This was done by the court.

The general rate of ten cents per hundred cubic feet applies to all industries, commercial concerns and householders. The two-cent rate applies to small farmers and was intended to encourage the growing of farm products.

"If the water bureau is compelled to serve water to golf courses at the combination irrigating and domestic rates, every householder that sprinkles his lawn is entitled to the same rate," Mulholland declared. "This would mean the great majority now paying the ten-cent rate would have to be served at the two-cent rate.

"As the water department is operated practically on a cost basis, it is readily seen what will happen to the department," Mulholland said.

ROAD CONTRACTORS MUST SUE FOR CASH

State Controller Ray L. Riley has received from Attorney-General U. S. Webb a written opinion, confirming the latter's oral ruling, holding that the State Highway Commission has no legal authority to use State highway funds to pay contractors under compromise settlements reached after their contracts had been terminated by the Highway Commission.

As a result of the opinion, the claim of the Blake & Heney Company for $47,000 in settlement of their contract for work in San Luis Obispo County will be disapproved and will be returned through proper channels to the Highway Commission.

Attorney-General Webb indicated the only recourse for contractors whose contracts were canceled lay in court action.

HIGHWAY COST SUBMITTED

To build approximately twenty-seven miles of highway to complete the gap on the Garden highway between Sacramento and Yuba City will cost $604,209.55, according to estimates fixed by Engineer C. W. Deterding of Sacramento, engineer for the Joint Highway Commission of Sacramento and Sutter counties, which is authorized to make the improvement. Of this amount the State will provide $100,701.59, private owners in this district $151,052.38, while each county will pay $176,227.79. These estimates were presented to the commissioners at a meeting held in Yuba City. The highway when completed will shorten by about seven miles the distance between Sacramento, Yuba City and Marysville, and will traverse a promising agricultural section.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

A big building association to be formed by the tradesmen for the purpose of combating the "American plan," which has been adopted by various building contractors throughout the State, was urged upon members of the California State Building Trades Council, holding its twenty-third annual convention at San Bernardino by A. G. Gilson, secretary and treasurer of the council. The request for the association was a part of the annual report made by the secretary.

The California State Highway Commission announces its intention of seeking a test in court of the recent ruling of Attorney General U. S. Webb holding that State highway funds cannot be used in payment of compromise settlements resulting from terminated contracts. The announcement was made public in a statement issued by W. F. Mixon, secretary of the Highway Commission.

City of Seattle will ask bids about April 13 for the construction of 100 miles of 165 K. V. transmission line and telephone line. Specifications will be completed about March and intending bidders are requested to familiarize themselves with details to enable them to submit figures at the proper time. Details are available from the Skagit River Development Board, 1400 Alaska Bldg., Seattle.

Red River Lumber Co., Susanville, announces wage increases. Common lumber men will receive a minimum of forty-seven and a half cents per hour and skilled workers in proportion. It is stated that evidence of the constant labor turnover is hoped for through this increase. The company is preparing for the largest operations in its history during the coming season.

Wm. Gibbs McAdoo, former Secretary of the Treasury, announces he is associated with a group of Los Angeles capitalists who are completing negotiations for a $3,000,000 cotton products plant to be erected on a 400 acre site in the southern section of the state. The first unit of the plant will cost $1,000,000. The company will operate under the name of the Los Angeles Cotton Mills Company.

Union Pacific System has been granted permit by Interstate Commerce Commission for construction of a 33-mile branch line from Lund to Cedar City, Utah. The building of this branch line is part of the Union Pacific's $5,000,000 program to develop Zion National Park, Bryce Canyon and Kaibab Forest.

The National Wholesale Lumber Dealers' Association and the American Wholesale Lumber Association have combined into a new organization to be known as the National American Wholesale Lumber Association.

With buildings to cost approximately $6,000,000 in course of construction and many more planned, Pasadena is experiencing the greatest building era in its existence.

Seaboard Rennery Co., recently organized, backed by J. L. Keck of the Keck Syndicate, will construct $1,000,000 oil refinery at Long Beach. Will have capacity of 6,000 barrels a day.

Harrington, Howard & Ash, engineers and bridge builders of Kansas City, Mo., have been granted franchise by San Mateo county supervisors to construct $2,000,000 bridge over San Francisco bay, just north of the S. P. railroad bridge at Dumbarton. Structure will be 5600 feet long, 28 feet wide and will have two miles of approach.

The governor of Nevada has vetoed a bill reducing the salary of the state engineer and the salaries of all employes in the state engineering department. He gave as a reason for the veto his belief that powerful interests, in an assault on the state water law, had attacked the state engineer and his office to impair the efficiency of the department.

After weeks of negotiation the Associated Builders of Chicago and the bricklayers' union have signed an agreement for a continuance of Landis Award conditions of work and a new scale fifteen cents above the old scale of $1.10 an hour. This is the first new agreement signed.

Contra Costa County Builders' Exchange is completing arrangements for the dedication of its new home in Eleventh street, Richmond. Following have been appointed as a committee on arrangements: F. A. Mero, chairman; H. E. Bettinger, Carl Overaa and R. H. Spiersch.

City of Alameda will call election to vote bonds of $750,000 to finance construction of new high school. Will contain 74 classrooms, auditorium seating 2,000 and gymnasium.

International Sanitary Manufacturing Co., recently organized, to manufacture a patented plumbing device, will start operations about April 1. Quarters have been leased at 827-829 Thirty-first street, Oakland, according to R. H. Merchant.

GLIDDEN COMPANY PURCHASES PLANT IN SAN FRANCISCO

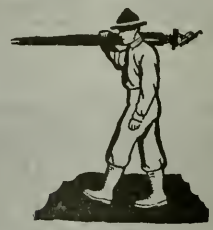
The Glidden Company of Cleveland, Ohio, has purchased the plant and property of the Natoma Rice Mills, located on Hubbel street near 16th, at a price close to $300,000.

The deal was closed by Adrian D. Joyce, president of the company, through the efforts of the San Francisco Chamber of Commerce.

The present structure is a four-story reinforced concrete building, covering approximately 50,000 square feet of floor space. Mr. Joyce claims that very little alteration will turn the rice mills into one of the most up-to-date paint and varnish plants in the United States. The six varnish fires which are to be erected in the rear of the property will give the Glidden Co. the largest varnish output in the West. Storage tanks will be erected to take care of at least 100,000 gallons of product.

The California factory will employ about 150 men and retain the present staff of twenty-one salesmen. The Portland, Spokane, Seattle and Los Angeles branches will be supplied from the San Francisco factory.

ALONG THE LINE



A general rise in lumber sales is predicted by shipping men as likely to come out of the next meeting of the Pacific Westbound Conference to be held in Seattle, April 9. Lumber rates already have stiffened recently.

Pacific Electric Railway Co. of Los Angeles is planning construction of $20,500,000 subway system with terminal under Pershing Square, near the center of the business district of Los Angeles.

Los Angeles wants a new city hall and on June 5 will decide the question of issuing bonds of $7,500,000 of which $2,500,000 will purchase a site for the structure and the remaining $5,000,000 to finance construction.

J. F. Mackey, superintendent of construction for the Kaiser Construction Co., has resigned and will operate a plant in Sisson, Siskiyou County, for the manufacture of concrete products.

L. M. Edwards, superintendent for the Paradise Irrigation District in Butte County, has resigned, effective April 1. J. A. Alley of Paradise has been appointed to fill the vacancy.

Paso Robles voters turn down second election held to vote bonds of $265,000 to finance construction of new high school.

W. B. Simpson has been appointed building inspector of Santa Rosa, succeeding W. W. Herbert, who resigned to enter architectural work.

Cutler Public Utility District, Tulare county, has voted bonds of $27,000 to finance construction of water system.

Nelson Lund of Palermo, Butte County, has placed orders for $5,000 worth of machinery for a brick plant he plans to locate at Palermo.

The T. B. Stewart Construction Co. of Phoenix, Ariz., has opened an permanent office in Los Angeles at 1004 Bank of Italy Bldg.

City trustees of Grass Valley will call an election to vote bonds of $100,000 to finance street paving.

R. M. Berryhill, city engineer of Tulare, Calif., has tendered his resignation and will enter private practice.

Victor H. Stahell has been appointed deputy city engineer of Watts in charge of street work.

The Western Lumber Company of San Diego has increased its capital stock to $250,000.

Sacramento has been selected as the 1924 convention city for the California State Building Trades' Council.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

THIRTEEN STATES REPRESENTED AT S. F. AMERICAN PLAN CONFERENCE

Delegates from thirteen states and forty communities of the Pacific Coast, in the South, and in the intermountain region were represented at the Third American Plan Open Shop Conference held in San Francisco March 26-27.

Unification of methods and of action toward a single end, which must always be the public interest, in a program to further the American plan movement throughout the West, was the main subject of discussion.

Discussion and reports on the subjects of the apprenticeship school in all phases and on the position of the Builders' Exchange in connection with industrial relations were also heard.

Steps were taken to establish employment bureaus with the object of better consolidating the interests of both employer and employe and the adjustment of wages consistent with the maximum public benefit. Plans were outlined to enlarge the membership by extending invitations to organizations in adjacent states not yet affiliated.

A. C. Rees, of Salt Lake City, manager of the Utah Associated Industries, was re-elected chairman. Members of the executive committee appointed by him include W. H. George, president, San Francisco Builders' Exchange; J. B. Landers, Oklahoma City; W. H. McIntosh, Seattle, and I. H. Rice, Los Angeles.

The conference closed with a banquet at the Palace Hotel, Tuesday evening, at which Wm. H. George, president of the San Francisco Builders' Exchange, acted as toastmaster. J. B. Brady, president of the San Francisco Industrial Association, delivered the address of welcome; Geo. L. Bell ,of the Industrial Association, spoke on trade schools; L. H. Rice, president of the Merchants and Manufacturers' Association of Los Angeles, spoke on the influence of the open shop on community development and A. C. Rees gave an interesting talk on "A Look Ahead."

The next meeting of the conference will be held at San Antonio, next fall, on a date yet to be determined.

COAST ENGINEERS TO MEET

Engineers of the Pacific Coast will hold a three-day meet in Los Angeles, beginning April 16, under the auspices of the American Society of Mechanical Engineers. John L. Harrington of Kansas City, president of the society; Dr. Ira N. Hollis of Worcester, Mass., past president; Calvin W. Rice of New York City, secretary, and delegations from San Francisco and local sections of Western Washington will attend the meeting.

Sessions on April 16 will be devoted to technical subjects. There will be illustrated addresses on the hydroelectric development of Southern California and of the entire state. The second day will be devoted to automobile trips of inspection, including the California Institute of Technology, the laboratory of the Mount Wilson solar observatory and the night will be spent on Mount Wilson. The final day, April 18, will be devoted to an inspection trip of the oil fields of Southern California.

L. A. BUILDERS NOMINATE OFFICERS

At the general meeting of the Los Angeles Builders' Exchange, held Mar. 15, the following nominations for officers to serve for the ensuing year were made:

President, Walter Simons, president of Simons Brick Company; first vice president, Lou B. Webster, of G. H. Turner Company; second vice president Emil Brown, of Emil Brown & Co.; treasurer, P. J. Bolin, building contractor.

Directors—Representing sheet metal craft, Fred W. Dee and W. H. C. Ness; electrical supply dealers, R. Wolfsberg; general contractors, W. E. Burch of Bavin & Burch; lumber dealers, Charles C. Havens; painting contractors, Wm. R. Morgan; lime, cement and plaster dealers, D. J. Finnegan and George L. Eastman; surety bonds, Jack Knight, Frank C. McDonald and C. J. Van Brunt; structural steel, G. W. Saurett; sand and gravel, Herbert Reed and W. J. Valkenberg; electrical contractors, G. E. Arbogast. Directors chosen by their own crafts—Brick mason contractors, Arthur Pinner; plastering contractors, J. J. O'Connor; burned clay products, A. T. Wintersgill.

Directors holding over are: Cement contractors, James N. Patillo; plumbing contractors, Wm. McArthur; roofing contractors and dealers, H. F. Boesche; metal lath dealers, Paul F. Langworthy; unclassified crafts, James C. Hanly; Orange county division, Geo. R. Wells of Wells & Bressler, Santa Ana.

The annual election will be held April 19.

A. A. E. TO CONVENE

Plans have been approved by the board of directors of the American Association of Engineers to make the ninth annual convention, which will be held in Norfolk, May 7-9, effective in amount and character of work done. The convention is primarily composed of delegates of chapters, whose expenses are borne from association funds.

The work being done by the national committees and the formulation of work to be undertaken will be presented by speakers of national reputation, and will constitute the major part of the convention program. The annual report of a national committee has been assigned to each director, who will review it for the board of directors and will be informed in order to work in co-ordination with the committee chairman at the convention. It is expected that this method will afford opportunity for full consideration and discussion of each report.

SAFETY ENGINEERS ELECT

Officers have been elected by the Society of Safety Engineers of California as follows: William S. Wollner, general officer in charge of safety for the Northwestern Pacific Railroad, president; E. W. Bullard, president of E. D. Bullard Company, safety engineers, vice president; H. M. Wolfilin, superintendent of safety for the Industrial Accident Commission, secretary, and Robert Thompson, safety engineer for the Ocean Accident and Guaranty Corporation, treasurer.

FRESNO BUILDERS SEEK TO AVERT TIE-UP

Mediation by the Fresno Builders' Exchange between the Fresno Building Trades Council and the bricklayers' union in an effort to prevent a threatened tie-up in the city hovered in sight at a recent meeting of the Industrial Relations Committee of the Exchange.

A letter received by R. W. Chrouch, manager of the exchange, from W. C. Adkins, business agent of the council, is being discussed and a plan of action will be mapped to bring about satisfactory conditions. The contents of the letter are not revealed.

It is hinted, however, in union circles that the letter referred to the supposed action of the council ordering bricklayers on a certain mixed open-shop job to refuse to work, or they would be unable to get positions with union labor on other jobs in Fresno. The bricklayers, according to high union officials, have been ordered by the secretary of their union to continue work, provided all the bricklayers are union men. If these bricklayers accept positions on other work after finishing this building, the council threatens to order men from other unions to withdraw.

The bricklayers are not members of the local council.

The move on the part of the builders' exchange to act as mediator in the threatened trouble between the bricklayers and the council is the first step taken toward peace.

"The Fresno Builders' Exchange will continue its policy of protecting its members and the general public from labor troubles," according to Manager Crouch.

The Probable action of the industrial relations committee of the exchange was not given by Crouch. If an offer to act as a mediator is made a date will be set for a hearing of the case between the two organizations involved.

SEATTLE GETS LUMBER MEET

Seattle, Wash. was selected for the semi-annual meeting in September of the National American Wholesale Lumber Association at the closing session of the convention held in Pittsburg, Pa., in which a merber of two wholesale lumber dealers' associations was effected. The other meeting will be held in an eastern city but the time and place was not fixed. W. H. Schuett of Pittsburg was elected president of the merged organization. Discontinuance of the Wholesale Lumberman, a magazine published by the American Wholesale Lumber Association, was also voted.

A. S. M. E. SEEKS TO POSTPONE REGISTRATION LAW

The American Society of Mechanical Engineers is attempting to obtain a postponement of the law in New York State requiring the registration of all engineers in the state by May 5, 1923. The New York membership of the Society is being circulated to learn the opinion of mechanical engineers on the various phases of the law. This action has been taken as a result of a report from a Special Committee on Registration of Mechanical Engineers in New York State, consisting of F. Junkersfeld, Chairman, A. G. Pratt and John M. Goodell.

City Surveying — Its Problems and Importance

By A. Malkin, Civil Engineer, Detroit, Mich.

In city surveying there are two distinct phases: The first is the original establishment of property lines and the second, the re-establishment of the original property lines.

In establishing the original property lines sub-division layouts are made which consist of the division of farm land into blocks accessible on all sides to streets or alleys. These streets and alleys are deeded to, and become the property of the municipality in which the subdivision is to be included. These blocks are further subdivided into smaller parcels each abutting on a street. The parcels are called lots and the dimensions of a lot measured along the street it abuts are termed its frontages.

The boundaries of blocks which are also the boundaries of the public streets and alleys are established by the placing of monuments at each and all of the breaks in the boundary line which is at the point of intersection of the two straight lines forming the break. The subdivision of the block into lots is done in a similar manner. The types of monuments used are of stone, iron and wood.

The most common type of monument used is the wood stake, one to two inches square and from eighteen to twenty-four inches long. In many instances round iron pipes from one to one and one-half inches in diameter are required to be used for locations of street corners or block boundary lines.

When the subdivision has been staked out a plat showing the dimensions and locations of principal monuments and sizes of lots together with the bearings of streets and alleys is filed with the proper authorities of the state, county and municipality in question. When approved, the layout goes on record and marks the completion of the first phase of city surveying.

The second phase begins where the first leaves off. In attempting to re-establish the original property lines, it is important to note that the controlling factor is the location of the original monuments witnessing the boundary lines regardless as to whether they agree with the dimensions of the recorded plat plan.

To understand the principal problems confronting the engineer in this phase of surveying, it is well to analyze the growth and development of a city. From a surveyor's viewpoint a city may be looked upon as the outgrowth of an original farm settlement formed along a highway which acts as its only or principal street. To this nucleus the continuous additions of subdivisions form its growth. While the city in its endless development has its corresponding variations in the care with which new subdivisions are incorporated, we can safely for our purpose divide it into two stages.

First, when the municipality is too small to supply the proper supervision for the purpose of examining and correcting the proposed new subdivisions; second, when the old more or less haphazardly built up city becomes sufficiently important to afford competent men to pass on its proposed additions (and in many large cities there is a city planning commission which arranges all proposed new subdivisions to facilitate the future expansion of the city).

During the first period of a city's growth, there is a very important factor which tends to upset if not nullify the work of the original layout of the various subdivisions. That factor is the relative cheapness of property when measured by the standard of foot frontage. This comparative lack of value causes laxity on the part of those who are the pioneers of the city. Very few if any of them would pay for the services of an engineer if he was at all to be conveniently procured.

In a number of non-monumented American cities, where all traces of original monuments of a subdivision are gone (and that is only a short time in the history of a city) there are two main sources by which the engineer is expected to read the past. The first is the public streets and alleys. The second, existing old buildings some of which date to the time when the original monuments must have been existent.

The boundaries of city streets may be determined from the curbs which separate the roadway from the sidewalks. This roadway is, however, whenever possible, located in the center of the street, leaving on either side equal widths for sidewalk purposes. When adjoining subdivisions do not provide for continuous straight streets and when the variations are small, the city lays its curbs so that the roadway is kept straight, leaving unequal distances between curbs and street boundary lines. Thus any reference that might have been of some use in locating the block boundary lines from curbs is destroyed. The location of existing old time buildings would have been a proper key to the situation were it not for the carelessness of the pioneer city builders in whose interest the law of adverse possession is in force.

In addition to the above two causes which contribute to the complications of re-establishng boundary lines there has been a third and most essential condition which unfortunately reflects also upon the original surveyor of the subdivision. Up to very recently and even now in only a few states surveyors are required to be registered by the state which tests their ability before unloading them upon the public. In the past, therefore, there were two grades of men in practice: the intelligent and reliable practitioner who would not render his services unless the compensation enabled him to give it the necessary care an employ the proper help. However, the demand of real estate operators for lower charges who did not grasp the importance of a correct layout as a duty to the future property owner and the city as a whole caused some men unfit by their education and experience to enter the field of surveying. In many instances while the principal of a firm of engineers was a man of proper training and experience he was forced to employ an organization below his standard due to the low compensation received.

These inaccurate surveys did much towards the creation of what is now termed discrepancies which are shortages and surpluses according to the actual measurement in the field as compared with the dimensions of the original recorded plats.

As an illustration of the above we have recently been called upon to survey seven adjacent lots which form a part of an old subdivision in the outskirts of the city. On record were two survey plats made subsequent to the original layout of the subdivision. These plats did not agree with each other nor with the original and all three had practically no relation to the actual measurements in the field. Upon investigating the situation we found that the ground was first staked out in accordance with a proposed layout which was subsequently changed before it was placed on record. A second staking out was made in accordance with a new layout which was duly recorded. However, the owner of the subdivision refused to pay for the removal of old stakes relating to the first survey so that at the present time there are two sets of stakes causing confusion in determining the property lines.

It can readily be seen that when the city lays its streets according to this cross information and when this section is built up and all possible reference to old stakes destroyed, it will require a superman to determine the boundaries of the property and yet there seems to be no attempt to correct the description in the various abstracts of title to the property at a time when there is yet a possibility of straightening the matter out.

Another instance where a shortage of seven inches in a block caused a great deal of trouble including court action and financial loss to the builder was brought to us for final certification.

According to the description in the abstract covering this property, a set of plans were drawn by an architect for an important apartment building which was duly approved by city authorities. The property in question is located on a corner so that the foundation was laid out in relation to the two streets and the rear alley. When the footings were comleted an injunction was granted the adjacent property owner restraining the builder from encroaching on his property. A survey was made and it was found that there is a shortage in the block and in view of the fact that all existing buildings and fences indicate that the lots were all measured from the other side of the block, this corner property owner was forced to take what was left between the last property line and the street line.

In the above case if the abstract during its various examinations of title would have had its description of property corrected and certified to by an engineer it is probable that the shortage might have been traced and recorded as belonging to some other lot. In any event, the present owner would have known exactly what he was buying, paying only for the actual frontage instead of an imaginary one, and would have finally been spared a great deal of inconvenience and loss of time and money.

In a recent survey of an important business frontage in a small town near Detroit, we found the block to be two feet longer than the total recorded frontage of that block. In this instance, it was an interior lot, one side of which was bounded by a building whose frontage measured the total recorded frontage to the corner while on the other side the lot line was clearly determined by an old brick building located on the lot in question. It was evident that the building on the lot in question was laid out in relation to one end of the block whereas the other building assumed the other corner as correct, leaving a surplus of two feet which no one can legally claim but may be occupied and used by the owner

of the vacant lot in question, without interference by adjoining property owners because they have no ground for court action. In this case the owner is the gainer but whether gaining or losing the fact that the description in the abstract is not reliable depreciates from the value of the abstract.

Another view of the importance of a survey is the general information furnished by a surveyor as, for example, the proposed condemnation of property. Recently, in two similar cases in different parts of the city the lack of information of the proposed condemnation for the purpose of street widening caused great financial loss to the builders concerned. In both cases plans were drawn for an ordinary store and apartment building where the certainty of its approval by the building department of the city caused the builders to complete basements for the structures prior to obtaining a building permit.

In the city of Detroit in cases where the condemnation of property is only in its proposed stage and carries no certainty of its being approved, the building department will issue a permit for the erection of a building upon the property at the risk of the builder. The builders in both of these cases found it too risky to proceed according to original plans so that whatever could be salvaged of the material in the basement walls was used for the new structures built according to new plans assuming the proposed future front property lines.

It is a fact that so far in the examination of abstracts at the time of transfer of title no attempt has been made to bring the description of the subject property to date simultaneously with its legal ownership.

Even if there were not new buildings erected on the property since its last transfer a survey would show whether the adjacent property owners did not encroach on the property in question which would require legal action to cause their removal.

It is gratifying to note, however, that a number of our financial institutions and all the way down to the smallest property owners and builders are beginning to realize the importance of establishing the accurate boundaries of their properties. The cost of the service is usually very low as compared with the safety and peace of mind it affords that it leaves practically no case where it might or should be dispensed with.

The present practice of requiring surveys of vacant property in the case of loans on new structures and further surveys showing the location of buildings in relation to property lines for both new and old structures on which mortgages are issued is well expressed by Mr. N. M. Gross, Vice-President of the Federal Bond & Mortgage Company one of the foremost first mortgage houses in the state of Michigan:

"We consider the survey of a piece of property one of the most important essentials in the safeguarding of our mortgages; in fact, we require two surveys under each loan we make. The first survey is of the real estate itself—the second survey shows the building within the lot lines. We have always adhered strictly to this policy."

In a reply to our request, Mr. J. L. Hirschman, associate to Mr. Albert Kahn, prominent architect and engineer of Detroit, writes:

"Referring to your request from us for an expression as to the necessity of a survey in connection with building construction work. Such an inquiry is merely putting in other words whether it is necessary to know accurately the location and the size together with the levels of a piece of property in order to plan a building to be erected on the same. We believe the condition speaks for itself."

The H. G. Christman & Company, prominent Detroit builders of wide experience, has this to say:

"In our opinion a survey is a cheap form of insurance against damages which may arise from improper location of a structure. In several cases where we have had contracts to add to existing buildings, we have found the existing buildings to be encroaching on adjacent property. Such conditions if not promptly safeguarded against, may be the cause of considerable financial loss to the contractor."

Mr. F. J. Beyer, Assistant Cashier in charge of real estate mortgage loans of the Bank of Detroit, expressing the policy of the bank on the question of the importance of surveys to the mortgages, clearly emphasizes the most important point:

"The Bank of Detroit is not satisfied with having the abstract of title merely brought down to date in connection with safeguarding its mortgage loans. While the abstract gives assurance as to the correct legal ownership, it does not touch in any manner for the description of the subject matter covered by the abstract. Too often the piece of property itself, which is the security of the loan, is found, upon having it surveyed, to be materially different from what is called for and described in the abstract of title. Consequently, we have learned by experience to rely not only upon the abstract of title to give us our legal protection but equally as important upon a competent survey of its subject matter to give us our corporeal rights."

The Union Trust Company, through its Vice-President and Real Estate Officer, Mr. B. H. Manning, in charge of the real estate and mortgage departments which handles a great volume of loans on behalf of a promnient eastern insurance company sums up the situation in this very clear manner:

"The survey furnishes a means of accurately checking the description in the mortgage or other conveyance; gives assurance that the buildings appraised are actually situated upon the property covered by the mortgage; and in addition shows whether or not existing building restrictions and the building code have been violated. We have found it not only highly advisable but almost essential to insist upon a survey in connection with mortgage loans."—Lawyer & Banker.

CEMENT PLANT FOR CHINA

Consul J. K. Davis at Nanking, in a report to the Department of Commerce states the China Cement Manufacturing Company has almost completed its plant at Chuyung, 34 kilometers from the city of Nanking, and expects to begin operations in the spring.

The capital of the company, which will have its head office at Shanghai, is taels 500,000, equivalent approximately to $380,000. The works are being built at Tiger Hill, which is connected with the Shanghai-Nanking Railway at Lungtan, by a spur slightly over one mile in length. The daily output of the works is estimated at 400 barrels of 375 pounds each.

Unless the demand for cement increases, even more rapidly than it has during the last ten years, the erection of this plant, the planned enlargement of the existent plants in other districts, and the completion of a new Shanghai plant, will tend to greatly reduce the amount of imports from foreign countries, and will probably lower the price of cement in all China markets, where, owing to the increased demand, the tendency has been toward a steady advance for several years.

HIGHWAY COMMISSION DENIES CHARGE TO "BUY OFF" CONTRACTOR

Denial that the state highway commission had offered to pay the Hauser Construction company $35,000 for the termination of its contract for building a unit of the coast highway between Oxnard and San Juan Capistrano, is made by State Highway Commissioner N. T. Edwards.

"Mr. Hauser offered to settle the matter by throwing up his right to the contract, which had been terminated by the highway commission if the commission would pay him $35,000," said Edwards. "Our reply was that we would not pay him anything."

Edwards' statement was made in reply to a dispatch from Sacramento in which it was stated that Supervisor P. D. Cogswell, of Los Angeles county, had said that the commission had offered Hauser $35,000. Edwards said that he believes Cogswell was misquoted.

CHICAGO BUILDERS GRANTED WAGE RAISE

Thirty-four thousand mechanics on the rolls of the thirteen open-shop building trades in the Chicago district will be granted wage increases effective May 31, the date of the expiration of the original Landis wage award schedule.

This was the announcement by Fred L. Wagner, general manager of the citizens' committee to enforce the Landis award, who also announced that all the thirteen trades will continue to operate on an American plan, or open ship basis.

"A committee of contractors operating under the Landis award is working out the new wage scales," said Mr. Wagner. "The scales will be announced not later than April 15.

The thirteen trades are the plumbers, painters, carpenters, sheet-metal workers, hoisting engineers, lathers, composition roofers, slate and tile roofers, laborers, terrazzo mechanics, fixture hangers, glaziers and cement finishers.

$2200 TO PLASTER HOUSE IN CHICAGO

A plasterer is entitled to $44 a week for six day's work under the Landis Award, says a Chicago contractor. "On one house I am building in the suburbs a plasterer receives $12 a day as regular wages, and $6 a day overtime, or $90 for five days excluding Saturday. For Saturday he receives $6 for his regular morning's work and $12 for the afternoon, which is overtime. This gives him $108 for six day's work. Some plasterers work Sundays and for eight hours' overtime receive $24 additional, or a total for the seven-day week of $132. In 1917 it cost approximately $500 to plaster an average house. Now it costs $2200."

FRESNO STREET WORK

Contracts for 1,890,179 square feet of asphaltic concrete base and surface pavements were let by the city of Fresno in 1922, bringing that city in fourth place among the cities of the five Pacific coast states for the year.

Contracts were awarded for 49,077,330 square feet of asphaltic concrete base and surface paving in the state, about 12 per cent of the total amount awarded being let in Fresno, Madera, Kings, Tulare and Kern counties.

With work under way, it is believed that Fresno will head the list for 1923. The city now has about six million square feet of asphaltic base and surface pavements.

LOUIS D. SLOSS AND HUGH P. CRUMMEY PASS AWAY

Louis D. Sloss, for more than twenty-five years connected with the various departments of the city government, died in Mill Valley, Sunday, March 25. Death was sudden. Mr. Sloss had apparently been enjoying the best of health and was arranging to move his family to Marin county for the summer months.

Mr. Sloss was connected with the city building permit department for more than sixteen years and is well known among the contracting fraternity. During the past few years he was connected with the office of City Engineer M. M. O'Shaughnessy. Mr. Sloss was sixty years old and is survived by a widow, Elizabeth Sloss, and a son, Frank M. Sloss. He was a member of Court San Francisco, No. 7, F. of A., and El Dorado Council, No. 581 National Union. The funeral will take place today at 2:30 P. M., from the chapel of H. F. Suhr & Co., 2919 Mission street. Interment will be private.

Hugh P. Crummey, a member of the contracting firm of Ransome-Crummey Co., died at his home, 308 Nineteenth street, Oakland, Sunday, March 25. Crummey was born in San Francisco sixty-six years ago and was well known in the bay region, where he had for many years been a paving contractor. He was a member of Salinas Lodge of Elks. Funeral services will be held at St. Francis de Sales Church in Oakland today. He leaves a widow, Lucy Veronica Crummey; four children, Raymond H. and Joseph W. Crummey, Mrs. Frank Murphy and Mrs. L. Shields; two brothers, John and Owen, and two sisters, Rebecca and Annie Crummey.

SACRAMENTO PAINTERS OPPOSED TO WAGE INCREASE

In a recommendation to be submitted to the wage adjustment board of the Sacramento Builders' Exchange, the Sacramento Master Painters' Association offers opposition to a request made by Sacramento painters for an increase in wages. An increase, it was declared by the master painters, is not justified by living costs and would be setting a bad precedent for other unions in building trades.

The recommendation will be forwarded to the wage adjustment board of the Builders' Exchange, which body sought an expression from the master painters following a request by the painters for an increase.

The statement said in part:

"The journeyman is not putting money in the bank, buying homes, automobiles and living well and we cannot have the progress of our wonderful city hampered by the stagnation that will come from higher prices and besides create a dissatisfaction in the ranks of the other branches of labor."

BUILDING TRADES ELECT

Frank C. MacDonald has been reelected president of the California State Building Trades' Council. Other officers elected are: A. G. Gilson, secretary and treasurer; J. A. Lloyd, M. F. Connors, James F. Gray, J. F. Walmsley, Gus Ihl and George Wright.

STRIKE LOSSES IN 1922

Losses in wages alone amounting to $2[illegible],000,000 was one result of the strikes of the calendar year 1922, according to Will J. Tracy, Chief of the Pennsylvania State Bureau of Mediation and Arbitration. Strikes during the year numbered 1307 and involved 2[illegible],000 persons according to Tracy's report.

Mankind Being Blinded by Modern Electric Light, Scientist Declares

Changes wrought by engineering and science in lighting conditions in American homes, factories, offices and stores have been so enormous and so rapid that the burden has become too great for the human eye to learn to bear, it is asserted by engineers, who are devoting increasing attention to the problem of illumination, now called a major social and economic question.

A British scientist, Dr. A. E. Bawtree, asserted before the Royal Photograph Society of London that mankind is being blinded by modern electric light. Specially destructive, he said, are invisible ultra-violet rays.

Elmer A. Sperry, a leading New York engineer and inventor of the gryocompass, thinks that carelessness is the main factor. Investigation of artificial light in moving picture studios, he declares, reveales that the eye troubles of modern life are due largely to abuse of the instrumentalities which science has created.

Studies carried on at Ohio State University by Prof. F. C. Caldwell of the Department of Electrical Engineering, and a member of the Board of Councillors of the Eyesight Conservation Council of American, show that science has out done the nun in producing glare, which is revealed as the most common and most serious defect of the bad lighting of the present day. Further, it is stated, glare is the least understood.

In a report to the Eyesight Conservation Council, made public by President L. W. Wallace, who is executive secretary of the Federated American Engineering Societies, Prof. Caldwell asserts that "in the past half century there has been more development in lighting than in all the ages since man first picked a brand from the fire to light his way."

Glare, says Prof. Caldwell, is now being systematically conbated, and regulations against it are finding their way into industrial and school lighting codes, drawn up by the Illuminating Engineering Society, and are being followed in laws enacted by the states. The change of lighting facilities, according to Prof. Caldwell, has been so sudden that men, trying to use the new illuminants in the same way that they have used the old through countless generations, are likely to produce unforunate results.

"Lighting," he adds, "is one of the oldest of the human arts, but until recently one of the slowest to develop. So far as their characteristics as light-sources were concerned, there was very little difference between the candle or whale-oil lamps of our grandmothers and the selected fagot of the cave dwellers of fifty thousand years ago. Even the gas and kerosene oil flames of the end of the last century, even carbon incandescent lamps were only a little larger and a little brighter.

"But the curve of development which for so many milleniums had run along almost horizontal, was commencing to trend upward and since the beginning of the present century with the development of the tungsten filament and the gas filled lamp, it has risen ever more sharply."

In becoming accustomed to this revolution, according to Prof. Caldwell, the world faces a task of great magnitude. Glare he calls a phenomena not easy to define and one "through which the magic number three runs in a remarkable way."

He finds three defects of lighting—inadequecy, bad distribution and glare; three elements in glare—excess of brightness, of light flux or of contrast; three conditions determining the seriousness of glare—angle, distance and period of exposure; three effects of glare—blinding, discomfort and fatigue.

Glare, defined as "light out of place," has vastly increased in seriousness during recent years, declared Prof. Caldwell, reflection from polished surfaces being a chief source of evil. An effect known as "veiling glare," has been found to be particularly troublesome, and much effort is being made to overcome it in the schools.

Engineers, it is stated, have disclosed through surveys of mechanical processes in industry that lighting is a principal source of fatigue among workers. To these influences is ascribed a loss of twenty cents per worker for each working day. This would mean, it is pointed out, a loss of about $2,500,000,000 per year for the entire working population.

TIMBERMEN SAY INDIAN FOREST LANDS ARE RICHEST

The attention of lumbermen and timber conservationists has been directed to the importance of the Indian forests as factors in the present and future lumber supply of the United States by the recent sales of great quantities of timber by the Indian service of the department of the interior, according to a statement by the research department of the National Lumber Manufacturors Association.

The Indians own, individually and tribally, at least seven million acres of forests of commercial importance in 15 states. The principal Indian forest, whose combined area, the department points out, covere an extent equal to Massachusetts and Connecticut, are situated in Oregon, Washington, Montana, Arizona, New Mexico, Wisconsin, California, Idaho and Minnesota. These forests contain 35 billion feet of merchantable timber worth one hundred million dollars .

The value of the young growth, adding 30 million dollars to this figure, fixes the per capita forest wealth of the American Indians at $430, if it were distributed among all of them. This, the research department points out, helps to establish the Indians as the wealthiest race in the world, since, with forest and other properly, the per capita holdings total 24 hundred dollars as compared with two thousand dollars for white persons.

COST OF BUILDING MATERIALS IN SACRAMENTO

Prices of building materials in Sacramento are practically the same as the average of forty-six other cities in the United States. This is shown in a list compiled by the Master Builders' Association of that city following a comparison with the February list of building costs.

The list is as follows:

	Av.	Sacto.
Common brick, 1000	$17.81	$17.00
Portland cement, bbl.	3.23	3.40
Doug. Fir, No. 1, 2x4x16, M	38.20	44.00
Com. boards, No. 1, 1x6, M	45.10	45.50
Doug. Fir, V. G. No. 2, 1x4x16, M	75.40	82.00
Red Cedar shingles, 100 sq. ft.	6.05	6.20
Lime Hyd., ton	10.80	31.00
Crushed stone, ¾ in. ton	3.10	2.75
Rein. bars, ¾ in. square, 100 lbs.	3.76	3.78
Linseed oil, raw, in bbls., gal.	1.05	1.05

SACRAMENTO BRICK PLANT TO BE ENLARGED

Construction of new buildings and improvements in the present equipment which will total $50,000 in cost have been started at the plant of the Sacramento Brick Company on the Riverside Road, Sacramento, as the result of the heavily increased demand for common brick in home and business construction which is already taxing the plant output.

A mixer building 60x60 feet and two drying buildings 175x75 feet have been started and will be completed by May 1st. New machinery which will mix the clay, form the brick and dry it without being touched with human hands has been ordered.

The present capacity of the plant is about 12,000,000 brick per year. Under the improvements 18,000,000 brick will be turned out per year. Foundations have been laid and plans prepared for still further improvements. Should necessity require, which will bring the capacity of the plant to 35,000,000 brick per year.

According to H. H. Bartells, manager of the company, under the new arrangements it will be possible to keep the plant running all year, instead of only during the Summer months as in the past. This will result in attracting a permanent type of laborer instead of the itinerant type who seeks employment during the Summer and stays a matter of hours or, at best, only a few days.

BELGIAN GLASS INDUSTRY

The Belgium plate-glass plants are heavily engaged and are accepting no new business according to "commerce Reports." Special glass and mirror plants are fully occupied, but their prices are not yielding a large margin of profit. Window glass is handicapped by rising production costs. Nineteen furnaces are now in operation, and the Oriental and American demand is active. The table and cut-glass markets are much improved, with decreased German exports aiding local business.

ALASKA TO SUPPLY WOOD FOR U. S. PAPER

Pulp timber on the Tongass National Forest, Alaska, amounting to 334,000,000 cubic feet is being advertised for sale, according to the Forest Service, United State Department of Agriculture.

Alaska, the report states, can supply one-third of the paper needs of the United States, and our paper consumption is growing each year.

Two large bodies, one of 260,000,000, the other 74,000,000 cubic feet, are involved. The smaller body is within a few miles of Cascade Creek—one of the best waterpower streams in Alaska; the other is 40 miles distant on Kupreanof and Kuiu Islands. Navigable and sheltered waterways furnish a cheap and easy way for towing the logs to Cascade Creek power site on Thomas Bay.

The advertisement states that the lowest bids that can be considered are 60 cents per hundred cubic feet for Sitka spruce and 30 cents per hundred for hemlock and other species. Three-fourths of the pulpwood is western hemlock, and one-fourth Sitka spruce. The final date for receipt of bids by the District Forester at Juneau, Alaska, is July 31, 1923. The bidder is assured that accepted prices will hold good until 1930, with possible adjustments every five years thereafter.

Alaska is a virgin field and a very attractive one, says the Forest Service officials.

Cement Shortage Not Likely During Year 1923

There should be no Portland cement shortage in 1923, barring unforseen labor, fuel or transportation difficulties, says the Wall Street Journal. Despite occasional reports that imports may be necessary, large manufacturers are confident the country's capacity will considerably more than supply the great demand expected for construction and road building. They point to the fact that last year's shipments of 116,563,000 barrels, the largest on record, were approximately 30,000,000 barrels below the country's mill capacity, which is estimated to be about 146,000,000 barrels.

At least 7 new mills of substantial capacity will be brought into operation during the year besides a number of smaller units which should bring output near to 150,000,000 barrels. Consensus does not place requirements for 1923 in excess of 125,000,000 barrels.

Following table shows production, shipments and stocks on hand at end of each year (in barrels) since 1911:

	Production	Shipments	Stocks on Dec. 31
1922	113,870,000	116,563,000	9,142,000
1921	98,239,000	95,051,000	11,938,000
1920	100,302,000	96,311,719	8,290,000
1919	80,777,935	85,612,899	5,842,831
1918	71,081,663	70,915,508	10,451,044
1917	92,814,202	90,703,474	10,353,838
1916	91,521,198	94,552,296	8,360,552
1915	85,914,907	86,891,681	11,462,523
1914	88,230,170	86,437,956	12,773,463
1913	92,097,131	88,689,377	11,220,328
1912	82,438,096	85,012,556	7,811,329
1911	78,528,637	75,547,829	10,385,789

JANUARY PRODUCTION A RECORD

January's production of 7,704,000 barrels, according to the Geological Survey, was the largest for any January, and compared with 4,291,000 barrels for the same month in 1922, an increase of 3,413,000 barrels, or nearly 80%. Shipments were 5,419,000 barrels against 2,931,000 barrels in January, 1922, increase of 2,488,000 barrels, or 85%. Production during the winter is restricted because mills using the wet process of manufacture are unable to operate because of weather conditions. Many mills close down for repairs.

Stock on hand at close of last month, 11,426,000 barrels while showing a decrease of 1,890,000 barrels from the same time a year ago, were up 2,284,000 barrels from close of 1922 and 7,277,000 barrels from October last, when they reached their lowest point of 4,149,000 barrels. Stocks of clinker or unground cement at end of January were 4,009,000 barrels, against 2,849,000 barrels January 1.

Relatively large shipments last month were due to more general building activities as a result of open weather in many localities and partly to an intensive campaign being conducted by manufacturers to educate the consuming public to the advantages of spreading their orders as much as possible over the winter. In the past consumers have allowed their orders to accumulate until the cement was needed for immediate use, causing unnecessary congestion and delay.

HOME BUILDING IN ENGLAND

Since the signing of the armistice in November, 1918, the British government has erected 184,916 houses in England, which have been leased at low rentals to those who were financially affected by the war and industrial conditions. The present building program provides for the immediate erection of 30,229 more such houses, with an addition 50,000 in the future.

CLEVELAND BUILDING TRADES GET INCREASE

That wages are increasing in the building crafts in many portions of the country is confirmed by an agreement recently signed in Cleveland with the bosses. The new scale is about what ruled at the peak of the war schedule. The increases reported are: Asbestos workers, from $1 to $1.12½; painters, from $1.04 to $1.12½ until September, then $1.20 until next March; bricklayers, structural iron workers, and electricians, from $1.25 to $1.37½.

ROCK PLANT TO INCREASE OUTPUT

Increased output of crushed rock from the Oroville plant is predicted in the annual report of the Natomas Company.

The operations of the rock crushing plants of the company at Fair Oaks and Oroville were continued under the direction of the Coast Rock & Gravel Company, to whom they are leased for a perirod of three years. The volume of business was considerably greater than in 1921 and the propsects are good for an increased tonnage to be handled in 1923 as the railroad companies in the territory will undoubtedly be in the market for a large tonnage of ballast.

SACRAMENTO HOME BUILDING IS BRISK, REPORT SHOWS

In view of the unprecedented home-building program which has developed during the past two weeks and which bids fair to make March the record home-building month in Sacramento's history, a survey of the home-building in Sacramento during the past six months indicates a tremendous growth of the city and the frantic efforts of builders to meet the demand for new homes.

A study of the records of City Building Inspector Ben S. Covell reveals that since September 1, 1922, there have been built, or are being built, a total of 552 new homes, with a valuation of $1,867,607. This amounts to 43 per cent of the total building valuation represented in all permits issued during this period.

The record of building permits shows that the majority of homes built are for the average citizen of moderate means. The average price, based on the building permit valuation, is $3,385. The average home is five rooms, although there are many four-room dwellings also under construction.

The following table shows how Sacramento has progressed in home building during the past six and a half months:

Month	No. Home Permits	Home Valuation	Total Valuation
September	111	$271,126	$ 338,550.50
October	90	287,447	1,378,186.00
November	53	172,375	455,770.00
December	53	214,907	756,259.25
Jan., 1923	81	292,210	451,554.00
February	86	365,200	595,178.00
Mar. (2 wks).	73	264,342	408,589.00
Total	552	$1,867,607	$4,368,386.75

Building News Section

APARTMENTS

Contract Awarded.
APARTMENTS Cost, $30,000
BERKELEY, Alameda Co., Cal. No. 1814 to 1828 Euclid Ave.
Two-story frame stores & apartments
Owner—W. J. Mortimer.
Architect—G. F. Buckingham, 530 Bush St., San Francisco.
Supt.—W. W. Henry, 1809 Euclid Ave., Berkeley.

To be Done by Day's Work.
APARTMENTS Cost, $14,000
BERKELEY, Alameda Co., Cal. No. 2629-31 Regent St.
Two-story frame 16-room apartments.
Owner—P. H. Franks, 2839 Ellsworth St., Berkeley.

Sub-Figures Being Taken.
APARTMENTS Cost, $75,000
SAN FRANCISCO, SW Hyde & Sutter Streets.
Six-story and basement concrete (35) apartments.
Owner—Jas. Welsh, 597 20th Ave., San Francisco.
Architect—H. C. Baumann & Edw. Jose 251 Kearny St., S. F.

Plans Being Prepared.
APARTMENTS Cost, $30,000
SAN FRANCISCO. Larkin St.
Two-story and basement frame and stucco building 6 4-room apts.
Owner—Withheld.
Architect—A. J. Fabre & E. H. Hildebrand, 110 Sutter St., S. F.

Plans Being Prepared.
APARTMENTS Cost, $25,000
SAN FRANCISCO. Green St. near Franklin St.
Three-story frame and stucco apartment building (6 3-room apts.)
Owner—Withheld.
Architect—A. J. Fabre and E. Hildebrand, 110 Sutter St., San Francisco

Sketches Prepared.
APARTMENTS Cost, $750,000
SAN FRANCISCO. NW Sutter and Leavenworth Sts., 137-6x77.
Three seven-story steel and concrete apartment buildings.
Owner—H. M. Seigler.
Architect—S. Heiman, 57 Post St., San Francisco.

Sub-Figures Being Taken—To be Done by Day's Work.
APARTMENTS Cost, $80,000
SAN FANCISCO. NW Clay and Taylor Streets.
Four-story brick apartment house (24 2, 3 and 4-room apts.)
Owner—L. B. Ham, 105 Montgomery St., San Francisco.
Architect—Not Given.

Permit Applied For—Sub-Figures To Be Taken Shortly.
APARTMENTS Cost, $1,300,000
SAN FRANCISCO, SE California and Taylor Streets.
Twelve-story and basement Class A steel frame apartment house (450 rooms, 2, 3 and 4-room apts., garages and terraced garden).
Owner—Huntington Apartments, Inc. E. B. de Golla, President and Harrison P. Smith, 114 Sansome St., San Francisco.
Architect—Weeks & Day, California Insurance Bldg. San Francisco.
Contractor—Cahill Bros., 110 Sutter St., San Francisco.
All appointments will be completely furnished. The exterior will have light brick and terra cotta trimmings, tile roof, marble and walnut lobby, bronze doors, linotile bathroom floors, concealed radiators, wall beds, refrigerators, incinerator, electric stoves.

Plans Being Figured.
ALTERATIONS Cost, $8,000
SAN FRANCISCO. Green Street.
Alter two-story frame flat building into (5) apartments.
Owner—Withheld.
Architect — Fabre & Hildebrand, 110 Sutter St., San Francisco.

Segregated Figures Being Taken.
APARTMENTS Cost, $200,000
SAN FRANCISCO. N Broadway W Octavia Street.
Ten-story and basement Class A reinforced concrete apartment house. 14 apts. (9 rooms with 4 bathrooms and 6 rooms with 2 bathrooms).
Owner—"The Heights," an Incorporation, % Randolph Whitney, Monadnock Bldg., San Francisco.
Architect—Fred'k. W. Quandt, Monadnock Bldg., San Francisco.

LOS ANGELES, Cal. — H. J. Greenbaum, 4th fl. Bradbury Bldg., has the contr. at $63,400 for the erection of a brick store and apt. bldg., at cor. of 52nd St. and Vermont Ave., for E. Gerlemann; will contain 5 stores, 1 market, and 17 single apts. Brick walls, 2-sto., 102x130 ft., comp. rfg., enam. brick trim, press. brick facing. Plans by Archts. Eldridge & Jewell, 425 Pac. Finance Bldg.

SEATTLE, Wash.—A. F. Mowat, Arcade Bldg., at approx. $185,000 awarded contract to erect 4-story heavy mill construction, 160x120, ft.apartments at gore of Yale, Stewart and Denny Way. Will contain 77 apts.; 65 2-room and 12 3-room; pr. br. exterior. Edgar Blair, architect, Epler Bldg., Seattle. M. D. Carzes, owner.

BONDS

EL CENTRO, Imperial Co., Cal. — Court of appeals has decided that Imperial county may proceed at once with construction of new court house under $300,000 bonds issue. Work has been held up, validity of bonds being in doubt owing to irregularities in the election. The bonds have been invalidated.

RIVERSIDE, Riverside Co., Cal.—The election to vote on $100,000 bond issue for new city hall will be held May 4. The bldg. will cost $93,000 and equip-

SANTA BARBARA, Santa Barbara Co., Cal.—The city council has ordered a $1,000,000 municipal improvement bond election. There will be included $250,000 for the purchase of the Ambassador grounds including bldgs. remaining standing. The site will be remodeled into a public park and the former hotel engine room will be used for a municipal auditorium.

HANFORD, Kings Co., Cal.—Election will be held April 10 in Stratford Union Elementary School District to vote bonds of $50,000 to finance school improvements. Trustees are: Conrad P. Orton, Mrs. Fred Newton, E. B. Hoey, Anne M. Nance and J. V. McKim.

ALAMEDA, Alameda Co., Cal.—Election will be held May 1 to vote bonds of $750,000 to finance construction of new high school; to contain 74 classrooms, auditorium seating 2,000 and a large gymnasium.

EUREKA, Humboldt Co., Cal.—Until April 10, bids will be rec. by county supervisors for purchase of $7000 bond issue of Washington School District; proceeds of sale to finance school improvements.

MILL VALLEY, Marin Co., Cal.—E. E. Wood, principal, Tamalpais Union High School District, urges bond election to construct additional school buildings.

RENO, Nevada—Date of election to vote bonds of $30,000 to finance construction of gymnasium for high school has been extended to April 14, by trustees of Reno Junior High School Dist.

WOODLAKE, Tulare Co., Cal.—Election will be held April 14 to vote bonds to finance construction of 8-classroom addition for Woodlake Grammar School District.

CHURCHES

Contract Awarded.
CHURCH Cost, $85,000
(exclusive of furnishings).
SELMA, Fresno Co., Calif. First and Grant streets.
Fireproof church building.
Owner—First Baptist Church of Selma.
Contractor—Olcester & Potter, Yuma, Ariz. & Selma.

Date of Opening Bids Postponed To April 3, 1923.
CHURCH Cost, $100,000
STOCKTON, San Joaquin Co., Cal. Center and Flora Streets.
Concrete church building (terra cotta finish and purple glazed roof).
Owner—First Church of Christ Scientist.
Architect—Glenn Allen, 37 S Aurora St., Stockton.

LONG BEACH, L. A. Co., Cal.—Archts Alfred W. Rea and Shas. E. Garstang, 905 Trust & Savings Bldg., L. A., have been commissioned to prepare plans for a new bldg. to be erected at Long Beach for the First Friend's Church. It will be 2-story and basement with an auditorium to seat 400 and Sunday school dept. to accommodate 300. Dimensions, 90x96 ft., brick walls, press. brick facing; cost $60,000.

PACIFIC GROVE, Monterey Co., Cal.—J. W. Maxwell, Pacific Grove, is preparing plans for new edifice for Christian Science Church of Pacific Grove. Present quarters at 167 Fountain Ave. not capable of housing present attendance.

MONROVIA, Cal.—J. P. Daniels, 415 Live Oak St., Monrovia ,has the contr. to erect a 2-story and basement Sunday school bldg. in Monrovia, for the First Methodist Episcopal Church. Classrooms, banquet hall, kitchen, offices, locker rms., shower baths and assembly hall. Reinf. conc. class A construction, plas. exter., clay tile rfg. Plans by Arthur G. Lindley and Chas. Selkirk, assoc., 800 Amer. Bank Bldg., Los Angeles.

FACTORIES & WAREHOUSES

Sub-Figures Being Taken.
MACHINE SHOP Cost, $20,000
SAN FRANCISCO. N Folsom St. 343-9 W Fourth St.
One and two-story Class C machine shop building.
Owner—Daniel O'Neil, 273 Minna St., San Francisco.
Architect—J. E. Krafft & Sons, Phelan Bldg., San Francisco.
Sub-figures are being taken for the concrete work, reinforcing steel, steel sash, structural steel, plumbing and electrical work.

Contract Awarded.
LOFT BLDG. Cost, $30,138
SAN FRANCISCO. S Minna W Fourth.
Three-story reinforced concrete loft building.
Owner—Mrs. Mary F. Hawkes.
Architect—H. C. Baumann and Edw. Jose, 251 Kearny St., San Francisco
Contractor—Mission Concrete Co., Call Bldg., San Francisco.

Contract Awarded.
SHOP BLDG. Cost, $11,661
SAN FRANCISCO. NE Alabama and Twentieth Sts.
One-story and mezzanine floor shop building.
Owner—H. M. Wolter, 2398 Howard St., San Francisco.
Architect—F. W. Quandt, Humboldt Bk. Bldg., San Francisco.
Contractor—L. Vanucci Bro., 16th and Church Sts., San Francisco.

Contract Awarded.
ADDITION Cost $50,000
SANTA ROSA, Sonoma Co., Cal.
Addition of 60 ton ice making plant.
Owner—National Ice & Cold Storage Company.
Engineer—J. B. Howe, Postal Tel. Bldg. San Francisco.
Contractor—E. Hildebrand, Santa Rosa.

Plans Being Prepared.
OFFICES, ETC. Cost, $——
SAN FRANCISCO. SW Fifth and Bryant Sts.
Three-story reinforced concrete warehouse, showroom and office bldg.
Owner — M. Stulsaft Co., 647 Mission St., San Francisco.
Architect & Contractor—H. P. Hoyt, Monadnock Bldg., San Francisco.

Owner to Take Bids Next Week.
WAREHOUSE Cost, $30,000
OAKLAND, Alameda Co., Cal. Market and Twenty-second Sts.
One-story reinforced concrete office, warehouse and garage.
Owner—Foster & Kleiser Co., S. F.
Architect — Weeks & Day, California Commercial Union Bldg., S. F.
Bids will be taken for a general contract.

Contract Awarded.
FACTORY & WHSE. Cost—
EMERYVILLE, Alameda Co., Cal., 64th & Boyle Streets.
One-story reinforced concrete factory and warehouse.
Owner—Detroit Steel Products Co.
Architect—Washington J. Miller, 417 Market St., San Francisco.
Contractor—Adam Arras Co., 185 Stevenson St., San Francisco.

HILLSBORO, Ore.—Ray-Malling Cannery Co. plans additions to plant costing $50,000. Boiler capacity will be doubled and additional machinery installed.

YUBA CITY, Sutter Co., Cal.—Earl Fruit Co., California Fruit Bldg., Sacramento, plans erection of $200,000 cold storage and fruit packing plant in Yuba City. Negotiations for a site and contracts with growers are being completed.

SAN LUIS OBISPO, San Luis Obispo Co., Cal.—Swift Packing Co has purchased the Schlicht property on Higuera St., near Nipomo, and is said to be preparing plans for a fireproof creamery and packing plant. A small building, 12x60 ft., will be the first unit of the group. Bids will be called in a few days. The letting of contracts will be handled by the Chicago or Los Angeles office.

FRESNO, Fresno Co., Cal.—J. C. Forkner, 1321 J St., Fresno, plans early construction of large fig packing plant in the immediate vicinity of Fresno. Jas. Lynch, formerly connected with the Sun Maid Raisin Growers' Ass'n., is interested in the project.

SAN PEDRO, Los Angeles Co., Cal.—Davidson Constr. Co., 1445 E. 16th St., Los Angeles, has been awarded a contract at about $425,000 for erecting two factory buildings at San Pedro for the Pacific Coast Borax Co. Albert C. Martin, 430 Higgins Bldg., Los Angeles, architect. The contract includes concrete foundations, which were figured separately. The main building will be 3-story, 250x400 ft., and is designed for 5-story. It will be Class A reinforced concrete construction. The boiler house and machine shop building will be one-story and part two-story, 60x140 ft., steel frame and roof trusses; concrete walls. Baker Iron Works has the contract at $13,170 for installing the elevators.

RIVERBANK, Stanislaus Co., Cal.—Architect Jas. H. Hoose, Ramont Bldg., Modesto, taking bids to construct Riverbank Cannery buildings.

FLATS

Plans Completed.
STORE & FLAT Cost, $9000
SAN FRANCISCO, S Geary 2½ W 10th Avenue.
Two-story frame store and flat bldg.
Owner—M. Bordergary and G. Longuy, 1100 Clement St., S. F.
Architect—Gustave Stahlberg, 544 Market St., San Francisco.

Contract Awarded.
FRAME FLATS Cost, $13,000
OAKLAND, Alameda Co., Cal. W Claremont Ave. 200 S Mertin St.
Two-story 16-room frame flats.
Owner—J. Buzzialina, 5465 Claremont Ave., Oakland.
Architect—None.
Contractor—W. T. Vaughn, 4190 Opal St., Oakland.

Plans Being Figured.
FRAME FLATS Cost, $9,000
SAN FRANCISCO. N Pine Street 87-6 W Fillmore Street.
Two-story and basement frame (2) flats.
Owner—Carl F. Schlundt, 2221 Webster St., San Francisco.
Architect—A. J. Fabre and E. H. Hildebrand, 110 Sutter St., S. F.

Contract Awarded.
FLATS Cost, $15,000
SAN FRANCISCO, NE Fulton St. & 24th Avenue.
Two-story & basement frame (2) flats.
Owner—Fred Ohe, 583 19th Ave., San Francisco.
Architect—W. L. Schmolle, 40 Montgomery St., San Francisco.
Contractor—Nils P. Johnson, 1934B Folsom St., San Francisco.

Plans Being Figured.
RESIDENCE Cost, $——
SAN FRANCISCO. Lombard St., bet. Polk and Larkin Sts.
Two-story and basement frame and stucco residence flats (2 5 and 6-room flats).
Owner—Withheld.
Architect—Herman Barth, Phelan Bldg. San Francisco.

To be Done by Day's Work.
FLATS Cost, $12,000
OAKLAND, Alameda Co., Cal. W Mather St. 280 S Gilbert.
Two-story 12-room frame flats.
Owner—Frank Button, 270 Mather St., Oakland.
Architect—None.

GARAGES

To be Done by Day's Work.
GARAGE Cost, $12,000
SAN FRANCISCO. Claremont Blvd. near Twin Peaks Tunnel.
One-story hollow tile and brick public garage.
Owner—Daniel L. Bienfield, 1405 Clement St., San Francisco.
Architect—O'Brien Bros., 315 Montgomery St., San Francisco.

JOOST BROTHERS
Builders' Hardware
Tools, Etc.
(Members Builders' Exchange)
1053 MARKET ST.
Phone Market 891 San Francisco

GOVERNMENT WORK AND SUPPLIES

SAN FRANCISCO—Until April 3, 11 a. m. under Order No. 4437/413, bids will be rec. by U. S. Engineer Office, 85 2nd St., for fur. and del Rio Vista, Solano county: 60 black pipe bushings, ⅜ to ¼-in.; 12 lengths galv. ¾-in. and 12 lengths black ¾-in. pipe; 3 black pipe bushings, 2 to 1¼-in.; 1 doz. 1¼-in. and 1 doz. 1½-in. black pipe tees; 3 ground joint black unions, one of each, ¼, ⅜ and ½-in.; 1 black 1½-in. elbow; 2 close black 1¼-in. nipples; 6 black 1½-in. sleeves; 1 basin plug with rubber stopper, patent overflow, similar to No. 33,800 Crane; one 1¼x1¼-in. O. D. inlets "S" trap, center to end 9-in. similar to Crane No. C-33,915 and 2 hose bibbs, ½-in. similar to Crane No. C-31,503.

GREMERTON, Wash. — Until April 3, bids will be rec. by Supply Officer Bremerton Navy Yard, for fur. 2600 ft. magnesia pipe covering.

WASHINGTON, D. C.—Until April 4, 10:30 a. m., bids will be rec by Panama Canal Commission, under Circular No. 2318, for fur. and del. Balboa (Pacific Port): Steel, sheet copper, brass, bronze monel metal, babbitt, steel wire, steel or iron chain, steel rivets, machine bolts, brass nuts, hasps, pipe fittings, (black, galvanized and brass), corru. zinc roofing and ridge roll. Copies of circular may be had from Asst. Purchasing Agent, Fort Mason, San Francisco.

SAN FRANCISCO—Until April 2, 11 a. m., under Order No. 4436/413, bids will be rec by U. S. Engineer Office, 85 2nd St., for fur. and del. Rio Vista, Solano county: 50 gals. outside white paint in 5-gal. cans; 20 gals. outside black paint in 1-gal. cans, for iron; 20 gals. smokestack paint in 1-gal. cans; 6 pts. black engine enamel; 24 pcs. window glass, 12⅝x12⅝-in; 26 oz.

SAN FRANCISCO—Until April 2, 11 a. m., under Order No. 4435-413, bids will be rec. by U. S. Engineer Office, 85 2nd St., for fur. and del. Rio Vista, Solano county:
100 lbs. flax packing, 1-in. square, extra long fibre, best quality.
12 No. boiler hand hole gaskets, elliptical, 2½x3½-in. I. D. width of flange ⅝-in., thickness 3/16-in.,
48 No. boiler hand hole gaskets, elliptical, 3x4½-in. I. D. width of flange ⅝-in., thickness 3/16-in.
50 lbs. sheet rubber, cloth inserted, 1/16 in. thick.
2 lengths fire hose, cotton jacketed, 2½-in. with standard couplings (50 foot lengths).

SAN FRANCISCO—Until April 3, 11 a. m., under Order No. 4424/414, bids will be rec. by U. S. Engineer Office, 85 2nd St., for fur. and del. redwood, oak and pine lumber. Spec. will be furnished on request.

SAN FRANCISCO—Until April 4, 11 a. m., under Order No. 4439/413, bids will be rec. by U. S. Engineer Office, 85 2nd St., for fur. and del. Rio Vista, Solano County: Miscellaneous hardware and supplies. Specifications and list of materials desired will be furnished on request.

WASHINGTON, D. C. — Bureau of Yards and Docks, Navy Dept., rejects bids to const. paint and oil storage warehouse, at destroyer base, San Diego, Calif. and new bids will be opened April 4.

WASHINGTON, D. C.—John Pringle, 212 Anita Rd., Burlingame, at $1800, time 90 days, awarded cont. by Bur. of Yards and Docks, Navy Dept., to const. water supply at Tiburon, Calif. Spec. No. 4716.

Chas. H. Schaar, 721 21st Ave., S. Calif. at $37,956, time 120 days, awarded cont. to const. extension to torpedo storage building at Keyport, Wash. Spec. 4744.

PALO ALTO, Santa Clara Co., Cal.—Bids are being rec. by Supt., U. S. Veteran's Hospital, to const. gateway. Date for opening bids not set.

DENVER, Colo.—Until April 2, bids will be rec. by U. S. Reclamation Service for fur. metal forms and c. i. rings for lock joint conc. pipe; Spec. 308-D for Northe Platte project, Nebraska, Wyoming, involv. approx. 10,000 l. f. s. c. i. and sheet metal work.

KETCHIKAN, Alaska.—Reliance Oil Engine Corp., at $3000, time 60 days, awarded cont. by Light House Supt. for fur. 4 fog signal engines. Other bids: A. H. Cox & Co., Seattle, Wash., $4,480 and $4272, 80 days; Feenaughty Machinery Co., Portland, Ore., $1540, 10 to 14 days, Bliss & Lyon, San Francisco $4124, 2 to 20 days and 290 days; Worthington Pump and Machinery Corp., $2776, 35 days; Fairbanks, Morse & Co., $4415.56, 30 days; Power Equipment Co. $2249; bid received late.

WASHINGTON, D. C.—The following is a list of the five lowest bids received on March 29th, by the Director of the U. S. Veterans' Bureau, Arlington Bldg., Washington, D. C., for the construction of a group of twenty-four reinforced concrete hospital buildings to be erected five miles from Livermore in Alameda County. Plans were prepared by Architect Mathew O'Brien, 68 Post street, San Francisco.

R. E. McKee, 1900 Texas St., El Paso, Tex. $1,665,700; 365 days.
Sound Constr. Co., Seattle, Wash., $1,691,630; 360 days.
Mahony Bros., Flood Bldg., San Francisco, $1,698,400; 390 days.
Hannah Bros., San Francisco, $1,713,000.
Robt. Trost, San Francisco, $1,764,000.

A complete list of the bids will be published later.

KETCHIKAN, Alaska—Pennsylvania Pump and Compressor Co., at $1643, time 60 days, awarded cont. by Light House Supt. for fur. 4 air compressors. Other bids: A. H. Cox & Co., Inc., Seattle, Wash., $4272 and $4580, 50 days, oil engines included; Sullivan Machinery Co., $1780, 7 weeks; Gardner Governor Co., $2092, $2024, $2232 and $2156; Worthington Pump & Machinery Corp., $2089, 40 days; Bury Compressor Co., $2115, from stock; Chicago Pneumatic Tool Co., $1713, received late; Ingersoll-Rand Co., $1609.43, 7 to 12 days; rec. late

WASHINGTON, D. C. — E. Zimmerli, 151 Cowper St., Palo Alto, at $4650, time 90 days, awarded contract by Supervising Architect, Treasury Department, to fur. and install equipment for chemical laboratory at Veteran's Hospital, Palo Alto, Calif.

WASHINGTON, D. C.—Bids are being received by Bureau of Supplies and Accounts, Navy Department, for fur. following materials to navy yards; date for opening bids as noted at end of each paragraph:

Schedule 631, eastern and western yards, 7 motion picture projectors, April 10.

Schedule 632, Mare Island, 800 pounds rubber friction tape and 400 gross rolls varnish silk tape, April 10.

Schedule 635, Mare Island, 50,000 pounds bituminous enamel and 500 gallons bituminous primer, April 17.

White ash, April 17.

Sched. 638, Mare Island, 48,000 feet white ash.

Sched. 641, Mare Island, 6000 pounds cotton twine, April 17.

Sched. 644, Mare Island, 5300 feet steel pipe, April 17.

Schedule 645, Mare Island, 104,000 ft. electric wire, April 17.

Sched. 656, Mare Island, 5000 feet sheet cork, April 17.

Sched. 657, Mare Island, 100 plate glass mirrors, April 17.

Sched. 658, Puget Sound, 150,200 lbs. white zinc in oil, April 17.

Sched. 659, Puget Sound, 25,000 lbs. white fixe in oil, April 17.

WASHINGTON, D. C.—Until April 25, 11 a. m., bids will be rec. by Bureau of Yards and Docks, Navy Department, under Specification No. 4776, to fur. and in[illegible] approx. 1007 lin. ft. rein. [illegible] and 263 lin. ft. creosoted timber d[illegible] at Mare Island Navy Yard. Timber round piles, creosoted timber sheet piling and all creosoted timber will be furnished by Government. **See call for bids under official proposal section in this issue.**

DENVER, Colo.—Vulcan Iron Works, Denver, Colo., at $979.40 awarded cont. by U. S. Rec. Service for fur. turnout and sub-merged gates. Other bids: Denver Engineering Works Co., Denver, Colo., $1884; The R. Hardesty Mfg. Co., Denver $1084.80; The Stearns-Roger Mfg. Co., Denver, $1055; Bacon & Matheson Forge Co., Seattle Wash., $1056.75; Main Iron Works, San Francisco, Calif. $2513; McGann Mfg. Co., York, Pa., $1863; Omaha Steel Works, Omaha, Neb. $1291.

R. Hardesty Mfg. Co., Denver, Colo., at $350 awared cont. for turnout gates and submerged offices. Other bids: Denver Engineering Works, Denver, Colo., $361.25; Bacon & Matheson Forge Co., Seattle, Wash., $392.50; Main Iron Works, San Francisco, Calif. $1110; McGann Mfg. Co., York, Pa., $557.50.

WASHINGTON, D. C. — Following bids rec. by Bureau of Yards and Docks Navy Dept., Spec. No. 4768, for water softening equipment at San Diego, Cal:

Item 1, work complete; 2, do,. based on intermittent softening and on furnishing necessary storage tank.

International Filter Co., Item 1, $4,365; 2, 25c.

Permutit Co., $440 4th Ave. New York City, item 1, $3835; alternate, $3935, 150 days; 2, 10c.

Charles C. Moore & Co., Engineers, Hudson Terminal, New York City, Item 1, $4580; 2, 75c.

IT WILL be 10 years.
ON SUNDAY next.
THAT CLARENCE Sand Pratt, President.
OF THE Pratt Building Material Co.
DOUGLAS 300—"easy to remember."
STARTED THIS company.
AND EVEN this stuff.
CALLED "PRATT'S Concrete Mix."
HAS BEEN running.
ALMOST SEVEN years.
IN THE Daily Pacific Builder.
SANDY PRATT started.
WITH A small gravel plant.
ON AUSTIN creek.
AND JACK Funston.
WHO WAS a salesman.
FOR N. Clark & Sons.
USED TO make fun.
OF SANDY Pratt's mammoth (?) plant.
BUT CLARENCE had the "sand."
TO BUY his present plant.
AT MARYSVILLE.
SHORTLY AFTER this time.
AND SANDY is still.
SHIPPING THE best concrete sand.
IN THE world.
FROM THIS plant.
ON THE Yuba River.
AT MARYSVILLE.
A FEW years later.
THE PRATT Building Material Co.
BOUGHT THEIR present sand plant.
ON THE American River.
AT SACRAMENTO.
FROM E. B. & A. L. Stone.
A FEW more years.
DASHED BY.
AND SANDY Pratt started aomething.
AT THE big city.
OF PRATTCO, Monterey Co.
AND PRODUCED "Prattco Amber" sand.
NOW AFTER ten years.
SANDY IS starting.
THE PRATT Rock & Gravel Co.
AND NEAR Folsom.
WILL ERECT a $200,000 plant.
CRUSH, WASH, screen.
AND SHIP crushed rock and gravel.
LEFT ON the ground.
BY THE gold dredgers.
TO ALL our friends.
WHO HAVE helped.
MAKE US succeed.
CLARENCE SAND Pratt says.
FOR THE Pratt Building Material Co.
"I THANK you."

This is a photograph taken 10 years ago, on April 1, 1913, at the first sand and gravel plant of Clarence Sand Pratt, President of the Pratt Building Material Co. Note how styles have changed. The chief engineer in the center of the "pit" is telling the "salesman" to rustle more ordere for sand. The 1913 model aeroplane in the sky is the Industrial Accident Inspector looking to see if we have plenty of "water" for our hoisting engine (Tule and Grass Brand).

WASHINGTON, D. C. — Bureau of Yards and Docks, Navy Dept., has cancelled Spec. No. 4745, providing for remodeling of bachelor officers' quarters at Pearl Harbor, T. H. Similar action has been taken with regard to Spec. 4756 for moving building at Mare Island, Calif., Navy Yard.

HALLS AND SOCIETY BUILDINGS

ENSENADA, Cal. — Archts. Webber, Staunton & Spaulding, 1017 Hibernian Bldg., are preparing plans for a clubhouse to be erected on a 40-acre tract at Ensenada for Ensenada Beach Club. Spanish style, 2-story, 360x132 ft., with a patio, 112x76 ft., lobby, dining room, kitchens, club rooms, billiard room and 54 bed rooms each with private bath; reinf. conc. constr., plas. exter., clay tile rfg., cost, $250,000.

CORCORAN, Kings Co., Cal.—American Legion will campaign for funds to finance construction of club house. A structure costing $15,000 is planned.

TULARE, Tulare Co., Cal.—Tulare American Legion Building Co., capitalized at $12,000, has been organized for the purpose of financing construction of a club building. P. D. Nowell, H. C. Merritt, Jr., and Lorne McAllister are the three trustees.

All Bids Rejected.
AUDITORIUM Cost, $600,000
STOCKTON, San Joaquin Co., Cal. Center, Commercial, Fremont and Oak Streets.
Class A reinforced concrete memorial auditorium with steel dome and roof trusses, white cement and pre-cast sandstone exterior finish.
Owner—City of Stockton.
Architect—City Architectural Commission (Louis S. Stone, Glenn Allen and W. J. Wright), 41 S Sutter St., Stockton.
All bids have been rejected and it has not been decided whether additional bonds will be voted or the plans revised.

LOS ANGELES, Cal.—Archt. Robt. H. Orr, 1306 Corporation Bldg., has completed plans for a lodge bldg. to be erected at n. w. cor. of 3rd and Oxford Ave., for Wilshire Lodge No. 445, F. & A. M. It will be Spanish style, 2-sto., 70x106 ft., brick walls, stucco exter., clay tile rfg.; $70,000. Bids will be taken this week from a selected list of contractors.

LOS ANGELES, Cal. — Archt. H. C. Deckbar, 1007, Wright-Callender Bldg., is completing plans for a 2-story brick store and lodge bldg. to be erected at Santa Barbara and Western Aves., for University Lodge F & A M. It will contain 7 stores in the first story and lodge rm., banquet rm. and accessories in second story, brick constr., 90x130 ft., press. brick facing, terra cotta trim, steel beams.

ASTORIA, Ore.—Chas. T. Diamond, Astoria, commissioned by Astoria Lodge of Elks to prepare plans for 4-story and basement fireproof store and lodge hall to be erected at 11th and Exchange Sts.; est. cost, $200,000.

HOSPITALS

Contracts Awarded.
HEALTH CENTER BLDG. Cost—
ALAMEDA, Alameda Co., Cal., S. Santa Clara Ave., between Walnut and Oak Streets.
One-story frame and stucco health center building.
Owner—City of Alameda, W. E. Varcoe, city clerk.
Architect—Carl Werner, Santa Fe Bldg., San Francisco.
General contract to McIntosh Bros., at approx. $21,000.
Lathing and Plastering to Wm. Makin 1048 Excelsior, Oakland, $5970.
Painting to R. Zelinsky, 180 Jessie St., San Francisco, $1485.
Electrical work to Strom Elec. Co.
Plumbing to J. E. O'Mara, 218 Clara St., San Francisco, $2965.

General Figures Being Taken From a Selected List of Contractors.
HOSPITAL Cost, $500,000
SAN FRANCISCO, S Sutter E Larkin. Nine-story and basement class A reinforced concrete and steel hospital bldg. 56x137-6 (College of Electronic Medicine)
Owner—Dr. Albert Abrams.
Architect — Mel. I. Schwartz, Nevada Bank Bldg., San Francisco.
The exterior will be finished with granite and terra cotta. The main floor will have a large rotunda with marble inlaid floor and eight columns of Travertin of Scagliola, supporting an ornamental dome.

Sub-Contracts Awarded.
HOSPITAL ANNEX. Cost, $200,000
OAKLAND, Alameda Co., Cal., Moss & Broadway.
Four-story reinforced concrete annex for hospital.
Owner—Fabiola Hospital Assn.
Architect—Geo. Wm. Kelham, Sharon Bldgs., San Francisco.
Contractor—P. J. Walker Co., Monadnock Bldg., San Francisco.
Steam heating system awarded to The Turner Co., 272 Natoma St., San Francisco, $10,420.
Plumbing to Scott Co., $24,100.
Electrical work to Ne Page—McKenney Co., 589 Howard St., San Francisco, $7,150.

SANTA BARBARA, Santa Barbara Co., Cal.—Architects Soule, Murphy & Hastings, 1206 State St., have been instructed to proceed with plans for the new St. Vincent's Orphanage building. It will be three-story with two two-story wings. It will be designed to accommodate 175 children and 12 sisters. Est. cost, betw. $300,000 and $350,000. In addition to the main building there will be power house, laundry, home for employes, and a school building.

PALMS, Los Angeles Co., Cal.—Jos. H. Roberts, 213 Marine Bank Bldg., Long Beach, is preparing plans for a two-story and basement frame sanitarium and group buildings to be erected in Palms, for the Porter Milk Diet Sanitarium of Long Beach. Work has begun by segregated contract, main building, 80x152 ft., 60 rooms, including 33 patient rooms, 10 tile baths, stucco exterior, refrigerating pantry, general hot water system, laundry, unit gas heating, basement refrigerating plant, private tower, nurses' home, 20 detached private pavilion apts., pools, roads, program clock and call bell signal system.

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PORTLAND CEMENT
A Standard Portland Cement
Plus
Plasticity and Waterproofness
For Sale By
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EVERYWHERE

FRESNO, Fresno Co., Cal.—County Welfare Board and Dr. Herbert O. Collins, director of county hospital, recommends to supervisors the construction of clinic and "admission department" building at county hospital; est. cost, $40,000.

HOTELS

Sketches Prepared.
HOTEL Cost, $350,000
MONTEREY, Monterey Co., Cal.
Two-story reinforced concrete or hollow tile hotel (about 200 rooms).
Owner—R. Jacks, Monterey.
Architect—O'Brien Bros., 315 Montgomery St., San Francisco.

Contract Awarded.
ALTERATIONS Cost, $40,000
SAN FRANCISCO, 353 Geary.
Remove elevators and install new, construct new shafts, with steel foundations, new floor, etc. in hotel loby.
Owner—Chas. Stewart, 353 Geary St., San Francisco.
Architect—M. V. Politeo, 1st Natl. Bk. Bldg., San Francisco.
Contractor—G. P. W. Jensen, 320 Market St., San Francisco.

Plans Being Prepared — Contract Awarded.
HOTEL Cost, $1,425,000
SACRAMENTO, Sacramento Co., Cal. NW Twelfth and L Sts.
Ten-story Class A store and hotel building, 240x160 ft. (400 rooms).
Owner—E. Troop and W. C. Crittenden of San Francisco and Associates.
Architect—Kenneth MacDonald Jr. and Maurice Couchot, 234 Pine St., San Francisco.
Contractor—Cahill Bros., 110 Sutter St., San Francisco.

LOS ANGELES, Cal.—Archts. Russell & Alpaugh, 1106 Story Bldg., have been commissioned to prepare plans for a 14-story and basement class A store and hotel bldg. to be erected at s. e. cor. of 9th and Hill Sts., for Wallace Whitecotton. It will have a frontage of 154 ft. on 9th St. and 145 ft. on Hill St. There will be a lobby, dining room, kitchen, chocolate shop, concessions and 8 stores in the first story. The upper stories will contain 702 rooms, 90 per cent private baths with shower baths for the remainder. Reinf. conc. constr., press. brick and terra cotta facing, marble lobby, plate glass, birch inter. trim, tiled baths, freight and 3 passenger elevators, steam htg., vacuum cleaning; $1,500,000.

LOS ANGELES, Cal. — Williams & Neville, Marsh-Strong Bldg., have the contr. to erect a 3-story class C brick hotel bldg. on 3rd St., bet. Fremont Av. and Beaudry Ave. for F. I. Lamb. It will contain 76 rms.; dimensions, 85x94 ft., brick walls, press. brick facing, fire escapes; cost $97,000.

YUBA CITY, Sutter Co., Cal.—Seymour and Abe Schneider, Yuba City, have purchased site in Plumas street and will erect (5) stores and (75-room) hotel building; est. cost, $35,000. Site is 150 by 250 ft.

SAN PEDRO, L. A. Co., Cal.—Archt. Lyman Farwell, 2308 S Figueroa St., L. A., has prepared plans for a 3-story and basement class C brick store and hotel bldg. to be erected at s.w. cor. Mesa and 8th Sts., San Pedro, for G. Piuma. It will contain 5 stores, 70 hotel rms., 16 baths, lavatory in each rm., brick construction, press. brick facing, structural steel. Cost $80,000.

ICE AND COLD STORAGE PLANTS

LODI, San Joaquin Co., Cal.—City Fuel & Ice Co., 200 S-Sacramento St., will construct addition to present plant.

YUBA CITY, Sutter Co., Cal. — See "Factories & Warehouses" this issue. Earl Fruit Co.

POWER PLANTS

CORNING, Tehama Co., cal.—Pacific Gas and Electric Co., 445 Sutter St., San Francisco, will spend $53,597 in imp. its electrical distribution system in corning, according to H. B. Baryford, manager of the company with headquarters in Red Bluff. Improvements will include installation of new street lighting standards.

SISKIYOU COUNTY, Cal. — Wm. G. Devereaux, Call Bldg., and Sanderson and Porter, consulting engineers, Nevada Bank Bldg., San Francisco, preparing plans for improvements proposed by Electric Metals Co., on Klamath River; total est. cost $10,000,000. Project includes the const. of a conc. arch dam 250 ft. high and 600 ft. long across Klamath river, a power house to develop 110,000 h. p., 1750 ft. tunnel to be used for a penstock to the power house. A railroad from Trinidad harbor to the dam site, about 40 miles in length, will be built, and metallurgical works and smelters will be erected at Trinidad, Calif. Harry Payne Whitney, Buckeley Wells and John Hays Hammond are reported to be interested in this project.

PUBLIC BUILDINGS

Plans Being Figured.
MUSEUM Cost, $60,000
SAN FRANCISCO, Golden Gate Park.
One-story concrete museum.
Owner — M. H. de Young, Chronicle Bldg., San Francisco.
Architect—Weeks & Day, 315 Montgomery St., San Francisco.

Bids To Be Called For About April 1st.
CITY HALL Cost, $600,000
STOCKTON, San Joaquin Co., Cal., El Dorado, Centro, Fremont and Lindsey Streets.
Class A City Hall.
Owner—City of Stockton.
Architect—J. Pearce, of David-Heller-Pearce Co., Jos. Losekann and Pete Sala, as a firm, Delta Bldg., Stockton.

Contractors to Award Sub-Contracts Shortly.
SCHOOL BLDG. Cost, $190,000
SAN JOSE, Santa Clara Co., Cal.
Two-story reinforced concrete home Economics Bldg., 290x105 and a 1-story reinforced concrete manual arts bldg. 160x105 with open court.
Owner—State of California.
Architect — Division of Agriculture, Forum Bldg., Sacramento.
General contract awarded to Sampel & Cody, Call Bldg., San Francisco, $127,600, 200 days.
Mechanical equipment to Latourrette-Figal Co., 907 Front St., Sacramento $35,385, 100 days.

MT. VERNON, Wash.—Architect T. F. Doan, Bellingham, Wash., commissioned to prepare plans for $250,000 court house for Skagitt county. Will be 5 stories high, 150 by 120 ft., fireproof construction.

RESIDENCES

Plans Being Prepared.
RESIDENCE Cost, $12,000
SAN FRANCISCO. Francisco Street.
Two-story frame and stucco residence.
Owner—Withheld.
Architect—A. J. Fabre and E. H. Hildebrand, 110 Sutter St., San Francisco

Plans Being Prepared—Figures To Be Taken In Two Weeks.
RESIDENCE Cost, $25,000
SAN FRANCISCO, N Washington St., near Cherry
Two-story and basement frame and stucco residence with tile roof (8 rooms and 2 bathrooms).
Owner—Joseph W. Salz.
Architect—Wm. F. Gunnison, 57 Post St., San Francisco.

To Be Done By Day's Work.
DWELLINGS Cost, $4900 ea.
OAKLAND, Best Ave., Maxwell Ave., Fleming Ave., Kingsland Ave and Rawson Ave. in Maxwell Park.
50 1-story dwellings.
Owner—Burritt & Shealey, 2716 Kingsland Ave., Oakland.

Plans Completed.
RESIDENCE Cost, $25,000
SAN FRANCISCO. Monterey Blvd., St. Francis Wood.
Two-story frame and stucco residence and garage.
Owner—F. E. Wuthman.
Architect—H. H. Gutterson, 278 Post St., San Francisco.
The contract will be let on a percentage basis.

Plans Being Figured.
RESIDENCE Cost, $10,000
SAN FRANCISCO. Balboa Terrace.
Two-story frame and stucco residence.
Owner—Shiels.
Architect—H. H. Gutterson, 278 Post St., San Francisco.

HOLLYWOOD, L. A. Co. Cal.—Winter Constr. Co., 200 L. A. Ry. Bldg., L. A., has been awarded a contr. at about $62,000 for erecting a resi. in Hacienda Park, West Hollywood, for F. S. Montgomery. Plumbing and electric wiring will be let separately. Dodd & Richards 905 Brack Shops Bldg., archts. It will contain 20 rms. and 5 bathrooms; hollow conc. wall constr., plas. exter., cast stone trim, slate rfg.

ANTIOCH, Contra Costa Co., Cal.—Antioch Development Co., has been organized with a capitalization of $50,000 to finance construction of homes. Company will construct ten residence at once. Directors are: Lloyd A. Clary, M. D., R. J. Trembath, R. V. Davis, H. A. West and R. M. Beede. Moraimer B. Veale, is secretary-treasurer.

LOS ANGELES, Los Angeles Co., Cal.—Birch O'Neal Co., 108 N. Larchmont Blvd., has been awarded the contr. to erect an English style residence at 6th St. and Lorraine Blvd. for Frederick Leistikow. John C. Austin, 1125 Baker-Detwiler Bldg., Archi. Two-story, 16-rooms, 5 bathrooms, brick veneer, slate roofing, hardwood and pine trim, oak floors, tile mantels, tiled baths, unit gas heating, water heater; $85,000.

SCHOOLS

Plans Being Prepared—Bonds to Finance Construction to be Voted.
SCHOOL Cost, $27,000
KINGSBURG, Fresno Co., Cal. Dinuba Highway, 4 miles east of Kingsburg.
One-story grammar school.
Owner — Kings River School District. Trustees are: V. C. Hammersten, C. O. Peterson and V. G. Pierson.
Architect—Anton Johnson, Kingsburg.

Plans Being Figured.
DORMITORY Cost, $45,000
SAN RAFAEL, Marin Co., Cal.
Three-story frame dormitory (shingle exterior).
Owner—Dominican College, San Rafael
Architect—Albert M. Caldwell, Room 709, 251 Kearny St., S. F.

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Sheet Metal Work of Every Description

CHAS. SCHULTHEIS, Mgr.

3117-3119 TWENTIETH STREET near Harrison St.

SAN FRANCISCO, CALIF.

Contract Awarded.
SCHOOL Cost, $15,000
SACRAMENTO, Sacto. Co. Cal. 21st and V Streets.
Two-story frame and stucco school.
Owner—Mrs. H. O. Keeney, 2214 21st St., Sacramento.
Architect—Eugen B. Baker, 2309 Howe St., Berkeley.
Contractor—Ira Boss, 2615 K St., Sacramento.
It will contain class and recitation rooms, domestic science rooms, a large auditorium on the ground floor for athletic purposes and social uses. There will also be shower baths, and to the south of the structure a swimming tank is to be constructed, 50 by 20 feet.

New Award On General Contract — Plumbing Being Refigured.
GYMNASIUM Cost, $63,220
GILROY, Santa Clara Co., Cal.
One-story hollow tile and concrete gymnasium.
Owner—Gilroy High School District.
Architect—Wyckoff & White, Growers Bank Bldg., San Jose.
Contractor—E. Nommensen, 19 S 15th St., San Jose.
This contract was previously awarded to Wm. Radke of Gilroy. The plumbing was awarded to Jas. Muckle, of San Jose at $4643 but was later canceled and new bids called for.
The heating was awarded to W. K. Nottingham, of Oakland.

Plans Being Completed.
SCHOOL Cost, $——
CASTLE ROCK, Wash.
Two-story and basement brick or concrete school, 125x84 ft.
Owner—Castle Rock School District.
Architect—Chas. H. Burggraf, Albany, Oregon.
Bids will be asked in about ten days.

Contracts Awarded.
SCHOOL BLDG. Cost, $55,000
TURLOCK.
One-story 8-room brick and concrete school bldg. with tile roof (2nd unit, and will be known as the Science wing).
Owner — Turlock Union High School District.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
General contract to P. T. Wallstrum, of Turlock, $46,665. (for brick bldg. with concrete floors).
Heating to Turlock Plumbing Co., Turlock, $4893.
Electrical work to Claire W. Ross, Turlock, $1576.60.
Linoleum to Bonded Floor Co., San Francisco, $579.60.
Slate Blackboards to C. F. Weber & Co. San Francisco, $534.35.

Figures To Be Taken In Three Weeks.
ADMIN. BLDG. Cost, $100,000
STOCKTON, San Joaquin Co., Cal.
Two-story brick, concrete and terra cotta, slate roof administration bldg., 160x60 (collegiate Gothic).
Owner—College of the Pacific.
Architect—Louis S. Stone and F. E. Warner, 309 Exchange Bldg Stockton.
Managers of Construction & Supervising Architects — Davis-Heller-Pearce Co., Delta Bldg., Stockton.
Plans for the administration and music conservatory (2-story structure, est. cost $150,000) are being prepared by Archt. Frank Mayo, 21 S San Joaquin St., Stockton. Memorial Science building will be known as the "Weber memorial" (2-story structure, est. cost. $105,000). Archt., Losekann & Clowdsley, Elks Bldg., Stockton.
There will be five other buildings, for which architects will be selected within the next two weeks. All construction will be of brick, concrete & terra cotta. Total cost approximately $700,000.

Plans Being Prepared.
SCHOOL Cost, $80,000
FORT BRAGG, Mendocino Co., Cal.
Twenty-room frame school with concrete foundations and composition roof.
Owner—Fort Bragg School District.
Architect—Norman R. Coulter, 46 Kearny St., San Francisco.

REEDLEY, Fresno Co., Cal.—Until April 9, bids will be rec. by Trustees of Reedley Union High School District for fur. and installing lighting fixtures in new school buildings.

MODESTO, Stanislaus Co., Cal.—Date to open bids for Modesto Junior High School ,extended from April 2nd to April 13. **See call for bids under official proposal section in this issue.**

RIVERSIDE, Riverside Co., Cal.—G. Stanley Wilson, 646 W. 9th St., is completing plans for the new Home Economics Bldg., which is to complete the group of school buildings on Terracina Dr. Est. cost. $175000. It will be of Classic style architecture, conforming to the other units in the group; 2-stor. and basement, 14 classrooms, laboratories, print shop, supply rooms, mechanical units. Cream press. brick exter.; maple fls., steam heating. The building will contain about 40,000 sq. ft. room area. Bids will be advertised for as soon as plans are complete.

LOS ANGELES, Los Angeles Co., Cal.—Archt. John R. Kibbey, 826 Low State Bldg., has completed plans for a new school building to be erected on Sierra St. near Mercury St., It will contain 10 rooms; 2-sto., 60x94 ft., brick constr., tile rfg. The board of education will advertise for bids shortly.

LOS ANGELES, Los Angeles Co., Cal.—Clark Bros. & Libby, 5117 Hollywood Blvd., were low bidders at $67,950 for erecting a new school building at Euclid Ave. school site, Euclid and Stephenson Aves.; Elmer Grey, Bank of Italy Bldg., archt. Low bidders on other contracts were: H. E. Murry on plumbing at $5770; G. C. Sutton on heating at $5634; R. E. Swan on painting at $295, and American Electric Fixture Co. on wiring at $2954.40. It will contain 12 units; 2-sto., 167x38 ft., brick constr., clay tile rfg., pine trim, maple floors, reinf. concr. stairways and corridor floors.

REEDLEY, Fresno Co., Cal.—Until April 9, 8 P. M., bids will be rec. by Marion Deneen, Clerk, Reedley Joint Union High School District, for fur. and instal. electric light fixtures in new high school. **See call for bids under official proposal section in this issue.**

COVELO, Mendocino Co., Cal.—The Board of Trustees of the Round Valley Union Grammar School District, received bids on March 26th, for the construction of a one-story concrete school building from plans prepared by Architect Norman R. Coulter, 46 Kearny street, San Francisco. The contract was awarded to Arthur Biggers, 850 S-Third St., San Jose. Following is a complete list of the bids received:

Arthur Biggers, San Jose	$33,048
Cochrane, Grant & Boehm, S. F.	34,765
Jos. Piasecki, S. F.	35,794
Burton & Rced, Grass Valley	39,750

ALAMEDA, Alameda Co., Cal.—Until April 3, 5 P. M., bids will be rec. by C. F. DuFour, Sect'y, Board of Education, City Hall, Santa Clara and Oak Sts., for fur, and del. supplies and equipment, req. for the year 1923-24. Materials include furniture. Further information on application to above.

ALAMEDA, Alameda Co., Cal.—Until April 3, 5 P. M., bids will be rec. by C. J. De Four, Sect'y., Board of Education, City Hall, Oak St. and Santa Clara Ave., to remove flooring in hall of Lincoln School and replace same with No. 1 clear, vertical grain, kiln dried O. P. flooring. Cert. check 10% req. with each bir. Spec. obtainable from Sect'y.

LOS ANGELES, Cal.—Until 9 a. m., April 6, bids will be rec. by the L. A. board of education for the following work:

For erecting additions to Virgil junior high school, n. e. cor. Vermont Ave. and First St.; brick constr.; $100,000. Hunt & Burns, archts. Separate bids on general contr., plumbing, heating, painting and wiring.

For erecting an addition to Arlington Hts. school, 7th Ave. and 17th St., brick constr.; $70,000. Richard D. King, architect. Separate bids on general contr., plumbing, heating, painting and wiring.

For electric wiring for new bldg. to be erected at Torrance high school site.

Plans and spec. for above work may be obtained at secretary's office, 730 Security Bldg.

FRESNO, Fresno Co., Cal.—Until Apr. 12, 5 P. M., bids will be rec. by L. L. Smith, Sect'y., Board of Education, 2525 Tuolumne St., for fur. fireproof safe or cabinet. Cert. check 10% payable to Bd. of Educ. req. with each bid. Further information obtainable on request.

LOS ANGELES, Cal.—Until 9 a. m., April 11, bids will be rec. by the L. A. board of education for erecting new school bldgs. as follows:

For erecting new bldg. at Wilton Pl. school site, n. w. cor. of Wilton Pl. and 8th St.; 2-story brick constr.; $84,000. Plans by architectural dept. of board of education. Separate bids for general work, plumbing and painting.

For erecting new Wilshire junior high school bldgs., on Wilshire Blvd. near Highland Ave.; brick constuction $350,000. Plans by architectural dept of board of education, Edgar H. Cline, archt. Separate bids on general contr., plumbing and painting.

Plans and spec. for above work may be obtained at secretary's office, 730 Security Bldg.

TUCSON, Ariz.—Until 10 A. M., Apr. 10, bids will be received by board of education for the construction of a high school on block 65, city of Tucson. Proposals will be received for the general contract which will embrace all excavating; plain and reinf. concr. struc. steel and iron work, brick work; hollow tile work; terra cotta; carpentry and millwork; tile roofing; ornamental metal work; steel sash; metal covered doors, marble; steel partitions; painting; electric elevator and sheet metal. Separate proposals will be received for the following: Plumbing; heating; electric work; linoleum; steel lockers. Plans and spec. prepared by Lyman & Place, Archts.; H. O. Jaastad, assoc.; may be obtained from Lyman & Place, upon deposit of $75. Cert. chk. 5%. J. C. Myers, Clerk. The building will be of Class A construction, 3-stor., 200x300 ft. Bids previously received were rejected as too high. Of the $750,000 available, only $600,000 can be used for the construction, $150,000 being appropriated for equipment and furnishings.

SANTA BARBARA, Santa Barbara Co Cal.—Archts. Soule, Hastings & Murphy, 1206 S State St., are completing plans for two enw $200,000 elementary school bldgs. One will be the new Franklin school and the other, the Washington-Riviera school. Bids will be called for shortly. A. H. Avery, chairman of the bldg. committee of city board of education.

FELLOWS, Kern Co., Cal.—Until Apr. 9, 8 p. m., bids will be rec. by P. E. Williams, clerk, Midway School District to const. 4-classroom and auditorium school and for alterations in present structure. Eugene K. Martin, architect, Arlington Bldg., Bakersfield. Bonds to the amount of $60,000 have been voted. **See call for bids under official proposal section in this issue.**

BANKS, STORES & OFFICES

Plans Being Prepared.
STORES Cost, $150,000
PORTLAND, Ore. Alder Street.
Four-story and basement mill construction stores, 70x130 ft.

A. E. Leitch Fred Clark

CLARK & LEITCH ROOFING CO.

Successors to E. S. Warner

Office and Warehouse:

1116 SECOND ST., SACRAMENTO

Phone Main 726

Owner—Ungar's Fur Store.
Architect—Houghtaling & Dougan, Elks Bldg., Portland, Ore.
Sprinkler system will be installed. Interior trim of mahogany with tile corridors.

Plans Being Prepared.
ADDITION Cost, $30,000
HEALDSBURG, Sonoma Co., Cal., Powell and Center Sts.
Two-story reinforced concrete addition to bank.
Owner—First Natl Bank of Healdsburg
Architect—M. G. West Co., 115 Front St., San Francisco.

Plans Completed.
STORES Cost, $9600
SAN FRANCISCO, N Dewey Blvd. near Laguna Honda Station.
One-story reinforced concrete stores.
Owner—Mrs. Wm. and Miss M. Koenig, 1 Pacheco St., San Francisco.

Contract Awarded.
AUTO SALES BLDG. Cost, $12,000
BERKELEY, Alameda Co., Cal. No. 2603-09 Shattuck Avenue.
One-story tile auto sales and battery station.
Owner—Martha Washington, 2250 Fulton St., Berkeley.
Architect—None.
Contractor—P. P. Butterfield. 2488 Shattuck Ave., Berkeley.

Structural Steel Bids In—Other Sub-Figures To Be Taken Shortly.
BANK & OFFICE BLDG. $1,000,000
FRESNO, Fresno Co., Cal., Mariposa and J Streets.
15-story class A bank and office bldg.
Owner—Pacific Southwest Trust and Savings Bank.
Construction Managers — Trewhitt & Shields, Rowell Bldg., Fresno.
Archt. & Eng.—The Felchin Co., Bank of Italy Bldg., Fresno.
All bids will be taken by Trewhitt & Shields, who will sub-let all work except the concrete & carpentry work which will be done by them.

Sub-Contracts Awarded.
SAN JOSE, Santa Clara Co., Cal., Second and Santa Clara Sts.
Extensive alterations to four-story brick office and store building.
Owner—Albert Kearns, San Francisco.
Architect—Andrew Knoll, Hearst Bldg. San Francisco.
Carpenter work awarded to L. Fontanella, 1682 Eddy St., San Francisco.
Plastering to Leonard Bosch, 180 Jessie St., San Francisco.
The exterior will be plastered, new store fronts installed, marble lobby, new plumbing, electrical work, painting, etc.

Sub-Figures Being Taken.
STORES & OFFICES Cost $17,000
SAN FRANCISCO, NE Clement St. & 7th Avenue.
Two-story and basement brick stores and offices.
Owner—York Realty Co., 40 Montgomery St., San Francisco.
Architect—W. L. Schmolle, 40 Montgomery St., San Francisco.

Contract Awarded.
BANK Cost, $40,000
OAKLAND, Alameda Co., Cal. NW Fourteenth St. and 45th Ave.
One-story brick and concrete bank.
Owner—The Oakland Bank, 12th and Broadway, Oakland.
Architect—Reed & Corlett, Oakland Bk. of Savings Bldg., Oakland.
Contractor—Oliver Duval & Son, Daziel Bldg., Oakland.

Plans Being Figured—Bids Clos Mar. 30, 10 A. M.
POST OFFICE, ETC. Cost, $——
REDDING, Shasta Co., Cal. California and Tehama Streets.
Two-story and basement reinforced concrete post office (2) stores and (23) offices, 80x140 ft.
Owner—Attorney R. J. Anderson, Redding, representing owners.
Architect—C. C. Dakin, 2961 Pine St., Berkeley.
Bids will be opened in the office of C. T. Dozier, Engineer, at Redding. Mr. Dakin is also in Redding.

Construction To Start In About a month.
BANK BLDG. Cost, $200,000
SAN FRANCISCO, 426 CALIFORNIA ST.
Two-story class A addition to present bank building
Owner—San Francisco Savings & Loan Society.
Architect — Herbert A. Schmidt, 251 Kearny St., San Francisco.
Contractor—Chas. W. Heyer Jr., Mills Bldg., San Francisco.
The building on the site is now being razed and Mr. Heyer will take sub-figures shortly.

Contract Awarded.
ADDITION Cost, $100,000
SAN FRANCISCO, SW Fell and Gough Streets.
One-story reinforced concrete Class B addition to present two-story garage building now under construction.
Owner—Louis R. Lurie.
Lessee—Pacific Tel. & Tel. Co.
Architect—O'Brien Bros., 240 Montgomery St., San Francisco.
Contractor—Yukicevich & Bagge, 180 Jessie St., San Francisco.
The addition will be finished for offices to accommodate one department.

Plans to be Prepared.
OFFICE BLDG. Cost, $50,000
SAN FRANCISCO, E Sansome St., bet. Bush and Sutter Sts.
Alter four-story and basement fireproof office building.
Owner—A. F. Rousseau, 110 Sutter St., San Francisco.
Architect — D. C. Coleman, 110 Sutter St., San Francisco.

Prospective.
DEPARTMENT STORE Cost, $——
SAN FRANCISCO, SE Market and Eighth Sts.
Ten or twelve-story Class A department store building.
Owner—Marian Realty Co., 110 Sutter St., San Francisco.
Prospective Lessee — May Co. of Chicago.
The pedestrian traffic and car service is now being investigated for the prospective lessees.

Plans Being Figured.
OFFICE BLDG. Cost, $55,000
BERKELEY, Alameda Co., Cal. Shattuck Ave. and Addison St.
Two-story and basement reinforced concrete bank and office building with store in basement (cement exterior).
Owner—College National Bank of Berkeley.
Architect — Chas. W. McCall, Central Bank Bldg., Oakland.
Figures are being taken for a general contract.

Prospective.
ADDITION Cost—
SAN FRANCISCO, Montgomery & Summer streets, bet. Pine and Calif.
Six-story fire-proof wing addition to office building (also remodel present building).
Owner—Walter H. Sullivan, Alexander Bldg., San Francisco.
If the addition is erected plans will be prepared by Architect Leo J. Devlin, Pacific Building.

Steel Contract Awarded.
OFFICE BLDG. Cost, $1,500,000
SAN FRANCISCO, SE Market & Beale Streets.
Seventeen-story and basement class A brick, steel & concrete office bldg.
Owner—Pacific Gas & Electric Co.
Architect — Bakewell & Brown, 251 Kearny St., San Francisco.
Consulting Engineer—C. H. Snyder.
Consulting Mechanical Engineer — Hunter & Hunter.
The steel contract has been awarded to the Judson Mfg Co., 817 Folsom St., San Francisco, for 2700 tons to be delivered in 5 or 6 months. Bids for the piling will be called for in about a week.

Contract Awarded.
FIXTURES Cost, $34,510
VISALIA, Tulare Co., Cal.
Bank fixtures and interior mahogany trim for five-story bank bldg.
Owner—Bank of Italy.
Architect — R. F. Felchlin Company, 507 Bank of Italy Bldg., Fresno.
Contractor—The Fink & Schindler Co., 218 13th St., San Francisco.

Completing Plans.
STORE BLDG. Cost, $25,000
SAN FRANCISCO, E Mission St., betw. 17th and 18th Sts.
Two-story and mezzanine floor brick class C store bldg., 75x122-6 (cem. exterior.)
Owner—Klopstock Bros.
Architect—Mel I. Schwartz, Nevada Bk. Bldg., San Francisco.

LOS ANGELES, Cal.—Archts. Curlett & Beelman, 408 Union Bank Bldg., have been commissioned to prepare plans for a 12-story and basement class A loft and office bldg., to be erected at 742-46 S Hill St., for the Sun Drug Co., which has secured a long term lease on the property. It will be 61x150 ft., reinf. conc. constr., press. brick and terra cotta facing, plate glass, marble and tile work, steel sash.

LOS ANGELES, Cal.—Archt Harwood Hewitt, 1130 Van Nuys Bldg., is completing plans for a 7-story and basement class A office and loft bldg. to be erected at s. w. cor. of 11th and Main Sts. for Morris Harris. Reinf. conc. construction, 73x109 ft., press. brick and cast stone exter., Tufa stone entrance, plate glass, steel sash, marble and tile lobby, freight and 2 passenger elevators, steam htg., loading platform. Bids will probably be taken this week for all work complete in one contract.

LOS ANGELES, Cal.—Archts. Curlett & Beelman, 408 Union Bank Bldg., have been commissioned to prepare plans and spec. for a 12-story and basement, class A store and office bldg. to be erected at the n. e. corner of 5th St. and Broadway for Chester Williams. The site and bldg. will be leased to the Sun Drug Co. for a period of 99 years. The bldg. will contain seven stores in the first story and about 400 offices in the upper stories. Dimensions, 81x150 ft., steel frame constr., brick filler walls, terra cotta facing.

SOUTHERN CALIFORNIA — The Bank of Italy is contemplating a program of expansion which will involve the erection of 40 class A bank bldgs. in various cities in Southern California at a cost of about $10,000,000. A new bldg. is contemplated for Hollywood and also a 12-story addition to the International Bank Bldg. at Spring and Temple Sts. New bldgs. are also contemplated for Pasadena, Orange, El Centro, Imperial and other cities.

PHOENIX, Ariz. — Tucson Pressed Brick Co. has been given contr. for about 75 car loads brick for the new Luhrs Bldg., which will be erected in Phoenix by George Luhrs & Sons, at a cost of $490,000. J. J. Garfield, Tucson, contractor.

PASADENA, L. A. Co., Cal.—So. Cal. Edison Co. will expend about $150,000 for bldgs. in Pomona within the next 3 months. They will include an office bldg. on E Garey St., a $75,000 substation at W Second and Parcells Sts., and a $35,000 store rm. and garage near the same point. C. E. Houston, dist. manager, Pomona.

GLENDALE, L. A. Co., Cal.—Archt. Alfred F. Priest, 719 Fay Bldg., L. A., is taking bids on structural steel work and terra cotta for the 6-story class A hand and office bldg. to be erected at Glendale for the Security Tr. & Sav. Bank. Plans for the general and other contrs. will be completed and bids taken in about a week.

LOS ANGELES, Los Angeles Co., Cal.—Architects Curlett & Beelman, 408 Union Bank Bldg., have completed plans and are taking bids for erecting two Class A mercantile buildings at 9th and Los Angeles Sts. for the Cooper Dry Goods Co. The main building will be 11-story, mezzanine and basement, 150x160 ft.; the shipping building will be 1sto. and basement, 100x100 ft., and is designed for an 11-sto. structure. Reinforced concrete constr., flat slab system, cem. plaster exterior finish, trra cotta entranc, marble and tile work, stel sash, plate glass, passenger and 2 freight elevators, sprinkling system. Bids are being taken on general contract and separately on plumbing, heating, wiring, elevators and spiral chutes.

LOS ANGELES, Los Angeles Co., Cal.—C. B. Weaver Constr. Co., Wright & Callender Bldg., has the contr. on a prcentage basis to erect a Class A addition to the Broadway Dept. Store bldg. on 4th St., betw. Broadway and Hill Sts. John Parkinson and Donald B. Parkinson, 420 Title Insurance Bldfl., are the architects. The addition will be 11-stor., mezzanine sto., basement and sub-basement; steel frame and brick constr., terra cotta racing, reinforced concrete floors, plate glass, 8 passenger elevators, truck elevators, etc. The contract for furnishing and erecting the structural steel has been awarded to the Llewellyn Iron Works.

WEST HOLLYWOOD, Los Angeles Co., Cal.—Archt. Joseph Weston, 515 Hollywood Security Bldg., Cahuengo Ave. and Hollywood Blvd., has been commissioned to prepare plans for the new two-story West Hollywood branch bank and office building to be erected at Stanley Ave. and Sunset Blvd. for the Security Trust & Savings Bank. Class C construction, 62x85 feet, brick walls, steel columns and girders, terra cotta facing, granite bases, ornam. iron entrance.

ANAHEIM, Orange Co., Cal.—Archt. M. Engene Durfee, 5 Casou Bldg., is preparing plans for an office building to be erected at NE corner of Center and Claudina Sts. for S. B. Kramer. The size and details of the building have not been determined.

SACRAMENTO, Cal.—Chas. Leroy, n member of the firm of Bell and Leroy, realtors, 908 7th St., Sacramento, is associated with others planning to erect a seven-story fireproof office building in 7th St., bet. I and J Sts., est. cost $250,000. Preliminary plans for the structure to contain 60 offices, have already been made. Further details are withheld for the present.

LOS ANGELES, Cal.—C. J. Kubach Co., 701 Mer. Nat. Bank Bldg., has been awarded a cont. at $1,989,000 for all work compl. for erecting the new Chamber of Commerce bldg. to be built on 12th St., extending from Hill St. to Bdwy. John C. Austin, 1125 Detwiler Bldg., and John Parkinson, 420 Title Ins. Bldg., assoc. archts. The bldg. will be 8-story and basement, 220x222 ft., class A steel frame constr., brick filler walls, press. brick and terra cotta facing, etc.

SEATTLE, Wash. — Architect Chas. Haynes, Melhorn Bldg., taking bids for 2-story and basement reinforced concrete market to be erected at s.e. cor. Westlake Ave. and Virginia St.; est. cost $100,000. Will be leased to Farmers' Public Market Co.

LOS ANGELES, Cal.—Barrett and Hilp, 918 Harrison St., San Francisco, were low bidders at about $126,000 on the general contract for erecting a 2-story brick store and office bldg. at n. e. cor. 7th and Alvarado Sts. for the Owl Drug Co. Ward & Blohme, San Francisco, archts. It will be 172x71 ft. with a wing 63x72 ft.; and will contain 15 stores and 34 offices; brick walls; plas. exter., cast stone trim. The total cost will be about $160,000.

LOS ANGELES, Cal. — Archt. E. M. Frazier, Regent Apts., 2401 W 6th St., is preparing plans for a 10-story and basement class A dept. stors and office bldg. to be erected at s. w. cor. Hollywood and Vine St. for Roland Stern. It will be 100x150 ft. The first two sto. and basement will be occupied by a dept. store and the upper fls. will contain 280 offices; reinf. conc. constr., press brick and terra cotta facing, plate glass, hardwood trim, elevators, steam htg., etc. W. A. Heitman Constr. Co., Merritt Bldg., has the contr. at $722,700 to erect the bldg.

DINUBA, Tulare Co., Cal. — J. F. White, Dinuba, at $17,000 awarded contract by Chamber of Commerce to erect brick office building, 70x150 ft. in North L Street. Building will contain auditorium seating 300 and two stores.

(Continued on Page 18)

Official Proposals

NOTICE TO BIDDERS

(Light Fixtures, Reedley Joint Union High School District)

The Reedley Joint Union High School Board of Trustees invites sealed bids for the delivery and istallation of electric lighting fixtures and lamps for the Reedley Joint Union High School, in accordance with the architect's plans and specifications, on file in the High School offices and in the office of the new buildings.

Bids must be accompanied by samples and illustrations as indicated in the specifications, by a certified check payable to the Reedley Joint Union High School, for ten (10%) per cent of the highest amount bid, and be in the hands of the Board **by 8:00 P. M., of Monday, April 9, 1923.**

The Board retains the right to reject any or all bids, in part or in whole.

MARION DENEEN,
Clerk of the Board of Trustees, Reedley Joint Union High School, Reedley, California.

NOTICE TO CONTRACTORS

(1.22 Miles Nevada State Highway)

Sealed proposals will be received by the undersigned **until 2:00 P. M., April 18, 1923,** for constructing a portion of the State Highway System in Churchill County between the west city limits and east city limits of Fallon, work consisting of grading, construction of culverts, and placing of cement concrete pavement.

Plans may be examined and form of proposal, contract and specifications secured at office of undersigned. May also be examined at the County or City Clerk's office in Fallon, the Division Engineer's office in Las Vegas, Reno or Elko, and the District office of the Bureau of Public Roads, Mills Building, San Francisco, California.

Cash deposit of fifteen dollars ($15) with the undersigned required for copy of plans, which will be refunded on their return in good condition. Bids must be on Proposal form of Highway Department, and must be accompanied by a certified check in the amount of 5% of the bid.

Each bidder must accompany his bid with a certificate from a Surety Company, duly authorized to do business in this State, stating that such Surety Company will provide said bidder with a bond in such sum as is required in and in accordance with the provisions of said specifications, conditioned for the faithful performance of the provisions of the contract and specifications.

Right is reserved to reject any or all bids.

GEO. W. BORDEN,
State Highway Engineer,
Carson City, Nevada.

NOTICE TO CONTRACTORS

Midway School District)

The Board of Trustees will receive sealed bids until **8 p. m., April 9, 1923,** in the office of Mr. Bowman, Principal of Midway School, Fellows, Kern County, California, for furnishing of all material and labor necessary for the construction of a four classroom and auditorium building and certain alterations.

Plans and specifications for same may be had at the office of Eugene K. Martin, Architect, Arlington Building, Bakersfield, California, under whose supervision this work will be constructed. A deposit of $10 is required for each set of plans. All bids must be accompanied by a certified check in the amount of 10% of the bid, such check made payable to the Board of Trustees, Midway School, Fellows. Said check will be held as evidence of good faith that the successful bidder will enter into a satisfactory contract for this proposed work.

The board reserves the right to reject any or all bids or to waive any informality in any bid received.

By order of the Board of Trustees. Midway School District, Fellows, California.

P. E. WILLIAMS, Clerk.

A call for bids published in this section indicates that bids are desired from other than local bidders Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

NOTICE TO CONTRACTORS

(Reinforced Concrete & Timber Dikes)

Sealed Proposals, endorsed "Proposals for Reconstruction of Dike, Mare Island, Cal., Specification No. 4,776," will be received at the Bureau of Yards and Docks, Navy Department, Washington, D. C., until 11 o'clock a. m., April 25, 1923, and then and there publicly opened, for furnishing and installation in place of approximately 1,007 linear feet of reinforced concrete dike and 263 linear feet of creosoted timber dike, at the navy yard, Mare Island, Calif. All timber round piles, all creosoted timbersheet piling and all creosoted timber will be furnished by the Government. Drawings and Specification No. 4,776 may be obtained on application to the Bureau or to the commandant, Navy Yard, Mare Island, Calif. Deposit of a check or postal money order for $10, payable to the Chief of the Bureau of Yards and Docks, is required as security or the safe return of the drawings and specification. L. E. Gregory, Chief of Bureau, March 14, 1923.

NOTICE TO BIDDERS

(Pipe Fittings)

Sealed Bids or Proposals will be received by the City of Tracy, up to **8 o'clock p. m., April 12th, 1923,** for the furnishing and delivery of the following materials to-wit:

1,420 lineal feet, 6 inch Black Dipped W. I. Screw Pipe.

1 only 6 inch Black Dipped D. I. Tee, with one 4 inch Bushing.

4 only 6 inch by 6 inch by 4 inch by 4 inch Black Dipped W. I. Cross.

1 only 6 inch Gate Valve, with square shouldered nut top, (no top wheel).

1 only 6 inch by 6 inch by 4 inch Black Dipped W. I. Tee.

All bids must be based upon immediate delivery after acceptance of bid. All envelopes containing bids must be endorsed thereon "Bid for Furnishing Pipe and Fittings," and addressed to Geo. L. Frerichs, the City Clerk, Tracy, Cal.

The Board of Trustees hereby reserves the right to reject any and all bids.

Done by order of the Board of Trustees of the City of Tracy, this 24th day of March, 1923.

By GEORGE L. FRERICHS,
(Seal) Clerk of the City of Tracy.

QUANTITY SURVEYOR
and Valuation Engineer
Buildings and Engineering Works
ARTHUR PRIDDLE
693 Mission Street, at Third St.
San Francisco, Calif.
Telephone Douglas 8-4-9-3

NOTICE TO CONTRACTORS

(Modesto Junior College)

Notice is hereby given that sealed bids will be received and opened by the Board of Trustees of the Modesto Junior College District, Stanislaus County, State of California, **at 8 P. M., the 13th day of April, 1923,** in the office of the Board, Modesto High School Buildings, H St., Modesto, Calif., for the erection and completion of a Junior College building to be built in the City of Modesto, Stanislaus County, State of California, in accordance with plans and specifications made for the same by W. H. Weeks, the authorized Architect, employed by the Board.

Segregated bids will be received on the work as follows:

1. General Contract.
2. Electric work.
3. Plumbing.
4. Painting.
5. Lathing and plastering.
6. Window shades.
7. Linoleum.
8. Blackboards.
9. Heating and ventilating.

Plans and specifications may be obtained at the office of the Architect, W. H. Weeks, 369 Pine Street, San Francisco, California, or may be seen at the office of the Clerk of the Board of Trustees in the City of Modesto.

All bids should be presented on bid forms furnished by the Architect. Each bid must be accompanied by certified check on some responsible California bank in the sum of not less than Five Per Cent (5%) of the amount of the bid, made payable to Kathleen G. Prewett, Clerk of the Board of Trustees of the Modesto Junior College District, for the purposes stated in the specifications.

Each bid must be enclosed in a sealed envelope and addressed to Miss Kathleen G. Prewett, Clerk of the Board of Trustees of the Modesto Junior College District, and endorsed: "Proposals for (name segregation) for Junior College Building."

The Board reserves the right to reject any and all bids.

Bids must be delivered to the undersigned Clerk of the Board at Modesto, at the time and place above stated, or any time up to the hour of opening of said bids.

KATHLEEN G. PREWETT,
Clerk of the Board of Trustees of the Modesto Junior College District, Modesto, Stanislaus County, Calif.

NOTICE TO CONTRACTORS

(Reinforced Concrete and Timber Dikes)

Sealed Proposals, endorsed "Proposals for Reconstruction of Dike, Mare Island, Cal., Specification No. 4776," will be received at the Bureau of Yards and Docks, Navy Department, Washington, D. C., until 11 o'clock a. m., April 25, 1923, and then and there publicly opened, for furnishing and installation in place of approximately 1007 linear feet of reinforced concrete dike and 263 linear feet of creosoted timber dike, at the navy yard, Mare Island, Calif. All timber round piles, all creosoted timber sheet piling and all creosoted timber will be furnished by the Government. Drawings and Specification No. 4,776 may be obtained on application to the Bureau or to the commandant, Navy Yard, Mare Island,

Calif. Deposit of a check or postal money order for $10, payable to the Chief of the Bureau of Yards and Docks, is required as security for the safe return of the drawings and specifications. L. E. GREGORY, Chief of Bureau. March 14, 1923.

NOTICE FOR BIDS

(Pipe Fittings)

Notice is hereby given that sealed proposals will be received by the Board of Trustees of the city of Porterville, up to the hour of 7:30 p. m., on the 4th day of April, 1923, for furnishing to said city f. o. b. Porterville, the following described cast iron pipe:

40 tons of 4 inch class B, Bell & Spicket Cast Iron Pipe in 36 ft. lengths.
6 only, 4x4 inch Cast Iron Bell end Tees.
2 only 4x4x4 inch Bell end Crosses
6 only 4 inch Plugs, tapped for 2 inch standard pipe.

Delivery of said pipe to be made within sixty days from signing of contract. A certified check for ten per cent of bid must accompany proposals, which must be sealed and addressed to the City Clerk of said City Clerk of said city, marked proposals for furnishing pipe.

GEO. D. AVERY,
City Clerk.

THEATRES

(Continued from Page 16)

ASTORIA, Ore.—The Black Cat, Incorporated, has been organized at Astoria, with a capital stock of $60,000. Purpose of the company is to erect a $100,000 theatre, 50x200 feet, in the vicinity of Eighth and Commercial streets. Directors are: C. A. Smith, A. E. Bennett and G. C. Fulton, all of Astoria.

PASADENA, Los Angeles Co., Cal.—The Littleton Co., 608 E Colorado St., Pasadena, has the contr. to design and erect the new theatre on El Molino Ave. near the SW Cor. Colorado St., Pasadena, for the Community Playhouse Association. Elmer Grey, 62 Bank of Italy Bldg., Los Angeles, associate architect. Spanish archt. masonry and frame constr.

WHARVES & DOCKS

WASHINGTON, D. C.—See "Government Work and Supplies," this issue.

SAN DIEGO, Cal.—The $495,500 bond issue for improvements to municipal pier No. 2, includ. constr. of an apron wharf, transit shed, paving, drainage, trackage and equipment, carried at the recent election.

MISCELLANEOUS BUILDING CONSTRUCTION

Plans Being Figured—Bids Close April 2, 1923.
BUILDING Cost, $—
MARTINEZ, Contra Costa Co., Cal.
One-story and basement brick or concrete building.
Owner—Contra Costa Abstract & Title Co.
Architect—M. G. West Co., 115 Front St., San Francisco.
Plans are on file in the office of the Builders Exchange in Richmond and at M. G. West Co. An alternate bid will be taken for concrete and brick. Bids will be opened in the office of M. G. West.

Plans Being Figured—Cont. Awarded
GARAGE & DAIRY Cost—
SAN FRANCISCO, S McAllister 137-6 W Octavia.
One and 2-story steel and concrete garage and dairy bldg.
Owner—Ogden Mills, Mills Bldg., S. F.
Architect—John Reid Jr., 1st Natl. Bk. Bldg., San Francisco.
Lessee—Millbrae Dairy Co.
The structural steel and cast iron has been awarded to The Foundation Co., 58 Sutter St., at $23,194.

Plans Completed—Sub-Figures Being Taken.
AUTO BUS TERMINAL Cost, $25,000
SAN FRANCISCO, NE EIGHTH AND Mission Streets.
Two-story steel frame, brick and terra cotta auto bus terminal.
Owner—Marian Realty Co., 110 Sutter St., San Francisco.
Architect—D. C. Coleman, 110 Sutter St., San Francisco.

Low Bidders on Grading.
PUBLISHING BLDG. Cost, $——
SAN FRANCISCO, SW Fifth and Mission Sts., 160x275.
Three-story and basement reinforced concrete publishing building with 9 stores on first floor.
Owner—San Francisco Chronicle (M. H. De Young).
Architect — Weeks & Day, California Insurance Bldg., San Francisco.
The Carlin Grading Co., 180 Jessie St., submitted the lowest bid.
Figures will be taken on the balance of the work in about two months.

Segregated Figures To Be Taken Next Week.
LAUNDRY Cost, $40,000
SAN FRANCISCO, 14th St., bet. Mission and Howard Sts.
One-story and mezzanine floor reinforced concrete laundry bldg., 149-6 by 114-9.
Owner—Rickey & Schimferman, of the City Rough Dry Laundry, 1672 15th St., San Francisco.
Architect—Meyer & Johnson, 742 Market St., San Francisco.

SAN FRANCISCO — Perkins Trowbridge & Dougel have purchased the lot on the north side of Market street west of the Flatiron Building and are planning to erect a ten-story class A office building as soon as the present lease expires.

The Pacific Telephone & Telegraph Company have purchased property on the southwest corner of Bush and Larkin streets and will improve the property with a class A steel frame exchange building to cost approximately $300,000.

Milton Levin has purchased the n. w. corner of Clement St. and 12th Avenue and will erect a 2-story fire-proof building which has been leased to Butt Brothers, furniture dealers, and the Fourth Church of Christ Scientists for a reading room.

Adrian D. Joyce, president of the Glidden Company, Cleveland, O., has purchased the plant and property of the Natoma Rice Mills, located on Hubbel street, running from Seventh to Sixteenth. It is a four-story reinforced concrete building and is to be remodeled into a modern paint and varnish factory.

R. L. Wyrick, of the Cadillac Co-operative Dairy Lunch System, has leased the ground floor at the northeast corner of Eddy and Mason streets and plans to spend about $15,000 in fitting

Wm. and Ann Marie Eyre have purchased the northwest corner of Turk and Taylor streets and will improve the property with a substantial building.

LOS ANGELES, Cal.—C. L. Peck, H. W. Hellman Bldg., has been awarded a contr. at $43,720 for the reinf. conc. work for erecting a 4-story and basement class A nurses' home bldg. on 15th St. bet. Hope St. and Grand Ave. for the California Lutheran Hospital Assn. John J. Frauenfelder, 1116 Story Bldg., archt. The bldg. will be 50x150 ft and will contain a gymnasium, class rms. and 90 sleeping rms.; reinf. conc. constr., press. brick facing, marble and tile work, elevator, steel sash.

LONG BEACH, Cal.—J. L. Keck, head of the J. L. Keck Syndicate, backing the Seaboard Refinery Co., will construct $1,000,000 refinery here, having a daily capacity of 6000 bbls. crude oil. Keck Syndicate is one of the large drilling and producing companies of the Signal Hill, Huntington Beach and Santa Fe Springs fields.

LOS ANGELES, Cal.—Archts Walker & Eisen, 325 Pac. Finance Bldg., are preparing plans for a 5-story and basement class A Bldg. to be erected at 15th and Los Angeles St. for L. A. Rubber Stamp Co. It will be 50x150 ft., rein. conc. constr., plas. exter., steel sash, elevator, etc. The bldg. is designed for an 8-story structure.

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BRIDGES

REDWOOD CITY, San Mateo Co., Cal. Harrington, Howard and Ash, engineers and bridge builders, Kansas City, Mo., granted franchise by San Mateo county supervisors to construct $2,000,000 bridge over San Francisco Bay Just north of S. P. railroad bridge at Dumbarton. Structure will be 5600 ft. long, 28 ft. wide and will have 2-mi. approach.

REDWOOD CITY, San Mateo Co., Cal. —Until April 16, 10 a. m., bids will be rec. by Eliz. M. Nash, county clerk, to const. rein. conc. culvert over Mocha creek on rd. near Leslie Salt Works in 2nd Rd. Dist. Cedt. check 10% payable to county req. Plans on file in office of clerk. Geo. A. Kneese, county surv.

CHEHALIS, Wash.—Until April 17, 2 p. m., bids will be rec. by J. W. Boone, county auditor, to const. 220 ft. ft steel bridge with conc. piers and timber approaches on Y. H. Pearson & Claquato to Levi Gates D. L. C. road. Cert. check 10% payable to Treasurer of Lewis county req. Roy L. Greene, county engineer.

PASADENA, Cal.—City directors will submit on April 5, a proposal to bond for $225,000 for improvements, incl. $100,000 to const. bridge across Arroyo Seco to replace the Linda Vista bridge. A portion of the remainder would be used for the development of the Arroyo as a public park.

EUREKA, Humboldt Co., Cal.—Until April 10, 2 p. m., bids will be rec. by Fred M. Kay, county clerk, to const. conc. box culvert on McCready's Gulch near Freshwater and a conc. girder bridge across Wood's Slough ,Rd. Dist. 4. Cert. check 10% req. with each b.d. Plans obtainable from A. J. Logan, county surv.

YUMA, Ariz.—W. W. Wilson, supt. of Tucson div., So. Pac. Ry., states that work will start on new bridge over Colorado river soon as engrs. have decided that the site tentatively selected is suitable. About $6,000,000 will be expended on the bridge and a depot at Yuma. The bridge will cost several million dollars.

DREDGING, HARBOR WORKS AND EXCAVATIONS

SUTTER COUNTY, California—W. E. Callahan Co., Dallas, Texas, at approx. $1,000,000 awarded cont. by State Reclamation Board to const. 13 miles of levee in Reclamation District No. 1660, comprising approx. 14,000 acres. In addition to the levee improvements the district will complete its Sacramento river levees and install an irrigation and drainage system, bringing the total cost to $1,250,000. Proposed to finance work through a bond issue extending over 20 years.

SANTA BARBARA, Cal.—An item of $350,000 for the construction of an anchorage harbor is included in the municipal bond election ordered by the city council.

SACRAMENTO, Cal. — Senate Committee on Commerce approve bills appropriating $900,000 to improve navigation of Sacramento, San Joaquin and Feather rivers by controlling floods andremoving debris, the appropriations to be made when the Federal Government sets aside a like sum. The money will be expended under the direction of the Calif. Debris Commission.

WASHINGTON, D. C.—See "Government Work and Supplies," this issue. Mare Island Dikes.

LONG BEACH, Cal. — City Council adopts plan submitted by City Mgr. Charles H. Windham, to dredge a navigable passage from the eastern end of the connecting channel through the turning basin, and for the entire length of harbor channel No. 3. The ocean vessel passage way will be dredged 20 ft., and 200 ft. wide at bottom. A. L. Ferver, director of public service, has estimated the cost at $60,000 or a probable charge of 13c cu. yds. for dredging. Several smaller dredging jobs estimated to cost 25c cu. yd. have been presented by the city mgr.

LOS ANGELES, Cal.—J. A. Hill, 1380 Shatto St., Los Angeles, awarded cont. by Bd. Pub. Wks. at $23,000 for excav complete and $300 for wooden guard rail in connection with grading Fifth St., bet. Grand Ave. and west line of Normal Hill Center.

IRRIGATION PROJECTS

WINNEMUCCA, Nevada.—State Senator Jerry Sheehan, capitalist & banker of Winnemucca, backs movement for reclamation of 25,000 acres of land in Grass Valley area, directly s. w. of Winnemucca. It is planned to store 300,000 ac. ft. of water through a series of dams.

CENTRALIA, Wash.—Until April 7, 12 M. bids will be rec. by Guy Smith, secy. Dyking and Drainage District No. 1 of Lewis and Thurston counties, to const. drainage system. Plans obtainable from Benedict and Rogers, 110 North Tower St., Centralia, on deposit of $10, returnable.

SUTTER COUNTY, California — See "Dredging, Harbor Works and Excavations," this issue.

SACRAMENTO, Cal.—Assembly Committee of Calif. Legislature on drainage, swamp and overflowed lands, recommends a "do pass" on a bill carrying a continuing appropriation of $1,000,000 for the purpose of carrying out the provisions of the San Joaquin and Sacramento drainage district act of 1911 for work on the Sacramento river project No. 2. The act would make $10,000 available immediately, and $300,000 for the next fiscal and of the succeeding year, and $390,000 the third year.

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LIGHTING SYSTEMS

ARROYO GRANDE, S. L. O. Co., Cal. —City trustees plans installation of electrolier system. Information on various installations is desired.

CORNING, Tehama Co., Cal.—Pacific Gas and Electric Co., 445 Sutter St., San Francisco, has appropriated $53,597 to improve system, a portion of which will finance installation of new street lighting standards. H. B. Heryford, manager of district, with headquarters at Red Bluff.

FRESNO, Fresno Co., Cal.—City council, R. Y. St. George, clerk, declares intention to install 99 electroliers with conduits and appurtenances in portions of Van Ness Blvd., Monroa Ave., Lucerne Lane, Wishon, Weldon, Normal and University Aves., and Peralta way. Standards to be of a combination of c. i. and steel, single globe; set on cem. conc. foundations, 2-ft. sq. and 2-ft. deep; conduits to be galv. metal tubing, containing wire conductors. 1911 Act. Protests April 12. Wm. Stranahan, city eng.

LOS ANGELES, Cal.—Council orders installation under 1911 Act o flighting systems in Western Ave., bet. Hollywood Blvd. and Lexington Ave, and Sixteenth St., bet. Figueroa St. and 40 ft. west of Hoover St.

CHANDLER, Ariz.—A bond issue of $40,000 for a lighting system will be voted on by city shortly.

TAFT, Kern Co., Cal.—City trustees, H. G. Arndt, clerk, declare intention to install ornam. lighting posts and appliances in portions of North, 4th and 5th Sts. Protests will be heard April 16. Ed. M. Lynch, city eng.

LONG BEACH, Cal.—Until 9:30 p. m., April 3, bids will be rec. by council to const. lighting system complete in Anaheim St., bet. Temple Ave. and Loma Ave.; 1911 Act. H. C. Waughop, city clk.

LOS ANGELES, Cal.—C. W. Sparks, 433 San Fernando Bldg., submitted low bid to Bd. Pub. Wks. at $10,587 to install ornam. lights on 14th St., bet. 30 ft. west of Beacon St. and Pacific Ave., San Pedro. Other bids were: A. C. Rice, $10,590; Osborn Electric Co., $10,639; H. H. Walker, $10,646; So. Cal. Electric Co., $11,111.

Osborn Electric Co., Turlock, submitted low bid at $11,234 to install ornam. light. system in Pacific Ave., bet. Oliver St. and Third St., San Pedro. Other bids were: C. W. Sparks, $11,298; H. H. Walker, $11,306; A. C. Rice, $11,486; So. Cal. Electric Co., $11,999.

A. C. Rice, 1963 Santes St., submitted low bid at $9600 to install ornam. light. system in Sunset Blvd., bet. Vista St. and Stanley Ave. Other bids were Newbery Electric Corp., $9625; So. Cal Elec. Co., $9888; C. W. Sparks, $10,231.

LONG BEACH, Cal.—Until 9:30 a. m., April 3, bids will be rec. by council to const. ornam. light system complete on Pine Ave., bet. Ocean Blvd. and 14th St. south; 1911 Act. H. C. Waughop, city clerk.

MACHINERY & EQUIPMENT

LOS ANGELES, Cal.—Until 10 a. m., April 9, bids will be rec. by Bd. Pub. Wks. for fur. 2 asph. heaters. Spec. on file at office of city engr., 405 S. city hall annex. Cert. check or bond 10%.

SEATTLE, Wash.—See "Government Works and Supplies," this issue. Steam hammer.

PASADENA, Cal.—Smith-Booth-Usher Co., L. A., awarded the contract at $4830 for fur. blower equipment for the municipal sewage plant. The Ingersoll-Rand Co. awarded contract at $57,700 for furnishing condenser equipment for the city lighting dept.

RAILROADS

SISKIYOU COUNTY, Cal.—See "Power Plants," this issue.

SAN FRANCISCO — Union Pacific system, Monadnock Bldg., San Francisco, authorized by Interstate Commerce Commission to const. 33 mi. branch line from Lund to Cedar City, Utah. Lund is situated on the Salt Lake and Los Angeles line, which was acquired by the U. P. Construction of this line is part of the company $5,00,000 program to develop Zion Natl. Park, Bryce Canyon and Kaibab Forest.

TUCSON, Ariz.—According to H. B. Titcomb, pres. of the Southern Pacific Cy. of Mexico, grading on the new section of road bet. Tepic and La Quenmada, will start within two weeks. This portion of the railroad will close the only gap bet. Tucson and the City of Mexico. This section will be about 100 miles.

BAKERSFIELD, Kern Co., Cal. — J. H. Dyer, general manager of Pacific Division of Southern Pacific Co., on visit to Bakersfield, announced company will commence construction shortly on 11-mi. unit of second track bet. Mojave and Cameron.

TUCSON, Ariz.—George B. West, one of the men interested, states that a new rail line from Farmington to connect with the Santa Fe Ry. at Gallup, N. M., will be constructed by a group of men, including Harry Chandler, E. P. Clark, M. H. Sherman, Los Angeles, and others, who are financially interested in the San Juan basin land.

OREGON—Central Pacific Rlwy Co. applies to Interstate Commerce Commission for permit to const new line of road bet. Kirk, Ore. and Oakridge, Ore., a distance of 118 miles to be known as the Natron cut-off.

FIRE EQUIPMENT

REDWOOD CITY, San Mateo Co., Cal. —Ralphs-Pugh Co., 532 Howard St., San Francisco, awarded cont. by city trustees to fur. 500 ft. 2½-in. "Admiral" hose at $.90 ft. and 500 ft. 1½-in. "Admiral" hose for $.50 ft.

MADERA, Madera Co., Cal. — City trustees considering offer of American-La France Co., to furnish 750-gal. per min. hose and pump truck for $12,500.

MISCELLANEOUS SUPPLIES

SANTA BARBARA, Santa Barbara Co., Cal.—Until March 28, 5 p. m., bids will be rec. by Fred L. Johnston, city manager, for fur. city with fire hydrants. Cert. chk 10% payable to Mayor req. Spec. obtainable from city mgr.

See "Government Works & Supplies," this issue.

MERCED, Merced Co., Cal.—Purchasing Agent, Merced Irrigation District, desires bids on fur. 75,000 ft. r.w. lumber.

SEATTLE, Wash.—Until April 6, 10 A. M., bids will be rec. by Wm. D. Freeman, City Purchasing Agent, for fur. 76,000 lbs. Magnet iron and copper wire; 10,000 steel washers and 5,000 galv. pole steps for use of Lighting Dept.

RESERVOIRS AND DAMS

SANTA CRUZ, Santa Cruz Co., Cal.—See "Water Works" this issue.

SISKIYOU COUNTY, Cal.—See "Power Plants," this issue.

CISCO, Placer Co., Cal.—Pacific Gas and Electric Co., 445 Sutter St., San Francisco, will commence work shortly to raise old Lake Fordyce dam., near Cisco. Will cost approx. $1,500,000 and will add 25,000,000 kilowatt hours to output of South Yuba water power system. Dam will be raised 47 ft. increasing storage capacity from 20,000 to 47,000 ac. ft., supplying the drumm powerhouse, below the Spaulding dam. Construction will be carried on under the superintendence of James Martin.

SEATTLE, Wash.—T. M. Morgan, Everett, at $150,725 submits low bid to council to const. 20,000,000-gal. reservoir for water works system. Continental Wood StakePipe Co. low bidder for pipe at $22,188. American Pipe Co. bid $22,648 for wood stave pipe and Western Pipe & Steel Co., $119,483 with alt. bid of $87,750. Taken under advisement.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Further information regarding these opportunities may be had from Domestic and Foreign Trade Bureau, Chamber of Commerce, Merchants Exchange Bldg., by referring to index number:

6863 — Vancouver, Canada. Broker is desirous of representing San Francisco importer of Singapore products in the Canadian market.

6868—San Francisco, Calif. — Gentleman who is leaving for Europe early in April wishes to represent American firms interested in that market. Speaks several languages.

6870—Cincinnati, O. Gentleman with working knowledge of the Spanish language desires employment in import-export house dealing with Latin America. High school education and sales experience.

6880 — Livorno, Italy. Manufacturer of artistic porcelain, mosaics, glass work, etc., wishes to sell these articles in this market.

6881 — Hamburg, Germany. Exporter of toys, cutlery, hradware, etc., desires to enter into business relations with firms in this city.

6883 — New Bedford, Mass. Import-export firm is desirous of acting as agents for reliable firms in San Francisco.

6884 — Sydney, Australia. Art firm wishes to buy portrait frames from local manufacturers.

D-495—New York, N. Y. Concern desires to get in touch with San Francisco surety concerns desiring to enter the field in the city of New York.

CD-57 — New York, N. Y. Business executive with $12,000 to $15,000 to invest, desires propositions from San Francisco concerns wherein his services could be utilized along wit han investment.

CD-59—Regina, Sask., Canada. Gentleman desires to have openings submitted in the selling line, from salesman on the road to manager, from San Francisco mercantile houses. Has reasonable amount of capital to invest.

PIPE LINES, WELLS, ETC.

LOS ANGELES, Cal.—Special committee named by board of public works to investigate pipe most suitable for the new sewer outfall, has disclosed their findings to the city council in which they state that pre-cast reinf. conc. pipe has been selected as cheapest and most durable. The use of this type, it is said, will save approx. $250,000. The committee asks council to rescind the resolution which was adopted recently authorizing the board to advertise for bids on cast iron pipe.

PORTERVILLE, Tulare Co., Cal. — Until April 4, 7:30 p. m., bids will be rec. by Geo. D. Avery, city clerk, for fur. f. o. b. Porterville: 40 tons 4-in class B, Bell and Spigot, c .i. pipe in 16-ft. lengths; 6 4x4-in. c. i. bell end tees; 2 4x4x4-in. bell end crosses and 6 4-in. plugs, tapped for 2-in. stand. pipe. Delivery 60 days after award of contract. **See call for bids under official proposal section in this issue.**

FULLERTON, Cal. — United States Cast Iron Pipe & Fdy. Co., awarded cont. by city trustees for c. i. pipe as follows: 66.5 ft. 4-in. universal pipe in 6 ft. lengths; $1.37 ft. 8-in. same; W. C. Record, city eng. Other bids were Central Foundry Co., 66c 4-in. and $1.39 8-in.; deLavaud, $1.25 on 8-in. pipe, .385-in. thick.

TRACY, San Joaquin Co., Cal.—Until April 12, 8 p. m., bids will be rec. by Geo. L. Frerichs, city clerk, for fur. 1420 lin. ft. 6-in. black dipped w. i. screw pipe; 1 6-in. black dipped w. i. tee, with 1 4-in. bushing; 4 6x6x4-in. black dipped w. i. cross; 1 6-in. gate valve with sq. shouldered nut top; 1 6x6x4-in. black dipped w. i. tee. **See call for bids under officia lporposal section in this issue.**

LOS ANGELES, Cal.—See "Streets & Sewers," this issue.

SANTA CRUZ, Santa Cruz Co., Cal.—See "Water Works," this issue.

SEATTLE, Wash. — See "Streets and Sewers," this issue.

SANTA ANA, Cal.—City Council has directed clerk to advertise for bids on 1000 tons cast iron sewer pipe. This will be purchased under the $150,000 sewer expansion bond issue to be voted on March 29. Possible rise in prices and delayed delivery were given as reason for call being issued before election.

See "Government Work & Supplies," this issue.

CUTLER, Tulare Co., Cal.—See "Water Works," this issue. Cutler Public Utility District.

LONG BEACH, Cal.—Until 10 a. m., April 4, bids will be rec. by City Mgr. C. H. Windham, for fur. 5001 ft. 30-in. reinf. conc. water pipe. Spec. C-26 .Cert. check or bond 10%.

PLACERVILLE, El Dorado Co., Cal. —Sacramento Pipe Works, R and 7th Sts., Sacramento, at $2975 awarded cont. by city trustees to fur. 8-in. 12 and 14 gauge double riveted and dipped sheet steel slip joint pipe, etc.

SEWAGE DISPOSAL PLANTS

DALLAS, Ore.—City will vote bonds of $10,000 April 3 to finance const. of additional septic tank.

PASADENA, Cal.—See "Machinery and Equipment," this issue.

MISCELLANEOUS CONSTRUCTION

SOUTH PASADENA, Cal.—Ordinance authorizing sale of Fremont Ave tunnel bonds will become effective March 26, and bids for the const. of tunnel can be called immediately after that date. The legislature has passed an act enabling the city to overcome certain prohibitive statutes.

TAFT, Kern Co., Cal.—Moron Boiler Wks., has the cont. to const. gas tight roof on a 55,000 bbl. tank at Taft for the Pacific Oil Co. James Wiggins has charge of the work.

DOUGLAS, Ariz.—A. G. McGregor, engr. of the Calumet and Arizona Smelter, has received plans for enlargement of the plant. A crew of twenty men are at work on excavation; est. cost $1,000,000.

SISKIYOU COUNTY, Cal.—See "Power Plants," this issue.

SAN LEANDRO, Alameda Co., Cal.—Oakland Speedway, Inc., capitalized at $250,000, has been organized for the purpose of building a speedway betw. San Leandro and Hayward. J. Francis O'Connor is a director and has subscribed $35,000. Other interested include Jack Prince, speedway builder, and Fred M. Johnson, lumber merchant. It is proposed to have the track ready for Labor Day. It will be 1½ miles long.

SAN JOSE, Santa Clara Co., Cal.—Supervisors will be petitioned to const. tunnel under The Alameda to permit pupils of Hester school to cross street in safety. Henry A. Pfister, county clk.

WATER WORKS

SANTA CRUZ, Santa Cruz Co., Cal.—The report of the sub-committee on municipal water supply, C. D. Hinkle, chairman, has been filed with the Citizen's Advisory Committee, appointed by Mayor Kratbenstein, with the following recommendatfons:

(a) Immediate acqulsition of flood water rights in Cave Gulch water shed; construction of pipe line to convey water from this source to Cowell storage reservoir when proposed new pipe line to Majors and Laguna creeks is completed.

(b) Const. of 24-in. conc. pipe (with metal pipe siphons at canyon crossings) from proposed Rulofson reservoir to Majors and Laguna creeks pipe line.

(c) Const. of 24-in. supply line in Branciforte canyon.

(above improvements will increase daily supply from 2,500,000 to 3,500,000 gals.) Following storage units are recommended:

(a) Rulofson reservoir, for storage and distributing purposes, 14,000,000 gals. capacity. (b) Park Way Reservoir combined storage and distributing reservoir, 40,000,000 gals. capacity, in Park Way Gulch in Laveaga park. Completion of these units with present Cowell Reservoir will increase daily supply to approx. 4,200,000 gals. Total estimated cost of above recommended improvements approximately $400,000. Provision is also made in the report for future extensions. Jas. K. James, city engineer.

CUTLER, Tulare Co., Cal. — Cutler Public Utility District votes bonds of $27,000 to finance construction of water system. Will sink well, erect water tank and install mains, the new system replacing three small pumping systems, privately owned, and a number of individual wells.

DALLAS, Ore.—City will vote bonds of $15,000 April 3 to finance water mains extensions in industrial section.

CHANDLER, Ariz.—An item of $50,000 for a water system is included in the proposed $145,000 municipal improvement bond election.

LAKEPORT, Lake Co., Cal.—Economy Pumping Machinery Co., Monadnock Bldg., San Francisco, at $316.25 awarded cont. by city trustees to fur. and install one suction pump and motor for water works.

A. H. Simpson Co., at $264.84 awarded cont. to fur. 1 7 h. p. Witte stationery engine with Bosch magneto; one 12x6 friction clutch pulley; 40x6-6 ply rubber and one package of N. alligator lacing.

MADERA, Madera Co., Cal.—D. Stephenson, Madera, at $1399 awarded cont. by city trustees to fur. and install one 5-in. 2 stage centrifugal pump to pump against 160-ft. total head, direct connected with a 440-volt 1200 R.P.M. motor. Byron-Jackson Iron Wks. Visalia, only other bidder at $1619.50.

NAPA, Napa Co., Cal. — Remaining $300,000 worth of Milliken Creek water project bonds sold by city council for premium of $19,641 .

MAYFIELD, Santa Clara Co., Cal. — Bonds of $42,500 voted to finance extensions to water system.

SAN JACINTO, Cal.—Until 7:30 p. m., April 3, bids will be rec. by city trustees for one 40 h. p. motor and one deep-well turbine pump. George Grover, city clerk.

SAN DIEGO, Cal.—The $325,000 bond issue for laying c. i. water mains and for the constr. of a 1,200,000 gal. steel stand pipe near the University Hts. reservoir, carried at the recent bond election.

SAN FRANCISCO—Hugh Mc Gill, 763 San Bruno Ave., at $15,771, awarded contract by Board Public Works to install high pressure fire mains in portions of Beach, Leavenworth, Jones and Jefferson St. City will furnish greater portion of materials.

SPOKANE, Wash. — Until April 5, bids will be rec. by City Purchasing Agent, for fur. 1450 c. i. water service boxes, Buffalo type, capable of extension from 4 ft. to 5 ft. 6 in.

KELSO, Wash.—See "Sewers and Street Work" this issue.

PLAYGROUNDS & PARKS

FRESNO, Fresno Co., Cal.—City commission will ask bids immediately to construct tennis court in Roeding Park; est. cost $3000. R. Y. St. George, is the clerk.

SEWERS AND STREET WORK

SANTA ANA, Cal.—Until 2 p. m., Apr. 10, bids will be rec. by supervisors to const. pavement on Ritchfield Rd., under R. D. I. No. 19, involv. 5-in. asph. conc. pavement on 4-in. gravel base, 20 ft. wide. Plans and spec. from J. L. McBride, county rd. comm., upon deposit of $5. Cert. chk. or bond 10%. J. M. Backs, clerk.

MADERA, Madera Co., Cal.—City Engineer A. M. Acton completes spec. to imp. portions of Sixth and B Sts., involv. 107,136 sq. ft. grading; 99,391 sq. ft. 1½-in. Bithulithic surface on 2½-in. bituminous base pavement; 6766 sq. ft.i 6-in. thick conc. gutter; 889 lin. ft. conc. curb; 600 lin. ft. corru. iron arch 27-in. culvert set on conc; 42 lin. ft. full circle 8-in. corru. pipe; 2 catchbasins; 2 drain gates; 2 headwalls for drain pipe.

GLENDALE, Cal.—W. J. Curren, 379 W Patterson St., Glendale, awarded contr. by council at $6198 to pave Fernando Ct., and a portion of San Fernando Rd., involv. 26,937 sq. ft. 5-in. macad., and other items.

PITTSBURG, Contra Costa Co., Cal.—City trustees will pave 12 blocks of streets in down town section; est. cost $50,000. Plans are being completed.

SACRAMENTO, Cal.—City council, R. Y. St. George, declares intention to imp. following streets:

19th St., bet. H and R Sts., except intersections of E, G, H, I, J, K, L, M, N, O, P and Q Sts.; const. conc. curb and gutter; c. i. gutter drains with 6-in. vit. manhole connections; 8-in. vit. manhole to sewer connections; const. conc. manholes with c. i. covers; reconst. manholes; grade; crushed rock fill below subgrade; 2-in. asph. conc. pavement.

14th St., bet. P & Q Sts.: const. conc. curb and gutter; c. i. gutter drains with 6-in. vit. manhole connections; reconst. manhole; crushed rock fill below subgrade; 2-in. asph. conc. pavement.

Sacramento Blvd., bet. 8th Ave. and pt. 22 ft. s. 14th Ave.; const. conc. curbs, gutters; c. i. gutter drains with 6-in. vit. sewer connections; const. 8-in. vit. sewer, install water services; const. and reconst. conc. manholes; const. 6-in. vit. sewer services to property line; grade; 5½-in. asph. conc. pavement.

32nd St., bet. V and 9th, except intersections of W, Y, Sacramento Blvd., 1st, 2nd and 3rd Aves., north ½ of 4th ave., Marshall Way, 5th Ave., Donney Way, north line Montgomery Way, to s. line 6th Ave., and 8th Ave.; const. conc. curb and gutter; c. i. gutter drains with 6-in. vit. manhole connections; connect manholes with 8-in. vit. pipe; construct and reconst. conc. manholes; move gutter drains to other locations; conc. walks; remove trees; grade; 5½-in. asph. conc. pavement.

36th St., bet. Y and 5th Ave., except intersections of 1, 2 and 3rd Aves., Sacramento Blvd and 4th Ave., const. conc. curb and gutter; c. i. gutter drains with 6-in. vit. manhole connections; reconst. manholes; conc. walks; grade; 5½-in. asph. conc. pavement.

1915 Bond Act and 1911 Act. Protests April 12. Albert Givan, city eng.

GLENDALE, Cal.—W. J. Curren, 379 W Patterson St., Glendale, submitted low bid to council at $16,840 to imp. Mountain, Western and Winchester Aves., involv. 3720 ft. grading, 3935 ft. curb, 7008 sq. ft. gutter ,5440 sq. ft. walk, 42,112 sq. ft. 5-in. macad. paving, 540 ft. 4-in. cast iron water pipe (laying only), including 12 ¾-in. galv. iron service pipes. Other bids were: E. R. Fleming, $17,576.96; Cornwell & Henderson, $17,608.92; Peter L. Ferry, $20,036.84.

POMONA, Cal.—Fleming Constr. Co., 105 N Park Ave., Pomona, submitted low bid to council at $40,482 to pave San Antonio Ave., bet. Holt and Harrison Aves., with 5-in. cem. conc. Other bids were: Thos. P. Crawford, $44,792.25 H. H. Lineau, $45,664.89; H. M. Hanawalt, $47,849; Geo. Pearson, $50,044.16; Independent Paving Co., $62,732.51.

LYNWOOD, Cal. — W. E. Hall, 500 Market St., Riverside, awarded contr. by city trustees to imp. Palm and Euclid Aves., at $12,223.09 involv. oiled macadam at 13.5c sq. ft.; curb at 55c ft.; gutter at 28c sq. ft.; walk at 17.5c sq. ft.; grading at 3c sq. ft.

W. E. Hall awarded contr. at $11,060 to imp. Josephine and other streets, involv. oiling at 13.75c sq. ft.; curb at 55c ft.; 28c gutter; 17.5c walk; 3c grading.

W. E. Hall awarded contr. at 33,096 to imp. Platt St., involv. oiling at 4c sq. ft.; curb at 55c ft.; gutter at 28c sq. ft.; walk at 17.5c sq. ft.; grading at 3c sq. ft.

W. E. Hall awarded contr. at $46,901 to imp. Alma Ave., and other sts., involv. oiling at 4c sq. ft.; macad. at 13.5c sq. ft.; curb at 55c ft.; gutter at 28c sq. ft.; walk at 17.5c sq. ft.; grading at 3c sq. ft.

SAN JOSE, Santa Clara Co., Cal.—R. H. Crummey, 121 Pearl St., Oakland, awarded contracts by council as follows:

11th St., bet. Virginia and Martha Sts.: grade; pave with 3-in. bit. conc. base with 1½-in. Warrenite-Bit. surface; conc. curbs, gutters; 1 br. catchbasin; 5-in. vit pipe drain.

7th St., bet. Reed and Martha: grade; pave with 3-in. bit. conc. base with 1½-in. Warrenite surface; conc. curbs, gutters; 4 br. catchbasins; 8-in. vit. pipe drains.

BURBANK, Cal.—Until 7:30 p. m., April 24, bids will be rec. by city trustees to imp. Providencia Ave., between 10th St. and Sunset Canyon Dr., involv. oiled macad. paving, cem. curb, 5-ft walks, and storm drain; 1911 Act. F. S. Webster, city clerk.

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EAST SAN DIEGO, Cal.—Until 8 p. m., April 5, bids will be rec by city trustees to install water mains along certain streets and alleys in accordance with res. of inten. No. 1111. Cert. chk. or bond 10%. Wilbur W. Easton, city clerk.

VISALIA, Tulare Co., Cal.—Supervisors will be petitioned to widen, eliminate curves and "generally grade" Dry Creek rd. bet. Lemon Cove and Eshom. L. A. Moye, county surv.

SALINAS, Monterey Co., Cal. — City council plans to imp. several streets with conc. or asph. conc. pavement City Eng Howard Cozzens recommends 5-in. conc. pavement with 1-in. dressing. No action taken. Plans to pave Maple St., bet. California and Main St. ordered prepared.

SAN DIEGO, Cal.—California Constr. Co., Union Bldg., San Diego, and 85 2nd St., San Francisco, submitted low bid to council to imp. A St., bet. 24th and 25th Sts., and C St., bet. 19th and 25th Sts., involv. 145,883 sq. ft. asph. paving on bitum. base at 17.9c sq. ft.; 352 sq. ft. surfacing existing gutters at 6c ft.; 2223.08 ft. curb at 75c ft.; 371 sq. ft. conc. walk at 22c ft.; three 4-in. cem. conc. sewer laterals at $35 each; steel frames and grates, $40; 15-in. corru. iron pipe culvert 12-ft. long, $50 554.76 sq. ft. reconstruction of cem. concr. walk at 25c ft.

Griffith Co., 25 14th St., submitted low bid to imp. A St., bet. 4th and Kettner Blvd. and a portion of 2nd St. involv. 119,764 sq. ft. 2-in. asph. paving on 4-in. conc. base with 1-in. paint binder at 27c ft.; 550.9 ft. curb at 68c ft; 2264.8 sq. ft. walk at 23c ft.; additions to cem conc. culvert, $100.

PASADENA, Cal. — City Eng. W. C. Earle preparing plans for laying more than 20 miles sewer pipe in the northwest section of the city and in Linda Vista during the summer. The section will include all the property north of Mountain St. and east of Glen Ave., extending to the north city limits. The outfall which will reach to Brookside Park will be 24-in. dia. pipe. Plans are being prepared but no estimate has been made.

SANTA CRUZ, Santa Cruz Co., Cal.—City Council, S. A. Evans, Clerk, declares intention to const. 6-in. vit. sewer in portion of Alta Ave., 4 br. manholes with c. i. tops; 54 wye branches. 1911 Act. Protests April 10. Jas. K. James, city eng.

REDWOOD CITY, San Mateo Co., Cal. —T. E. Clinch, 668 9th St., Richmond, at $2593 submits low bid to supervisors to const. 8-in. outfall sewer for county hospital. Other bids: Oakland Sewer Const. Co., Oakland, $2270.12; Schultz Constr. Co., S. F., $3462.95; John Garden, Oakland, $2950.48; Martin Murphy, S. F., $3635.87; T. M. Gallagher, S. F., $5063.90.

STOCKTON, San Joaquin Co., Cal.—Until April 10, 10:30 a. m., bids will be rec by A. J. Banks, city clerk, for imp. east ½ of Court St., bet. Fair Oaks and Taylor Sts Cert. check 10% payable to city clerk req. Plans obtainable from clerk.

OLYMPIA, Wash.—Until April 17, 10 a. m., bids will be rec. by State Highway Commission, for following projects:

Grading, draining and paving with conc. 4.78 mi. of Pacific highway bet Neals and Toledo, Lewis county.

Grading, draining and paving with conc. 3.07 mi. of Sunset highway from Wenatchee bridge north.

Grading, draining and surfacing with crushed rock 1.44 mi. of Inland Empire highway from Pomeroy west, Garfield county.

Clearing, grading, draining and surfacing with crushed rock 6.9 mi. of the Inland Empire highway bet Colville and Meyers Falls, Stevens county.

GRASS VALLEY, Nevada Co., Cal.—City trustee will call election to vote bonds of $100,000 to finance street paving.

SAN DIEGO, Cal.—G. R. Daley, 4430 Boundary St., San Diego, awarded cont. by council at $9,661.54 to pave Silverado St., Ivanhoe Ave. and Torrey Rd.

SAN DIEGO, Cal.—Until 10:30 a. m., Apr. 9, bids will be rec. by council to imp. 18th St., bet. Broadway and Imperial Ave., involv. 169,759.4 sq. ft. paving with 1"-in. asph. conc. wearing surface on 2½-in. bitum. base; 9 6-in. cem. sewer laterals; 7 4-in. cem. sewer laterals; 140 lin. ft. gutter to be removed.

SACRAMENTO, Cal. — City Commission, H. G. Denton, clerk, declares intention to improve following sts. under 1915 Bond Act and 1911 Act; protests to be heard April 15; Albert Givan, city engineer:

12th St., bet. O & R Sts: Const. conc. curb and gutter; c. i. gutter drains with 6-in. vit. manhole connections; conc. manholes with c. i. curb and cover with 8-in. sewer connections; reconst. manholes and catchbasins; grade 2-in. asph. conc. pavement.

13th St., bet. P & R Sts., const. conc. curb and gutter; reset c. i. gutter drains with 6-in. vit. sewer connections; grade; 2-in. asph. pavement.

11th St., bet. Q & R Sts.; const. conc. curb and gutter; c. i. gutter drains with 6-in. sewer connections; conc. manhole with c. i. curb and cover with 8-in. vit. sewer connections; reconst. catchbasins and manholes; grade and fill to subgrade with crushed rock and const. on finished sub-grade 2-in. asph. conc. pavement.

Alley bet. Front and 2nd, K and L Sts., reconst. catchbasins, manholes and cesspool; placing c. i. street drains with 6-in. vit. sewer connections; grade; pave for distance of 80 ft. with basalt block on conc. base and sand cushion and central 180 ft. with 5½-in. hyd. conc. pavement.

SANTA ROSA, Sonoma Co., Cal.—Warren Construction Co., Bacon Bldg., Oakland, at approx. $55,000 submits only bid to council to improve sts. as follows:

At $19,820—Benton St., bet. North and Mendocino Ave.; excav. or fill to grade; re-shape present macad. base and pave with 2½-in. bit. conc. base with 1½-in. Warrenite-Bit. surface; const. comb. conc. curbs and gutters.

At $14,820—North St., bet. 4th and 14th St.; excav. or fill to grade; re-shape present macadam base and by paving with 2½-in. bit. conc. base and 1"-in. Warrenite-Bit. surface; const. comb. curb and gutter.

At $9400—5th St., bet. D and North Sts., grading; re-shape present macadam base and pave with 3-in. Warrenite Bit. laid in 1-course.

At $7640—Washington St., bet. 5th and 9th Sts., grading; re-shape present macadam base and pave with 3-inch Warrenite-Bit. surface in 1-course.

At $2985—8th St., bet. B and A Sts., excav. or fill to grade; re-shape present macad. base and pave with 3-in. Warrenite-Bit. laid in 1-course; const. comb. conc. curbs and gutters.

L. L. Mills, city engineer.

YUBA CITY, Sutter Co., Cal.—C. W. Deterding, courthouse, Sacramento, engineer for the Sacramento-Sutter county Joint Highway Commission, estimates cost of const. 27 mi. of highway, closing gap in Harden highway bet. Sacramento and Yuba City, at $604,206.55, of this amount state will appropriate $100,701.59, private owners in district $151,052.38 and each county, $176,227.79.

SAN JOSE, Santa Clara Co., Cal.—City council, J. J. Lynch, clerk, declares inten. to imp. 16th St., bet. Empire and Jackson Sts.: grade; pave with 3-in. Durlite asph conc. base with 1½-in. Durlite asph. conc. surface; conc. curbs and gutters; 1 br. catchbasin; 8-in. vit. manhole connections. 1911 Act and Bond Act 1915. Protests April 23. Wm. Popp, city eng.

SAN ANSELMO, Marin Co., Cal.—Town trustees, A. W. Studley, clerk, declare inten. to imp. portions of Sequoia Dr., const. conc. curb and gutter; rein conc. retaining wall and iron pipe rail; conc valleys and catchbasins with c. i. frames and gratings and vit. pipe outlets, conc pipe culvert; grade and pave with asphaltic macadam of various thicknesses. 1911 and 1915 Bond Act. Protests April 2. J. J. Jessup, city eng.

CHANDLER, Ariz.—Included in the $145,000 municipal bond election to be held soon is an item of $55,000 for sewer construction.

LOS ANGELES, Cal.—Quantities for sewer constr. in Country Club Dr., bet. Rimpau Blvd. and Harcourt St., for which bids will be rec. April 2, are: 1150 ft. 48-in., 1301 45-in. and 240 ft. 12-in. reinf. conc. pipe; 5 manholes, 10 catch basins. Work also involves 1847 sq. ft. grading and oiling, 117 ft. curb; 280 sq. ft. walk; 296 sq. ft. gutter. Vrooman Act.

FRESNO, Fresno Co., Cal. — Until April 5, 3:30 p. m., bids will be rec. by R. Y. St. George, city clerk, to const. 6-in. vit. clay pipe sewers in West Dean Park and West Dean Park No. 2; 4 cem. conc. manholes with c. i. covers; 4-in. on 6-in. wyes for each 25-ft. frontage. 1911 Act. Cert. check 10% payable to city req. Wm. Stranahan, city eng.

HAYWARD, Alameda Co., Cal. — Town trustees, M. B. Templeton, clerk, declares inten. to imp. B St., bet. Alice St. and S. P. R.R. reservation, includ. intersections of Alice, Myrtle, Filbert, Walnut and Front Sts., grade and pave with 3½-in. asph. conc. base with 2-in. asph. wearing surface; r.r header boards; conc. curbs, gutters and valley gutters; c. i. catchbasins and corru. iron culverts. 1911 and 1915 Bond Act. Protests April 6. Jesse B. Holly, town engineer.

HERMOSA, Cal. — H. Wigman, 1905 Summit, Hermosa, awarded contr. by trustees at $29,593 to pave portion of Camino Real, unit prices: 25c lin. ft. r. w. headers, 33.5c sq. ft. 6-in. conc. paving, 30c sq. ft. 5-in. conc. paving. C. W. Sparks, bid $23,108.

EUREKA, Humboldt Co., Cal.—Bids rec. by supervisors March 20 to grade and gravel rd. from state highway near Buhne's Point to Golf Club on Humboldt Hill rejected and bids ordered readvertised. Est. cost $5000. A. J. Logan, county surv.

SAN FRANCISCO—Following contracts awarded by Board of Public Works:

Municipal Imp. Co., 112 Lyon St., at $11,926.84, to imp. Joost Ave. bet. Forester and Adna, etc., involv. 2643 cu. yds. net; 939 cu. yds. fill; 1,605 lin. ft. conc. curb; 12,050 sq. ft. conc. pavement; 8,553 sq. ft. asph. conc. pavement; 3 catchbasins; 110 lin. ft. 10-in. culvert; 8 12-in. wye branches; 110 lin. ft. 12-in. sewer; 370 sq. ft. artstone walks.

City Const. Co., Call Bldg., at $7,964.22, awarded cont. to imp. Bonview St. bet. Eugenia Ave. and pt. 450 ft. northerly involv. 1,192 cu. yds. cut; 185 cu. yds. fill; 11,700 sq. ft. conc. pavement; 1,908 sq. ft. asph. conc. pavement; 1,003 lin. ft. conc. curb; 3 catchbasins; 40 lin. ft. 10-in. culvert; 20 lin. ft. 8-in. sewer; 380 sq. ft artstone walks.

Municipal Imp. Co., 112 Lyon St., at $3,968.46, to imp. Rolph St. bet. Mission and westerly termination involv. 2,846 cu. yds. cut; 460 lin. ft. conc. curb; 5,860 sq. ft. asph. conc. pavement; 267 lin ft. conc. conform pavement; 1,800 sq. ft. art-stone walks; 1 br. catchbasin.

REDWOOD CITY, San Mateo Co., Cal. —San Mateo County supervisors will seek approval of San Francisco supervisors on revised plans for the construction of the proposed Eastside highway through San Mateo county. New plan provides for re-organization of joint highway district, formed by San Mateo and San Francisco counties several months ago, and in which legal flaws have appeared. The new plans will provide for the building of the road, to be known as the Bay Shore Blvd. to be constructed on the unit system, the first unit being from South S. F. to San Mateo.

LOS ANGELES, Cal.—Quantities for street improvement work for which bids will be rec. by Bd. Pub. Wks. April 2, are:

Marmion Way, bet. Ave. 37 & French Ave., involv. 20,209 sq. ft. grade and oil; 1181 ft. curb; 2651 sq. ft. walk; 2514 sq. ft. gutter, storm sewer complete; Vrooman Act.

54th St., bet. Van Ness and Hillcrest Aves., involv. 126 sq. ft. conc. paving; 244,321 sq. ft. Topeka paving; 3261 sq. ft. grade and oil; 4185 ft. curb; 3575 sq. ft. walk; 14,057 sq. ft. gutter; 136 ft. bse. sewers; reinf. conc. culvert; 1911 Act.

SACRAMENTO, Cal.—Until April 5, 9 p. m., bids will be rec. by G. Denton, city clerk, to imp. following sts.:

Portions of Santa Ynez and 36th St., const. conc. curbs and gutters; c. i. gutter drains with 6-in. vit. manhole connections; conc. manholes with c. i. tops; const. 8-in. vit. sewers with 4-in. wyes; 4-in. sewer services to prop. line; conc. walks; ¾-in. water main connections; grade and pave with 4-in. asph. conc. with seal coat; and portions of H St. by removing curb, gutter and walk and reconst. same to grade; const. conc. walks and reset gutter drains.

Gerber Ave., bet. T and Gerber Court, const. conc. curbs and gutters; c. i. gutter drains with 6-in. vit. manhole connections; conc. manholes with c. i. tops; 8-in. vit. manhole connections; const. 10-in. vit. sewer; ¾-in. water main connections; conc. walks; grade and pave with 4-in. asph. conc. with seal coat; and Imp. 2 rights of way by const. vit. sewers; conc. manholes and placing 6-in. vit. flusher branches.

Stockton Blvd. from Stockton Blvd. to 47th St., and 47th St., bet. 12th St. and manhole in place in alley bet. 13th and 14th Aves., by const. 4-in. vit. sewer with wyes; conc. manholes.

10th Ave., bet. 44th St. and Stockton Blvd., const. conc. curbs and gutters; c. i. gutter drains with 6-in. vit. manhole connections; reconst. manholes; extend sewer service to prop. line; ¾-in. water main connections; grade; pave with 4-in. asph. conc. with seal coat.

Alley bet. N. O. 23rd and 24th Sts., and bet. L. M. 8th and 8th Sts., const. conc. catchbasins with 6-in. vit. sewer connections; reconst. manholes; extend 6-in. sewer service to property line; 1-in. water main connections; const. conc. curtain wall, pave expansion joints; grade; pave with 5-in. hyd. conc.

All under 1911 Act. Cert. check 10% payable to city req. Albert Givan, city engineer.

SACRAMENTO, Cal.—A. Teichert & Son, Oehsner Bldg., Sacramento, awarded cont. by council to imp. alley bet. O, P, 28th and 29th Sts.; const. conc. catchbasins with c. i. covers and 6-in. vit. sewer connections; extend 6-in. vit. sewer services to prop. line; reconst. manhole; grade; pave with 5-in. hyd. concrete.

SAN DIEGO, Cal.—City votes bonds $70,000 to pave portion of Imperial and $30,000 to pave 12th St. through Balboa Park. F. A. Rhodes, city eng.

BURBANK, Cal.—Until 7:30 p. m., April 24, bids will be rec. by city clerk F. D. Webster to imp:

Providencia, Verdugo, Tujunga and Angeleno Aves., bet. 10th St. and Sunset Canyon Dr., approx. a distance on each of these streets of 1000 ft. by grade; macadam pave; const. curbs, walks.

Cedar Ave., bet. 4th and 8th Sts., approx. 2000 ft., by grade; macadam pave; const. curbs and walks. 1911 Act.

TUCSON, Ariz.—Nelson Davenport, county highway engr., states that cost of the 16 mi. Ajo-Gila Bend highway will be started as soon as arrangements can be completed. Plans for the improvement of a highway bet. Ajo and Sonoita on the border, about 40 miles will be started by the highway commission after July 1.

FRESNO, Fresno Co., Cal.—Following contracts awarded by council:

Leo Cardwell, 1841 Tulare St., Fresno, Mono St., bet. 4 and 6 and 5th St. bet. Ventura and Balch aves.: cem. conc. walks, $.205 sq. ft.; conc. curb, $.53 lin. ft.

Thompson Bros., G and Divisadero Sts., Fresno: Home Ave., bet. Lucerne and Van Ness Blvd.: grade, $.055 sq. ft.; 3½-in. asph. conc. base with 1½-in. Warenite surface pavement, $.219 sq. ft. conc. gutter, $.35 sq. ft.; conc. curb, $.65 lin. ft.; conc. walk, $.23 sq. ft.; 12-in. metal culvert, $5.50 lin. ft.; manholes $25 each; 12-in. vit. pipe, $11 lin. ft.

Thompson Bros., alley in Blk. 128: grade, $.06 sq. ft.; 6-in. Port. cem. conc. pavement, $.23 sq. ft.

Thompson Bros. Woodward Ave., bet. S Broadway and Anna: grade, $.055 sq. ft.; 4-in. asph. conc. base with 1½-in. asph. conc. top course and liquid asph. and rock screenings surface coat pavement, $.219 sq. ft.; 6-in. conc. pave. $.25 sq. ft.; conc. gutter, $.35 sq. ft.; conc. curb $.65 lin. ft.; conc. walk $.23 sq. ft.

SEATTLE, Wash. — Puget Sound Bridge and Dredging Co., Central Bldg. Seattle, submits low bid to Bd. Pub. Works to imp. 9th Ave. south, and other streets, Alt. 1, clay pipe, $496,623.17; Alt. 2, conc. pipe, $494,968.45; Alt. 3, clay pipe, $511,623.17; Alt. 4, conc. pipe, $509,968.45.

Puget Sound Bridge and Dredging Co., at $74,464 low bidder to grade city property in Golf Hts. Addition.

SOUTH PASADENA, Cal.—City trustees will ask bids shortly to imp. Oak Hill Ave., bet. Monterey Rd. and Jennie Bell Ave.; grade and pave with crushed rock and oil; const. gutter and curb; 1911 Act. Nettie A. Hewitt, clerk.

EUREKA, Humboldt Co., Cal.—Until April 10, 2 p. m., bids will be rec. by Fred M. Kay, county clerk, to regrade portion of old road and grade 1300 ft of new road leading to golf grounds on Humboldt Hill in Rd. Dist. 3. Bids rec. on this work few days ago rejected. Plans have been slightly revised. A. J. Logan, county surv.

TAFT, Kern Co., Cal.—City trustees, H. G. Arndt, clerk, declare intention to improve:

Portions of 4th and Lucard Sts.: grade; pave with 3½-in. bit. conc. base with 1½-in. Warrenite-Bit. surface; cem. curbs and walks.

Portion of North St.; grade; pave with 3½-in. bit. conc. base with 1½-in. Warrenite-Bit. surface; cem. curbs and walks. 1911 Act and Bond Act 1915. Protests April 16. Edw. M. Lynch, city eng.

BERKELEY, Alameda Co., Cal.—Until April 10, 10 a. m., bids will be rec. by E. M. Hann, city clerk, to imp. Telegraph Ave., bet. Dwight Way to Allston Way and Bancroft Way from Dana to pt. 277.23 ft. east of Telegraph Ave.; by widening, setting curb back 2 ft.; const. double strength vit. ironstone sewers; br. manholes; catchbasins with 12-in. vit. sewer connections; remove culvert; const. armored conc. curbs and gutters in portions; 1911 and 1915 Act. Cert. check 10% payable to city req. C. L. Huggins, city eng.

SAN BERNARDINO, Cal.—Until 7:30 p. m., April 2, bids will be rec. by council to pave 5th St., bet. A St. and Arrowhead Ave., with 4-in. conc.; 1911 Act. J. H. Osborn, city clerk.

GLENDALE, Cal.—Until 7:00 p. m., April 2, bids will be rec. by City Clerk Van Wie, to imp. portions of Magnolia Ave. and San Fernando Rd. Bids will also be rec. to imp. portions of Gilbert St. and Pacific Ave.

AUBURN, Placer Co., Cal.—Skeels & Hudson, 1720 Oxford St., Berkeley, at approx. $13,700 awarded cont. by town trustees to imp. Pine St., bet. Lincoln Way and E-Placer St., grade and pave with 5-in. conc.; const. 115 ft. gutter; Almond St., bet. Lincoln Way and E-Placer, grade and pave with 5-in. conc. const. curbs and gutters and 270 ft. open conc. drain trench and install 44 ft. terra cotta pipe; 1 catchbasin with c. i. cover; E-Placer, bet. High and Almond St., grade and pave with 5-in. conc.; const. curbs and gutters.

SANTA ANA, Cal.—Until 7:30 p. m., April 2, bids will be rec. to imp.:

North Parton St., bet. W First and W Fourth Sts., involv. 30,085 sq. ft. grade and pave with 5-in. cem. conc. 702.5 ft. curb.

W First St., bet. N Baker and N Artesia Sts., involv. 128,426 sq. ft. grade and pave with 6-in. conc.; 4352 ft. curb; 315 ft. 4-in. hse. sewers. 1915 Bond Act

PHOENIX, Ariz.—Until 2 p. m., April 20, bids will be rec. by dist. engr. U. S. Bureau of Public Roads, 242 Washington St., Phoenix, for imp. Canoncito-Pecos Forest highway in the Santa Fe National forest, state of New Mexico, counties of Santa Fe and San Miguel. The length of the project is 11.458 mi., and involves approx. clearing & grubbing (lump sum); 27,000 cu. yds. rock excav.; 87,000 cu. yds. common excav.; 11.458 mi. finishing; 3192 lin. ft. c. m. p. culverts; 1420 cu. yds conc. in structures; 35,138 cu. yds. crushed rock or gravel surfacing (waterbound). Plans and specifications upon deposit of $10. Check 5%. E. S. Wheeler, dist. engr.

FRESNO, Fresno Co., Cal. — Until April 5, 3:30 p. m., bids will be rec. by R. Y. St. George, city clerk, at const. cem. conc. walks in Vassar Ave., bet. Van Ness Blvd. and Wilson Ave. 1911 Act. Cert. check 10% payable to city req. Wm. Stranahan, city eng.

SANTA ANA, Cal.—Until 7:30 p. m., April 2, bids will be rec. by city trustees to const. sewer in N Artesia St., bet. W 5th and W 9th Sts., involv. 989 ft. 10-in., 8040 ft. 8-in., 4236 ft. 6-in., vit. main sewer pipe; 31 manholes and 6 flush tanks; 1915 Bond Act.

COMPTON, Cal.—W. E. Hall, 500 Market St., Riverside, awarded contrs. by city trustees to imp:

Winona and other streets at $28,010.19, involv. curb at 63c ft.; gutter at 34c sq. ft.; walk at 21c sq. ft.

Fig and other streets, at $67,857.40, involv. curb at 63c ft; gutter at 34c sq. ft.; walk at 21c sq. ft.

Geo. H. Oswald, 366 E 58th St., Los Angeles, awarded contrs. to imp:

Cedar St., at $51,169.22, involv. curb at 62c ft.; gutter at 33c sq. ft.; walk at 21c sq. ft.

Spruce St. at $70,928.50, involv. curb at 62c ft.; gutter at 33c sq. ft.; walk at 21c sq. ft.

SANTA BARBARA, Cal. — County Surv. Owen H. O'Neill instructed to prepare spec. for a permanent road division in the Santa Ynez valley. This is first step toward paving of 25 mi. of highway in this territory. The petitioners asked for 18-ft. oiled macadam roads. The proposed road will connect with the San Marcos road and run through Solvang, Janin's corner, Ballard, Los Olivos, and Zaca station. The project will amount to approx. $1,000,000. The dist. represented embraces 400,000 acres.

SANTA ANA, Cal.—Wells & Dressler, 3 Calif. Bank Bldg., Santa Ana., awarded cont. by supervisors at $51,940 to surface portions of Westminster Rd., with 6-in. and 8-in. conc., involv. 6100 cu. yds. conc; unit price $6.65. Other bids were: H. H. Peterson, $52,873; unit $7.09; Independent Paving Co., $56,161.75; unit $7.68; General Constr. Co., San Francisco, $60,023.75; unit $11.

CARSON CITY, Nevada.—Until April 18, 2 p. m., bids will be rec. by State Highway Commission to const. unit in Churchill county, bet. west city limits and east city limits of Fallon, 1.2 mi. involv. 1900 cu. yds. unclassified excav.; 22,788 yd. sta. overhaul; 1.22 mi. preparing sub-grade and shoulders; 12,890 sq. yds. cem. conc. pavement; 20 cu. yds class A conc; 124 lin. ft. 18-in. corr. metal syphon, complete in place; 18 monuments, in place; 2467 lin. ft. 12-in. conc. pipe, complete in place. State will furnish cement, f. o. b. cars. Fallon and sand and gravel in stock piles at Fallon. Geo. Borden, state highway eng. **See call for bids under official proposal section in this issue.**

SAN JOSE, Santa Clara Co., Cal.—A. J. Raisch, 16 Kearny St, San Francisco, awarded cont by council to imp. Julian St., bet. 4th and 11th Sts.; Grade; pave with 3½-in. "Durite" asph. conc. base with 2-in. "Durite" asph. conc. surface; hyd. conc. curbs, gutters; br. catchbasins; 8-in. vit. pipe drains.

MONTEREY, Monterey Co., Cal.—S. Ruthven, Monterey, only bidder, at $15,200 awarded cont. by council to imp. portions of Abrego and Pearl Sts. grade and pave with 2-in. bit. conc. surface on macadam base; conc. curbs; gravel walks; rein. conc. culverts.

STOCKTON, San Joaquin Co., Cal.—City council, A. L. Banks, clerk, declares intention to imp. portions of East Main, East Lafayette, East Sonora and F Sts., grade; const. comb. conc. curb and gutter; conc. walks; pave with 3-in. crushed rock base with 2-in. asph. conc surface 1911 and 1915 Bond Act. Protests April 17. W. E. Hogan, city eng.

STOCKTON, San Joaquin Co., Cal.—County Supervisors, E. D. Graham, clk., declares intention to imp. roads in Rd. Imp. Dist. 6: grade; const. 16-ft. subgrade; oil macadam pavement consisting of crushed rock and asph. oil and pea gravel, 6-in. thick, 16-ft. wide, Rd Dist. Imp. Act 1907. F. E. Quail, county surveyor.

BAKERSFIELD, Kern Co., Cal. — Kuetzner & Doyle, Bakersfield, at $99,-055.82 awarded cont. by council to imp. streets in Lincoln school section. Other bids: Valley Const. Co., $106,096.36; Stroble and Dean, $99,059.61.

SANTA ANA, Cal. — T. W. Oglesby, Santa Ana, awarded contr. by city trustees at $7465.02 to pave S. Main St., bet. Edinger St. and city limits. 24c sq. ft. paving, 50c ft. curb, $1.95 ft. comb. curb and gutter; $1.10 8-in. sewer, 95c ft. 6-in. sewer, and 65c ft. 4-in. sewer, $85 each manhole; $145 flush tank.; involves approx. 14,945.5 sq. ft. 6-in. conc. paving.

SANTA MONICA, Cal.—Kneen Paving Co., Dudley Blk., Santa Monica, awarded contr. by council at $65,777.12 to pave portion of Colorado Ave., involv. 225,576 sq. ft. paving with Warrenite-Bit. surface on 3½-in. asph. conc. base; grading, catchbasins, etc.; 4666 ft. curb 513 sq. ft. walk. Other bids were: Warren Constr. Co., $73,631.55; Geo. R. Curtis, $73,651.55.

MADERA, Madera Co., Cal.—City Eng. A. M. Acton has completed spec. and res. of inten. passed by trustees to imp. West Yosemite Ave., under 1911 and 1915 Bond Act, protests to be heard April 5. Project involves 114,644 sq. ft. grading; 107,899 sq. ft. 2½-in. bituminous base with 1½-in. Bitulithic surface 5072 sq. ft. conc. gutter; 2003.5 lin. ft. conc. curb; 634 lin. ft. culvert; 80 lin. ft. cull circle 8-in. corru. pipe; 2 manholes.

LOS ANGELES, Cal.—Geo. H. Oswald, 366 E 58th St., submitted low bid to Bd. Pub. Wks. at $291,971 to imp. 1st St., bet. Second St. and Rampart Blvd., and portions of other streets, involv. grading at $110,000 (lump sum); 260,700 sq. ft. asph. paving at 30c ft.; 190,443 sq. ft. conc. paving at 29c ft.; 290 sq. ft. asph. remodeling at 30c ft.; 13,759 sq. ft. oiling and rolling at 7c ft.; 16,521 ft. curb at 58c ft; 85,810 sq. ft. walk at 20c ft; 11,769 sq. ft. conc. gutter at 32c ft.; storm drain, $4400; san. sewer, $4100; 5137 ft. hse. sewers at $1.65 ft. Other bids were: Griffith Co., $302,-628.89; Geo. R. Curtis, $341,726.46; T. E. Shafer, $298,958.34.

Jahn & Bressi, Seattle (temp. L. A. address Ambassador hotel), submitted low bid at $222,727.61, to imp. Rowena St., bet. Glendale Blvd. and Ivanhoe, and portions of other streets, involv. 434,174 sq. ft. conc. paving at 24.5c ft.; 15,739 sq. ft. oiling at 7c ft.; 23,605 ft. curb at 65c ft.; 78,322 sq. ft. walk at 20c ft.; 1152 sq. ft. gutter at 30c ft.; catch basins, and culvert at $900; san. sewer at $48,500; grading at $34,500 (lump sum).

Geo. H. Oswald submitted low bid at approx. $42,634 to imp. 12th St., bet. Sentous St. and Union Ave., involving grading at $4350 (lump sum); 129,349 sq. ft. asph. paving at 25c ft.; 12,882 sq. ft. conc. paving at 20c ft.; 577 ft. curb at 60c ft.; 1093 sq. ft. walk at 20c ft.; 7406 sq. ft. gutter at 26c ft.; san. sewer, $700; 120 ft. hse. sewers at $1.50. Other bidders were: Griffith Co., $43,-026.69; L. A. Paving Co., $45,329.82; Geo. R. Curtis, $44,207.98.

Griffith Co., L. A. Ry. Bldg., submitted low bid at approx. $77,552 to imp. Highland Ave., bet. Cahuenga Ave. and Sunset Blvd., involv. 161,520 sq. ft. grading at 4c ft.; 160,059 sq. ft. asph. paving at 33c ft.; 1401 sq. ft. concr. paving at 30c ft.; 2254 sq. ft. rough grading at 4c ft.; 2254 sq. ft. oiling at 7c. ft.; 795 ft. curb at 70c ft.; 3264 sq. ft. walk at 25c ft.; 11,103 sq. ft. gutter at 30c ft.; catch basins and culverts, $12,000; 558 ft. hse sewers at $1.50 ft. Other bids were: Geo. R. Curtis, $83,-398.83; Geo. H. Oswald, $83,816.26.

Adam Layer, 510 Grosse Bldg., submitted low bid to imp. Agate St., bet. 733 ft. n.e. of Montecito St. and Johnston St., involv. 23,745 sq. ft. rough grading at 19c sq. ft.; 23,745 sq. ft. oiling and rolling at 7c sq. ft.; 390 ft. curb at 75c ft.; 9109 sq. ft. walk at 24c ft.; 6782 sq. ft. conc. gutter at 35c ft.

C. W. Shafer, 222 W 33rd St., submitted low bid to imp. Avalon St., bet. Preston Ave. and Lemoyne St., involv. 1224 sq. ft. grading at 11c ft.; 1224 sq. ft. conc. paving at 30c ft.; 3435 sq. ft. rough grading at 30c ft.; 3435 sq. ft. sq. ft. oiling at 10c ft.; 173 ft. curb at $1 ft.; 725 sq. ft. walk at 30c ft.; 295 sq. ft. gutter at 40c ft.; conc. stairway $3116.35.

KELSO, Wash.—Until April 10, 6 p. m., bids will be rec. by Long-Bell Lumber Co., Kelso, for sewer and water improvements. Project divided into three sections, for which separate bids are desired, as follows:

Section A—For fur. superintendence, labor, equipment and tools for const. complete in place water mains and appurtenances embracing approx. the following quantities:

6 in. c. i. pipe, 15,950 lin. ft.; 8 in. c. i. pipe, 22,000 lin. ft.; 10 in. c. i. pipe 2300 lin. ft.; 12 in. c. i. pipe, 8500 lin. ft.; 14 in. c. i. pipe, 4500 lin. ft.; 24 in. c. i. pipe, 2700 lin. ft.; excavation, 13,000 cu. yds.

Section B—For fur. all superintendence, labor, equipment and tools for const. complete in place sanitary sewers and appurtenances embracing approx. the following quantities: 8-in. conc. pipe, 6200 lin. ft.; 10 in. conc. pipe 18,500 lin. ft.; 12 in. conc. pipe, 8000 lin. ft.; 15 in. conc. pipe, 2600 lin. ft.; 18 in. conc. pipe, 2000 lin. ft.; 21 in. conc. pipe, 2000 lin. ft.; 24 in. conc. pipe, 3250 lin. ft.; 27 in. conc. pipe, 1300 lin. ft.; 30 in. conc. pipe, 3800 lin. ft.; excavation ,45,000 cu. yds.

Section C—For fur. all superintendence, labor, equipment and tools for const. in place storm sewers and appurtenances embracing approx. the following quantities: 10 in. conc. pipe, 5000 lin. ft.; 15 in. conc. pipe, 900 lin. ft.; 18 in. conc. pipe, 1600 lin. ft.; 21 in. conc. pipe, 1900 lin. ft.; 24 in. conc. pipe, 2300 lin. ft.; 27 in. conc. pipe, 1400 lin. ft.; 30 in. conc. pipe, 5400 lin. ft.; 36 in. conc pipe, 3500 lin. ft.; 42 in. conc. pipe, 2000 lin. ft.; 48 in. conc. pipe, 2000 lin. ft. 54 in. conc. pipe, 1900 lin. ft.; excavation, 26,000 cu. yds.

SANTA BARBARA, Cal.—Until 5 p. m., April 5, bids will be rec. by council to pave Jimeno Rd., bet. Grand Ave. and Sta. 10 plus 78.72; const. combined curb and gutter, catch basin, 6-in. vit. pipe san. sewer; 1911 Act.

BERKELEY, Alameda Co., Cal.—City Council, E. M. Hann, clerk, declares intention to imp. Alcatraz Ave., bet. Adeline St. and east city limits; const. conc curbs and gutters; grade; pave with 7-in. asph. conc.; 2 curb inlets; 1 conc. catchbasin. 1911 Act and Bond Act 1915. Protests April 10. C. L. Huggins, city engineer.

SAN JOSE, Santa Clara Co., Cal.—Until April 9, 8 P. M., bids will be rec. by J. J. Lynch, City Clerk, to imp.

Locust St., bet. Park and San Carlos: Grade, pave with 3-in. "Durite" asph. conc. base with 1½-in. "Durite" asph. conc. surface; cem. walks.

6th St., bet. San Carlos and Market: Grade; pave with 3-in. Bitulithic cem. bit. base with 1½-in. Warrenite-Bit. surface; hyd. conc. curbs, gutters and walks; 2 br. catchbasins; 8-in. vit. pipe drain.

1911 Act and Bond Act 1915. Cer. check 10% payable to city req. Wm. Popp, City Eng.

MAYFIELD, Santa Clara Co., Cal.—Bonds of $7500 vote to finance constr. of extensions to sewer system.

SAN JOSE, Santa Clara Co., Cal.—Until April 9, 8 P. M., bids will be rec. by J. J. Lynch, City Clerk, to imp. Market St., bet. Santa Clara and Bassett: Remove basalt block gutters and portions of pavement and prepare for gravel fill; const. hyd. conc. gutters; replace pavement, etc.

Separate bids to imp. 10th St., bet. Reed and Keyes: Grade; pave with 3-in. "Durite" asph. conc. base with 1½-in. "Durite" asph. conc. surface; conc. curbs, gutters; cement walks; 4 br. catchbasins; 8-in. vit. pipe drain. 1911 Act and Bond Act 1915. Cert. check 10% payable city req. Wm. Popp, City Eng.

LONG BEACH, Cal.—D. P. Durham, 900 Raymond Ave., submitted low bid to council to grade and pave with to council at 25.8c sq. ft. to grade and pave with conc. alleys bet. Grand Ave. and Mira Mar, and Broadway and Third Street.

D. P. Durham awarded contr. at 22.5c sq. ft. to grade and pave Marietta Ct., bet. 7th and 8th and La Reina Way bet. Lime and Olive Sts.

J. W. Butters, 651 Stanley Ave., submitted low bid at 25.2c to grade and pave with cem. conc. first alley s. of 4th St., bet. Olive and Alamitos Sts.

LOS ANGELES, Cal. — Supervisors will take bids shortly to imp. Los Angeles St., bet. Mission Ave. and Azura Canyon Rd., (R. D. I. No. 249) involv. 5103 cu. yds. excav.; 12,444 sq. yds. shaping roadbed; 3958 sq. yds. Willite top, 2-in. thick; 8486 sq. yds. Willite top average 2¼-in. thick; 8486 sq. yds. Willite base, average 4¼-in. thick; 270 sq. ft. conc. gutter. Est. cont. price, $30,284.20. Average haul, .5 mi. from Baldwin Park.

SAN DIEGO, Cal.—Bids rec. by council to imp. Iowa St., bet. Polk and El Cajon Aves., involv. (a) 60,729.8 sq. ft. paving with 1½-in. asph. conc. surface on 2½-in. bitum. base, (b) 56 lin ft. cem. conc. curb, were: G. R. Daley, 4430 Boundary St., (a) 17.3c, (b) 65c; Calif. Constr. Co., Union Bldg., (a) 20c, (b) 75c. Bids referred to City Eng. F. A. Rhodes.

Bids rec. to imp. Robinson Ave. and Curlew St., involv. (a) 35,022 sq. ft. paving with 4-in. cem. conc., (b) 4818 sq. ft. cem. sidewalk, (c) 919 lin. ft. cem (d) 1 4-in. cem. sewer lateral, (e) double strength conc. pipe, (f) 2 conc. inlets were: H. H. Peterson, Loma Portal, (a) 18.9c, (b) 22c, (c) 66c, (d) $30, (e) $125, (f) $60; G. R. Daley, 4430 Boundary St., (a) 23c, (b) 25c, (c) 80c, (d) $38, (e) $110, (f) $150; Cushing Constr. Co., 1501 Brookes Ave., (a) 20.3c, (b) 25c, (c) 75c, (d) $35, (e) $90, (f) $70; Carl S. Carlson, 915 Sampson St., (a) 22.9c, (b) 22c, (c) 74c, (d) $27, (e) $105, (f) $125. Bids referred to City Engr. F. A. Rhodes.

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BUILDING CONTRACTS

SAN FRANCISCO COUNTY

$1,000 and Over Reported

The following is an index for the contracts for this issue.

No.	Owner	Contractor	Amt.
1136	Hering	Owner	2000
1137	Meyer	Owner	12000
1138	Pugh	Antwiler	4500
1139	Pacific	Owner	2500
1140	Spaar	Owner	3700
1141	Meyer	Owner	21000
1142	Perry	Owner	4000
1143	Phipps	Hofmeister	1900
1144	Yates	Yates	4000
1145	Bordergary	Owner	9000
1146	Bradley	Meyer	75000
1147	Koenig	Owner	9600
1148	Welsh	Owner	75000
1149	De Young	Owner	60000
1150	Stewart	Jensen	40000
1151	McCarthy	Arnott	3000
1152	Rock	Weinberger	5750
1153	Murphy	Oyen	10600
1154	Derby	Carlson	4700
1155	Allen	Owner	21000
1156	Hack	Hantzsche	8000
1157	Levin	Muller	2900
1158	de Golia	Moller	6000
1159	Costerlo	Owner	27000
1160	R C Archbishop	Central	2085
1161	Hesse	Stiefel	16000
1162	McCarthy	Arnott	3300
1163	Backman	Owner	8000
1164	Weber	Owner	2000
1165	Little	Owner	3000
1166	Graubart	Severin	1000
1167	Wilkerson	McSheehy	1500
1168	Ross	Owner	6500
1169	O'Neill	McCormick	8800
1170	Stanford	Downig	2500
1171	Quinn	Owner	4000
1172	Rednall	Rednall	5915
1173	Kneass	Owner	5000
1174	Manseau	Owner	9000
1175	coaz	Little	12500
1176	Hjul	Owner	15000
1177	South	Humphreys	1489
1178	Garibaldi	DeBenedette	5200
1177	Howkes	Mission	30138
1178	Repetto	Montani	8000
1179	Popercu	Owner	6300
1180	Wolter	Vanucci	11661
1181	Costello	Owner	6000
1182	Aronson	Goodman	40000
1183	Smith	Owner	4500
1184	Lang	Petersen	4500
1185	Mensor	Owner	18000
1186	Oliveri	Carraro	2000
1187	Rincon	Vukicevich	39410
1188	Lindeman	Lindeman	5000
1189	Same	Same	5000
1190	Huntington	Cahill	900000
1191	Heights	Owner	200000
1192	Hansen	Owner	3000
1193	Plymouth	Owner	1295
1194	Bienfield	Owner	6000
1195	Hucks	Coburn	1675
1196	McDermott	Roberts	4000
1197	Otis	MacDonald	7000
1198	Ladoucern	Owner	2850
1199	Chaquette	Barrett	2500
1200	Hucks	Coburn	1730
1201	Olson	Owner	2000
1202	Ham	Owner	47000
1203	Belanesi	Rossi	1000
1204	Allred	Owner	12000
1205	Hess	Owner	2000
1206	Bidderman	Beach	3850
1207	Terzain	De Benedetti	10950
1208	Snow	Jose	2800
1209	Gangale	Pearson	3350
1210	Braun	Mission	9990
1211	de Young	Carlin	10000

ALTERATIONS
(1136) W THIRTY-NINTH AVE 100 N Fulton. Cement foundations; stucco front; electric work; plumbing, etc., for dwelling repairs.
Owner—John J. Hering, 807 Hayes St., San Francisco.
Architect—None. $2000

DWELLINGS
(1137) E THIRTY-NINTH AVE 175, 200, 225 and 250 S Geary. Four one story and basement frame dwellings.
Owner—Meyer Bros., 5326 Geary St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco. $3000 each

DWELLING
(1138) NE PALOU 100 NW Keith. One-story and basement frame dwelling.
Owner—John D. Pugh, 1432 Revere St., San Francisco.
Architect—S. Hansen, 1526 Galvez Ave., San Francisco.
Contractor—Chas. Antwiler, 1478 Palou Ave., San Francisco. $4500

ADDITION
(1139) W MISSION bet. Park and Highland Aves. Construct addition to shed.
Owner—Pacific Auto Stage Co., Mission near Highland Ave., S. F.
Architect—Albert W. Burgren, 110 Sutter St., San Francisco. $2500

DWELLING
(1140) E NOE 226-6 N Seventeenth. One-story and basement frame dwelling.
Owner—J. P. Spaar, 127A Albion Ave., San Francisco.
Architect—A. J. Falvey, 2099 Lake St., San Francisco. $3700

DWELLINGS
(1141) NW THIRTY-EIGHTH AVE & Anza and W THIRTY-EIGHTH Ave 25, 50, 75, 100, 125 and 150 N Anza. Seven one-story and basement frame dwellings.
Owner—Meyer Bros., 5326 Geary St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco. $3000 each

DWELLING
(1142) N TARAVAL 50 W Dewey Blvd Two-story and basement frame dwelling.
Owner—Berry & Little, 591 6th Ave., San Francisco.
Architect—H. G. Stoner, 1st National Bank Bldg., San Francisco. $4000

ADDITION
(1143) S CLIPPER 150 W Diamond. Add sun room & bath and remodel for (2) flats.
Owner—Chas. Phipps, 515 Clipper St., San Francisco.
Architect—None.
Contractor—H. C. Hofmeister, 3156 22d St., San Francisco. $1900

DWELLING
(1144) W SIXTEENTH AVE 150 S Judah. One-story and basement frame dwelling.
Owner—Yates & Cooke, 124A Parnassus Ave., San Francisco.
Architect—None.
Contractor—W. H. Yates, 124A Parnassus Ave., S. F. $4000

FLAT, ETC.
(1145) S GEARY 82½ W Tenth Ave. Two-story frame store, laundry and flat.
Owner—M. Bordergary & G. Longuy, 1100 Clement St., San Francisco.
Architect—Gustave Stahlberg, 544 Market St., San Francisco. $9000

APARTMENTS
(1146) N SUTTER 137-6 W Scott. Two-story & basement frame (24) apartments.
Owner—Peter Bradley and J. E. Connell, 180 Jessie St., S. F.
Architect—Andrew H. Knoll, Hearst Bldg., San Francisco.
Contractor—Meyer Bros., 5324 Geary St., San Francisco. $75,000

STORES
(1147) N DEWEY BLVD. in vicinity of Laguna Honda station. One-story reinforced concrete stores.
Owner—Mrs. Wm. and Miss M. Koenig, 1 Pacheco St., San Francisco.
Plans by Owner. $9600

APARTMENTS
(1148) SW HYDE AND SUTTER STS Six-story and basement concrete (35) apartments.
Owner—James Welsh, 597 20th Ave., San Francisco.
Architect—H. C. Baumann and Edw. Jose, 251 Kearny St., San Francisco. $75,000

MUSEUM
(1149) GOLDEN GATE PARK. One-story concrete museum.
Owner — M. H. De Young, Chronicle Bldg., San Francisco.
Architect—Weeks & Day, 315 Montgomery St., S. F. $60,000

ALTERATIONS
(1150) NO. 353 GEARY ST. Remove present elevators and shafts and install new elevators and construct new shafts with steel foundations; new floor in hotel lobby.
Owner—Chas. Stewart, Premises.
Architect—M. V. Politeo, 1st National Bank Bldg., San Francisco.
Contractor—G. P. W. Jensen, 320 Market St., San Francisco. $40,000

BUNGALOW
(1151) W JULES AVE 125 S Holloway Ave S 25xW 112-6 Lot 36 Blk 27, Lakeview. All work for one-story bungalow.
Owner—The McCarthy Co., 316 Bush St., San Francisco.
Architect—James Arnott & Son, 235 Granville Way, San Francisco.
Contractor—James Arnott & Son, 235 Granville Way, San Francisco.
Filed Mar. 23, '23. Dated Feb. 24, '23.
30 days after frame up..... 25%
30 days after brown coated... 25%
30 days after completed and accepted 25%
Usual 35 days..... 25%
TOTAL COST, $3000
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

RESIDENCE
(1152) W CHURCH 225 N Randall W 125xN 25. All work for five-room residence.
Owner—Fred and Amelia Rock, 3829 25th St., San Francisco.
Architect—Non.
Contractor—H. S. Meinberger, 5720 California St., San Francisco.
Filed Mar. 23, '23. Dated Mar. 14, '23.
Rough frame up $1437.50
Brown coatd 1437.50
Completed 1437.50
Usual 35 days..... 1437.50
TOTAL COST, $5750.00
Bond, none. Limit, 120 days. Forfeit, none. Plans and specifications filed.

BUILDING
(1153) S CHESTNUT 87-6 E Gough. All work for two-story frame bldg.
Owner—Chas. Murphy, 3028 Broderick St., San Francisco.
Architect—None.
Contractor—O. M. Oyen, 67 Carmel St., San Francisco.
Filed Mar. 23, '23. Dated Mar. 20, '23.
Roof on $2650
Plastering finished 2650
Building finished 2650
Usual 35 days..... 2650
TOTAL COST, $10,600
Bond, none. Limit, 90 days after Mar. 24. Forfeit, plans and specifications, none.

FRAME BLDG.
(1054) E BENNINGTON 75 S Newman S 25x100. All work for one-story and basement frame building.
Owner—Julia C. Derby.
Plans by Contractor.
Contractor—C. J. Carlson.
Filed Mar. 23, '23. Dated Mar. 20, '23.

Frame up $1175
Rough plaster on 1175
Completion 1175
Usual 35 days 1175
TOTAL COST, $4700
Bond, none. Limit, 90 days after Mar. 26. Forfeit, none. Plans and specifications filed.

DWELLINGS
(1155) E TWENTY-EIGHTH AVE 396, 426½ and 457 N Lake. Three two-story and basement frame dwlgs.
Owner—Allen & Co., 168 Sutter St., San Francisco.
Architect—Earle B. Bertz, 168 Sutter St., San Francisco. $7000 each

FRAME FLATS
(1156) W TWENTIETH AVE 225 N Fulton. Two-story and basement frame (2) flats.
Owner—Philip Hack, 1595 Post St., San Francisco.
Architect—None.
Contractor—G. M. Hantzsche, 528 31st Ave., San Francisco. $8000

ALTERATIONS
(1157) NO. 1565 FILMORE. Alter store front.
Owner—A. & J. Levin, Premises.
Architect—None.
Contractor—Muller & Petersen, 243 7th St., San Francisco. $2900

ALTERATIONS
(1158) W STOCKTON 80 S Sutter. Alter store and lofts.
Owner—A. de Golia, % Architect.
Architect—O'Brien Bros., Inc., 315 Montgomery St., San Francisco.
Contractor—F. Moller, 180 Jessie St., San Francisco. $6000

DWELLINGS
(1159) S CABRILLO 92 W Thirty-ninth Ave.
SW THIRTY-NINTH AVE AND Cabrillo.
W THIRTY-NINTH AVE 25, 50, 75 100, 125, 150 and 175 S Cabrillo. Nine one-story and basement frame dwellings.
Owner—Costello Bros., 821 34th Ave., San Francisco.
Architect—None. $3000 each

ELECTRIC WORK
(1160) N MISSION bet. Third and Fourth. Electric work for St. Patrick's Church.
Owner—The Roman Catholic Archbishop of S. F., 1100 Franklin St., San Francisco.
Engineer—Chas. T. Phillips, 550 Montgomery St., San Francisco.
Contractor—Central Elec. Co., 185 Stevenson St., San Francisco.
Filed Mar. 24, '23. Dated Mar. 19, '23.
As work progresses 75%
Usual 35 days 25%
TOTAL COST, $2085
Bond, $2085. Sureties, Eugene Menzenmayer and D. H. Carlson. Limit, 90 days. Forfeit, none. Plans and specifications filed.

FRAME FLATS
(1161) SE CALIFORNIA & TWENTY-second Ave 32-6 on California by 90 on Twenty-second Ave. All work for two-story frame flats.
Owner—N. Hesse, 5797 California St., San Francisco.
Architect—None.
Contractor—John V. Stiefel, 181 23rd St. San Francisco.
Filed Mar 24, '23. Dated Mar. 17, '23.
Frame up $4000
Brown coated 4000
Completed 4000
Usual 35 days 4000
TOTAL COST, $16,000
Bond, $8000. Sureties Chas. Boyen and M. A. Slattery Limit, 120 days. Forfeit, none. Plans and specifications filed.

GARAGE
(1162) W JULES AVE 100 S Holloway Ave S 25xW 112 Lot 35 Blk 27, Lakeview All work for five-room garage.
Owner—The McCarthy Co, 316 Bush St., San Francisco.
Plans by Contractor.
Contractor—James Arnott & Son, 235 Granville Way, San Francisco.
Filed Mar. 24, '23. Dated Feb. 24, '23.
30 days after frame up 25%
30 days after brown coated 25%
30 days after comp. and accpt. 25%
Usual 35 days 25%
TOTAL COST, $3300
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

DWELLINGS
(1163) E FOERSTER 100 and 125 S Flood. Two one-story and basement frame dwellings.
Owner—Backman Bros., 537 Chenery St., San Francisco.
Architect—None. $4000 each

DWELLING
(1164) W COLERIDGE 105 S Fair Oaks. One and one-half-story frame dwlg.
Owner—E. J. Weber, 3211 Mission St., San Francisco.
Architect—None. $2000

DWELLING
(1165) W FORTY-SEVENTH AVE 100 N Fulton. One-story and basement frame dwelling.
Owner—John Little, 1035 Lincoln Way, San Francisco.
Architect—None. $3000

ALTERATIONS
(1166) NO. 1322 SACRAMENTO. Alter for private garage; cut opening through brick wall; cement plaster ceiling; cement floor, etc.
Owner—Louis Graubart, 1807 Polk St., San Francisco.
Architect—None.
Contractor—John Severin, 1480 Broadway, San Francisco. $1000

REPAIRS
(1167) NO. 2022 GREEN. Repair fire damage to flats and make addition of one-story.
Owner—P. Wilkerson, 220 Precita Ave., San Francisco.
Architect—None.
Contractor—J. B. McSheehy, 1147 Dolores St., San Francisco. $1500

RESIDENCE
(1168) E DE SOTO 190 S Urbano Drive Two-story and basement frame residence.
Owner—T. W. Ross, 86 Post St., S. F.
Architect—None. $6500

FRAME FLATS
(1169) N TWENTY-SEVENTH 290 W Church. Two-story and basement frame (2) flats.
Owner—Daniel O'Neill, 438 Duncan St., San Francisco.
Architect—None.
Contractor—Thos. McCormick, 73 Hill St., San Francisco. $8800

ALTERATIONS
(1170) WEBSTER bet. Sacramento & Clay. Renew walls of boiler in hospital.
Owner—Stanford University Hospital, Premises.
Architect—Hunter & Hudson, Rialto Bldg., San Francisco.
Contractor—John Downig, 260 Natoma St., San Francisco. $2500

DWELLING
(1171) E FORTIETH AVE 502 S Clement. One-story and basement frame dwelling.
Owner—A. & B. Quinn, 3666 17th St., San Francisco.
Architect—Ida F. McCain, 318 Kearny St., San Francisco. $4000

RESIDENCE
(1172) W BRODERICK 21 S Greenwich. Two-story and basement frame residence.
Owner—W. W. Rednall, 2500 Filbert St., San Francisco.
Designer—W. W. Rednall, 2500 Filbert St., San Francisco.
Contractor—W. W. Rednall, 2500 Filbert St., San Francisco. $5915

DWELLING
(1173) NE EASTWOOD & MIRAMAR. One-story and basement frame dwelling.
Owner—Webster L. Kneass, 42 Walter St., San Francisco.
Architect—Sandberg & Essman, 501 4th St., San Francisco. $5000

FRAME FLATS
(1174) W EIGHTEENTH AVE 359 N Fulton. Two-story and basement frame (2) flats.
Owner—Edw. E. Manseau, 647 Clayton St., San Francisco.
Architect—None. $9000

FRAME FLATS
(1175) E TWELFTH AVE 175 S Cabrillo. Two-story and basement frame (2) flats.
Owner—Mrs. Coaz, 746 15th Ave., S. F.
Architect—None.
Contractor—John Little, 1035 Lincoln Way, San Francisco. $12,500

STORES
(1176) E MISSION 45-9 S Twelfth. Two-story concrete stores.
Owner—J. H. Hjul, 1342 Mission St., San Francisco.
Engineer—J. H. Hjul, 1342 Mission St., San Francisco. $15,000

HAND BALL COURT
(1177) ADJ. PRESENT CLUB ON NW. All work for hand ball court.
Owner—South End Rowing Club, Foot Van Ness Ave., San Francisco.
Architect—Dodge A. Riedy, Pacific Bld., San Francisco.
Contractor—A. H. Humphreys 1206 Valencia St., San Francisco.
Filed Mar. 26, '23. Dated Mar. 26, '23.
Rough flooring laid $300
Carpenter work completed 600
Completed and accepted 316
Usual 35 days 373
TOTAL COST, $1489
Bond, none. Limit, 25 days. Forfeit, none. Plans only filed.

COTTAGE
(1178) W DELANO 180-11⅛ from Ocean Ave 26-8x100. All work except finish hardware, window shades and gas and electric fixtures for one-story frame cottage and garage.
Owner—Antonio Garibaldi, 662 Brunswick St., San Francisco.
Architect—None.
Contractor—A. De Benedette & Son, 22 Cotter St., San Francisco.
Filed Mar. 26, '23. Dated Mar. 19, '23.
Frame up $1300
Brown coated 1300
Completed and accepted 1100
Usual 35 days 1500
TOTAL COST, $5200
Bond, $2600. Sureties, G. Cavagnaro & Pio De Martini. Limit, 90 days after March 26, 1923. Forfeit, none. Plans and specifications filed.

LOFTS
(1177) S MINNA 75 W Fourth. Three story and basement concrete lofts.
Owner—Mrs. Mary Hawkes, % F. J. Kience Co., Sharon Bldg., S. F.
Architect—H. C. Baumann and Edw. Jose, 251 Kearny St., San Francisco
Contractor—Mission Concrete Co., Call Bldg., San Francisco. $30,138

FRAME FLATS
(1178) S LOMBARD 106-3 W Laguna. Two-story and basement frame (2) flats.
Owner—L. Repetto, 1807 Lombard St., San Francisco.
Architect—L. Traverso, 854 Union St., San Francisco.
Contractor—S. Montani, 1753 Greenwich St., S. F. $8000

FLATS, ETC.
(1179) NE OAKDALE 50 NW Newhall. Two-story frame butcher shop and flat.
Owner—M. Popercu, 1386 Alabama St., San Francisco.
Architect — B. E. Remmel, 735 Grand Ave., Oakland. $6500

SHOP
(1180) NE ALABAMA & TWENTIETH One-story and mezzanine floor shop
Owner—H. M. Wolter, 2398 Howard St., San Francisco.
Architect — Frederick W. Quandt, 414 Humboldt Bank Bldg., S. F.
Contractor—L. Vanucci Bro., 16th and Church St., S. F. $11,661

DWELLINGS
(1181) E FORTIETH AVE 150 and 175 S Cabrillo. Two one-story and basement frame dwellings.
Owner—Costello Bros., 821 34th Ave., San Francisco.
Architect—None. $3000 each

STORES
(1182) N MISSION 407 W First. Five-story and basement reinforced concrete stores.

Owner—A. Aronson and M. Rothchild, Merchants' Exchange Bldg., S. F.
Architect—M. I. Schwartz, Nevada Bk. Bldg., San Francisco.
Contractor — Geo. Goodman Artificial Stone Co., 35 Montgomery St., San Francisco. $40,000

DWELLING
(1183) W FORTIETH AVE 125 N Balboa. One-story and basement frame dwelling.
Owner—Martin Smith, 114 Girard St., San Francisco.
Architect—None. $4500

DWELLING
(1184) N MAGELLAN 35 W Twelfth Ave. One-story and basement frame dwelling.
Owner—Lang Realty Co., 219 First National Bank Bldg., S. F.
Architect—H. Stoner, 1st National Bk. Bldg., San Francisco.
Contractor—F. Petersen, 219 First National Bank Bldg., S. F. $4500

APARTMENTS
(1185) N SACRAMENTO 137-6 E Scott Three-story and basement frame (12) apartments.
Owner—William Mensor, % Architect.
Architect—C. O. Clausen, Hearst Bldg., San Francisco. $18,000

DWELLING
(1186) E HOLYOKE 100 S Bacon. One-story and basement frame dwelling.
Architect—None.
Contractor—G. Carraro, 750 Felton St., San Francisco. $2000

ADDITION
(1187) SE FEDERAL 325 SW First SW 88xSE 80. All work for three-story and basement reinforced concrete addition to warehouse.
Owner—Rincon Warehouse Co., 268 Lee St., Oakland.
Architect—W. H. Ellison, 369 Pine St., San Francisco.
Contractor—Vukicevich & Bagge, 180 Jessie St., San Francisco.
Filed Mar. 27, '23. Dated Mar. 14, '23.
First floor finished.....$5911.50
2nd floor finished..... 5911.50
3rd floor finished..... 5911.50
Roof finished 5911.50
On completion 5911.50
Usual 35 days..... 9852.50
TOTAL COST, $39,410.00
Bond, none. Limit, 60 days. Forfeit, $50. Plans and specifications, none.

BUNGALOW
(1188) E TWENTY-FOURTH AVE 210 S Cabrillo S 25x E120. All work for one-story bungalow.
Owner—H. O. Lindeman, 619 27th Ave. San Francisco.
Architect—None.
Contractor—W. R. Lindeman, 53 Balboa St., San Francisco.
Filed Mar. 27, '23. Dated Feb. 28, '23.
Frame up and enclosed.....$1250
Rough plastered 1250
Completed 1250
Usual 35 days..... 1250
TOTAL COST, $5000
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

BUNGALOW
(1189) E TWENTY-FOURTH AVE 85 S Cabrillo S 25xE 120. All work for one-story bungalow.
Owner—H. O. Lindeman, 619 27th Ave., San Francisco.
Architect—None.
Contractor—W. R. Lindeman, 53 Balboa St., San Francisco.
Filed Mar. 27, '23. Dated Feb. 28, '23.
Frame up and enclosed.....$1250
Rough plastered 1250
Completed 1250
Usual 35 days..... 1250
TOTAL COST, $5000
Bond, none. Limit, 90 days. Forfeit, $3. Plans and specifications filed.

(1190) SE CALIFORNIA & TAYLOR. Twelve-story and basement reinforced concrete apartments.
Owner—Huntington Apartments, Inc., 110 Sansome St., San Francisco.
Architect—Weeks & Day, 315 Montgomery St., San Francisco.
Contractor—Cahill Bros., 110 Sutter St., San Francisco. $900,000

APARTMENTS
(1191) N BROADWAY 137-6 W Octavia. Ten-story and basement reinforced concrete (14) apartments.
Owner—"The Heights," % Randolph Whitney, Monadnock Bldg., S. F.
Architect—Frederick W. Quandt, Humboldt Bank Bldg., S. F. $200,000

DWELLING
(1192) E ULLOA 60 W Granville Way. One-story and basement frame dwelling.
Owner—Walter E. Hansen, 1919 San Jose Ave., San Francisco.
Architect—None. $3000

ADDITION
(1193) NO. 515 MARKET. Construct addition for mezzanine floor (steel girders); T. & G. flooring.
Owner—Plymouth Cafeteria, E. Cuenin, Premises.
Architect—A. R. Denke, 216 Dalziel Bldg., Oakland. $1295

GARAGE
(1194) NE ULLOA AND CLAREMONT Blvd. One-story brick private garage.
Owner—D. L. Blenfield, % Architect.
Architect—O'Brien Bros., Inc., 315 Montgomery St., San Francisco. $6000

REPAIRS
(1195) NO. 1545-49 LARKIN. Repair fire damage to 3 flats; tar and gravel roof; painting; papering & tinting.
Owner—Mr. Hucks, 1551 Larkin St., San Francisco.
Architect—None.
Contractor—Chas. Coburn, 180 Jessie St., San Francisco. $1675

ALTERATIONS
(1196) N TWENTY-FOURTH 130 E Castro. Move, raise and alter for (4) apartments and store.
Owner—Thos. J. McDermott and W. E. Sullivan, 357 Cumberland St., S. F.
Architect—R. R. Irvine, 507 Call Bldg., San Francisco.
Contractor—Roberts & Son, 338 Scott St., San Francisco. $4000

ALTERATIONS
(1197) NO. 1231 MARKET. Alter hotel
Owner—James Otis (trustee), Premises.
Architect — Geo. Rushforth, 354 Pine St., San Francisco.
Contractor—MacDonald & Kahn, 130 Montgomery St., S. F. $7000

DWELLING
(1198) S ROLPH 50 W Newton. One-story and basement frame dwlg.
Owner—John Ladducern, 272 Templeton Ave., Daly City.
Architect—None. $2850

ALTERATIONS
(1199) NO. 35 EDDY. Cement front of hotel and construct new store fronts.
Owner—Chaquette & Armstrong, Montgomery & Bush Sts., S. F.
Architect—D. Coleman, 110 Sutter St., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco. $2500

REPAIRS
(1200) NO. 1551-55 LARKIN. Repair fire damage to (3) flats; tar and gravel roof; painting, papering, tinting, etc.
Owner — Mr. Hucks, 151 Larkin St., San Francisco.
Architect—None.
Contractor—Chas. Coburn, 180 Jessie St., San Francisco. $1730

DWELLING
(1201) E ASHTON AVE 275 N Grafton. One-story and basement frame dwelling.
Owner—C. Olson, 549 Holloway Ave., San Francisco.
Architect—None. $2000

APARTMENTS
(1202) NW CLAY AND TAYLOR STS Three-story and basement brick Class C (18) apartments.
Owner—L. B. Ham, 105 Montgomery St., San Francisco.
Architect—None. $47,000

ALTERATIONS
(1203) NO. 1909 LOMBARD. Stucco front; add 1 room and porch; construct fireplace and bay window.
Owner—D. Balanesi, 1909 Lombard St., San Francisco.
Architect—None.
Contractor—F. Rossi, 1799 Filbert St., San Francisco. $1000

DWELLINGS
(1204) W CORONA 100, 150 and 200 S Urbano Drive. Three one-story and basement frame dwellings.
Owner—C. S. Allred, 159 Liberty St., San Francisco.
Architect—Chas. F. Strohoff, 2274 15th St., San Francisco. $4000 each

DWELLING
(1205) E HURON 100 S Laura. One-story and basement frame dwlg.
Owner—B. Hess, 52 Lawrence St., San Francisco.
Architect—G. A. Berger, 261 Valencia St., San Francisco. $2000

ADDITION
(1206) E CASTRO 25 S Twenty-fourth. Construct addition to store for (2) apartments.
Owner—M. Bidderman, 624 Diamond St., San Francisco.
Architect—E. E. Young, 2002 California St., San Francisco.
Contractor—R. O. Beach, 4173 23rd St., San Francisco. $3850

BUILDING
(1207) W MISSION & Francis SW 50x NW 100. All work for frame bldg. (except painting, plumbing, shades and chandeliers).
Owner—Percy G. Terzian, 4412 Mission St., San Francisco.
Architect—J. A. Porporato, 619 Washington St., San Francisco.
Contractor—A. De Benedetti & Son, 20 Cotton St., San Francisco.
Filed Mar. 28, 1923. Dated Mar. 21, 1923.
Rough Frame up $2200
Brown coated 2700
Completed and accepted 3000
Usual 35 days 3050
TOTAL COST, $10,950
Bond, $5500; Sureties, A. Bacigalupi and E. Castelle; Forfeit, none; Limit, 90 days; Plans and specifications filed.

APARTMENT BLDG.
(1208) NW CALIFORNIA & LAGUNA 34-6 x 137-6. All work for 3-story & basement frame apartment bldg.
Owner—Alphonse & Marie Snow, 1500 Polk St., San Francisco.
Architect—None.
Contractor—Edw. Jose, 1179 Hayes, San Francisco.
Filed Mar. 28, 1923. Dated Feb. 2, 1923.
Owner to pay for all material and labor when due and pay contractor as follows:
Plans & spec. completed.....$400
Roof on 600
Plaster on 600
Completed and accepted 600
60 days after..... 600
TOTAL COST,$——
Owner pays costs of labor aand material and $2800 to contractor.
Bond, Sureties, Forfeit, Limit, Plans and specifications, none.

BUILDING
(1209) SE PARIS 225 NE Brazil Ave. NE 25x100 Ptn Lot 3 Blk 13, Excl. Hd. Assn. All work except concrete work, painting and sewer connections for building.
Owner—Vincenzo Gangale.
Architect—None.
Contractor—August Pearson, 241 Silliman Ave., San Francisco.
Filed Mar. 28, '23. Dated Mar. 26, '23.
Frame up $875
Brown coated 975
Building finished 875
Usual 35 days..... 625
TOTAL COST, $3350
Bond, none. Limit, 75 days. Forfeit, plans and specifications, none.

ENCAVATION, ETC.
(1210) W VALENCIA 92 S Sixteenth W 88xS 30. Excavation and reinforced concrete work.
Owner—Fred Braun, % Architect.
Architect—John F. Beuttler, 110 Sutter St., San Francisco.
Contractor—Mission Concrete Co., Call Bldg., San Francisco.
Filed Mar. 28, '23. Dated Mar. 27, '23.
2nd floor slab poured.....$3000
Roof slab poured..... 3000
Completed and accepted..... 1490
Usual 35 days..... 2500
TOTAL COST, $9990
Bond, $4995. Surety, Fidelity & Deposit Co. of Maryland. Limit, 50 days. Forfeit, none. Plans and specifications filed.

EXCAVATION
(1211) PITY EDED BY MISSION, 5th, Mary and Minna Sts. Excavation for building.
Owner—M. H. de Young, Chronicle Bldg San Francisco.
Architect—Weeks & Day, 315 Montgomery St, San Francisco.
Contractor—Carlin Grading Co., 180 Jessie St., San Francisco.
Filed Mar. 28, '23. Dated Mar. 27, '23
Every 10 days..... 75%
Uscual 35 days..... 25%
TOTAL COST, $10,000
Bond, $5000. Surety, Fidelity & Deposit Co. of Maryland. Limit, May 1, 1923. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Amount

Mar 23, 1923—NW DELANO AVE & Ocean Ave. Vittorio Teddel to Emil Ichters.....Mar. 22, 1923
Mar. 23, 1923—SW TWENTY-SIXTH and York S 125xW 100. Joseph M Sala to Thomas F Mitchell.....March 17, 1923
Mar. 23, 1923—LOT 19 BLK 18; Lot 28 Blk 17; Lot 29 Blk 17, Crocker-Amazon Tract; N 20 ft. Lot 11 and S 15 ft. Lot 12 Blk 18; Lot 13 and N 10 ft. Lot 12 Blk 18. Crocker-Amazon Tract Crocker Estate Co to Albin M Samuelson.....Mar. 15, 1923
Mar. 23, 1923—W THIRTY-FOURTH Ave 175 S Geary. Wm Klute to Meyer Bros.....Mar. 23, 1923
Mar. 23, 1923—W SANTA CLARA AV 48.03 S Terrace Drive 50.10x101.30 m or 1 Lot 13 Blk 16, St. Francis Wood. Mrs. Mary E Hunt to Mangels Bros.....Mar. 15, 1923
Mar. 23, 1923—SW MASON & EDDY S 137-6xW 137-6. Jas K Prior Jr to J E Back & Co.....Mar. 16, 1923
Mar. 23, 1923—LOT 25x120 E Twenty-first Ave 325 S Irving. Fred Fiske to whom it may concern..Mar. 23, '23
Mar. 23, 1923—NW HYDE AND FILBERT N 137-6xW 137-6. Capo Di Monte to Gunn Carle & Co.....March 17, 1923
Mar 23, 1923—E SIXTH AVE 125 N Cabrillo. George Hunseth to whom it may concern.....Mar. 23, 1923
Mar 24 1923—S PINE 100 W Powell E 36 S 137-6 W 36 N 137-6. Elizabeth Julius and Thos F Bell to J J Bell.....Mar. 24, 1923
Mar. 24, 1923—S HOLLOWAY AVE 25 E Plymouth Ave E 25xS 100. The McCarthy Co to James Arnott & Son.....March 21, 1923
Mar 24 1923—COMG 150 S Cement th 127-6 W 50 S. 127-6 E. 50 N to beg. Strand & Strand to whom it may concern.....Mar. 23, 1923
Mar 24, 1923—LOT 15 BLK 25, St. Francis Wood Extn No 2. Martin A Roth to Ernest Swanson.....March 20, 1923
Mar. 24, 1923—W SINTENTH AVE 125 N Fulton 25x120. H L Coles to Emil Nelson.....March 13, 1923
Mar. 24, 1923—E FOURTH AVE 62-6 S Cabrillo S 25xE 87-6 Nellie B Coleman to John Harder.....March 22, 1923
Mar 26, 1923—E THIRTY-FIFTH AV 175 N Balboa 25x120. Edwin and Emma C Wittmer to whom it may concern.....Mar. 26, 1923
Mar. 26, 1923—E SEVENTEENTH AV 262 and 287-6 S Balboa. J W Edmonds to Meyer Bros..Mar 23, 1923
Mar 26 1923—W THIRTY-EIGHTH Ave 175 N Anza N 150xW 120... Meyer Bros to whom it may concern.....March 23, 1923
Mar. 26, 1923—E THIRD AVE 134-6¾ S Cabrillo S 25xE 120. Reinhold Frommer to Daniel L. Bienfield.....March 23, 1923
Mar 26 1923—S FOLSOM 275 E 6th S 85 E 50 S to pt 3.5 from E 6th E 25 N 165 W 75 W C Brumfield to R J H Forbes.....Jan. 24, 1923
Mar 26, 1923—NW FOLSOM AND Dore SW 50xNW 125. John Cassaretto to R J H Forbes Mar. 22 1923
Mar 27 1923—E TWENTIETH AVE 250 N California N 26 E 120. Irving Gottheim to B Lieoman.....March 16, 1923
Mar. 27, 1923—E TWENTIETH AVE 270 S Irving S 30xE120. John F and Ellen M Daly to J W Gilloglev.....March 21, 1923
Mar. 27, 1923—W TWENTY-THIRD Ave 30 S Cabrillo S 25xW 107-6. H O Lindeman to W R Lindeman.....March 26, 1923
Mar. 27, 1923—E FORTY-FOURTH Ave 84. 32 and 58 S Cabrillo S 26xE 75. David Leigh to whom it may concern.....Mar. 26, 1923
Mar. 27, 1923—SE BARTLETT AND Twenty-fourth 60x100. J H Verner to whom it may concern. Mar. 27, 1923
Mar. 28, 1923—LOT 27 150 N of Ashton Ave. A Marlin to whom it may concern.....Mar. 28, 1923
Mar. 28, 1923—S CALIFORNIA 27-6 W Laguna 27-6x107-6. J Weisbaum to whom it may concern.....March 28, 1923
Mar. 28, 1923—FOURTH & BERRY. Southern Pacific Co to Michel & Pfeffer Iron Works....Mar. 20, 1923
Mar. 28, 1923—W ELEVENTH AVE 250 N Cabrillo N 25x120. Alfred T Morris to whom it may concern.....March 27, 1923
Mar. 28, 1923—E FIFTEENTH AVE 25 N Judah N 25xE 100. John E and Ethel M McCarthy to whom it may concern.....Mar. 27, 1923
Mar. 28, 1923—N GREEN 184-1 4/5 W Van Ness Ave W 27-6xN 137-6. Margaret McPartland to Wm McIntosh.....Mar. 22, 1923
Mar. 28, 1923—LOT 12 BLK 31. Ingleside Terrace. Alfred Schafer to whom it may concern..Mar. 26, 1923
Mar. 28, 1923—BLK BDED.by Mission, Silver Ave and Lisbon. Hebrew Home for Aged Disabled to J L Raphield Roofing Co and P Grassi & Co.....March 20, 1923
Mar. 28, 1923—SW TARAVAL AND Thirty-fourth Ave W 32-6xS 100. Parkside Realty Co to whom it may concern.....Mar. 28, 1923

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Amount

Mar. 23, 1923—E TWENTIETH AVE 250 S Clement S 25xE 120. T I Butler vs Josephine F and L A Melbourne, J E Hamilton & Wesley T Costello.....$83.70
Mar. 24, 1923—S HENRY 180 E Noe E 25xS 115. J H Herbst and Michael Cosmos vs Martin and Sophie Christiansen and G M Lee.....$870.43
Mar 26, 1923—E TWENTY-SEVENTH Ave 132-6 S Balboa S 25xE 100. Leonard Lumber Co vs J M Johnson.....$328.19
Mar. 26, 1923—BLK BDED ON N by Vicente, on E by 21st Ave, on S by Wawona and on E by 20th Ave. Achille Brunicardi vs Fink & Schindler Co and A Campargue..$700
Mar. 26, 1923—E FUNSTON AVE 100 N Geary N 25xE 120. Magner Bros vs Charles Schmidtz.....$82.46
Mar. 27, 1923—SE MARKET 275 NE Eighth SE 200 NE 25 SE 75 NE 25 SE 75 SW 50 SE 10 SW 275 NW 160-2 NE 180 NW 25 NE 25 NW 75-1 NE 70. J A Mohr & Son vs A F Rousseau and Marian Realty Co.....$4121.11
Mar. 27, 1923—N CALIFORNIA 192-6 W Hyde W 25xN 137-6. Hamilton & Costello vs Pierre and Catherine Lacomme and Claudine L Costello.....$5000

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded Amount

Mar 23, 1923—N O'FARRELL 137-6 W Jones N 137-5xW 52. Detroit Graphite Co to Carl H Peterson...
Mar. 24, 1923—N O'FARRELL 137-6 W Jones N 137-6xW 52. Caldow Paint Co to J E Berghauser or Carl H Peterson.....

CESSATION OF LABOR

SAN FRANCISCO COUNTY

Mar. 24, 1923—NE FILBERT AND Lyon. Chauncey F Tramutolo with Hamilton & Costello.....

RELEASE OF BUILDING CONTRACT

SAN FRANCISCO COUNTY

Mar. 26, 1923—SE ELEVENTH AVE and Clement. Golden Rule Invst Co and Samuel Blum with S Steinauer.....

BUILDING CONTRACTS

ALAMEDA COUNTY

$1,000 and Over Reported

The following is an index for the contracts for this issue:

No.	Owner	Contractor	Amt.
1407	Franks	Owner	14000
1408	Washington	Butterfield	12000
1409	Lamb	Owner	5000
1410	Mortimer	Henry	30000
1411	Burritt	Owner	245000
1412	Muhs	Van Nes	3500
1413	Van Ness	Owner	4800
1414	Albright	MacGregor	5509
1415	Sprague	Owner	4800
1416	Marshall	Owner	6000
1417	Hufschmidt	Owner	7000
1418	Luff	Cuthbertson	8250
1419	Gossett	Owner	5200
1420	Anderson	Dennis	2000
1421	Brennan	Flittner	3600
1422	Moore	Allen	1000
1423	Peppin	Owner	5000
1424	Drost	Owner	3000
1425	Peppin	Owner	8500
1426	Buzzialina	Vaughn	13000
1427	Williams	Kurtz	2750
1428	Kick	Owner	2000
1429	Schleuter	Boeddeker	7500
1430	Hook	Tollefsen	7000
1431	Rose	White	4291
1432	Nobmann	Wieben	5182
1433	Graves	Owner	4000
1434	Palmer	Zeile	3000
1435	Heath	Owner	4100
1436	Shapero	Strachan	1000
1437	Felt	Owner	2400
1438	Money	Francisco	2000
1439	Money	Francisco	3000
1440	Anderson	Owner	1500
1441	Finch	Van Horn	3000
1442	Fetric	Russell	2400
1443	Sarkisian	Horton	1250
1444	Mann	Owner	10000
1445	Cannon	Muller	38000
1446	Jacobsen	Skaggs	5000
1447	Hodge	Owner	3000
1448	Hudson	Owner	4000
1449	Walker	Owner	6000
1450	Esola	Lundgren	3000
1451	Humphrey	Owner	3500
1452	Eska	Owner	4000
1453	Fabiola	Turner	10420
1454	Fabiola	Scott	24100
1455	Fabiola	NePage	7450
1456	Lunt	Fish	3800
1457	Birchall	Fish	7800
1458	Porter	Theile	4800
1459	Fortier	Ventre	3500
1460	Gardner	Gardner	2700
1461	Brace	Owner	2000
1462	Chick	Noble	3000
1463	Standard	Owner	2500
1464	Nobmann	Wieben	4500
1465	Jenkins	Kung	3000
1466	Palmer	Randlett	7775
1467	Niel	Owner	1800
1468	Gomez	Stolte	4495
1469	Moffer	Kopf	3000
1470	Noble	Owner	3000
1471	Associated	Owner	2000
1472	Kane	Allan	3000
1473	Rankin	Bremer	3500
1474	Swensen	Williford	3950
1475	Baldwin	Henderson	10000
1476	Van Duyne	Pratt	2500
1477	Larcher	Denton	4000
1478	Soda	Owner	2000
1479	Collison	Owner	2000
1480	German	Wegner	6000
1481	Anderson	Owner	3000
1482	Reinhart	Wells	4000
1483	Abercrombie	Owner	3000
1484	Nielsen	Owner	6000
1485	Mattson	Blethroad	4800
1486	Witt	Laugtry	5000
1487	Armour	Owner	3000
1488	Richmond	Owner	2500
1489	Anderson	Owner	3000
1490	Oakland	Duval	4000
1491	Button	Owner	12000
1492	Andrews	, Brown	4000
1493	P. G. & E.	Cort	921
1194	Cianclamlo	Perona	10466
1195	Oakland	Hudson	6630
1496	Schabat	Underwood	1000
1497	Wilson	Owner	7000
1498	Rivers	Horlick	8000
1499	American	Lawton	15000
1500	Nelson	Owner	6000
1501	Bertoldi	Owner	5000
1502	Smith	Owner	8400
1503	De Vincenzi	Sigwald	4500

1504	Koski	Owner	5000
1505	Anderson	Owner	4900
1506	Roberts	Hovey	3500
1507	Shultze	Larmer	7160
1508	Nelson	Nichols	4000
1509	Moe	Owner	5850
1510	Sheehan	Maurer	10000
1511	Clinkenbeard	Owner	10000

APARTMENTS
(1407) 2629-31 REGENT ST., Berkeley. 2-story 16-room apartments.
Owner—P. H. Franks, 2839 Ellsworth St., Berkeley.
Architect—None. $14,000

STATION
(1408) 2603-09 SHATTUCK, Berkeley. 1-story tile auto sales & battery station.
Owner—Martha Washington, 2250 Fulton Berkeley.
Architect—None.
Contractor — F. P. Butterfield, 2488 Shattuck Ave., Berkeley. $12,000

DWELLING
(1409) 820 ALAMEDA, Berkeley. 1-sto 6-room dwelling.
Owner—E. R. Lamb, 1016 16th St., Oakland.
Architect—None. $5000

APARTMENTS
(1410) 1814 TO 1828 EUCLID, Berkeley. 2-story stores and apartments.
Owner—W. J. Mortimer.
Architect—G. T. Buckingham, 530 Bush St., San Francisco.
Supt.—W. W. Henry, 1809 Euclid Ave., Berkeley. $30,000

DWELLINGS
(1411) NO. 2701-12-60-15-21-27-33, 2901 07-15-21-27-33-35 BEST AVE, Okd. No. 2607, 2739-45-51-57-63-56-62; No. 2706-12-20-26-32-38-44-50; No. 2636-42-48 MAXWELL AVE, Okd. No. 5006 FLEMING AVE., Oakland. No. 2707-15-21-27; 2812-18 KINGSLAND AVE., Oakland.
No. 2739-45-51-61-63; 2800-06-12-18 39 RAWSON AVE., Oakland.
Fifty one-story frame dwellings.
Owner—Burritt & Shealey, 2716 Kingsland Ave., Oakland.
Architect—None. $4900 each

DWELLING
(1412) E PARK BLVD. 582 N Hollywood, Oakland. One-story 5-room dwelling.
Owner—Mrs. Mary Muhs, 528 28th St., Oakland.
Architect—None.
Contractor—L. E. Van Ness, 2536 Hopkins St., Oakland. $3500

DWELLING
(1413) E PARK BLVD. 622 N Hollywood, Oakland. Two-story 7-room dwelling.
Owner—L. E. Van Ness, 2536 Hopkins St., Oakland.
Architect—None. $4800

DWELLING
(1414) NO. 387 SANTA CLARA AVE., Oakland. Two-story 7-room dwlg.
Owner—O. Albright, Oakland Bank Bldg., Oakland.
Architect—None.
Contractor—C. M. MacGregor, 470 13th St., Oakland. $5509

DWELLING
(1415) NO. 924 VERMONT ST., Oakland. One-story 6-room dwelling
Owner—J. E. Sprague, 1202 Franklin St., Oakland.
Architect—None. $4800

DWELLING
(1416) NO. 5385 THOMAS, Oakland. One-story 6-room dwelling.
Owner—H. Marshall, 568 Sycamore St., Oakland.
Architect—None. $6000

DWELLINGS
(1417) NO. 3523 & 3531 THIRTEENTH Ave., Oakland. Two one-story 5-room dwellings.
Owner — Walter Hufschmidt, Federal Bldg., Oakland.
Architect—None. $3500 each

DWELLING
(1418) LOT 6 G. W. EMMONS TCT., Alameda. All work except hot water heater and gas furnace for two-story frame dwelling.
Owner—Hale H. and Mignon H. Luff, 1700 Pearl St., Alameda.
Architect—Andrew T. Hass, 2124 Eagle St., Alameda.
Contractor—Thos. A. Cuthbertson, 1766 12th Ave., San Francisco.
Filed Mar. 23, '23. Dated Mar. 13, '23.
Boarded in ..... ¼
Brown coated ..... ¼
Completed and accepted..... ¼
Usual 35 daays..... ¼
TOTAL COST, $8250
Bond, $4125. Sureties, F. W. Roth and J. E. McCullum. Limit, 92 days. Forfeit, $10 a day. Plans and specifications filed.

DWELLING
(1419) NO. 238 OAKLAND AVE., Piedmont. One-story 4-room dwlg.
Owner—C. A. Gossett, 327 Davis Court, San Leandro.
Architect—None. $5200

ALTERATIONS
(1420) NO. 1945 THIRTY-SIXTH AV., Oakland. Alterations.
Owner—A. J. Anderson, Premises.
Architect—None.
Contractor—J. M. Dennis, 847 7th Ave., Oakland. $2000

DWELLING
(1421) S SCHOOL 170 W Capp, Oakland. One-story 5-room dwelling.
Owner — Emma Brennan, 210 Church St., San Francisco.
Architect—None.
Contractor — Jos. Flittner, 1700 35th Ave., Oakland. $3600

ADDITION
(1422) NO 4159 PIEDMONT AVE., Oakland. Addition.
Owner—Dr. Roy Moore, Premises.
Architect—None.
Contractor—F. E. Allen, 2718 Regent St. Berkeley. $1000

DWELLING
(1423) NO. 950 SCOTT ST., Oakland. One-story 6-room dwelling.
Owner—J. B. Peppin, 851 Trestle Glen Road, Oakland.
Architect—None. $5000

DWELLING
(1424) NO. 3724 LYON AVE., Oakland. One-story 5-room dwelling.
Owner—J. Drost, 3006 Fruitvale Ave., Oakland.
Architect—None. $3000

DWELLINGS
(1425) NO. 958 and 966 SCOTT ST., Oakland. Two one-story 6-room dwellings.
Owner—J. B. Peppin, 851 Trestle Glen Road, Oakland.
Architect—None. $4750 each

FLATS
(1426) W CLAREMONT AVE 200 S Mertin, Oakland. Two-story 16-room flats.
Owner—J. Buzzialina, 5465 Claremont Ave., Oakland.
Architect—None.
Contractor—W. T. Vaughn, 4190 Opal St., Oakland. $13,000

ADDITION
(1427) NO. 148 BAYO VISTA AVE., Oakland. Addition.
Owner—C. A. Williams, Premises.
Architect—None.
Contractor—F. A. Kurtz, 711 54th St., Oakland. $2750

DWELLING
(1428) S AVENAL AVE opp. 61st Ave., Oakland. One-story 4-room dwlg.
Owner—Paul Louis Kick, 2325 Humboldt Ave., Oakland.
Architect—L. F. Hyde, 2625 26th Ave., Oakland. $2000

APARTMENTS
(1429) SW CONGRESS AND YGNACIO Oakland. Two-story 13-room apartments and stores.
Owner—Adolph Schleuter, 1268 47th Ave., Oakland.
Architect—None.
Contractor—Jos. Boeddcker, 1814 34th Ave., Oakland. $7500

DWELLING
(1430) NE 50 COR. SANTA RAY AND Viona Sts., Oakland. All work for one-story and basement frame dwelling.
Owner—Beverly B. Hook, 1421 Naples St., San Francisco.
Architect—None.
Contractor—C. Tollefsen, 836 Mead Ave., Oakland.
Filed Mar. 24, '23. Dated Mar. 19, '23.
Contractor or owner pays bills when due .....
TOTAL COST up to $7000
Bond, none. Limit, 85 days. Forfeit, $8 a day. Plans and specifications filed.

DWELLING
(1431) CENTERVILLE. All work for one-story 5-room dwelling and garage.
Owner—Antone P. Rose Jr., 2120 66th Ave., Oakland.
Architect—None.
Contractor—Manuel White.
Filed Mar. 24, '23. Dated ——.
Frame up $1000.00
Roof on 1250.00
Plastered 1250.00
Usual 35 days..... 791.50
TOTAL COST, $4291.50
Bond, limit, forfeit, plans and specifications, none.

DWELLING
(1432) NE BAYO VISTA AND MONTE Vista Aves., Alameda. All work except heating for one-story dwlg.
Owner—Clarence J. and Myrtle G. Nobmann, 1505 Broadway, Oakland.
Architect—Andrew F. Hass, 216 Fremont St., San Francisco.
Contractor—Alex C. Wieben, 839 Rosemont Ave., Oakland.
Filed Mar. 22, '23 Dated Mar 20, '23.
Sheathed and brown coated..... ¼
Exterior plastered ..... ¼
Completed and accepted..... ¼
Usual 35 days..... ¼
TOTAL COST, $5152
Bond, $2700. Sureties, Christ A. Wieben and Elizabeth Kennedy. Limit, June 23. Forfeit, none. Plans and specifications filed.

DWELLING
(1433) NO. 1361 HEARST AVE., Berkeley. One-story 5-roorm dwlg.
Owner—M. P. Graves, 1907 University Ave., Berkeley.
Architect—None. $4000

DWELLING
(1434) NO. 1638 LINCOLN, Berkeley. One-story 5-room dwelling.
Owner—Painter, 1641 Lincoln St., Btrkelely.
Architect—None.
Contractor—C. Zeile, 2544 Melvia St., Berkeley. $3000

DWELLINGS
(1435) NO. 1516 and 1520 PARKER St., Berkeley. Two one-story 4-room dwellings.
Owner—G. K. Heath.
Architect—None. $2000 each

ALTERATIONS
(1436) NO. 1389 ROSE ST., Berkeley. Alterations.
Owner—S. M. Shapero, 1383 Rose St., Berkeley.
Architect—None.
Contractor—D. R. Strachan. $1000

DWELLING
(1437) NO. 2326 JEFFERSON, Berkeley. One-story 5-room dwelling.
Owner — R. D. Felt, 2432 McGee St., Berkeley.
Architect—None. $2400

DWELLING
(1438) 1225 NINETY-NINTH AVE., Oakland. 1-story 4-room dwelling.
Owner—M. Money.
Architect—None.
Contractor—C. B. Francisco, 1470 87th Ave., Oakland. $2000

DWELLING
(1439) 1221 NINETY-NINTH AVE., Oakland. 1-story 5-room dwelling.
Owner—M. Money.
Architect—None.
Contractor—C. B. Francisco, 1470 87th Ave., Oakland. $3000

DWELLING
(1440) 5478 CLAREMONT AVE., Oakland. 1-story 4-room dwelling.
Owner—J. P. Anderson, premises.
Architect—None. $1500

DWELLING
(1441) S TODD ST 110 W 73rd Ave., Oakland. 1-story 6-room dwelling.
Owner—R. W. Finch, premises.
Architect—None.
Contractor—D. W. Van Horn 5935 Murtania Ave., Oakland. $3000

DWELLING
(1442) 3521 SUTTER ST., Oakland. 1-story 4-room dwelling.
Owner—J. W. Petric, 3519 Sutter St., Oakland.
Architect—None.
Contractor—C. A. Russell, 3528 Porter St., Oakland. $2400

DWELLING
(1443) 3864 THIRTY-FIFTH AVE., Oakland. 1-story 3-room dwelling.
Owner — Nick Sarkisian, 581 9th St., Oakland.
Architect—None.
Contractor—Jas. D. Horton, 581 9th St Oakland. $1250

FLATS
(1444) W SECOND AVE. 38 N E-15th St., Oakland. 2-story 12-room flats.
Owner—Geo. P. Mann, 1222 5th Ave., Oakland.
Architect—A. W. Smith, 1010 Broadway Oakland. $10,000

APARTMENTS
(1445) E MADISON ST. 100 N 15th St., Oakland. 2-story 32-room apts.
Owner—I. C Cannon, Syndicate Bldg., Oakland.
Architect—None.
Contractor — F. A. Muller, Syndicate Bldg., Oakland. $38,000

FLATS
(1446) E GROVE ST. 30 S 34th St., Oakland. 2-story 8-room flats.
Owner—C V. Jacobsen, 3312 Grove St., Oakland.
Architect—None.
Contractor—J. H. Skaggs, 536 44th St., Oakland. $5000

ADDITION
(1447) 1711 E-FOURTEENTH ST Okd. Addition.
Owner—John R. Hodge, premises.
Architect—None. $3000

DWELLING
(1448) 437 ATHOL AVE., Oakland. 1-story 6-room dwelling.
Owner—Charles Hudson, 671 Hudson St Oakland.
Architect—None. $4000

DWELLINGS
(1449) NO. 1673 A..D 1685 HOPKINS St., Oakland. Two one-story 5-room dwellings.
Owner—W. A. Walker, 545 17th St., Oakland.
Architect—None. $300 each

DWELLING
(1450) S FORTY-SIXTH ST 300 W Grove, Oakland. One-story 4-room dwelling
Owner—J. and A. Esola, 702 45th St., Oakland.
Architect—None.
Contractor—Henry Lundgren, 1110 Parker St., Berkeley. $3000

DWELLING
(1451) E MADERA 275 N Fleming, Oakland. One-story 5-room dwlg.
Owner—Sam Humphrey, 5739 Telegraph Ave Oakland.
Architect—None. $3500

DWELLING
(1452) E PARK BLVD 500 N San Luis, Oakland. One-story 5-room dwelling.
Owner—D Eska and Jos L. Mortensen, 330 Van Buren Ave, Oakland.
Architect—Geo. O'Brien, Bacon Bldg Oakland. $4000

HEATING SYSTEM
(1453) NE MOSS AND BROADWAY N 178.75 E 150 N 250 S 413 W 322-8, Oakland Steam heating system for four-story and basement hospital.
Owner—Fabiola Hospital Association, Premises.
Architect—Geo. W Kelham, Sharon Bldg., San Francisco.
Contractor—The Turner Co., 272 Natoma St San Francisco.
Filed Mar. 26, '23 Dated Mar. 16 '23. On 10th of each month 75%
Equal 35 days. 25%
TOTAL COST, $16,[illegible]
Bond, $5210 Surety, Fidelity & Deposit Co Limit. Sept 15 1923 Forfeit, none. Plans and specifications filed.

(1454) PLUMBING ON ABOVE
Contractor—Scott Co
Filed Mar. 26, '23 Dated Mar 17 '23
Payments same as above . . .
TOTAL COST $21,100
Bond, $12,050. Sureties, New Amsterdam Casualty Co. Limit. Sept. 15, '23. Forfeit, none. Plans and specifications filed.

(1455) ELECTRIC WORK ON above.
Contractor—Ne Page McKenny Co., 589 Howard St., San Francisco.
Filed Mar. 26, '23. Dated Mar. 19, '23. Payments same as above. . . . . .
TOTAL COST, $7450
Bond, $3725. Sureties, Union Indemnity Co. Limit. Sept. 15, 1923. Forfeit, none. Plans and specifications filed.

DWELLING
(1456) NO. 1736 BROADWAY, Alameda. One-story 5-room dwelling.
Owner—Geo. A. Lunt, 2410 Central Ave., Alameda.
Architect—None.
Contractor—M. H. Fich, 1333 Fountain St., Alameda. $3800

DWELLINGS
(1457) HIGH ST., Alameda. Two one story 5-room dwellings.
Owner—J. M. Birchall.
Architect—None.
Contractor—M. H. Fich, 1333 Fountain St., Alameda. $3900 each

DWELLING
(1458) NO. 915 UNION ST., Alameda. One-story 6-room dwelling.
Owner—A. W. Porter, 1826 San Jose Ave., Alameda.
Architect—None.
Contractor—F. J. Theile, 2905 Madison St., Alameda. $4800

DWELLING
(1459) NO. 724 TAYLOR AVE., Alameda. One-story 5-room dwelling.
Owner—H. E. Fortier, 703 Central Ave., Alameda .
Architect—None.
Contractor—Jas. Ventre, 1861 Elm St., Alameda. $3500

DWELLING
(1460) NO. 1030 COLLEGE AVE., Alameda. One-story 4-room dwelling.
Owner — V. S. Gardner, 2269 Encinal Ave., Alameda.
Architect—None.
Contractor—R. F. Gardner, 2269 Encinal Ave., Alameda. $2700

ADDITION
(1461) NO. 730 CENTRAL AVE., Alameda. Addition.
Owner—A. W. Brace, Premises.
Architect—None. $2000

DWELLING
(1462) NO. 2156 CLINTON AVE., Alameda. Two-story dwelling.
Owner—H. E. Chick, 2152 Clinton Ave., Alameda
Architect—None .
Contractor—G. H. Noble, 2205 Santa Clara Ave., Alameda. $3000

OFFICE
(1463) ESTUARY W Webster St., Alameda. Office.
Owner—Standard Coal Co.
Architect—None. $2500

DWELLING
(1464) NO. 3235 BAYO VISTA, Alameda. One-story 5-room dwelling.
Owner — Clarence Nobmann, 1505 Broadway, Alameda.
Architect—None.
Contractor—Alex C. Wieben, 839 Rosemount Road, Oakland. $4500

DWELLING
(1465) NO. 1611 BROADWAY, Alameda. One-story 5-room brick dwelling.
Owner—Thomas Jenkins, 1824 Pearl St., Alameda.
Architect—None.
Contractor — Geo. W. King, 2054 Alameda Ave., Alameda. $4000

DWELLING
(1466) SAN JOSE AVE., Alameda. Seven-room dwelling.
Owner—W. S. Palmer.
Architect—A. W Smith, 1010 Broadway, Oakland.
Contractor E. A Randlett, 1534 Chestnut, Alameda. $7775

DWELLING
(1467) NO 768 BUENA VISTA AVE., Alameda. One-story 3-room dwlg.
Owner—J. J. O'Niel, 766 Buena Vista Ave., Alameda.
Architect—None. $1800

DWELLING
(1468) NO. 1500 BUENA VISTA AVE., Alameda. One-story 6-room dwlg.
Owner—Antone Gomez, Foot Jay St., Alameda.
Architect—None.
Contractor—F. C. Stolte, Oakland. $4495

DWELLING
(1469) NO. 818 PACIFIC AVE., Alameda. One-story 4-room dwelling.
Owner—L. Moffei, Premises.
Architect—None.
Contractor—Ben F. Kopf, 845 Pacific Ave., Alameda. $3000

DWELLING
(1470) NO. 2623 CALHOUN ST., Alameda. One-story 5-room dwelling.
Owner—G. H. Noble, 2205 Santa Clara Ave., Alameda.
Architect—None. $3000

STORE ROOM
(1471) NO. 2395 WEBSTER ST., Alameda. Two-room steel store room.
Owner—Associated Oil Co.
Architect—None. $2000

DWELLING
(1472) LINCOLN AVE., Alameda. One story 5-room dwelling.
Owner—Mary A. Kane.
Architect—None.
ContractorM. Allan. $3000

DWELLING
(1473) NO. 1804 LINCOLN AVE., Alameda. One-story 5-room dwelling.
Owner—J. L. Rankin, 6082 Claremont Ave., Oakland.
Architect—None.
Contractor—L. T. Bremer, 1720 Capistrano St., Oakland. $3500

DWELLINGS
(1474) NO. 1131, 1135 & 1137 FOUNtain St., Alameda. Three one-story 5-room dwellings.
Owner—F. A. Swensen.
Architect—None.
Contractor — Howard Williford, 3265 Central Ave., Alameda. $3950

DWELLING
(1475) NO. 220 TUNNEL ROAD, Berkeley. Two-story 8-room dwlg.
Owner—Edith R. Baldwin.
Architect—None.
Contractor—E. F. Henderson, 5744 Keith Ave., Oakland. $10,000

DWELLING
(1476) NO. 237 PARKER ST., Berkeley One-story 4-room dwelling.
Owner — Mrs. E. M. Van Duyne, 2070 Dwight Way, Berkeley.
Architect—None.
Contractor—G. T. Pratt, 1109 Amador Ave., Berkeley. $2500

DWELLING
(1477) NO. 1175 OXFORD ST., Berkeley. Two-story 5-room dwlg.
Owner—Emma Larcher, 1165 Oxford St., Berkeley.
Architect—None.
Contractor—L. D. Denton, 1425 Walnut St., Berkeley. $4000

STORES
(1478) 6324 26 SAN PABLO AVE., Oakland. 1-story 5-room stores.
Owner—A. Soda, 1139 65th St., Oakland.
Architect—None. $2000

DWELLING
(1479) 1180 SIXTY-FIRST AVE., Oakland. 1-story 4-room dwelling.
Owner—H. W. Collison, 2041 Harrington Ave., Oakland.
Architect—None. $2000

ALT. & ADD.
(1480) HOPKINS AND E-THIRTY-Eighth St., Oakland. Alt. & Add.
Owner—German Old Peoples Home.
Architect—None.
Contractor—H. Wegner, 3136 College Ave. Berkeley. $6000

DWELLING & STORE
(1481) 2254 SIXTY-SECOND Ave., Oakland. 1-story 5-room dwelling and store.
Owner—A. T. Anderson, 2248 62nd Ave., Oakland.
Architect—None. $3000

DWELLING
(1482) SE COR SIXTY-THIRD AND Avenal, Oakland. 1-story 5-room dwelling.
Owner—Mary Reinhart, Oakland.
Architect—None.
Contractor—F. P. Wells, 4034 Porter St., Oakland. $4000

DWELLING
(1483) 6141 HAYES ST., Oakland. 1-story 4-room dwelling.
Owner—Abercrombie & Sonners; 2303 62nd Ave., Oakland.
Architect—None. $3000

ADDITION
(1484) 3566 DIMOND AVE., Oakland. Addition.
Owner—N. Nielsen, premises.
Architect—None. $6000

DWELLING
(1485) 6101 ROCKRIDGE BLVD SO., Oakland. 1-story 6-room dwelling.
Owner—C. J. A. Mattson, 1509 Henry St Berkeley.
Architect—None.
Contractor—D. T. Blethroad 1453 Henry St., Berkeley. $4800

DWELLING
(1486) E KENYON RD. 100 S Prospect Oakland. 1-story 5-room dwelling.
Owner—H. Witt, 1448 11th St., Oakland
Architect—None.
Contractor—J. R. Dangtry, 739 Aileen St., Oakland. $5000

DWELLING
(1487) SE COR SEVENTY-THIRD AV and Sunkist Drive, Oakland. 1-story 3-room dwelling.
Owner—Robert Armour, Box 770 R. F. D. No. 1, Oakland.
Architect—None. $3000

GARAGE
(1488) W MARKET 250 N 14th St., Oakland. 2 1-story tile gar.
Owner—Roy R. Richmond, 1711 Market St., Oakland.
Architect—None. $2500

DWLG. & STORE
(1489) 2258 MILLS ST., Oakland. 1-story 4-room dwlg. & store.
Owner—A. T. Anderson, 2248 62nd Ave. Oakland.
Architect—None. $3000

BANK
(1490) NW COR E-FOURTEENTH ST. and 45th Ave., Oakland. 1-story brick and concrete bank.
Owner—The Oakland Bank, 12th and Broadway, Oakland.
Architect—None.
Contractor—Oliver Duval & Son, Daziel Bldg., Oakland. $40,000

FLATS
(1491) W MATHER ST 280 S Gilbert, Oakland. 2-story 12-room flats.
Owner—Frank Button, 270 Mather St., Oakland.
Architect—None. $12,000

DWELLING
(1492) 6465 SAN PABLO, Oakland. 1-story 6-room dwelling.
Owner — Z. Andrews, 920 Folger St., Berkeley.
Architect—None.
Contractor—M. Brown, 1922 E-14th St., Oakland. $4000

DWELLINGS
(1493) NEWARK SUBSTATION, Alameda County. Plumbing for three one-story dwellings.
Owner—Pacific Gas & Electric Co.
Architect—None.
Contractor—Geo. A. Coit Hardware Co. Centerville.
Filed Mar. 27, '23. Dated Mar. 10, '23.
Completed 75%
Usual 35 days 25%
TOTAL COST, $921.81
Bond, $465. Surety, National Surety Co. Limit, 14 days. Forfeit, none. Plans and specifications filed.

BUILDING
(1494) S 49.8 LOT 8 BLK "A" Map Elmwood Park, Berkeley. All work for one-story hollow tile building.
Owner—B. Cianciamio, 1016 Castro St., Oakland.
Architect—A. W. Smith, 1010 Broadway, Oakland.
Contractor—John Perona, 570 7th St., Oakland.
Filed Mar. 27, '23. Dated Mar. 27, '23
Ready for ceiling joists.....$2000
Roof completed 2000
Brown coated 2000
Completed and accepted..... 1766
Usual 35 days..... 2700
TOTAL COST, $10,466
Bond, $3000. Sureties, B. DeLucis and F. Dehr. Limit, 85 days. Forfeit, none. Plans and specifications filed.

OFFICE BLDG., ETC.
(1495) E BROADWAY 55 N Twelfth St. N 45xE 100 Oakland. Metal lathing and furring for seventeen-story Class A bank and office bldg.
Owner—The Oakland Bank.
Architect — Reed & Corlett, Oakland Bank of Savings Bldg., Oakland
Contractor—George Hudson (National Lathing Co.), 681 Market St., S. F.
Filed Mar. 27, '23. Dated Mar. 24, '23.
10th day of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $6630
Bond, $3315. Surety, Fidelity & Deposit Co. Limit, June 1, 1923. Forfeit, none. Plans and specifications filed.

DWELLING
(1496) NO. 1914 HOPKINS, Berkeley. One-story 4-room dwelling.
Owner—E. A. Schabat, 2808 Dohr St., Berkeley.
Architect—None.
Contractor—H. L. Underwood, 2808 Dohr St., Berkeley. $4000

STORES
(1497) NO. 2992-96-98 COLLEGE AVE., Berkeley. One-story concrete stores
Owner—Leslie R. Wilson, 2216 Blake St., Berkeley.
Architect—Hutchinson & Mills, Pacific Bldg., Oakland. $7000

DWELLINGS
(1498) NO. 1608 AND 1612 BONITA ST Berkeley. Two one-story 5-room dwellings.
Owner—J. J. Rivers, 1029 36th Sa., Oakland.
Architect—None.
Contractor—H. L. Houck, 4609 Dolores Ave., Oakland. $4000 each

ALTERATIONS
(1499) SW BANCROFT AND TELEgraph Ave., Berkeley. Alterations.
Owner—American Bank.
Architect — Edw. T. Foulkes, Crocker Bldg., San Francisco.
Contractor—Lawton & Yezey, 351 12th St., Oakland. $15,000

DWELLING
(1500) 1436 BARROWS RD., Okd. 1-story 6-room dwelling.
Owner—O. E. Nelson, 2634 Highland Ave., Piedmont.
Architect—None. $6000

DWELLING
(1501) E WESLEY AVE. 100 N Cleveland, Oakland. 1-story 6-room dwlg
Owner—J. Bertoldi, 5628 Vicente St., Oakland.
Architect—None. $5000

DWELLINGS
(1502) S FOOTHILL BLVD 63-103-143 E-77th Ave., Oakland. 3 1-story 5-room dwellings.
Owner—R. A. Smith, 1757 82nd Ave., Oakland.
Architect—None. $2800 ea.

DWELLING
(1503) 2441 38th Ave., Oakland. 1-sto. 5-room dwelling.
Owner—L. C. De Vincenzi, 1486 Kains Ave., Berkeley.
Architect—None.
Contractor—J. W. Segwald, 3927 Agua Vista Ave., Oakland. $4500

DWELLING
(1504) SW COR MONTE VISTA AND Robley Terrace, Oakland. 1-story 8-room 2-fam. dwelling.
Owner—Matt L. Koski, 47 Ramona Ave. Oakland.
Architect—None. $5000

DWELLING
(1505) 579 ATHOL AVE., Oakland. 2-story 6-room dwelling.
Owner—C. F. Anderson, 355 12th St., Oakland.
Architect—None. $4900

DWELLING
(1506) 3066 ARKANSAS ST., Oakland. 1-story 5-room dwelling.
Owner—Raymond Roberts, 3126 Maine St., Oakland.
Architect—none.
Contractor—C. E. Hovey, 3145 Peralta Ave., Oakland. $3500

STORES
(1507) SW COR AILEEN & GROVE Sts., Oakland. 1-story brick stores.
Owner—J. L. Shultze, Oakland.
Architect—None.
Contractor—Edw. Larmer, 90 Fairview Ave., Oakland. $7160

DWELLING
(1508) N SANTA ROSA 60 E Oakland Ave., Oakland. 1-story 5-room dwlg
Owner—Dr. N. J. Nelson, 696 Mariposa Ave., Oakland.
Architect—None.
Contractor—A. L. Nichols, Knox Bldg., San Jose. $4000

DWELLING
(1509) 703 BROOKWOOD RD. Oakland 1-story 6-room dwelling.
Owner—Samuel Moe, 2125 9th Ave., Okd
Architect—None. $5850

DWELLING
(1510) 820 EXCELSIOR AVE. Oakland 2-story 8-room dwelling.
Owner—J. H. Sheehan, 322 Clifton St., Oakland.
Architect—None.
Contractor—G. J. Mauer Co., 177 Ridge-Way, Oakland. $10,000

APARTMENTS
(1511) NW COR. FORTY-SECOND & Grove Sts., Oakland. 2-story 12-rm. apartments.
Owner—J. Clinkenbeard, 4244 Grove St., Oakland.
Architect—None. $10,000

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Accepted

Mar. 23, 1923—HAYWARD. Roman Catholic Archbishop of S. F. to E Normensen.....Mar. 19, 1923
Mar. 23, 1923—SEVENTH AND WEBster, Oakland. S. P. Co to Hutchinson Co ....Mar. 14, 1923
Mar. 23, 1923—(1) FRANKLIN bet. 20th and 21st Sts., Oakland; (2) Shattuck and University Aves., Berkeley. S. P. Co to Hutchinson Co.....March 21, 1923
Mar. 23, 1923—NW NINTH AVE 100 NE E-24th St. NE 40xNW 120, Oakland. Clarence K Nichols to whom it may concern.....Mar. 22, 1923
Mar. 23, 1923—S PERRY 50 E Laguna, Oakland. Louise Du Bois Smith to Sommarstrom Bros Co.....March 23, 1923
Mar. 23, 1923—NO. 5824-28-36 FOOTHill Blvd., Oakland. Roy J Burks to Marshall & Burks..Mar. 23, 1923
Mar. 23, 1923—NO. 1617 HAMPEL ST., Oakland. Margaret C Dunn to J W Monroe.....Mar. 20, 1923
Mar. 23, 1923—LOT 24 BLK 18 Map Northbrae, Berkeley. Ella E Garcia and C L Ely to H C Pfrang.....March 12, 1923
Mar. 23, 1923—LOT 142 CROCKER Highlands, Oakland. G K Bacon to whom it may concern..Mar. 17, 1923
Mar 23, 1923—S ALCATRAZ AVE 560 E Dover E 40 S 105.20 W 40 N 105.10, Oakland. Albert Hammarberg to whom it may concern.....March 22, 1923
Mar 22, 1923—NW 50 LOT 8 BLK 7, Broadmoor, San Leandro. Helen H Bramhall to C M Flewelling.....March 17, 1923
Mar. 24, 1923—E FRUITVALE AVE 155 N Nicol Ave N 78xE 150, Oakland. August and Mary Vlerick to whom it may concern..Mar. 24, 1923
Mar 24, 1923—PTN LOT 19 BLK "H" Map East Piedmont Heights, Oakland. Sara M Gillespie to whom it may concern.....Mar 22, 1923
Mar. 24, 1923—SE SEVENTY-NINTH Ave 143.43 SW Holly SW 40xSE 100, Oakland. Jane Bates to E L Blackman.....March 15, 1923
Mar 24, 1923—PTN PLOT 7 Map Plots 6, 7, 8, Yoakum Tract, Oakland. Henry J and Anna Hermes to Fredrick A Speck .....Mar 22, 1923
Mar 24, 1923—LOT 22 Map Bromley Tract, Oakland. Laura M Cantrip to Nell Fenand.....Mar. 23, 1923

Mar. 24, 1923—W PARCEL LAND described deed recorded Liber 1 Deeds Page 466 NE Ney Aave SE 529.97 fm pt beg NE 143.45 SW 23.45 SW 143.28 NW 73.61, Oakland. Jame J Francis to Henry J Nichols.....Mar. 24, 1923

Mar. 24, 1923—LOT 9 Map Resbdvn Western Ptn Blk 8, Rockridge Park, Oakland. Magdalena Hoge to W J Holland.....Mar. 24, 1923

Mar. 24, 1923—LOT 52 and NE ½ Lot 53 Blk 2 Map Solano Avenue Terrace, Berkeley. Evan D Bramlage to whom it may concern..Mar. 15, '23

Mar. 24, 1923—LOTS 9 AND 10 Map Gem Tract, Oakland. Beverly B Hook to C Tollefsen....Mar. 19, 1923

Mar. 26, 1923—PT. 1101.4 SW. 1338.9 SE. 335 SW from 4x4 post at SE Alameda Farms Sbdvn and SE Cherry Road from pt beg. SW 66 NW 40 NE 60 SE 40, ——. P G & E Co to Hermann Bosch...Mar. 17, 1923

Mar. 26, 1923—LOT 11 BLK 8, Athol Ave., Oakland. Wm L Cosgrove to Isakson & Sons.....Mar. 26, 1923

Mar. 26, 1923—PTN LOTS 2, 3 and 4 Map Maple Terrace, Oakland. F W S Brookes to whom it may concern.....Mar. 26, 1923

Mar. 26, 1923—NO. 4216 TO 4230 inclu. Shafter Ave., Oakland. Carrie S Deacon to McWethy & Greenleaf .....Mar. 21, 1923

Mar. 26, 1923—SW FOURTH AND SE "A" SW 100 SE 212, Hayward. J G Hoag to George Smith.....March 19, 1923

Mar. 26, 1923—S SAN ANTONIO AVE 42.08 W Oak St. W 35.92 S 100, Alameda. Anna Andersen to whom it may concern.....Mar. 24, 1923

Mar. 26, 1923—E OAK 45 N San Antonio Ave, Alameda. R B Mott to Alameda Land Co.....Mar. 26, 1923

Mar. 26, 1923—E FRUITVALE AVE 53 S Hopkins S 54-7¾ E 34 N 54-7 W 34, Oakland. The American Bank F W Maurice....March 1, 1923

Mar. 26, 1923—SW 11 LOT 25 and NE 27 Lot 27 Blk 3 4126 Fitchburg Homestead Lots, Oakland. F E Cline to whom it may concern.....March 26, 1923

Mar. 27, 1923—PTN LOT 30 and all Lots 31, 32 and 33 Blk "D" Map Lincoln Park, Piedmont. George J Maurer to whom it may concern.....March 26, 1923

Mar. 27, 1923—NW KEMPTON AVE 150 SW Moss Ave SW 40xNW 95, Oakland. V Curti to whom it may concern.....Mar. 26, 1923

Mar. 27, 1923—LOTS 14, 23, 24, 25, 26, 27 Blk 31 Kellersbergers Map of Oakland. Hyman Davis to H J Christenson.....Mar. 5, 1923

Mar. 27, 1923—E PTN LOT 220 Map 4th Ave. Terrace Ext. Oakland. Mrs C A Hampel to S G Johnson.....March 17, 1923

Mar. 27, 1923—NE 36 of SW 41 Lot 36 Blk 1, Boulevard Park Tract, Oakland. O R Clark to whom it may concern.....Mar. 26, 1923

Mar. 27, 1923—NE 45 LOT 48 Nova Piedmont Sheet No. 2, Piedmont. W J Baker to whom it may concern.....Mar. 27, 1923

Mar. 27, 1923—LOT 31 BLK "C" 4th Ave Terrace, Oakd. W T Vaughn to whom it may concern..Mar. 23, '23

Mar. 27, 1923—NO. 6812 TRENOR ST., Oakland. A E Orton to whom it may concern.....Mar. 27, 1923

Mar. 26, 1923—NO. 1300 TAMALPAIS Road, Berkeley. Ivan M Linforth to C H Warren.....Mar. 23, 1923

Mar. 28, 1923—NO. 206 PERKINS ST., Oakland. Elmer W West to whom it may concern.....Mar. 27, 1923

Mar. 28, 1923—PTN LOT 129, Alta Piedmont Tract, Piedmont. Wm J H and Elsie M Clendenin to L J Davis.....Mar. 26, 1923

Mar. 28, 1923—LOT 4, Alta Piedmont Tract, Piedmont. C Holtum to C M MacGregor.....Mar. 28, 1923

Mar. 28, 1923—LOT 27 Maple Heights Tract, Oakland. A E Clark to Alder & Clark.....Mar. 28, 1923

Mar. 28, 1923—LOT 15 BLK "M" Map Central Piedmont Tct No. 2, Piedmont. H B Fredericks to Thos Furlong.....Mar. 27, 1923

Mar. 28, 1923—LOT 107 Map Piedmont by-the-Lake, Oakland. Pauline Siminoff to Charles W Short.....March 27, 1923

Mar. 28, 1923—PTN LOTS 15 AND 16 Blk "C" Boulevard Villa Tract, Oakland. Chas Wiren to whom it may concern .....Mar. 28, 1923

Mar. 28, 1923—LOT 7 BLK "C" Map Northbrae Terrace, Berkeley. Hans A Hansson to whom it may concern .....March 27, 1923

Mar. 28, 1923—NO. 2309 ROSEDALE Avel, Oakland. Kizimer Korpov to whom it may concern..Mar. 28, 1923

LIENS FILED

ALAMEDA COUNTY

Recorded	Amount

Mar. 24, 1923—SE THIRTEENTH & Clay E 70xS 100, Oakland. MacDonald & Kahn, Inc vs Gilchrist Furniture Co and George C Gilchrist $213.57

Mar. 26, 1923—LOT 5 BLK "D" Map Waterside Terrace, Alameda. W A Croll vs E E and Hazel M Nicol and J S Ourish $73

Mar. 26, 1923—LOT 4 BLK "D" Map Waterside, Terrace, Alameda. W A Croll vs E E and Hazel M Nicol and J S Ourish.....$73

Mar. 26, 1923—LOT 3 BLK "D" Map Waterside, Terrace, Alameda. W A Croll vs E E and Hazel M Nicol and J S Ourish.....$73

Mar. 26, 1923—LOT 1 BLK "D" Map Waterside, Terrace, Alameda. W A Croll vs E E and Hazel M Nicol and J S Ourish $55

Mar. 26, 1923—LOT 2 BLK "D" Map Waterside, Terrace, Alameda. W A Croll vs E E and Hazel M Nicol and J S Ourish $137.30

Mar. 26, 1923—S CENTRAL AVE 80 W Park Ave, Alameda. E L Blackman Co vs G A Williams and P Bareilles $68.12

Mar. 26, 1923—NE SPENCER AND Seventy third Ave., Oakland. E L Blackman Co vs G A Williams.$72.03

Mar. 27, 1923—LOT 52 BLK 9 Map Steinway Terrace, Oakland. Joseph M Hogan vs L M Billier, B G Bail and J K Khoumrian.....$133.33

Mar 27, 1923—N E-THIRTY-EIGHTH 50 W Division W 50xN 90, Oakland. Joseph M Hogan vs B G Bail and J K Khoumrian.....$133.33

Mar. 27, 1923—NW COR. E-THIRTY-eighth and Division N 90xW 50, Oakland. Joseph M Hogan vs Grace Shoemaker, B G Bail and J K Khoumrian.....$132.33

Mar. 28, 1923—LOT 110 AND SW 12-6 Lot 111 Blk 16, Amended Map Havenscourt, Oakland. M G and R J McGuffin (Fruitvale Elec Co) vs F A Lassen $45

Mar. 28, 1923—LOTS 21, 22 AND 23 Blk "G" Map Foothill Park, Oakland. M G & R J McGuffin (Fruitvale Elec Co.) vs R O McCline..$131

Mar. 28, 1923—LOT 14 BLK 18 MAP Havens Ct., Oakland. A. Euerreiro vs. C. A. Birch and Fidelity Guarantee & Bldg. Loan Society.....$220

Notice of Non-Responsibility

ALAMEDA COUNTY

Mar. 26, 1923—SW HOPKINS 90 SE Loma Vista Ave SE 50 SW to right-of-way San Jose Short Line, Oakland. Alameda Investment Co as to improvements on property.....

ARCHITECT'S CERTIFICATE

ALAMEDA COUNTY

Mar. 27, 1923—Henry August Boese has filed his certificate of architecture for Alameda County.

BUILDING CONTRACTS

FRESNO COUNTY.

$5,000 and Over Reported

DWELLING, $4500; No. 3227 Mono St., Fresno; owner, E. D. Street; contractor, Chas. E. Baker.

DWELLING, $6000; No. 1810 Delmar Ave., Fresno; owner, G. W. Wilkinson Peach Ave., Fresno.

DWELLING and garage, $6500; 3460 Balch Ave., Fresno; owner, Isabel V. Walsh; contractor, C. E. Buckmaster, 4112 Platt Ave., Fresno.

DWELLINGS (3) and garage, $11,700; 1322, 1330, 1338 College Ave., Fresno, owner, K. C. Buwalda, 210 Dennett St., Freano.

DWELLING and garage, $6000; 4057 Kirckhoff Ave, Fresno; owner, O. J. Granz, 1305 I St., Fresno; contractor, C. E. Buckmaster, 4112 Platt Ave., Fresno.

DWELLING and store, $6000; No. 337 West Olive Ave., Fresno; owner, John Dickirico; contractor, J. L. Smith, McKinley Ave., Fresno.

DWELLING, $5000; No. 616 Vasser St., Fresno; owner, F. D. Sweeney, 3242 Alta St., Fresno.

DWELLING, $5500; No. 1343 Wilson Ave., Frseno; owner, A. L. Rogers; contractor, Roy Martin.

COMPLETION NOTICES

FRESNO COUNTY

Recorded	Accepted

Mar. 22, 1923—LOTS 2, 3 & 5 Fresno Heights No., Fresno. C I Leinger to whom it may concern..Mar. 20, '23

Mar. 22, 1923—LOTS 11 AND 12 BLK 3, Torrance Terrace, Fresno. Watkins & Deardorf to whom it may concern.....March 20, 1923

Mar. 22, 1923—N 40 FT. LOT 27, Berryhill Tract, Fresno. Thos. Field to whom it may concern.....March 20, 1923

Mar. 22, 1923—LOT 23 BLK 27, Hazelwood. Leonard Jacobsen to whom it may concern.....Mar. 21, 1923

Mtr. 23, 1923—S ½ LOT 16 and Lot 15 Blk 1, Leona Heights, Fresno. Chas. R Tilden to whom it may concern.....Mar. 21, 1923

Mar. 23, 1923—LOT 10 BLK 1, Parkhurst Western Addition, Sanger. R R Quinn to whom it may concern.....March 17, 1923

Mar. 23, 1923—LOT 17 IN LOT 22 Hayes Addition, Fresno. W S Steafather et ux to whom it may concern.....March 17, 1923

Mar. 24, 1923—N 85 FT. LOT 32 and W 10 ft. Lot 31 Blk 27, Arlington Heights Tract, Fresno. W J Palfrey to whom it may concern.....Mar. 22, 1923

Mar. 24, 1923—LOTS 36 AND 37 BLK 4, Doeding Add'n., Fresno. Resco Stallings et ux to whom it may concern.....Mar. 21, 1923

Mar. 22, 1923—LOTS 16, 17 BLK 6 Torrance Terrace, O. G. Malsbary to whom it may concern..Mar. 26, '23

LIENS FILED

FRESNO COUNTY

Recorded	Amount

Mar. 22, 1923—S ½ LOT 3 in SE ¼ of Sec 30, 14-20, Fresno. L Rosenberg vs Joe Kozera.....$47

Mar. 24, 1923—LOTS 3 AND 4 BLK 2, Dean Add'n., Fresno. Iver Hansen vs E R and Virginia B Torosian $329

Mar. 24, 1923—LOTS 5 AND 6 BLK 3, Fresno Heights No. 2, Fresno. Iver Hansen vs C F Ahlberg....$113

Mar. 24, 1923—LOTS 21, 22 AND 23 Blk 23, Belmont Add'n., Fresno. T O Paint Store,Inc vs C D Armstrong $67

Mar. 24, 1923—LOT 27 (except the S and N 40 ft.), Berryhill Tct, Fresno Barrett-Hicks Co., $74; T O Paint Store, Inc, $90; Valley Electrical Supply Co, $70; M H Holmes, $25; A H Higgins, $46 vs Wm A Wynigear .....

Mar. 24, 1923—N 40 FT. OF S 80 FT. Lot 27, Berryhill Tract, Sunset Lumber Co vs W H Wynigear..$1049

March 27, 1923—LOT 18 ELDORADO Acreage, L. Rosenberg vs. Emma & Olaf Anderson.....$77

BUILDING CONTRACTS

SACRAMENTO COUNTY

$2,500 and Over Reported

DWELLING, one-story 5-room and garage, $2727; No. 2982 33rd St., Sacramento; owner, John Reese, 2922 35th St., Sacramento.

DWELLING, one-story 5-room and garage, $2800; No. 4624 13th St., Sacramento; owner, R. S. Truax, 3027 2nd Ave., Sacramento.

DWELLING, one-story 5-room and garage, $2900; No. 3266 Marshall Way Sacramento; owner, Jas. A. Davis, 3289 Marshall Way, Sacramento; contractor, J. Edenhofer, 3300 2nd Ave., Sacramento.

DWELLING, one-story 4-room and garage, $4050; No. 861 42nd St., Sacramento; owner, P. R. Opdyke, 1009 7th Ave., Sacramento.

DWELLING, one-story 5-room, $3500; No. 1034 Santa Ynez Way, Sacramento; owner, A. Martinelli, 721 P St., Sacramento; contractor, Carl Koch, 3418 L St., Sacramento.

DWELLING, one-story 5-room and garage, $2727; No. 2972 33rd St., Sacramento; owner, John Reese, 2922 35th St., Sacramento.

FLAT building, two-story, $12,000; No. 2827 J St., Sacramento; owner, Mrs. O'Hara, 2819 J St., Sacramento; contractor, Robt. Powell Co., 1309 6th St., Sacramento.

DWELLING, one-story 5-room and garage, $2800; No. 3926 8th Ave., Sacramento; owner, Jas. Davis, Roseville; contractor, P. Lopez, 3910 8th Ave., Sacramento.

DWELLING, one-story 5-room and garage, $3200; No. 2120 27th St., Sacramento; owner, Sacramento Bldg. Invst. Co.; contractor, E. Beebe, 916 38th St., Sacramento.

DWELLING, one-story 5-room and garage, $3800; No. 2020 X St., Sacramento; owner, A. J. Delano, 1025 7th St., Sacramento; contractor, T. B. Hunt, 2926 St St., Sacramento.

DWELLING, one-story 5-room and garage, $5300; No. 1117 47th St., Sacramento; owner, E. Blackwell; contractor, J. T. Hunt, 3781 6th St., Sacramento.

DWELLING, one-story 6-room and garage, $4950; No. 1030 V St., Sacramento; owner, Antone Ladas; contractor, Furtado & Valelse, 2424 18th St., Sacramento.

TWO one-story 5-room dwellings and garages, $3500 each; No. 2004 and 2012 X St., Sacramento; owner, A. J. Delano, 1025 7th St., Sacramento contractor, Thos. B. Hunt, 2926 S St., Sacramento.

DWELLING, one-story 4-room and garage, $4000; No. 835 36th St., Sacramento; owner, F. E. McCabe, 612 26th St., Sacramento; contractor, W. P. Clppa, 2560 27th St., Sacto.

TWO dwellings, one-story 4-room, $2600 each; No. 4649 and 4433 14th St., Sacramento; owner, W. E. Tralnor, 813 J St., Sacramento.

DWELLING, 1-story 5-room, and garage, $2815; 3557 Folsom Bend; owner, S. N. Wilson ,3417 4th St., Sacramento; contractor, Martln & Sons 1522 N St., Sacramento.

DWELLING 1-story 5-room, and garage, $4000; 725 Santa Ynez Way, Sacramento; owner, L. J. Miller, 1445 38th St., Sacramento.

DWELLING, 1-story 5-room, and garage, $4000; 733 Santa Ynez Way, Sacramento; owner, L. J. Miller, 1445 38th St., Sacramento.

STORES & Apts., 2-story, $6225; 1531 T Sacramento; owner, D. A. Stanich, 311 U, Sacramento; contractor, F. H. Bell, 2316 28th St., Sacto.

DWELLING, 1-story 5-room, and garage, $2700; 2331 V St., Sacramento; owner, F. L. Terra, 1712 W Sacramento.

FLATS, 2-story, $8000; 3562 4th Ave., Sacramento; owner, D. Varaslo, 3520 4th Ave., Sacramento.

LIENS FILED

SACRAMENTO COUNTY

Recorded Amount

March 26, 1923—S L S 316. G. O. Gaunt vs. J. B. McInerney, Annie Lewis, Mary Leal & Antoni Leal. $271

BUILDING CONTRACTS

SANTA CLARA COUNTY

$1,000 and Over Reported

COTTAGE
ON ELLENWOOD AVE., Los Gatos. All work for one and one-half-story cottage.
Owner—H. S. Beckwith, Los Gatos.
Architect—Warren Skillings, Garden City Bank Bldg., San Jose.
Contractor—T. W. Freelyn, Cupertino.
Filed Mar. 16, '23. Dated Mar. 15, '23.
Frame up and enclosed.....$2270
1st coat plaster on inside & out 2270
Completed and accepted..... 2270
Usual 35 days..... 2270
TOTAL COST, $9080
Bond, $4540. Sureties, J. A. Chase and E. H. Norton. Limit, 100 working days from March 15, 1923. Forfeit, none. Plans and specifications filed.

FRAME BLDG.
ON MARKET adjoining 'Beatty's American Theatre," San Jose. All work for one-story concrete and frame building.
Owner—Frank Alassa, King Road, San Jose.
Architect—Wolfe & Higgins, Auzerais Bldg., San Jose.
Contractor—Herbert C. Jorgensen and Frank Thomy, 179 Leland Ave., San Jose.
Filed Mar. 15, '23. Dated Mar. 15, '23.
Foundation in, lumber on job...$1565
Brick walls up to truss height.. 1565
Roof on 1565
Building completed 1565
TOTAL COST, $6261
Bond, none. Limit, 60 working days. Forfeit, none. Plans and specifications filed.

BUILDING
SW THE ALAMEDA AND MORRISON Ave., San Jose. All work for one-story reinforced concrete and frame building.
Owner—Wm. Ehlert, 287 N-First St., San Jose.
Architect—Chas. S. McKenzie, Bank of San Jose Bldg., San Jose.
Contractor—Antone Mezna and J. S. Newell, 866 N-17th St., San Jose.
Filed Mar. 21, '23. Dated Mar. 21, '23.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, $13,116
Bond, $6600. Sureties, A. L. Hubbard and John Lindgren. Limit, 75 working days. Forfeit, none. Plans and specifications filed.

RESIDENCE
ON ALMADEN ROAD bet. Stone and Malone Aves., San Jose. All work except painting and septic tank for one-story frame residence.
Owner—S. Cozzo, San Francisco.
Architect—Wolfe & Higgins, Auzerais Bldg., San Jose.
Contractor—Frank Nevis, 891 Harrison St., Santa Clara.
Filed Mar. 21, '23. Dated Mar. 16, '23.
Frame up $1506.38
1st coat plaster on..... 1506.38
Completed and accepted..... 1506.38
Usual 35 days..... 1506.38
TOTAL MOST, $6025.50
Bond, $3012.75. Sureties, W. F. Hayward and J. A. Chace. Limit, 90 working days from March 16, 1923. Forfeit, none. Plans and specifications filed.

DWELLING
LOT 20 BLK 3, Elm Leaf Park, San Jose. All work for one-story frame dwelling.
Owner—A. Levin, 550 W-Santa Clara St., San Jose.
Architect—None.
Contractor—W. O. Furtwangler, San Jose.
Filed Mar. 22, '23. Dated Mar. 22, '23.
Upon execution of contract...$425.00
Frame up 618.75
Rough coat plaster on..... 618.75
Building completed 618.75
Usual 35 days..... 618.75
TOTAL COST, $2900.00
Bond, none. Limit, 60 working days from Mar. 22, 1923. Forfeit, none. Plans and specifications filed.

GYMNASIUM
GILROY. All work for one-story hollow tile and concrete gymnasium.
Owner — Gilroy High School District, Gilroy.
Architect—Wyckoff & White, Growers' Bldg., San Jose.
Contractor—E. Nommensen, 19 S-Fifth St., San Jose.
Filed Mar. 22, '23. Dated Mar. 19, '23.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, $63,220
2 bonds, $31,610 and $15,805. Sureties, A. L. Hubbard and Neil Carmichael. Limit, 116 working days from Mar. 19, 1923. Forfeit, none. Plans and specifications filed.

BUILDING
ON LOT ADJOINING NO. 879 S- FIRST St., San Jose. All work for one-story frame and brick building.
Owner—Giuseppe Guerra, San Jose.
Architect—None.
Contractor—E. E. Weldon, 115 N-33rd St., San Jose.
Filed Mar. 27, '23. Dated Mar. 23, '23.
50% og brick work done.....$1050
Roof on 1050
Completed 1050
Usual 35 days..... 1050
TOTAL COST, $4200
Bond, limit, forfeit, none. Plans and specifications filed.

BUNGALOW
SW SECOND AND VIRGINIA STS., San Jose. All work for one-story bungalow and garage.
Owner—Fannie Glennon, San Jose.
Architect—Hasting Bros., Bank of San Jose Bldg., San Jose.
Contractor—A. Willmott, 36 N-Lincoln St., San Jose.
Filed Mar. 26, '23. Dated Mar. 21, '23.
Roof on $1200
Brown plaster on..... 1200
Completed 1200
Usual 35 days..... 985
TOTAL COST, $4585
Bond, $2800. Sureties, H. J. Pascoe and Otto E. Schnable. Limit, forfeit, none. Plans and specifications filed.

COTTAGE, 5-room, $3000; No. 442 N-17th St., San Jose; owner, F. D. Mccormic, 22nd and Jefferson St., San Jose.

ALTER resident into apartments, $10,000; N-1st & Empire Sts., San Jose; owner, M. Vigouroux; architect, Z. O. Field, 76 W-San Antonio St., San Jose; contractor, Z. O. Field & Son, 76 W-San Antonio St., San Jose.

COTTAGE, 5-room, $2285; Twelfth St. near St. James St., San Jose; owner, J. Poulsen, 73 Orchard St., San Jose; contractor, A. J. Nielsen, 156 S-20th St., San Jose.

COTTAGE, five-room, $2285; Twelfth St., near St. James St., San Jose; owner, J. Poulsen, 73 Orchard St., San Jose; contractor, A. J. Nielson, 156 S-20th St., San Jose.

ALTER front, $1975; No. 192 S-First St., San Jose; lessees, G. W. Ryder & Son, 15 E-Santa Clara St., San Jose; architect, Herman Krause, Bank of San Jose Bldg., San Jose; contractor, H. A. Bridges, Pine & Lincoln Sts., San Jose.

COTTAGE, 4-room, $2250; Fifteenth St., near Washington, San Jose; owner, G. B. Nagle; architect, Pacific Ready Cut Homes, Inc., Knox Bldg., San Jose.

ALTER front, $1000; No. 1828 First St., San Jose; lessee, H. A. Bardwell, 92 S-First St., San Jose; architect, H. Krause, Bank of San Jose Bldg., San Jose; contractor, H. A. Bridges, Pine and Lincoln Sts., San Jose.

COTTAGE, 5-room, $3500; S-Eleventh St. near Margaret, San Jose; owner, H. Bischoff, 39 S-Willard St., San Jose; architect, Pacific Ready Cut Homes, Inc., Knox Bldg., San Jose.

COTTAGE, 4-room, $1000; Naglee nr. Home; owner, Sam Devito, 612 W San Salvadore, San Jose.

COTTAGE, 5-room $4500; Second & Virginia, San Jose; owner, Fannie Glennon; architect, Wilmott Bros.,

PIERCE-BOSQUIT
Abstract & Title Co.
Capital Stock $100,000
Sacramento, Placerville, Nevada City, Reno
SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

COTTAGE, 4-room, $1800; 16th near Julian, San Jose; owner, A. Bonetti Porter Bldg., San Jose.
BUS BUILDING, brick, $3000; 881 S 1st San Jose; owner, Guiseppe Guerera.
COTTAGES, 2 5-room, $3700 each; S. Eighth nr Martha, San Jose; owner, E. A. Roberts.
COTTAGE, 5-room, $1900; Ninth near Virginia, San Jose; owner, Emmet McQuoid, 198 Tillman St., San Jose.
BAKING OVEN, $1400; Sta. Clara nr 7th San Jose; owner, J. L. Cramer, 201 S 16th St., San Jose.
ALTER & Remodel, $36,050; Sta. Clara and Second, San Jose; owner, A. E. Kern, 110 Sutter, S. F.; architect, A. H. Knoll, Hearst Bldg., S. F.; contractor, Fontanella & Teza, 41 Sheridan St., S. F.
ALTERATIONS, $2700; First nr. San Fernando, San Jose; owner, Sherman & Clay (lessees), 190 S 1st St., San Jose.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Accepted
Mar. 22, 1923—LOT 75x150 FT. BLK 62, City of Palo Alto on Lincoln Ave. Robert F Duryea to whom it may concern.....Mar. 17, 1923
Mar. 22, 1923—LOT 1 Keesling Cherry Court, San Jose. Wilson G Curtiss to whom it may concern..Mar. 22, '23
Mar. 22, 1923—LOT 17 BLK 11 Hanchett Residence Park, San Jose. A E Wilkinson to V Maggio.....
.....March 22, 1923

LIENS FILED

SANTA CLARA COUNTY

Recorded Amount
Mar. 21, 1923—LOT 58 V. A. Hancock Sbdvn No. 1, San Jose. H B Miller vs R S Purdy.....$260.01

RELEASE OF LIENS

SANTA CLARA COUNTY

Recorded Amount
Mar. 23, 1923—W LINE SIXTEENTH St. 289.79 ft. S of S line Santa Clara St. th S 50 ft. W 127.96 ft. N 50 ft. and E 127.96 ft., San Jose. A J Raisch to J A Kerwin.....$258.75
Mar. 22, 1923—2½ ACRES OFF S LOT 4, Albright Sub. Pacific Mfg Co, $1361.30; A W Templeman, $193.08; P E & F N Curtis, $99.60; R R Bell Co, $144.03; J Forasiepi and James Cuciz, $25; Chas. Forsythe, $84; H E Howard, $68.17; Geo A Mahoney, $533 and J Lee, $88 to L C and G S de Bussy .....
Mar. 23, 1923—LOT 18 BLK 37, South Palo Alto. Margaret E Tomlinson Yama to whom it may concern.....March 15, 1923
Mar. 23, 1923—LOTS 21, 22, 23 AND 24 Blk 12, Scale Addition to Town of Palo Alto. Ethel C Mills to J W Wells.....Mar. 22, 1923
Mar. 23, 1923—LOT 2 BLK 15 East San Jose Homestead Association. Hal E Pearsall to whom it may concern.....Dec. 31, 1922
Mar. 24, 1923—PTN LOTS 1 AND 4 University Grounds. Fred F Tidmarsh to whom it may concern.....March 23, 1923
Mar. 26, 1923—357 S-FIFTEENTH St., San Jose. J M Concklin to T J Lannin .....Mar. 26, 1923

BUILDING CONTRACTS

SAN MATEO COUNTY

COTTAGE
PART OF LOTS 1 & 2 BLOCK 36 SAN Carlos, San Mateo. All work for cottage.
Owner—Mercantile Trust Co., 464 California St., San Francisco.
Architect—None.
Contractor—Ben. C. Zimmerman, 797 Arguello Ave., Redwood City.
Filed Mar. 17, 1923. Dated Mar. —
Rafters $1315
Plastered 1315
Completed and accepted 1315
Usual 35 days 1315
TOTAL COST, $5125
Bonds, Sureties, Forfeit, Limit, none; Plans, none; Specifications filed.

RESIDENCE
LOT 10, PORTOLA WOODS, Woodside. All work for one-story and basement residence and garage.
Owner—Paul B. Foy, San Francisco.
Architect—Clarence A. Tantau, Clunie Bldg., San Francisco.
Contractor—Louis M. Pollard, 55 Brewster St., Redwood City.
Filed Mar. 20, '23. Dated Mar. 17, '23.
Frame up $4181.25
Brown coated 4181.25
Plastered 4181.25
Completed 4181.25
Usual 35 days..... 5575.00
TOTAL COST, $22,300
Bond, $11,150. Surety, Hartford Accident & Indemnity Co. Limit, before July 15, 1923. Forfeit, none. Plans and specifications filed.

BUNGALOW, $5000; Lot 8 Blk "M", 12th Ave Hayward Park San Mateo; owner, Foote & Parsons, 234 B St., San Mateo; contractor, E. S. Shaner, 838 Highland Ave., San Mateo.
BUNGALOW, $5000; Lot 9 BLK "M," 12th Ave Hayward Park San Mateo; owner, Foote & Parsons, 234 B St., San Mateo; contractor, E. S. Shaner, 838 Highland Ave., San Mateo.

STORE BLDG.
BURLINGAME. All work for one-story concrete store building.
Owner—Mrs. W. G. Hitchcock, Burlingame.
Architect—None.
Contractor—Thomas J. Broderick, Burlingame.
Filed Mar. 23, '23. Dated Mar. 19, '23.
Forms and steel placed.....$3000
Concrete walls placed..... 3000
Plastered 3000
Usual 35 days..... 3000
TOTAL COST, $12,000
Bond, none. Limit, 135 days. Forfeit, none. Plans and specifications filed.

HOSPITAL
LOT 53 AND OTHERS, Laurel Creek Farm. Furnish sterilizers, disinfector, etc., for hospital.
Owner—County of San Mateo.
Architect—Will H. Toepke, 942 Market St., San Francisco.
Contractor—J. J. McLeod, 1246 Golden Gate Ave., San Francisco.
Filed Mar. 22, '23. Dated Aug. 21, '22.
Equipment in place.....$3000.00
Completion 1578.41
Usual 35 days..... 1578.41
TOTAL COST, $6104.55
Bond, $1000. Surety, ——. Limit, forfeit, none. Specifications only filed.

DWELLING, $6000; Lot 182 Costa Rica Ave. S M Park; owner, F. Banz; contr., W. White, 685 Barriolhet St., San Mateo.
Laurel Ave., San Mateo; owner I. A. Born, Glazenwood.
RESIDENCE, $5000; Lot 10 Blk 11 Ellsworth Ave., San Mateo; owner, P. Yager.
DWELLING, $14,000; Lot 33 Poplar Ave S M Park; owner, R. J. Wisnom, 175 2nd St., San Mateo; contractor, I. A. Wisnom, A & 2nd Sts., S. M.
BUNGALOW, $4000; Villa Terrace Lot 13 & 14, San Mateo; owner, O. L. Cevanaugh, 1021 Park St., S. M.; contractor, O. L. Cavanaugh, 1021 Park St., San Mateo.
BUNGALOW, $2000; Lot 22 & 23 East San Mateo; owner, E. Phillip.
DWELLING, $3000; Lot 21 Blk. 8; owner, J. E. Bready.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded Accepted
Mar. 22, 1923—LOT 10 BLK 31 LYON and Hoag Sub, San Mateo. William Fischback to Morris Sorensen .....March 21, 1923
Mar. 22, 1923—LOT 25 BLK 40 CITY South San Francisco. R. McCalgan to M. E. Greene.....Mar. 17, 1923
Mar. 22, 1923—LOT 22 BLK 124 SO. San Francisco. R. McCalgan to M. E. Greene .....Mar. 17, 1923
Mar. 24, 1923—LOT 22 BLK 6 BURlingame Grove. Thomas N. Gerro to whom it may concern..Mar. 16, '23

BUILDING CONTRACTS

CONTRA COSTA COUNTY

GARAGE, hollow tile public, $3200; NW Seventh and Barrett Sts., Richmond; owner, T. J. Mickey, 423 Barrett St., Richmond; contractor, A. J. McNany, 824 7th St., Richmond.
GARAGE, brick public, $16,027; W-11th St., bet. Macdonald and Nevin, Richmond; owner, F. Rueszhl, 331 11th St., Richmond; architect, J. T. Narbett, 9th and Macdonald, Richmond; contractor, Carl Overaa, 2105 Roosevelt St., Richmond.
APARTMENTS (2) & store, two-story frame, $7000; NE Seventh & Nevin Sts., Richmond; owner, R. W. Timmons, 325 7th St., Richmond; contractor, E. A. F. Carson, 542 4th St., Richmond.

Larsen Construction Reports
Issued every business day of the year. Furnishes advance information on work projected and contracts awarded for all classes of building, street, sewer and highway projects, bridges, dams and harbor works, machinery, etc. Send for rates in your territory, advising class of work in which you are interested.
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Building & Engineering News

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Publication Office
560 Mission Street

SAN FRANCISCO, CALIF., APRIL 7, 1923

Published Every Saturday
Twenty-third Year No. 14

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Comfort

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When materials have passed through mixing process once, and come to discharging side of the drum, the reversed discharge chute sprays them back to the charging side for repeated trips through the 5-action, remixing process. This spraying-showering action, at the same time prevents separation of aggregate according to size. To the last shovelful of every batch, Koehring-mixed concrete is uniform, re-mixed concrete—***dominant strength concrete***—and to every last casting and bearing, the Koehring is the heavy duty mixer of trouble-proof, long service life.

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(1) Blade cuts through materials with churning action. (2) Blade carries materials up, spilling down again against motion of drum. (3) Materials hurled across diameter of drum. (4) Materials elevated to drum top and cascaded down to reversed discharge chute which (5), with scattering, spraying action, showers materials back to charging side for repeated trips through mixing process.

"SOMETHING NEW"---Dandie Mixers In Stock With Rubber Tired Wheels.

HARRON RICKARD & McCONE

San Francisco Los Angeles

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday — SAN FRANCISCO, CALIF., APRIL 7, 1923 — Twenty-third Year No. 14

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Devoted to the Engineering, Architectural, Building and Industrial Activities of the Pacific Coast.

OFFICIAL PAPER OF
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Richmond Builders' Exchange
Stockton Builders' Exchange
Fresno Builders' Exchange
Vallejo Builders' Exchange

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MUNICIPAL BUILDING FORECAST FOR 1923

A nation-wide survey of the contemplated expenditure for public buildings by municipalities during 1923, shows that 92 cities have already planned to spend more than $260,000,000 for schools, police, fire and various other administration buildings. More than a score of other important cities will probably add public appropriations before Spring, bringing the total for less than 120 cities up to approximately $350,000,000 and even this is likely to be increased before the year closes.

The sum reported by the 92 cities is exclusive of the amounts to be spent for buildings in various cities by the Federal Government.

Among the 92 cities reporting, 51 will expend during the year more than one million dollars each on public construction and fourteen will spend more than $5,000,000 each.

BAY BRIDGE HEARING

A public hearing will be held April 20, 2 P. M., at the Customhouse, San Francisco, to consider the application of John Lyle Harrington for approval by the war department of plan for the construction of a toll highway bridge across San Francisco bay about 26 miles southerly from the Ferry building in San Francisco, and about three-fourths of a mile northely from and approximately parallel to the Southern Pacific railroad bridge at Dumbarton Point.

Maps and drawings showing the type and location of the proposed structure are on exhibition at room 412 Customhouse, San Francisco, daily, during the regular office hours.

1922 LUMBER EXPORT SHOW IMPROVEMENT

In 1922 the U. S. total exports of lumber amounted to 1,532,934,000 board feet, as compared with 1,204,808,000 feet in 1921, an increase of 27 per cent. The 1913 exports of lumber were 2,576,233,000 feet, making the 1922 exports 40 per cent less than 1913.

The leading wood during the year under review was Douglas fir, of which 614,704,000 feet were exported abroad. In 1921 the quantity of this wood exported was 455,233,000 feet. The 1922 increase was 35 per cent. The export of Douglas fir in 1913 amounted to 665,295,000 feet. During 1922 nearly one-half the Douglas fir went to Japan, nearly one-fifth to China, and the next largest quantities to Australia and Peru. The 1922 increase was taken by these countries, except Peru, and in addition the United Kingdom, Chile, and British South Africa.

The second leading export wood in 1922 was southern yellow pine, 474,258,000 feet being exported, an increase of about 10 per cent over 432,736,000 feet in 1921. The 1913 figure was 869,737,000 feet. Nearly one-quarter of the southern yellow pine in 1922 went to Argentina, nearly one-sixth to Cuba, and less amounts of importance to Mexico, United Kingdom, Canada, Spain, and Belgium. A very large increase occurred in the yellow pine exported to Canada over 1921, and the export to Spain was 184 per cent over 1921. However, Mexico took about 60 per cent less.

In other softwoods, comparing 1921 with 1922, spruce increased about five times to 35,178,000 feet, redwood more than doubled to 33,143,000, white pine increased 79 per cent to 25,811,000 feet, and western yellow pine more than doubled to 8,358,000 feet. However, other softwoods, not specified, declined one-third.

Oak was the third leading export wood, and the leading hardwood in 1922, increasing by 59 per cent over 1921 to 108,214,000 feet. In 1913, 287,855,000 feet of oak were exported. Oak exports to United Kingdom increased over 60 per cent to 49,200,000 feet, to Canada over 50 per cent to 32,388,000 feet, and increased amounts also went to Belgium, Argentina, Uruguay, and Spain. Although of small proportion to the total, it is significant that the export of oak to Spain in 1922 was three and one-half times the 1921 export.

In other hardwoods, gum increased two-thirds over 1921 to 45,550,000 feet in 1922, poplar by less than 50 per cent to 16,089,000 feet, and other hardwooda went abroad to an extent of 70 per cent more than in 1921.

P. G. AND E. TO IMPROVE FORDYCE DAM

Construction crews, under supervision of James Martin, will atart operations shortly for the Pacific Gas and Electric Company to raise the old Lake Fordyce Dam near Cisco, Placer county. Plans provide for raising the dam forty seven feet, which will increase the atorage capacity from 20,000 to 47,000 acre feet, supplying the Drumm powerhouse, below the big Spaulding dam, the most westward reservoir of the system. The work is estimated to cost $1,500,000 and will add 25,000,000 kilowatt hours to the output of the South Yuba water power system.

OLD TYPE ROADS COST MOTORIST $300,000,000 A YEAR FOR GASOLINE

Estimates of automobile manufactures place the number of cars of all types in operation in America, last year at more than 11,000,000. One in every ten individuals in the United States is represented, comparatively, as an owner.

Almost every family, figuring on the same relative scale, would be affected by economic changes in motor operations. For that reason the lower cost of fuel consumption made possible by hard surfaced highways is of dominant interest.

Actual tests made by several states show that the following difference in fuel consumption exists on three existing types of roads:

Cost per ton mile for gasoline at 24 cents a gallon on

Dirt road	$.0171
Gravel road	.0115
Concrete road	.0077

Thus the difference in pull required on concrete pavment means an actual saving in gasoline of $.0038 for every mile travelled.

Almost all motorists average 140 miles a week, or 20 miles a day. The majority of cars are of the "light-type" and one ton weight can be taken as a fair average for the car itself.

This would mean that in a week the car owner would save about 54 cents on gas and in a year's time would save $27.67, if it was possible for him to drive on nothing but concrete pavement all the time.

This seems like a small amount but when it is applied to the industry as a whole it reaches tremendous totals. If all of the 11,000,000 automobiles in operation last year averaged only 20 miles a day and could have driven on concrete instead of gravel the money saved on purchase of gasoline alone would show the staggering total of $304,370,000.

This does not take into account the long stretches of dirt roads which cost twice as much to drive over as on concrete.

Thus it is fair to say that old type highways are costing the American motorist more than a quarter of a billion annually on his gasoline bill.

He can drive 31 miles per ton per gallon on concrete but only 24 miles per ton per gallon on gravel and 14 on dirt.

ARIZONA TIMBER PRODUCTION

Arizona forests produced 93,500,000 feet of timber during the year ending December 31, last, according to Wm. H. Killen, member of a large southern Arizona lumber company with headquarters at Tuscon. The statement was made before a meeting of the Rotarian organization. Of Arizona's forest supply, Killen, said in part:

"It is estimated by the forestry department that Arizona has 5,000,000 acres of forest land, producing about 5,000 feet to the acre." And in pointing out necessity for forest protection and transplanting of that portion now cleared: "At the rate at which the timber was cut during the year just ended, the supply will have become exhausted in approximately twenty years."

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

"A home on almost any terms is better than rent. A home owner is a taxpayer, and therefore a more deliberate and discriminating voter. A home owner is a better employee, a better husband, a better father, and a better and more useful citizen of the community in all respects. Bolshevism and radicalism would be inconceivable even here with only a little over a third owning their own homes. And our community welfare and future are rendered more secure in direct proportion to the increase in home ownership. It is as much a part of our duty as citizens to promote home ownership as it is to promote good schooling for the young. And financing the average man into his home is the best and most direct means of promoting that object."—Harry Hossack, in a talk before the Real Estate Class of the University of Southern California.

San Francisco Civil Service Commission will hold examinations in May for various positions, including: Asphalt workers, blacksmiths' helpers, boilermakers' helpers, carpenters' helpers, cement finishers' helpers, firemen of stationary steam engines, hod carriers, locksmiths machinists' helpers, plumbers' helpers, steamfitters' helpers and tinners' helpers. Applications will be furnished on request at the Commission offices, City Hall.

U. S. Civil Service Commission announces examination for the position of "Checker Draftsman" (architectural), the receipt of applications to close May 15. Examination is to fill a vacancy with Department of Public Works, U. S. Naval Station, Pearl Harbor, T. H., at $8 a day, the appointee to receive, in addition to the salary, an allowance of 96 cents a day while employed at the station. He will be furnished transportation to Honolulu.

Sacramento building for March totaled $728,688, according to Ben H. Covell, building inspector. During the month 347 permits were issued as compared with 315 permits in March of 1922 representing improvements totaling $813,737. Home building was most active during the past month, 133 permits being granted for one-story dwellings, totaling $408,464. The operations for the first quarter of the year total 812 permits aggregating an expenditure of $1,775,420.

The paved highway system of Maricopa county, Ariz., costing approximately $8,000,000 is practically completed. Altogether 308 miles of concrete roads have been built under 2 contracts with Twohy Bros. Construction Co., the first comprising 128 miles and the second 180 miles. The first contract was awarded April 12, 1920. Maricopa county's highway program is the largest ever undertaken in a continuous contract.

Opportunities of architecture for leading civic improvements and for development of communities were explained by W. B. Faville of San Francisco, president of the American Institute of Architects, in addressing architects at Charleston S. C., in annual convention. The architects in attendance represented five southeastern states.

The anual production of lumber and structural timbers for general building purposes reaches a value of nearly billion dollars, says the Forest Service, United States Department of Agriculture, in its annual report.

Monterey city council will call election in immediate future to vote bonds of $200,000 to finance harbor improvements.

Construction of six viaducts across the Los Angeles river is recommended in a report submitted to the Los Angeles Board of Public Utilities by the chief engineer of the board, Fred A. Lorentz. The structures are estimated to cost $3,801,281. Depression of the railroad tracks on both banks of the river is also recommended and this would bring the total cost up to $5,001,281. It is proposed to divide one-half the cost equally between the city, county and Los Angeles Railway Co. and the other half equally between the Santa Fe and Union Pacific railway companies.

G. Porter Roberts of the firm of Roberts & Clark, planing mill operators of Stockton, announces the firm will in future operate under the name of Roberts & O'Keefe. W. X. Clark sold his interests to F. O'Keefe, for the past two years with the Fisher Bros. Planing Mill of Stockton and for six years prior to that time Stockton representative for the Pacific Manufacturing Company of Santa Clara.

With 229 homes built or under construction in Fresno since January 1, 1923, the closing of the first quarter of 1923, showed the total value of new buildings as $1,949,459, as contracted for since the first of the new year. Of this amount $473,086 was built during March just closed, or is being built.

The Monthly Labor Review states that in Oregon and California labor efficiency in the lumber trade is higher than elsewhere. The average produced per man hour being 117 board feet in Oregon and 116 board feet in California. Georgia averaged lowest with 50 feet.

The Los Angeles county civil service commission announces an open competitive examination for assistant mechanical engineer (superintendent of building maintenance) to be held Thursday, April 12. There is one position to be filled immediately at a salary of $250 per month.

Articles of incorporation have been filed by the Waterman-Dugdell Co., a plumbing concern, to maintain headquarters at Sacramento. Company is capitalized at $25,000. Directors are: H. G. Waterman, W. E. Dudell and Verna B. Waterman.

Reno, Nevada, Chamber of Commerce and Washoe County Farm Bureau plans construction of $75,000 condensed milk plant in Reno. W. H. Simmons, president of Washoe County Bank and Reno Grocery Company are interested.

Twohy Bros. have contract to construct twenty miles of logging railroad for the Long Bell Lumber Company, according to advices from Spokane, Wash.

ALONG THE LINE

Former State Oil and Gas Supervisor R. P. McLaughlin announces he has opened offices in Los Angeles in association with J. E. Elliott and F. C. Merritt. He will continue to maintain his offices at 315 Montgomery St., San Francisco, which will be headquarters for his activities as consulting petroleum engineer and geologist.

California State Reclamation Board has dismissed Melville Dozier Jr., $10,000 a year manager and chief engineer; Thos. Mayhew, secretary and Frank Freeman, attorney. Thirty other employees were dismissed and the monthly payroll reduced to $1,300.

The State Reclamation Board has cancelled a contract awarded to W. E. Callahan Company of Dallas, Texas, at approximately $1,000,000 to construct 13 miles of levee in Reclamation District No. 1660, comprising approximately 14,000 acres in Sutter County.

San Diego voters have authorized a $325,000 bond issue for waterworks extensions and improvements and a $495,500 bond issue for a municipal apron wharf; also a $70,000 bond issue to pave Imperial Ave. and a $30,000 bond issue for paving a road through Balboa Park.

Chester A. Smith, representing Burns & McDonnell Engineering Co. of Kansas City, Mo., has opened offices at 404 Marsh-Strong Bldg., Los Angeles, and will specialize in water and sewer systems, appraisal work and reports as well as engineering and design.

Oroville Chamber of Commerce conferring with Southern Pacific Company regarding proposed extension of line between Oroville and Durham, a distance of about 10 miles.

Change of the name of the California Glazed Cement Pipe Co. of Los Angeles, to the Bent Concrete Pipe Co. is announced. There will be no change in management or ownership.

Carpenters of Washington, D. C., are asking an increase of $2 a day, effective May 1. They are now receiving $8.40 a day, and will probably compromise on a $1 raise.

New members of the Fresno Builders' Exchange include: F. L. Irwin, A. M. Goedell, A. C. Woodstock and Gosney Bros.

Jas. Duncan, granite cutter, has retired as international president of the Granite Cutters' International Association, after serving 28 years.

April 16 to 21 will be Gas Stove and Appliance Week. Retail merchants throughout the state will make window displays of gas appliances.

California Asbestos Company has started construction of a $45,000 mill on its property in San Benito County.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

MEETING OF PACIFIC COAST MEMBERS OF AMERICAN SOCIETY OF AGRICULTURAL ENGINEERS

The field of agricultural engineers was made greater when about 75 men interested in its extension to include the western part of the United States met in San Francisco on December 15, 1922, to discuss plans for the further development of the activities of the society. After a very instructive program followed by a banquet a committee of six were elected from those present to make definite plans to place the agricultural engineering interests of the West in closer touch with the parent society which for years had been holding its annual meeting in Chicago. At a meeting of this committee held Thursday, March 22nd, at the College of Agriculture at Berkeley, the aims of the Western members of the society were formulated.

Dr. Elwood Mead was made chairman of the committee.

The aims of the western members were outlined as follows:

1. To place before the Eastern members through the various publications of the society the agricultural engineering problems of the West.

2. To give proper and due publicity to the activities of the society to the general public in order that the constructive benefits of the society be not confined merely to those who are now members.

3. To establish a program of fundamental research into the different phases of agricultural engineering especially drainage, farm buildings, materials, farmstead planning, farm motors, electric power used for agricultural purposes, farm machinery, irrigation, pumping machinery, concrete, costs of changing raw land into improved farms, and methods of financing the above operations.

4. To investigate the rural community as a means through which all phases of agricultural engineering may most economically be utilized and to develop plans for the organization of communities on a sound business basis for co-operation in farm business.

5. To plan a professional meeting of the society in Berkley in 1923 and a national meeting of the entire society in San Francisco in 1924 wher the results of these studies can be discussed, disseminated and made of general utility.

RENO BUILDING TRADES SET NINE DOLLARS AS MINIMUM

The Reno Nevada, Building Trades Council anounces, effective April 2, the minimum wage scale for all union craftsmen in Reno will be $9 per day, including carpenters. Plumbers will continue to receive $10 per day, and it is understood electricians will command a similar wage.

Rumors of a walkout by union workers have been prevalent for several days, but master builders and representatives of the various unions state there is little probability of any serious labor disturbance. Carpenters have been receiving $8 per day for over a year, but builders admit they have been paying some of their men as high as $9.

"BUILD NOW" IS ADVICE TO HOME BUILDERS

The importance of homebuilders getting their projects started at once can not be overemphasized nor repeated too many times, according to H. W. Robertson, president of the Sacramento Master Builders' Association.

It is difficult, according to Robertson, for the average individual concerned only with his relatively small building job to understand how conditions in other cities and other parts of the country will affect his particular job.

It is very evident, however, to one who has access to government and other reports each month to see the gradual upward trend of prices and the ever-increasing shortage of men and materials. Each of these are dependent one upon the other.

"A resume of conditions," he says, "in the building industry should help to urge those who intend building during the coming summer to get their work under way at once.

"In 1922 building permits in the United States exceeded five billion dollars. January permits of this year in 185 cities show an increase of 36 per cent over January of last year. Every indication points to similar increases straight through 1923.

"If each prospective builder will look beyond his own particular building need and consider that thousands of others have similar thoughts of building at this time of year he will quickly see that it is going to be economical for him to get started at once.

"Even distribution of building over the entire year will surely hold prices down and will prevent labor costs going over their present figure. Supply and demand are the governing factors in this instance and it must be remembered that competitive bidding for houses or anything else certainly will increase prices.

"All this can be avoided by starting to build now."

SACRAMENTO BUILDERS MAKE BUILDING SURVEY

In order to get an estimate of the building that probably will be done in Sacramento during the coming six months, the Sacramento Master Builders' Association is making a convass of its membership, asking contractors and architects to submit a list of probable structures they will build during this period.

The purpose of the survey is to enable the association to forecast the quantity of work that will be undertaken during the next half year and be eqipped accordingly for conforming the business of the association to the program of acctivity. The information is to be compiled only for the use of the association.

N. Y. UNION BUILDERS GET $1 A DAY RAISE

A dollar a day increase in wages for between 8000 and 10,000 building trade union workers in Westchester County, New York, will become effective April 1. The contract, which advances wages from $8 to $9 a day, will extend to July 1, 1924.

ENGINEER RESIGNS

A. L. Wilson, telephone and telegraph engineer in charge of the Division of Telephone and Telegraph Engineering of the California State Railroad Commission, has resigned effective March 31, to engage in general private practice in consulting and engineering work in the telephone field.

Wilson, who graduated from the University of the Pacific, now the College of the Pacific, was connected with various telephone companies on the Pacific Coast for fifteen years, and entered the service of the commission as Assistant Rate Expert when the late John M. Eshleman was its President. He became head of the division in 1913. Wilson served as a member of the Joint Committee on Inductive Interference from 1913 to 1917, assisting in drafting General Order No. 52, governing the construction and operation of power and communication lines for the prevention and mitigation of inductive interference.

N. Y. ENGINEER LEAVES FOR COAST MEETING

Calvin W. Rice, secretary of the American Society of Mechanical Engineers, left New York on March 14 on a trip which will take him to Los Angeles for the Pacific Coast Regional Meeting of the Society, April 16-18. He will address a number of gatherings of engineers on his trip and will be one of the representatives of the A. S. M. E. Council at the first Regional Meeting to be held on the Pacific Coast.

AMERICAN LUMBER FINDS BIG MARKET IN JAPAN

American lumber from Washington, Oregon and California is winning the Japanese market in competition with home-produced lumber, according to figures announced at Tokyo.

"Japanese lumber may eventually be driven out of its home market by imported American lumber if the present tendency continues," says the Osaka Mainichi, one of the leading Japanese newspapers.

Lumber from Seattle or San Francisco can reach Tokyo quicker than lumber from the northern or northwestern timber regions of Japan itself—forty to sixty days from America to Tokyo; sometimes ninety days from North and Northwestern Japan to Tokyo.

At present imported American lumber is from 30 to 50 per cent cheaper in Tokyo than Japanese-grown lumber.

It now costs 20 per cent less to build a house in Tokyo than it did last year. Local authorities say the decrease is largely because of the lower prices of American lumber.

All temples, most dwelling houses in the cities, and all buildings of every kind outside the cities are built largely of lumber in Japan. Great quantities of wood are also used for making wooden clogs for footwear, furniture, boxes, casks, carts, etc. So far American lumber has not been used for temples or shoes—but that day may not be far distant.

BIG INCREASE IN MOTOR VEHICLES IN 1922

In 1922 motor vehicle registrations more than maintained the rate of rapid increase which has caused the total registration to grow from 3,500,000 in 1916 to 12,238,375 motor cars and trucks at the end of 1922, according to the Bureau of Public Roads of the United States Department of Agriculture. Last year the increase amounted to 1,775,080 registrations as compared with an average yearly rate of approximately 1,390,000 for the preceding five years.

The table issued by the bureau gives registrations by States which total as follows for the whole United States:

Private passenger cars	10,890,112
Taxicabs, busses, and cars for hire	69,459
Motor trucks and commercial cars	1,278,804
Trailers	29,328
Motor cycles	182,714

A comparison of the truck registration figures with those for the preceding year shows an increase of 30 per cent indicating that this phase of highway transport is undergoing rapid development. The increase in truck registration is not confined to industrial sections. Such agricultural States as Virginia, Indiana, and Florida show increases of 33 per cent, 30 per cent and 29 per cent respectively which seems to indicate that many farmers are changing their method of hauling as a result of road improvement.

The total gross registration revenue amounted to $152,047,823 of which $117,093,116 was applied to road work under the supervision of the State Highway Departments. Eighteen States taxed gasoline, deriving a revenue of $11,923,442, not all of the States reporting for a full twelve-month period. Of this amount $6,474,178 was spent under the supervision of the State Highway Departments.

MARYSVILLE TO SUE YUBA COUNTY ON BRIDGE JOB

That the city of Marysville intends to make a fight to recover $16,000 from the County of Yuba despite the opinion of Attorney General U. S. Webb and District Attorney Ray Manwell to the contrary was demonstrated when the mayor and city council at a special meeting authorized City Attorney W. P. Rich to commence suit in the District Court of Appeals at Sacramento to mandamus County Auditor F. H. Greely to pay the claim, which has already been allowed by the Supervisors.

The $16,000 is due the city of Marysville from the County of Yuba as the county's share for the repair work done by E. H. Martin, contractor, on the approach to the Feather river bridge.

City Attorney Rich informs the mayor and council that regardless of the opinion of the attorney general he believes that the matter should be decided by the courts and not by the attorney general.

INCREASE IN STEEL RAIL PRICE LOOMS

An advance in the price of steel rails is expected shortly. Since October 1, 1922, they have been $43 per gross ton, whereas the crude steel from which they are rolled, billets, now sell at $45 for ordinary enrolling grade and $52 to $55 for forging quality. The steel trade looks for an advance by the Steel Corporation within the next few days, which price action would be followed by the independents. Though no official estimate of what the advance will amount to is forthcoming, the steel trade expects a rise of $7 to $10 per ton, therefore bringing the new price to $50 or $53 per ton.

Hoover Recommends Postponement Of Federal Building Construction

His Excellency
The President,
Miami, Florida.
Dear Mr. President:

I am in receipt of your letter of March 3rd as follows:

"The Administration, in one way or another, has the direction of Congress to carry on a very considerable volume of construction work. I would be glad to have the advice of the Department of Commerce as to the policy which ought to be pursued in view of the present economic situation in the building industries, with a view to determining how much to speed up on the construction program to which we are committed."

In response thereto I directed that the Department should conduct a survey of the situation in the construction trades, a summary of which is attached hereto. I shall not trouble you with the vast amount of detailed data, but these conclusions bring out several fundamentals:

1. The year 1922 was a year of very large employment and activity in the construction trades and at the end of the year stocks of construction materials were very much reduced. Since the beginning of the present year there has been even more activity than in the same period last year and the contracts let in the past few months are of larger volume than any hitherto entered into in a similar period. Advance orders for construction materials are upon a very large scale.

2. Labor in the construction trades and in the manufacture of materials is not only at full employment but there is actually a shortage in many directions.

3. Transportation facilities available for the building materials are fully loaded and almost constant car shortages are complained of with consequent interruption in production.

My conclusion from all this is that, at least for the next several months, the trades will be fully occupied in private construction, all of which is generally needed by the country.

For the Government to enter into competition at the present moment will give no additional employment to labor and no additional production of materials but must in the broad sense in the end displace that much private construction. The governments, nationally and locally, are in a much better position to hold construction work in abeyance than are private concerns, and are in better position to speed up in times of less demand as we did in the last depression as the result of the Unemployment Conference. We can by this means contribute something to a more even flow of employment not only directly in construction work but in the material trades.

I would recommend, therefore, that you direct the different divisions of the Government to initiate no new work that is not eminently necessary to carry on the immediate functions of the Government and that there should be a slowing down of work in progress so much as comports with real economy in construction, until after there is a relaxation in private demands.

Yours faithfully,
HERBERT HOOVER

Summary of a Survey of the Building Situation March 16, 1923

The extensive data submitted with this memorandum show that the capacity of the construction industry in the next few months at least will be fully utilized by the demands for private construction and the work of state and local governments already under contract or critically necessary for maintenance.

The volume of construction carried out in 1922 is indicated by the following figures on building materials:

(Index numbers based on 1913 activity as 100)

	1922	1921	1920	1919
Lumber production	103	80	94	94
Cement production	124	107	109	87
Fabricated steel sales	168	87	130	125

Lumber production in 1922 was above any year in the past decade, while fabricated steel sales were 16 per cent over those for 1916, the highest previous year. Cement shipments were greater than production, and were 20 per cent higher than in 1920, the previous record year.

Contracts awarded for construction work in 1922, compared with the three previous years, are shown by the following index numbers, based on 1919 figures as 100:

Contracts Awarded

	1922	1921	1920	1919
Total value	130	91	98	100
Total floor space	102	69	72	100

Actual building activity in 1922 in relation to 1919 was greater than the figures on contracts awarded show. A large amount of building contracted for in the last months of 1921 was carried over over into 1922, whereas there was practically no such carry-over into 1919.

There was practically full employment of labor during 1922, and an actual shortage of labor in many localities.

Price levels of construction materials advanced during the year as shown by the following index numbers:

Year and month	Frame house materials	Brick house materials	Wholesale prices
1922:			
January	174	179	167
February	169	174	156
March	169	173	155
April	168	172	156
May	173	176	160
June	178	181	167
July	181	184	170
Auguet	189	193	172
September	193	197	180
October	196	199	183
November	196	201	185
December	192	198	185
1923:			
January	195	199	188
February	198	201	192
Percent of increase February, 1923, over February, 1922	17%	16%	23%

At the end of the year stocks of building materials were greatly reduced.

Since the beginning of this year building activities have materially increased over those of a year ago, as shown by the following index of contracts awarded for January and February.

(Index numbers, 1919—100)

	Feb., 1923	Jan., 1923	Feb., 1922	Jan., 1922
Total value	107	101	83	77
Total square feet	89	83	64	65
Residential, value	143	158	107	107
Residential, sq. ft.	112	122	82	90

Actual totals in dollars for 27 northeastern states are as follows:

	Jan. and Feb., 1923	Jan. and Feb., 1922
Total value	$447,271,000	$343,685,110
Total square feet	80,558,400	60,321,300
Residential, value	212,769,900	151,431,800
Residential, square feet	47,253,300	34,568,800

The limiting physical factors in the amount of construction to be undertaken in the future are labor, materials, and transportation.

It may be said generally that labor is in full employment at the present time, and the increase in construction demand during the spring months on the basis of contracts already let indicates even increased shortages over those now existing. Considerable numbers of material manufacturers are running at full capacity, and where production capacity is under-employed at the present time it is largely due to shortage of labor.

Advance orders are greatly in excess of those a year ago. Combined figures of seven large lumber associations show an increase of 49 per cent in orders received during the first nine weeks in the year, over the same period in 1922. Unfilled steel orders of the largest company were 71 per cent greater at the end of February than a year before. Sales of fabricated steel for the first two months of 1923 were 85 per cent above the same period in 1922. January orders for sanitary pottery made a new high record for all time. Trade reports for other commodities not covered by adequate statistics indicate similar tendencies.

The transportation situation is indicated by the car shortage during the last few months as follows:

Car Shortages at End of Month

	1922	1921
December	82,927	110
	1923	1922
January	73,269	642
February	80,633	599

From the above it would appear that the building and construction necessities of the country are being taken care of so far as labor, material manufacturing, and transportation facilities permit, and that the addition of Governmental projects at the present time will not add to the production of materials or to the amount of employment in the country, but would in fact mean simply displacement of construction that could be undertaken at private hands.

WOOD TURNING AND CARVING IN 1921

The Department of Commerce announces that, according to reports made to the Bureau of the Census, the value of products of establishments manufacturing principally articles of wood, turned or carved, amounted to $31,322,000 in 1921, as compared with $34,847,000 in 1919, and $19,047,000 in 1914. These figures show a decrease of about 10 per cent from 1919 to 1921, but an increase of 64 per cent for the seven-year period 1914 to 1921. Included in this industry classification are the establishments making handles for brooms, cutlery, implements, and tools of various kinds, reels, rollers, spools, spindles, bobbins, bungs, ladder rungs, etc.

In addition, establishments classified in other industries reported turned or carved wooden goods, as subsidiary products, to the value of $960,000 in 1921; $2,509,000 in 1919; and $991,000 in 1914. However, work of this class done in planing mills has not been shown separately in every case; also, many concerns turn and carve wood in connection with the manufacture of various finished products, but did not report such operations separately.

Of the 528 establishments reporting products valued at $5,000 and over in 1921, 66 were located in New York; 51 in Maine; 49 in Pennsylvania; 32 each in Illinois and Massachusetts; 27 in Michigan; 26 each in Arkansas, Ohio, and Vermont; 22 in Tennessee; 20 each in Indiana and New Hampshire; 17 in New Jersey; 15 in Connecticut; 14 in Missouri; 11 in Kentucky; 10 in North Carolina, and the remaining 64 in 19 other states.

In January, the month of maximum employment, 10,154 wage earners were reported, and in August, the month of minimum employment, 8,198—the minimum representing 81 per cent of the maximum. The average number employed during 1921 was 9,141, as compared with 10,649 in 1919.

TIMBER SOLD

The Ohio Match Co. has purchased two sections of timber land from the State of Idaho in the Orofino section for a total consideration of $104,000. One section was bought for $76,000 and the other section was bid in at $28,000. The land was part or 4920 acres in the Orofino, Reed's and Quartz creeks regions offered for sale by the State Commissioner of Land of Idaho. No white pine under 14 inches in diameter nor any cedar under 10 inches in diameter was included. The average valuation of the timber placed by the State appraisers was $87 an acre, said to be the highest average ever placed

P. G. & E. TO PURCHASE COAST CONCERN

The Pacific Gas & Electric Company has concluded negotiations to acquire the properties of the California Telephone and Light Company, a $2,062,782 corporation serving approximately 9,000 consumers in Sonoma, Lake and Mendocino Counties, according to an announcement of A. F. Hockenheimer, treasures of the Pacific Company, which has arranged the control on the basis of an exchange of stock. The assumption of control by the Pacific Company will await approval of the negotiations by the state railroad commission.

NEVADA STATE HIGHWAYS

Since its organization in 1917 the Nevada state highway department has expended $5,306,000, has built 299 miles of highway and has 166 miles under contract according to its beinial report which has just been made public. From 1917 to 1920 it expended $2,296,000 and built 167 miles of roads. In 1921 and 1922 it expended $3,010,000 and built 132 miles of roads. The department reports that it has received $1,852,000 from the federal government, and that the government has allotted the state $3,434,000 under signed project agreements.

CEMENT PRICE NOT ADVANCED IN COMPARISON WITH OTHER COMMODITIES

Building permits in February were in excess of those for January despite the fact that it was a short month. Judging from this increase there is little evidence of resistance to advancing building material prices, however, such a move in the near future may be expected if the present rate of upturn is continued, says an Eastern economic authority.

Cement prices, however, have not advanced in proportion to other materials used in building construction and further substantial price increases are probable, he says.

Manufacturers continue to report an abnormal seasonal demand for cement. Booked orders are in great volume and many manufacturers are refusing orders for future delivery. Dealers are finding it increasingly difficult to obtain sufficient supplies to meet the demand and with an acute shortage of cars in prospect little improvement in the situation is probable. Building construction in prospect for 1923 is estimated far in excess of construction last year and in view of this fact together with the strengthening tendencies of the cement market it would seem advisable that supplies sufficient to cover the next six months' requirements be contracted for where possible at current prices.

LIMESTONE TESTS

A series of tests to determine the resistance of limestone to frost action is now under way at theBureau of Standards.

Small samples cut from the stone are soaked in water and are then frozen. After freezing they are put back in the water to thaw.

Of the samples tested many showed serious disintegration after they had been frozen seventy-five times. Others have now been frozen as many as eight hundred times and show as yet no serious disintegration. The samples come from different localities; and when the tests are completed the data will be of value to architects in the selection of building stone.

Limestone is now used extensively as a facing stone. It is less expensive than granite and more easily cut, which makes it quite popular. It is not so durable as granite, however, and is apt to show surface weathering within a hundred years.

Other tests being undertaken at the Bureau have to do with waterproofing compounds. The purpose of such compounds is to lengthen the life of the stone and prevent the absorption of unsightly stains.

RE-ORGANIZATION OF LUMBER COMPANY IS SOUGHT

Disincorporation and dissolution of the Porterville Lumber Company of Porterville; the Citrus City Lumber Company at Lindsay, and the Exeter-Lemon Cove Lumber Company at Exeter is asked in petitions filed in the Superior Court at Visalia by W. R. Spalding, president of the Spalding Lumber Company of Visalia, owner. It is understood that the three companies are to be incorporated directly into the W. R. Spalding Lumber Company.

Spalding owns 498 of the 500 shares of stock in the Porterville company and 998 of the 1000 shares in the Lindsay company and an equal proportion in the Exeter company. Ray Clotfelter owns 1 share in each of the three companies, while R. E. Burnett has 1 share in the Porterville company and Susman Mitchell 1 share in the Lindsay company.

The Bankers Viewpoint on Construction

Address of Henry S. McKee, Vice-President of the Merchants National Bank of Los Angeles, at the General Session, Annual Meeting of the Associated General Contractors, Los Angeles, February 2, 1923

There seems to be among people in almost all walks of life a tendency to get too close to their own business and concentrate on the little microscopic things that they are engaged in and magnify them. I watch it in the bank. We do a large business and the staff take it very seriously. The truth of the matter is that if we all died, and the bank closed and the whole business stopped, it wouldn't make much difference to the world. Taking the world as a whole, probably very few people care or are interested in the bank.

It is worth while to take a minute or two to take a look at the whole world and what has been happening. As to the velocity of progress, the most striking statement relating to it that I ever saw was something to this effect: Mankind, recognizable as a human being; has been known to exist upon the earth for about 500,000 years. Human civilization is a matter of only about 5,000 years, beginning at the time when these wandering creatures began to congregate in groups along the shores of the Mediterranean and remain in one place; to cultivate the soil and erect permanent shelter; to domesticate animals and communicate by something better than grunts, by establishing a language. That was the beginning of civilization of which we are all so proud.

The statement went further to say that the greater progress of this civilization has taken place within the last 350 years, since about the time of Shakespeare and Queen Elizabeth. The statement was further made that if this did not convey to the human mind the particular picture, then, if a plate could be drawn comparing the life of the human race with that of a human individual say of 50 years—it would show that he had been a savage 49½ years out of the 50 years; he had been a civilized man for six months and practically everything he knew that was of any consequence had been acquired in the lapse of a week.

You know that out of the achievements humanity has made within the past 350 years, nearly 75 per cent of them have been accomplished within the past 70 years. There is no particular significance to this except that it illustrates the perfectly prodigious, unbelievable thing of the velocity of our travel; the speed that we have taken on as a civilized people in our achivements. We have reached a rate of travel in civilized progress now in which it is not unreasonable to say that perhaps in a year we accomplish more than we might have accomplished in a decade or a half century a short time ago.

Production of the United States

Now of what particular significance is this. To me the distinguishing thing about the United States of America is the extent to which it has developed it power to produce. The business of human beings as we see them and as we compose the crowd (the American business in other words) just consists of one thing. We all work all the year long for put one purpose; that purpose being to produce as much as we can possibly produce of the necessaries and comforts and conveniences and a few of the luxuries of life and distribute them as equitably as possible among ourselves and consume them, while we are producing more. That is American business; that is all it is. We are simply working for ourselves.

We produce in the United States by the joint endeavors of a population of 100,000,000, every year, something like $50,000,000,000 worth of consumable wealth—food, clothing, shelter and other conveniences and luxuries.

Our business is not only to produce this wealth, but to distribute it among ourselves and to consume it while, producing more the next year. We produce it out of an area of 2,000 by 3,000 miles, known as the United States of America. This same area with the same natural resources then as now was occupied by some tribes of Indians before Columbus discovered it and they had great difficulty in eking out a scanty existence. The reason that we are capable of such production is that we work with tools and the Indians works with their naked hands. The thing that distinguishes the United States above all other countries is the extent to which it employs in its work labor-saving machinery. The fact that American workmen can be, and are, paid more money than those of any other country is due to the fact that in this country we employ for each man more power-driven machinery. In other words, the distinguishing thing about the United States is the extent to which we accumulate capital. Out of the $50,000,000,000 worth of consumable things that we produce in a year, we seem to consume about $45,000,000,000 worth and save about $5,000,000,000. This latter sum approximately represents the new accumulated wealth available for investment in the United States—wealth that is produced in a year and not consumed but saved; saved in three ways—by accumulating to the credit of the particular individual saver in the savings bank, by investing in the annual premium payments of life insurance companies, and by the unexpended large incomes of the wealthy whose incomes are so great that they are incapable of spending them and must of necessity invest the rest. Perhaps five or ten years from now, with the machinery and tools we may have, we may be able to save twice and perhaps many times the annual investment fund we now have.

Creative Power of Wealth

What becomes of it? There is only one place it can go. It can go back into the creation of more food; back into the building in the United States of more plant. Now by plant I mean this. The plant value of the United States of America, taken as a whole, may be roughly stated as something like $250,000,000,000 and $350,000,000,000, viewing it as you would view the plant of the United States Steel Corporation, or any other large business. Plant consists of the site upon which structures rest—the factory buildings, machinery, railways, warehouses, bridges, harbor work, ships, docks, wires and pipe and machinery, the farm tools and matters of that character. Those are the labor-saving machines whereby we are enabled to produce the $50,000,000,000 worth of wealth each year. Practically all new investment and the saved fund for new investment in the United States goes back into the enlargement of that plant. At the rate at which the world is progressing, I believe that the man does not live with an imagination luxuriant or rich enough to form the slightest conception for himself of what may be the extent to which the people of the United States may, in the future, produce wealth, save wealth and reinvest the saved wealth back into more plant which shall in turn result in the production of greater and greater wealth, with still further correspondingly increased saving and still further enlarging of their extensive plant.

It seems to me, therefore, that the most striking thing about the rate of progress, the form that progress is taking, is the extent to which it is going to call upon the men who are the builders of that plant—the men engaged in the contracting industry in the United States—the men to whom the rest of the world looks to determine largely what the character of the plant shall be, how it shall be the most economically constructed, how it shall be made the most efficient for the production of future wealth.

If there is any one calling in the world that ought to be alluring, tempting to a man of courage and imagination, it should be that of the business in which you are engaged.

Banker, Contractor Relations

So far as the relations between the banker and the contractor go, I think you know more about that than I do. You probablly all conduct your relations most satisfactorily and sometimes unsatisfactorily. I want to say to you that with reference to men of the character and calibre of yourselves, there ought not to be any serious basis for disagreement between you and your banker with relation to what you ask and expect of the banker and what the bank does. If you make an application to a bank for credit and don't get it, the probabilities are very great that it is solely due to a failure on the part of the banker to fully understand just exactly who you are, what it is you want, why you want it, and how you are going about your business. It is perhaps a fault of the banker; many times it is the fault of the bank to the extent of its utter inability to comprehend such matters. It may on the other hand, be the fault of yourselves or of the particular agent or representative that you send to talk to the banker, due to his inability to represent a clear picture of the foundation upon which your credit rests that you are asking of the bank.

I thing if a great deal of attention is paid to seeing that the banker fully understands what you want and that you have his full and complete confidence, most of the difficulties, if there are any, will vanish as between yourself and the banker. A banker is a curiously narrow-minded, incompetent, kind of creature. I can say that to you because I know. I can't go down to a bank as most men engaged in other large business—knowing that today I will take up and deal particularly with a certain matter which will be my forenoon's work. When one goes into the bank, he does not know what he is going to do. What you do depends upon who comes in and what he comes in about. You have sat for years and years in a bank and you haven't the slightest conception of what is going on in the outer world. You say bankers should go around and see. Of course they should, but they can't do it anymore than you go around and see what the other fellows are doing.

The Banker's Position

The banker sits there, dealing with you, listening to a hurried discussion, fragmentary and incomplete according to your ability to give him a conception of your ability to do the work; getting a very immature understanding of what you are talking about, realizing that two or three other men are standing out there first on one foot and then the other, waiting for you to get through, so they can come in to talk.

The man in banking work sits there working on several things bearing no close relationship to anything else and he is trying to get a fragmentary scrap of information upon which to base an intelligent discussion as to whether he shall extend credit in the amount that the customer desires. It is a state of mind—one of moderate bewilderment—a kind of feeble, imperfect effort to understand different matters upon which he must extend credit, and the obligation upon you is heavy to help the banker understand what you are talking about and what you want to do. But if it does interest you at all to understand how a bank regards applications for credit, not from contractors particularly, but from anybody, there are a few tests that are applied to it. The first question is, who is this man that asks this credit? You want to know something about the man; you want to know something about his working character, with regard to keeping his obligations, his backbone and manhood. There are people who come into the bank with a perfectly fair exterior appearance who talk pleasantly, are plausible and agreeable, but coming to a crisis as to a decision to be made by that man, whether he shall lose or the bank shall lose, he will choose the bank. You have to know. There is absolutely no certain basis of giving credit, but you can conceive the situations that might arise which are very trying, both to the man and to the bank. Suppose a man owed the bank $10,000 and got into a worse and worse situation until he got down to the point where he was practically through and broke, and perhaps had just about $10,000 and had a wife, perhaps a sick wife, and two or three children, and he had to make a decision right then whether he would pay his $10,000 note to the bank, or whether he would give it to his wife and children. Now it is a pretty hard question as a man approaches closer and closer to a situation of that kind and there is placed a harder and harder test upon the fiber of his moral character. Situations of that kind don't often arise, but the thing you want to know is that his human, moral character, as far as it goes as we understand it, must enjoy your absolute and full confidence.

Who Shall Receive Loans?

Now the question about his loan is, is it good now? Is the man financially in position this minute to pay? Is it good? He places before you a statement as to his assets and liabilities—perhaps collateral, which is more advisable. You look these over and form your judgment. You don't know whether the statement is true.

The next question is, is he going to stay good? He isn't going to pay the loan now, but several months from now. That requires an inquiry into what has been his business history. Has he been a man who engaged in his pursuit or line of business or occupation several years, and has pursued that continuously, faithfully and successfully ever since? As you look back over a series of statements rendered to your bank at the close of each year for the last two, three, five or ten years, you can say: 'Yes, you can see at the end of each year, that he has accumulated during that year substantial profit in excess of all deductions of every sort and in excess of everything that he took out of the business for his own living and still had some profit that remained in the business, so that his net worth in the business has steadily increased in every year—a history of business success—a competent successful man. Is he that type or did he go into the contracting business last year, having prior to that been in two or three other things and made a failure or only a moderate success in each one of them? We want to know about a man's capacity to succeed.

After all the really important thing about it is this—that man comes in to the bank to borrow $50,000 from the bank and the real question is what is he going to do with the $50,000? Now will he lose it, or will he make good and bring it back? What is the man's capacity to carry on his business successfully as proved by his character and history of his business so far?

There is still another question. This note that he gives us in going to fall due in three or four months. Naturally you are desirous that it shall be paid, because it is a whim of men engaged in the banking business that they want to exact payment of notes. It is because they hold deposits subject to check and they must have them in a condition more or less liquid. We have loans that stand pretty constantly at about $25,000,000. That is our quota of loan money. In the course of a year we loan about $100,000,000 or about four times the total loanable funds of the bank. We have to loan about this amount in order to meet the legitimate borrowing requirements of our customers. Necessarily, then the average loan must run about three months. Some of them run longer, some by prearrangement, and some run several years, when originally it was intended that they should run only thirty days.

The Borrower's Obligation

It is really necessary, if a bank shall fully perform the function in the community and serve its customers as it should, that its loans should have a due date not many months off and loans should be paid when due. That raises the next question. The borrower says he wants this money for three months. Where is the money going to come from to pay it back? Let's look at the statement; let's look at his operations. It is really a necessary requirement that it shall clearly appear from the purpose for which he is going to use the money that by using it and carrying forward those purposes to completion, upon the completion there will automatically come to him out of the business that he did, a sum of money with which he shall retire this note at maturity, and that the probabilities are, if the plans are carried out, that that money will come to him and he will come in and pay his note.

That is about the final requirement, except one. Does he do anything for the bank? I don't mean in any selfish sense that we are trying to get business from him, but does he carry a balance at the bank at least great enough to compensate the bank for handling his business.

The simplest view of the banking business is that general business men carry on deposit their surplus, temporarily unused cash, their working funds. It is by the utilization of these funds that the bank makes money. His loan depends upon the supply. If he carries with the bank substantial deposits, subject, of course, to his check, then the banks' power to extend credit is correspondingly greater.

You have to know the man; you have to know his character; and his capacity to carry on his business. You have to know that at the moment, he is financially good; you have to know that he is going to stay good; and you have to know that he is doing at least his part toward the maintenance of the bank as an institution.

THE CONTINUED INCREASE IN BUILDING COSTS

In February, 1922, the index of building materials prices was 156, and in February, 1923, it was 192, or 92 per cent above the average for the yer 1913, according to the Bureau of Labor.

The wage index of the building trades is about 180, or 80 per cent above the 1913 level. During the summer of 1920 the building wage index reached its peak at 200. There are abundant signs that it will attain that peak again before the close of 1923, and it may go even higher than 200.

The unprecedented magnitude of building permits issued in January and February forecast a year of greater building activity than this country has ever witnessed. This, of course, will cause building wages to rise. Already the building contractors in Chicago have agreed to a scale of $1.25 an hour for nearly all skilled labor beginning in June. This is an increase of about 12 per cent. If all other cities should show an equal increase in wages this year, the average building wage will be 200 per cent as compared with 100 per cent in 1913.

Building material prices are now only 4 per cent below the 200 per cent level, and will undoubtedly go above 200 this year.

This will be a dangerous year for building contractors who fail to insure against rising costs by adding liberally to estimates based on present prices. Hark back four years and you will be impressed by the risks that now confront the contractor. In the spring of 1919 the building materials price index was about 170, but twelve months later if was 300, or an increase of 80 per cent in material prices within a year! In the spring of 1919 the building wage index was 150, and 15 months later it was 200, or an increase of 33 per cent, but that was not the worst of it, for the daily output of the workman had decreased 10 to 25 per cent.

While this history will not repeat itself exactly, there is strong likelihood that building costs will increase very much during the current year.—Engineering & Contracting.

S. F. BUILDING OPERATIONS FOR MARCH TOTAL $3,229,572

Private building operations in San Francisco for the month of March, 1923, totaled $3,229,572, according to John P. Horgan, chief inspector of buildings of the Department of Public Works. During the month 977 permits were issued. The number of permits for the past month exceed those of any one month since October, 1906, when 1122 permits were granted.

During March 437 permits were issued for frame buildings; 75 per cent of these being for homes, representing an expenditure of $2,315,287. As compared with the total for February of this year, the operations for March show a loss of $39,104. Compared with those of January of this year the March activities show a gain of $23,761.

Following is a segregated report of the activities for March, 1923, as compiled from the records of the City Building Bureau:

Class	No. of Permits	Cost
"A"	1	$ 90,000
"B"	1	70,000
"C"	27	435,100
Frames	437	2,315,287
Alterations	511	319,185
Total	977	$3,229,572

Building News Section

APARTMENTS

Plans Completed.
APARTMENTS Cost, $20,000
SAN FRANCISCO, NE 28th Ave. & Anza
Two-story frame and stucco apartments, (4 4-room).
Owner—Dr. Claud Perry.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.

Sketches Prepared.
APT. HOUSE Cost, $125,000
OAKLAND, Alameda Co., Cal.
Eight-story reinforced concrete apartment house.
Owner—Withheld.
Architect—Roy F. Bancroft and F. H. Slocombe, St. Marks Hotel, Oakland

Figures To Be Taken Next Week.
STORE & APTS. Cost, $35,000
SAN FRANCISCO, 10th Ave. & Geary Street.
Three-story frame and stucco store and apt. bldg. (8 3-room apts).
Owner—Jacob Weissbein.
Contractor—H. C. Baumann & Edw. W. Jose, 251 Kearny St., S. F.
Figures will be taken for a general contract.

Contract Awarded.
APTS & STORE Cost $—
SAN FRANCISCO, W Valencia bet. 16th and 17th Sts.
Two-story frame and stucco apt. and store building (8 2-room apts).
Owner—Jacob Weissbein.
Architect—H. C. Baumann & Edw. W Jose, 251 Kearny St., S. F.
Contractor—Meyer Bros., 5326 Geary St San Francisco.

Plans Being Figured.
STORE & APTS. Cost, $—
SAN FRANCISCO, Ocean Ave. & Capitol
Three-story frame and stucco store and apartment building.
Owner—A. J. Branagan.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.

Plans Being Prepared—To Be Done By Day's Work.
APT. BLDG. Cost, $125,000
SAN FRANCISCO, SE Jones St & Stevelee Place.
Six-story and basement reinforced concrete apartment building.
Owner—D. J. Clancy, 2884 Folsom St., San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.

Contract Awarded.
ALTERATIONS Cost, $17,000
SAN FRANCISCO, NW Bush St. and Van Ness Avenue.
Alter apartment house. (There are 2 8-room apts on each floor, these will be divided into 4 4-room apts.)
Owner—Iverness Apartments.
Architect—Wm. F. Gunnison, 57 Post St., San Francisco.
Contractor—A. L. Stone 4234 Kirkham St., San Francisco.

Plans Complete.
APARTMENTS Cost, $80,000
SAN FRANCISCO, N Washington 128-9 E Jones.
Four-story and basement concrete apt bldg. (19 apts)
Owner—Mrs A. G. Boggs, 1266 Washington, S. F.
Architect — Julia Morgan, 1135 Merchants Exchange Bldg., S. F.

Plans Being Prepared.
APT. BLDG. Cost, $95,000
SAN FRANCISCO, E Leavenworth St., bet. Sutter and Post.
Six-story class C reinforced concrete apt building (36 2-room apts.)
Owner—Dr F. R. Orella, 326 Geary St., San Francisco.
Architect—O'Brien Bros., 315 Montgomery St., San Francisco.

Bids Opened—Plans To Be Revised and Figured By Low Bidders.
APARTMENTS Cost, $150,000
ALAMEDA, Alameda Co., Cal., Grand and Central Avenue.
Three-story reinforced concrete apartment house with roof garden (21 2, 4 and 5-room apts.)
Owner—L. Kaliski.
Architect—A. A. Cantin, 68 Post St., San Francisco.

General Contract

John Morton, Balboa Bldg S. F.	$151,582
H. P. Nelson	163,650
Larsen & Siegrist, S. F.	153,297
Mission Concrete Co., S. F.	156,763
C. C. Williams, Oakland	159,580
D. J. Mahoney	159,933
Cobby & Owsley, S. F.	160,320
Schnebly & Hostrawser, Okd.	169,289
Monson Bros., S. F.	170,700
Ed. Randlett, Alameda	174,890

Plumbing

Carl T. Doell, 467 21st St., Okd.	$11,136
W. H. Picard, Oakland	11,990
R. Dalziel Co., Oakland	12,286
Gootstein, Alameda	12,360
Scott Co., Oakland	12,890
A. Feldhammer, Alameda	13,700

Heating

Geo. C. Bell, 1826 E-15th St., Okd.	$5230
Scott Co.	5284
W. H. Picard	5290
R. Dalziel Co.	5517
K. Nottingham	5859
A. M. Fearey	5900
Sugarman Heating Co.	5917
Edwards, Oakland	5995
Carl T. Doell	6317

Electrical Work

Strom Elec. Co., 1350 Park, Ala.	$5590
M. E. Ryan, S. F.	5960
Newbery Elec. Co.	5971
Spott Elec. Co.	5990
Crown Elec. Co.	6050
Severin Elec. Co.	6200
Advance Elec. Co.	6325
Spencer Elec. Co.	6450

Elevators

Otis Elev. Co., S. F.	2985
Pacific Elev. Co.	3185
Montgomery Elev. Co.	3790

Sub-Figures Being Taken By Architect.
STORE & APT. Cost, $120,000
SAN FRANCISCO, NE Sutter & Larkin.
Six-story and basement class C store and apt. bldg. (38 2 & 3-room apts. and 3 stores)
Owner—Peter Bradley, 180 Jessie St., San Francisco.
Architect—E. H. Denke, 1317 Hyde St. San Francisco.

Sub-Contracts Awarded.
APT. HOUSE Cost, $350,000
SAN FRANCISCO, SW Chestnut and Larkin.
Eight-story and basement class B apt. house (32 apartments).
Owner—W. L. Growall, Mutual Bank Bldg., San Francisco.
Architect—Wm. Knowles, Hearst Bldg., San Francisco.
Contractor—Lange & Bergstrom, Sharon Bldg., San Francisco.
Grading—Carlin Grading Co., 180 Jessie St.
Glass & Glazing—W. P. Fuller Company, Beale and Mission Sts.
Roofing—Alta Roofing Co., 570 Waller
Heating—Lawson & Drucker 450 Hayes St., San Francisco.
Mill Work—Pacific Mfg. Co., 177 Stevenson St., San Francisco.
Plumbing—Frederick W. Snook & Son, 596 Clay St., San Francisco.
Steel Forms—Steelform Contracting Co. Monadnock Bldg., San Francisco.
Tile—Ginsberg Tile Co., 540 Turk St.
Reinforcing Steel—Edw. L. Soule Co., Hiatt Bldg., San Francisco.
Electric Work—Watts Electric Co., 389 4th St., San Francisco.
Painting—D. Zelinsky & Sons, 422 Turk St., San Francisco.
Ornamental Iron—C. J. Hillard Co. 19th and Minnesota, S. F.
Plastering—Peter Bradley, 180 Jessie St San Francisco.
Marble—Joseph Musto Sons-Keenan Co., 555 N Point St., San Francisco.
Elevators—Otis Elevator Co., Beach & Stockton, San Francisco.

Figures To Be Taken This Week.
APT. HOUSE Cost, $200,000
SAN FRANCISCO, S Green 223 E Jones.
Six-story, basement and attic class B apartment house (11 5 and 6-room apartments).
Owner—Dr. C. R. Bricca.
Architect—C. A. Meusdorffer, Humboldt Bank Bldg., San Francisco.

Contractor Taking Sub-Figures.
APT. HOUSES Cost, $$50,000 ea.
SAN FRANCISCO, W Leavenworth 68-9 and 103 O'Farrell.
Two 5-story and basement brick apt. house bldgs. (24 apts. each).
Owner—Acme Investment Co. 251 Kearny St., San Francisco.
Architect—D. C. Coleman, 110 Sutter St., San Francisco.
Contractor—Monson Bros., 251 Kearny St., San Francisco.
Bids for the plumbing have been opened; Thos. Skelly, 180 Jessie St., submitted the lowest bid at approximately $16,000.

SAN PEDRO, L. A. Co., Cal.—W. L. North, San Pedro, is preparing plans for a 2-story brick apt. house, containing 32 apts., to be erected at s. e. cor. 39th St. and Pacific Ave., for himself. There will be 5-room bungalow on the rof. Est cost of project complete $80,000.

LOS ANGELES, Los Angeles Co., Cal.—Ley Bros., 634 S. Western Ave., have the contract to erect a four-story Class C brick apartment house at NE Cor. of Wilshire Blvd. and St. Andrews Place, for E. V. Cooper. It will contain 128 rooms, 64 apts., brick walls, plaster exterior, cast stone trim, comp. roofing. Cost, $175,000.

LOS ANGELES, Cal.—Archts. Russell & Alpaugh, 1106 Story Bldg., are preparing plans for a 4-story and basement brick apt. house to be erected at s. w. cor. of St. Andrews Pl. and 6th St., for J. G. Obendorff. It will be 73x150 ft. and will contain 116 rooms, 50 apts.; brick walls, cast stone and press. brick exter. Cost, $200,000.

SANTA MONICA, L. A. Co., Cal. — Robert B. Paysee and H. A. Bolker, Santa Monica, have completed plans and will erect a 3-story brick apt. house, 150x150 ft. at Euclid Ave. and Santa Monica Blvd. There will be stores on the ground floor with 45 apts. above. There will be roof garden, automatic freight and passenger elevator, laundry ice water service, heating plant, and other features. Work will be started in about 2 weeks. The bldg. is being erected for Mrs. Frances L. McMahan, and Herman L. McMahan.

LOS ANGELES, Cal.—May & Hellman 109 N Maryland Ave., Glendale, are completing plans for a 3-sto and basement brick store and apt. bldg., 50x133 ft., at Broadway and Maryland for H. S. Burns, 108 N Maryland, and S. P. Day; press brick fronts with tsrra cotta trim comp. rfg., steel frame, 1-sto., Verde marble entrance to stores, cem. work. Cost $100,000; bids will be taken about April 15.

LOS ANGELES, Cal.—M. McNaughton 1924 E Vernon Ave., has the contract to erect a 56-room, 28-apt. bldg. on Bond St. near Pico St., for C. J. Ramsey, King Edward Hotel. Two-sto., 79x118 ft., frame and plas. constr., comp. and tile rfg., cost $81,000.

BONDS

VACAVILLE, Solano Co., Cal.—Vaca Valley School District vote $25,000 additional bonds to finance completion of new school as provided in original plans. Geo. C. Sellon & Co., Mitau Bldg., Sacramento, is the architect.

MANTECA, San Joaquin Co., Cal.—Calla School District will hold election April 24 to vote bonds of $8,000 to finance construction of 2 classroom addition and to alter the assembly hall.

MERCED, Merced Co., Cal. — Until April 16 bids will be rec. by county supervisors for purchase of $20,000 bond issue of Los Banos School District; proceeds of sale to finance school improvements.

LOS ANGELES, Cal.—County of Los Angeles will submit to voters on May 1, primary election date, two bond issues as follows: $5,000,000 for acquiring land and constructing additional buildings at the county hospital, Olive View Sanitarium and at the county poor farm; and $2,000,000 for constructing a county jail and hall of justice.

HUGHSON, Stanislaus Co., Cal.—Election held to vote bonds of $75,000 to finance new grammar school building failed to carry by small majority.

SANTA ANA, Orange Co., Cal.—The new election on the Santa Ana School District $150,000 bond issue will be held April 24. The bonds previously voted were purchased by the Callfornia Bank, but were refused on account of legal irregularity.

CERES, Stanislaus Co., Cal.—Proposition to vote bonds of $15,000 to finance construction of gymnasium for Ceres High School District failed to carry.

SAN JOSE, Santa Clara Co., Cal.—Until April 16, bids will be rec. by county supervisors for purchase of $15,000 bond issue of Sunnyvale School District; proceeds of sale to finance school improvements.

SAN JOSE, Santa Clara Co., Cal.—Supervisors sell $72,000 bond issue of Mayfield School District for premium of $1,317. Proceeds of sale will finance school improvements.

YUBA CITY, Sutter Co., Cal.—Bonds of $10,000 voted in Yuba City Grammar School District to finance purchase of lands for school additions and paving of streets fronting school property.

TULARE, Tulare Co., Cal.—Bonds of $6,500 voted in Linder School District to remodel, enlarge and re-furnish present school.

BAKERSFIELD, Kern Co., Cal.—Election will be held April 25 in Fruitvale School District to vote bonds of $5,000 for school improvements. Trustees are: G. A. McLean, G. W. Rea and J. H. Redstone.

BUTTE CITY, Glenn Co., Cal.—Election to vote bonds of $14,000 to finance construction of auditorium for Butte City Grammar School District, failed to carry by 2 votes.

MODESTO, Stanislaus Co., Cal.—Laird School District votes bonds of $15,500 to finance construction of 2-classroom school and remodel the present structure for an auditorium.

REDWOOD CITY, San Mateo Co., Cal.—Until April 16, bids will be received by County Supervisors for purchase of the $56,000 bond issue of the Redwood City School District; proceeds fo sale to finance school improvements.

CHURCHES

Contract Awarded.
CHURCH Cost—
SAN FRANCISCO, SE Clay and Divisadero.
Class C church.
Owner—Sixth Church of Christ Scientists.
Architect—W. H. Crim Jr., 425 Kearny St., San Francisco.
(41446) 1st report Feb. 18, 1922. 3
Structural steel awarded to Ralston Iron works, 20th & Indiana Sts., $5429.
Concrete work to Chas. Sartorio, 180 Jessie St., $7388.

Contract Awarded.
CHURCH Cost, $13,675
HAYWARD, Alameda Co., Cal. B St.
Frame and stucco church.
Owner—First Church of Christ Scientist.
Contractor—Sorensen Bros., 1110 C St., Hayward.

Bids Wanted for Removing Brick Foundation, Etc.—Concrete Bids To Be Taken Shortly.
CHURCH Cost $500,000 approx.
SAN FRANCISCO, SE Bush and Steiner Streets.
Reinforced concrete steel and terra cotta church (cast stone interior).
Owner—St. Dominics Church.
Engineer—P. Zucco, 166 Geary St., S. F.
Architect—Beezer Bros., (Louis Beezer in charge) 1915 Steiner St., S. F. and Seattle. (phone West 1543).
Bids are being taken for removing present brick foundation and crushing same for concrete work. In about a week bids will be taken for the reinforced concrete foundation. Later bids will be taken for other sub contracts.

Plans Being Figured.
CHURCH, ETC. Cost, $50,000
SAN FRANCISCO, Fourteenth and Belcher Streets.
Three-story frame and stucco church, parsonage and 10 apartments for girls.
Owner—Norwegian-Danish Mission.
Architect—W. J. Wythe, Central Bank Bldg., Oakland.

Plans Being Prepared.
CHURCH Cost, $25,000
ORLAND, Glenn Co., Cal.
Frame and stucco church.
Owner—Orland Methodist Episcopal Church.
Architect—W. J. Wythe, Central Bank Bldg., Oakland.

PASADENA, I. A. Co., Cal.—Wm. T Loesch, 109 S Chester Ave., Pasadena, has been awarded a contr. at about $215,000 for all work complete for erecting a new church bldg. at Pasadena for All Saints Episcopal Church. Johnson, Kaufman & Coate, 608 Union Bank Bldg., archts. It will contain an auditorium to seat 1000 people; masonry constr., 70x150 ft. brick walls, stone exter. facing, slate rfg., stone inter. trim, marble floor, art glass.

EUREKA, Humboldt Co., Cal.—Funds are being raised by Presbyterian Church to finance construction of new edifice in F St. A structure costing $60,000 is contemplated.

FACTORIES & WAREHOUSES

Plans Being Figured.
STORE & LOFT Cost, $35,000
SAN FRANCISCO, Drumm St., bet. California and Sacramento.
Three-story and basement. class B reinforced concrete store and loft bldg. with pile foundation.
Owner—Chas. Clinch Co.
Architect—H. C. Baumann & Edw. Jose, 251 Kearny St., S. F.

Plans To Be Prepared.
CREAMERY Cost, $170,000
NEWMAN, Stanislaus Co., Cal.
Concrete creamery.
Owner—Associated Milk Producers No. 53 Clay St., San Francisco.

JOOST BROTHERS
Builders' Hardware
Tools, Etc.
(Members Builders' Exchange)
1053 MARKET ST.
Phone Market 891 San Francisco

Plans Being Figured.
FACTORY Cost, $30,000
SAN FRANCISCO, Geary & Emerson Streets.
One-story reinforced concrete factory.
Owner—Jacob Weissbein.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.

Plans Being Figured.
STORE AND LOFT Cost, $—
SAN FRANCISCO, S Howard St. near Second St.
Two-story and basement reinforced concrete store and loft building.
Owner—Walter H. Sullivan.
Architect—Leo J. Devlin, Pacific Bldg., San Francisco.

Contract Awarded.
FACTORY Cost, $17,550
OAKLAND, E Linden, bet. 1st and 2nd.
One and 2-story concrete brick and frame factory.
Owner—California Packing Cptn., 101 California St., S. F.
Engineer—Philip Bush, 101 California St., San Francisco.
Contractor—H. J. Christensen, 505 17th St., Oakland.

Plans Being Figured.
BUILDING Cost, $2500
SAN FRANCISCO, Welch St. near 4th.
One-story corrugated iron bldg.
Owner—P. Saracco Co., 565 Bryant St. San Francisco.
Architect—None.

Plans Being Figured.
SHOP BLDG. Cost—
SAN FRANCISCO, Harrison St. near Fourth.
One-story concrete or brick office, salesroom and shop bldg.
Owner — Peninsula Burner & Oil Co., 2156 3rd St., San Francisco.
Architect—Mr. Dreyfus, 2156 3rd St., San Francisco.

PORTERVILLE, Tulare Co., Cal.—W. A. Hawley, owner of Rosecrest Farm, will erect packing plant on Santa Fe line running through Porterville.

LOS ANGELES, Los Angeles Co., Cal.—G. G. Stuart, 419 Lissner Bldg., is preparing plans and has the contract on a percentage basis for the erection of a three-story Class A loft building, on Wall St., bet. 12th and Pico Sts., for Lloyd & Cassler, 409 Junior Orpheum Bldg. Cost, $90,000.

LOS ANGELES, Cal.—Weymouth Crowell Co., 2026 W 9th St., has been awarded the gen. contr. at $173,800 for erecting a 5-story class A bldg. on E First St., near Alameda St., for L. A. Morgan. Walls & Morgan, 1124 Van Nuys Bldg., archts. Other contracts awarded were: Elevators to Otis Elevator Co. at about $14,500; plumbing and heating to Howe Bros., at $7619; and sprinkling system to Rockwood Sprinkler Co. at $14,991. It will be a combination office and warehouse bldg.; 60x270 ft., reinf. conc. constr., steel sash, steel rolling doors, elevators, etc.

RENO, Nevada — Washoe County Chamber of Commerce, Reno, conferring with James Haah, president of Washoe County Farm Bureau, regarding the establishment of a condensed milk plant in Reno. A plant costing from $75,000 to $100,000 is proposed. W. H. Simmons, president of the Washoe County Bank and Reno Grocery Company is a prime mover in the proposed project.

OAKLAND, Cal.—Representatives of the Montgomery, Ward Company, one of the largest mail order houses in the U. S., are in Oakland to select a site on which will be erected a $200,000 plant. Details of construction will not be available until a site is selected.

SAN LUIS OBISPO, San Luis Obispo Co., Cal.—B. O. Larsen, Atascadero, has been awarded contr. at about $25,000 to erect a creamery building at Nipomo and Higuera Sts., for Swift & Co. Capt. H. Watson, construction engr.

SEATTLE, Wash.—Stoddard & Son, architects and engineers, Lyon Bldg., taking bids to erect one-story, 72x150 ft., mill construction factory for Federal Tank & Pipe Co.

OAKLAND, Cal. — See "Dredging, Harbor Works and Excavations," this issue.

FLATS

Plans Being Figured.
FLATS Cost, $14,000
SAN FRANCISCO, Divisadero St., near Green.
Two-story frame and stucco residential flats.
Owner—Dr. A. Milllken.
Architect—Arthur S. Bugbee, 26 Montgomery St., San Francisco.

GARAGES

Plans Being Prepared.
GARAGE Cost, $30,000
OAKLAND, Alameda Co., Cal.
One-story reinforced concrete garage.
Owner—Louis R. Lurie Co., 315 Montgomery St., S. F.
Architect—O'Brien Bros., 315 Montgomery St., San Francisco.
Lessee—Pacific Tel. & Tel. Co.

FOLSOM, Sacramento Co., Cal.—A. Turner, Folsom, will erect garage with 97 ft. frontage to replace structure recently destroyed by fire. Struc will be occupied by F. J. Newman, operating under the name of the "Folsom Garage."

LONG BEACH, Los Angeles Co., Cal. —Architects Curlett & Beelman, 408 Union Bank Bldg., Los Angeles, are preparing plans for a five-story Class A, own-your-own garage to be erected on Atlantic Ave. near First St., Long Beach, for Motor Home, Inc. Milton Realty Co., 114 Locust Ave., Los Angeles, is the fiscal agent. The building will be reinf. concr. constr., 150x150 ft., plaster exterior, tile and composition roofing, automatic sprinkler system, ramps, etc.

MERCED, Merced Co., Cal.—Purchasing Agent, Merced Irrigation District, desires bids for various garage and auto supplies.

GOVERNMENT WORK AND SUPPLIES

WASHINGTON, D. C.—The following bids were received by the director of the veterans' bureau, Washington, on March 29, for the construction complete of a tuberculosis hospital at Livermore, Cal.:

Bid 1, Mahoney Bros., 866 Flood Bldg. San Francisco, Calif.

2. Sound Construction and Engineering Co., Lowman Bldg., Seattle, Wn.

3. Robert Trost, 26th and Howard Sts., San Francisco, Calif.

4. Hannah Bros. & C. L. Wold, 142 Sansom St., San Francisco, Calif.

5. R. E. McKee, 1900 Texas St., El Paso, Tex., deduct $5000 if 2 in. tile is used, deduct $10,000 if 1 in. tile is used, deduct $15,000 for using duraflex, deduct $20,000 for using insulate.

6. American Carbonic Machinery Co. Wisconsin Rapids, Wis., $24,875 for refrigerating machinery.

Item 1. Work complete—Bid 1 $1,698,400; 2, $1,691,630; 3, $1,764,827; 4, $1,732,721; 5, $1,665,700.

Item 2. Deduction for omission of building No. 1—Bid 1, $20,709; 2, $22,273; 3, $18,840; 4, $21,996; 5, $18,900.

Item 3. Deduction for omission of building No. 2—Bid 1, $159,361; 2, $157,018; 3, $175,260; 4, $170,945; 5, $157,600.

Item 4. Deduction for omission of building No. 3—Bid 1, $237,678; 2, $234,728; 3, $250,500; 4, $241,995; 5, $234,900.

Item 5. Deduction for omission of building No. 4—Bid 1, $220,433; 2, $210,697; 3, $238,850; 4, $219219; 5, $212,800.

Item 6. Deduction for ommission of building No. 5—Bid 1, $142,023; 2, $155,717; 3, $153,170; 4, $145,015; 5, $135,100.

Item 7. Deduction for omission of building No. 6—Bid 1, 73,896; 2, $74,992; 3, $82,640; 4, $76,910; 5, $82,100.

Item 8. Deduction for omission of building No. 7—Bid 1, $67,867; 2, $67,268; 3, $75,660; 4, $68,189; 5, $72,400.

Item 9. Deduction for omission of building No. 8—Bid 1, $98,910; 2, $104,634; 3, $106,480; 4, $105,407; 5, $100,800.

Item 10. Deduction for omission of building No. 9—Bid 1, $27,797; 2, $28,837; 3, $30,820; 4, $33,375; 5, $26,250.

Item 11. Deduction for omission of building No. 10—Bid 1, $50,207; 2, $49,576; 3, $49,260; 4, $49,542; 5, $46,750.

Item 12. Deduction for omission of building No. 11—Bid 1, $82,205; 2, $80,373; 3, $84,070; 4, $83,593; 5, $81,600.

Item 13. Deduction for omission of building No. 12—Bid 1, $92,987; 2, $93,712; 3, $96,110; 4, $96,094; 5, $78,400.

Item 14. Deduction for omission of building No. 13—Bid 1, $10,419; 2, $10,136; 3, $9770; 4, $7951; 5, $9300.

Item 15. Deduction for omission of building No. 14—Bid 1, $9680; 2, $9792; 3, $10,480; 4, $10,664; 5, $8700.

Item 16. Deduction for omission of building No. 15—Bid 1, $15,704; 2 $14,876; 3, $16,090; 4, $15,247; 5, $14,800.

Item 17. Deduction for omission of each building 16, 17 and 18—Bid 1, $22,591; 2, $21,876; 3, $22,680; 4, $22,913; 5, $20,400.

Item 18. Deduction for omission of each building 19 and 20—Bid 1, $18,940; 2, $20,969; 3, $20,280; 4, $20,312; 5, $17,100.

Item 19. Deduction for omission of building No. 21—Bid 1, $9981; 2, $9679; 3, $10,370; 4, $10,494; 5, $2150.

Item 20. Deduction for omission of building No. 22—Bid 1, $1360; 2, $2545; 3, $1600; 4, $1892; 5, $300.

Item 21. Deduction for omission of building No. 23—Bid 1, $10,978; 2, $70,371; 3, $12,970; 4, $1005; 5, $6600.

Item 22. Deduction for omission of building No. 24—Bid 1, $5223; 2, $5725; 3, $4810; 4, $6037; 5, $6050.

Excavation—Bid 1, $1.50; 2, $1.50; 3, $2; 4, $2; 5, 75c.

Concrete mass—Bid 1, $14; 2, $15; 3, $14; 4, $16; 5, $11.

Reinforced concrete—Bid 1, $25; 2, $28; 3, $30; 4, $30; 5, $23.

Reinforced steel—Bid 1 $75 delivsred; 2, $71; 3, $75; 4, $80; 5, $82.

Structural steel—Bid 1, $130; 2, $130; 3, $135; 4, $130; 5, $140.

Brick—Bid 1, $45; 2, $50; 3, $45; 4, $60; 5, $43.

Gravel roads—Bid 1, $2.30; 2, $1.25; 3 $1; 4, $1.50; 5, $1.20.

Concrete sidewalk—Bid 1, 25c; 2, 25c; 3, 25c; 4, 30c; 5, 24c.

Duraflex composition floor — Bid 1, $3.50, alternate $2.25; 3, $2.20; 4, $2.50; 5 $3.65, alternate $2.30.

Linoleum—Bid 3, $2.30; 4, $3.50; 5, $2.80.

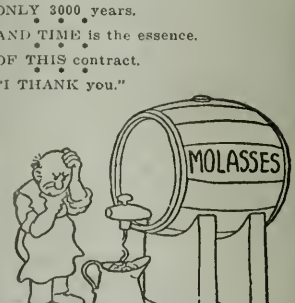
Time—Bid 1, start 15 days, complete 390; 2, start 10 days, complete 350; 3, start 7 days, complete 425; 4, start 5 days, complete 550; 5, start 10 days, complete 365.

SAND-LADEN PLANES NOW MAKING RAIN

WASHINGTON, March 10. — Rainmaking by use of the airplane has been demonstrated to be practicable in experiments conducted at the Dayton Army Air Station, Brig. Gen. William Mitchell of the Army Air Service, said in an address here. An airplane is sent up loaded with fine sand which had been charged with positive electricity. When the sand was shot into the clouds a precipitation was induced, he said.—News item.

SAND IS used.
FOR SO many purposes.
THAT CLARENCE Sand Pratt, President.
OF THE Pratt Building Material Co.
DOUGLAS 300—"easy to remember."
IS NOT surprised.
AT THE above.
OR ANY similar story.
SANDY PRATT produces sand.
FOR MANY, many purposes.
YOU CAN buy concrete sand.
FROM SANDY Pratt's Sand Co.
AND YOU can also.
BUY PLASTERING.
AND BRICK mortar sand.
FROM THIS well-known concern.
AND DEAR reader, and others.
DO YOU know.
THAT PRATTCO Amber Sand.
FOR SAND blasting.
IS THE best.
IN THE world.
AND PRATTCO Amber Sand.
IS USED for sand blasting.

BECAUSE IT is hard.
SANDY WOULD say.
"THE HARDEST sand.
IN THE world."
PERHAPS YOU would be interested.
TO KNOW.
THAT SANDY'S company.
ARE LARGE shippers.
OF LOCOMOTIVE sand.
AS WELL as river sand.
FOR PLANT propagating.
SANDY COULD go on.
FOR YEARS and years.
TELLING ABOUT all the uses.
OF PRATT'S washed sand.
BUT KING Tut.
HAS BEEN dead.
ONLY 3000 years.
AND TIME is the essence.
OF THIS contract.
"I THANK you."



Soon they will be using (Pratt's) sand to make Coca Cola, root beer, ice cream soda and everything. All chemists admit that Pratt's sand is clean.

Segregated Figures Being Taken—Bids Close April 10, 1923, 11 a. m.
WARD BLDG. Cost, $55,000
SAN FRANCISCO, Letterman General Hospital.
Two-story concrete ward building.
Owner—U. S. Government.
Architect — Constructing Quartermaster's office, Fort Mason.
Bids are being taken for a general contract, heating, plumbing and electrical work. The following is a list of some of the general contractors who have applied for plans: Alfred Vogt, Schultz Constr. Co., Mahoney Bros., S. F. Fletcher of Vallejo, Dan Const. Co. of Oakland, and Whitman, of Halfmoon Bay.
Plans may be obtained from the Consulting Quartermaster's Office on a deposit of $10.

SAN DIEGO, Cal.—Lipscomb & Dutton, San Diego, at $4,252, time 45 days, submits low bid under Bureau of Yards and Docks Spec. 4816, to construct pier, float and gangway at San Diego. Other bids: E. D. Barclay, San Diego, $5,535. Great Western Building Co., San Diego, $5,777; 60 days. San Francisco Bridge Co., San Francisco, $5,900; 60 days. Fred W. Steffgren, San Diego, $6,309; 50 days. De Waard & Cobham, San Diego, $6,490; 90 days.

WASHINGTON, D. C.—Chief of Engineers, U. S. Army, authorizes dredging in Los Angeles Harbor, ets. cost, $450,000. Bids will be taken by district eng. at Los Angeles.

SAN DIEGO, Cal.—Until April 15, bids will be rec. by bureau of yards and docks, Washington, D. C., for complete street lighting system for the naval training station, San Diego. Norman Smith, commander 11th naval dist., San Diego.

WASHINGTON, D. C.—Bids are being rec. by Bureau of Supplies and Accounts, Navy Department, for fur. following materials; date for opening bids as noted at end of each paragraph:
Schedule 662, for Puget Sound, Wash., 46 storage battery traps. April 24.
Sched. 664, for Mare Island, Calif., 2,500 feet radio frequency cable on reels, April 24.
Sched. 670, for Mare Island and Puget Sound, steel wire rope. April 24.
Sched. 689, for eastern and western yards, 2,050 dozen corn brooms. April 17.
Sched. 685, for eastern and western yards, 12,00 casting brushes. April 24.
Sched. 686, for eastern and western yards, 6,932 hand and deck swabs. April 24.

WASHINGTON, D. C.—The Secretary of the Interior has authorized the reclamation service to contract with the Bucyrus Co. of South Milwaukee, Wis., for the purchase of two 80-B electric-driven shovels, at a cost of about $100,000, for use on the McKay dam, Umatilla irrigation project, Oregon.

HALLS AND SOCIETY BUILDINGS

Bids to be Asked Shortly.
LODGE ROOMS Cost, $90,000
MODESTO, Stanislaus Co., Cal. 13th and I Streets.
Four-atory brick or concrete stores and lodge rooms.
Owner—Modesto Lodge of Elks, Dr. J. W. Morgan, Exalted Ruler.
Architect—Jas. H. Hoose, Ramont Bldg. Modesto.

Site Selected.
CLUB BLDG. Cost,—
OAKLAND, Alameda Co., Cal., Clay St., bet. 12th and 13th Sts.
Class A Club Bldg.
Owner—Athens Athletic Club.
Architect—Not Selected.
The site has just been selected and it is underatood that plans will be prepared by an association of architects who are club members.

COLUSA, Colusa Co., Cal.—Buliding Committee of Colusa Women's Club will rec. bids until April 15 to construct club house. Plans on file in office of Grenfell Lumber Co., at Colusa.

YUBA CITY, Sutter Co., Cal.—Shamrock Camp No. 360, Woodman of the World, Yuba City, has organized building committee to raise funds to finance construction of $50,000 lodge hall. Will be two-story brick with stores on the ground floor.

LOS ANGELES, Cal.—Archt. S. Tilden Norton, 330 Pac. Finance Bldg., is preparing plans for a store and lodge bldg. to be erected at n. e. cor. 9th St. and Union Ave. for Independent Order B'Nai B'rith. It will be 3-story and part 4-story with 10 stores in first story and lodge rooms and club rooms in the upper stories; brick constr., 80x160 ft., press. brick and terra cotta facing.

VENICE, L. A. Co., Cal.—J. E. Hall, Los Angeles, has organized a social club to build a $350,000 club house at 707-09 Ocean Front. The proposed club house will have separate showers and baths for men and women, hair drying rooms for women, lounging rooms, card rooms, dance floor and other social features for men and women, who will occupy the bldg. on an equal basis.

ALAMEDA, Alameda Co., Cal.—First Methodist Church has filed petitions in the Superior Court for authority to sell residence property at Central Ave. and Oak St., the proceeds to finance construction of a community hall for church purposes.

OROVILLE, Butte Co., Cal.—Oroville Lodge of Independent Order of Odd Fellows has purchased a site at the corner of Meyers and Bird streets, 100 by 135 ft., and plan early construction of three-story fireproof lodge hall; est. cost, $250,000. Louis Riley, a member of the order, is prime mover in project.

YUBA CITY, Sutter Co., Cal.—Shamrock Camp, Woodmen of the World, vote to postpone construction of proposed $50,000 lodge and store building. It is expected, however, that a site will be purchased within the next few months and construction started the latter part of this year.

HOSPITALS

Contract Let.
HOSPITAL Cost, $42,000
MERCED, Merced Co., Cal. 27th and M Streets.
Two-story hollow tile hospital.
Owner—Mercy Hospital.
Architect—Ira W. Hoover, Planada.
Contractor—R. Pedersen, Merced.
R. Barcroft & Sons Co., Merced, awarded electric contract and Valley Plumbing Co., Merced, the plumbing contract.

Plans Being Figured.
HOSPITAL Cost, $100,000
SAN FRANCISCO, Trenton near Jackson.
Four-story and basement class C reinforced concrete hospital.
Owner—Chinese Six Companies.
Architect—O'Brien Bros., 315 Montgomery St., San Francisco.

UPLANDS, San Bernardino Co., Cal.—Campbell Constr. Co., Ontario, has been awarded general contr. at $47,850 for the constr. of the new San Antonio Community Hospital. The cem. contr. was awarded to W. C. Cline, Upland, at $28,000; electric wiring to Colborn Electric Shop, Upland, at $4400. Additional contrs. bringing the total cost up to $150,000 will be let at once.

HOTELS

Preliminary Plans Being Prepared.
HOTEL Cost, $300,000
MARYSVILLE, Yuba Co., Cal.
Six-story class C reinforced concrete hotel bldg. (125 rooms).
Owner—Withheld.
Lessee—Nelson and Rossi.
Architect—Willis C. Lowe, Monadnock Bldg., San Francisco.
Contractor—P. A. Palmer, Monadnock Bldg., San Francisco.
Preliminary plans are to be submitted the directors on April 3rd and if they are accepted, working drawings are to be completed within 60 days.

Figures To Be Taken Next Week.
HOTEL Cost, $250,000
MONTEREY, Monterey Co., Cal.
Three & 4-story reinforced concrete or hollow tile hotel (about 200 rooms).
Owner—Romie Jacks, Monterey.
Architect—O'Brien Bros., 315 Montgomery St., San Francisco.
HANFORD, Kings Co., Cal.—Maurice Rosenthal, Hanford, has purchased Artesia Hotel, 100 by 150 ft., at Sixth and Irwin streets and will spend $25,000 in remodeling the building.

ABERDEEN, Wash.—Architect A. H. Albertson, Henry Bldg., Seattle, commissioned to prepare plans for 5-story steel and concrete, 130 bk 100 ft., 125-room hotel for the Washington Hotel Company; est. cost, $350,000. C. A. Haynes, Architect, Aberdeen, will supervise construction.

HUNTINGTON PARK, Los Angeles Co., Cal.,—Joseph C. Heil and assoc., represented by W. M. Brooks, 1315 S. Flower St., contemplate the erection of a 6-story Class A hotel building, at 437 S. Pacific Blvd., Huntington Park; to contain 200 rooms, each with bath, with shops and large lobby on first floor. Reinforced concrete constr., 6-sto. and basement, press. brick and terra cotta facing, 57x150 ft. No architect has been retained.

SAN PEDRO, L. A. Co., Cal.—Archt. Rudolph Falkenrath, 419 Detwiler Bldg. L. A., has prepared tentative plans for a 4-story class A hotel bldg., to be erected in San Pedro for a local client; will contain 500 rms., large dining rm., lobby, etc. Pressed brick and terra cotta facing, reinf. conc. constr., 3 elevators.

LOS ANGELES, Cal.—Architects Eldredge & Jewell, 425 Pacific Finance Bldg., have completed plans for a 4-story hotel building, to be erected at 825 W. 11th St., for Melville Dozier; to contain 100 rooms each with bath, with 1 shop and lobby on first floor. Brick, steel joists constr., reinf. concr. slab floors and roof, 70x110 ft., press brick facing, terra cotta trim, hollow tile partitions. Cost, $125,000.

POWER PLANTS

HEALDSBURG, Sonoma Co., Cal. — Following bids taken under advisement by city trustees for pur. carload of poles for light and power department: Western Electric Co. $12.85 ea. on 35-ft.

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PORTLAND CEMENT
A Standard Portland Cement
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Plasticity and Waterproofness
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BUILDING MATERIAL DEALERS
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poles, and $14.40 ea. on 40-ft. poles; A. F. Stevens, 35-ft., $15.50 ea., 40-ft., $18 ea.; Pacific States Electric Co., 35-ft., $17.10 ea. 40-ft., $14.40 ea.

SAN FRANCISCO—The Pacific Gas & Elec. Co., (Purchasing Dept.) is taking bids for the structural steel for an extension to Station K at 24th Ave. and Balboa street.

The structural steel for Station C on Jessie street near 4th has been awarded to the Brodie Iron Works.

MENLO PARK, San Mateo Co., Cal.—Pacific Gas and Electric Co., 445 Sutter St., San Francisco, has appropriated $16,650 to reconstruct power lines serving Woodside and Menlo Park. Walter T. Kellogg is district manager in Menlo Park section.

SAN FRANCISCO — Great Western Power Co., 14 Sansome St., seeks authority of Railroad Commission to sell $4,000,000 of preferred stock to finance construction of additions and betterments to Feather River hydro-electric system during 1923-24.

TACOMA, Wash.—Until April 19, 12 M., bids will be rec. by Light and Water Commissioner, for fur. city's annual requirements in distribution transformers consisting of approx. 180 oil-immersed, self-cooled transformers in sizes ranging from 25 to 333 K. W. Est. cost, $75,000.

SEATTLE, Wash.—W. R. Hendrey & Co., Hoge Bldg., at $147,827.04, submits low bid to city council for fur. transformers for city lighting dept. Other bids: Kuhlman Elec. Co., $150,-553.29; Westinghouse Elec. & Mfg. Co., $150,739.50. Taken under advisement.

PUBLIC BUILDINGS

Sub-Figures Being Taken.
LIBRARY Cost, $14,000
BERKELEY, Alameda Co., Cal., 1125 University Ave.
One-story frame and stucco library (branch library for City of Berk.)
Owner—Roy O. Long, 2114 Shattuck Ave., Berkeley.
Architect—W. K. Bartgea, 2114 Shattuck Ave., Berkeley.
Contractor—Roy O. Long Co. 2114 Shattuck Ave., Berkeley.

SACRAMENTO, Cal. — Bids were opened in the office of the state architect on April 5th for the mechanical equipment for the state printing equipment for the state printing building now under construction in Sacramento on 11th & O Streets. Bids were taken under advisement.

Mechanical Equipment (Plumbing Heating & Ventilating)

Latourrette-Fical Co.	$33,220
Luppin & Hawley, Sacto.	34,769
Scott Lyman & Stack, Sacto.	35,100

Electrical Work

Latourette-Fical Co.	$10,399
Cal. Mech. & Elec. Eng. Co.	10,678
Butte Elec. Mfg. Co., S. F.	11,500

MARYSVILLE, Yuba Co., Cal.—W. H. Carlin, attorney, representing Mrs. Phoebe M. Rideout, has submitted a proposition to the county supervisors whereby Mrs. Rideout agrees to finance construction of a $120,000 auditorium in E St., bet. 8th and 9th Sts., the county to pay for same at $10,000 a year for a thirteen-year period, plus interest at 6½% on deferred payments. Construction is to be started, according to the proposed agreement, sixty days after articles are signed.

STOCKTON, San Joaquin Co., Cal.—City council will call election to vote additional bonds of $200,000 to finance construction of municipal auditorium as originally planned by the City Architectural Commission, composed of: Louis S. Stone, Glenn Allen and W. J Wright, 41 S Sutter St., Stockton.

Bids recently opened for this structure were rejected as being in excess of the amount available for construction.

WILLOWS, Glenn Co., Cal. — M. G. West Co., 115 Front St., San Francisco, at $1260 awarded cont. by supervisors to install metal furniture in office of county auditor.

INGLEWOOD, L. A. Co., Cal.—Reed Bros., 206½ S Broadway, L. A., were low bidders at $39,200 for all work complete for erecting a new city hall at Inglewood; Train & Williams, 226 Western Mutual Life Bldg., L. A., architects. The bldg. will be 2-story and part basement, 72x95 ft., brick constr. art stone trim and entrance, tile frg., hardwood and cem. flrs., tiled lavatories, reinforced conc. vaults. The other bids were: C. A. Schweissinger, $59,995; W. M. Bell, $59,997; Witt & Lake, $60,693; Hardiman Co., $60,862; C. E. DDowns, $61,987; O. J. Haugen, $63,850; Rinnert & Crosier, $65,450; J. A. Crook, $65,900; Escherich Bros., $66,850; T. Bennett, $67,341; Lavery Constr. Co., $67,458; John Simpson & Co., $71,750. The bids were taken under advisement until next Monday.

RESIDENCES

Plans Being Figured.
RESIDENCE Cost, $10,000
SAN FRANCISCO, Franklin St., near Bay Street.
Two-story frame and stucco residence
Owner—Mr. Lamphere.
Architect—H. C. Baumann and Edw. Jose, 251 Kearny St., San Francisco

Figures to be Taken Next Week.
RESIDENCE Cost, $15,000
SAN FRANCISCO. St Francis Wood.
Two-story and basement frame and stucco residence with tile roof (8 rooms).
Owner—H. Cook.
Architect — Walter C. Falch, Hearst Bldg., San Francisco.

Plans Being Prepared.
RESIDENCE Cost, $25,000
CARMEL, Monterey Co., Cal. Carmel.
Two-story residence (granite and stucco exterior with copper roof).
Owner—Paul Flanders, New York.
Architect—H. H. Gutterson, 278 Post St., San Francisco.

Plans Being Prepared.
RESIDENCE Cost, $25,000
SAN FRANCISCO. St. Francis Blvd.
Two-story frame and stucco residence.
Owner—John Martin.
Architect—H. H. Gutterson, 278 Post St., San Francisco.

Plans Being Prepared.
RESIDENCE Cost, $9000
SANTA ROSA, Sonoma Co., Cal.
Two-story frame and stucco residence.
Owner—Eugene Farmer, Santa Rosa.
Architect—Miller & Warnecke, Perry Bldg., Oakland.

Contract Awarded.
BUNGALOW Cost, $10,000
BELVEDERE, Marin Co.,Cal.
1½-story frame bungalow.
Owner—E. R. Rice.
Architect—Earle B. Bertz, 168 Sutter St., San Francisco.
Contractor—John Morton, Balboa Bldg., San Francisco.

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Ornamental Entrances

Sheet Metal Work of Every Description

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3117-3119 TWENTIETH STREET near Harrison St.

SAN FRANCISCO, CALIF.

Plans Being Prepared.
RESIDENCE Cost, $10,000
MONTEREY, Monterey Co., Cal.
Two-story frame residence.
Owner—Mrs. C. C. Lester, Gilroy, Cal.
Architect—Miller & Warnecke, Perry Bldg., Oakland.

Contract Awarded.
RESIDENCE Cost, $15,000
OAKLAND, NW Lawton & Mendocino Avenues.
Two-story 9-room frame residence.
Owner—Henrietta M. Revert, 5549 Lawton Ave., Oakland.
Contractor—H. C. Pfrang, 5659 Ocean View Drive, Oakland.

Contracts Awarded.
RESIDENCE Cost, $——
PIEDMONT, Alameda Co., Cal. Portion Lot 7, Crocker Terrace.
Two-story frame residence and garage.
Owner—Arthur C. Tasheira, Oakland Bank of Savings Bldg., Oakland.
Architect—Sidney B. and Noble Newsom, Nevada Bank Bldg., San Francisco.
General Contract awarded to A. Cederborg, 1445 Excelsior Blvd., Oakland, $11,774.
Brick work to Martin Back, 3825 Allendale St., Oakland, $1782.
Plumbing and Sewering to W. H. Picard, 5656 College Ave., Oakland. $2058.
Electrical work to Roberts Mfg. Co., 2270 Broadway, Oakland, $430.
Lathing and Plastering to Chas. D. Emery, 551 41st St., Oakland, $945.
Painting to R. Zelinsky, 693 Mission St., San Francisco, $1451.
Tile Work to Rigney Tile Co., 2148 Telegraph Ave., Oakland, $565.

Contract Awarded.
RESIDENCE Cost, $20,000
STOCKTON, San Joaquin Co., Cal., San Joaquin & North Sts.
Two-story frame and stucco 6-room residence with Spanish tile roof.
Owner—Carl Steinhart.
Architect—Mayo Cowell & Bissell, 21 S San Joaquin St., Stockton.
Contractor—H. H. Henning, Stockton.

Plans Being Prepared.
RESIDENCE Cost, $30,000
SAN FRANCISCO, Seacliff.
Two-story and basement frame and plaster residence and garage.
Owner—A. Freed, 1440 Market St., S. F.
Architect—Earle B. Bertz, 168 Sutter St., San Francisco.

Plans Being Figured.
RESIDENCE Cost, $12,000
SAN FRANCISCO, St. Francis wood.
Two-story & basement and stucco residence.
Owner—Withheld.
Architect — Theo. Lenzen, Humboldt Bank Bldg., San Francisco.

Plans Being Figured.
RESIDENCE Cost, $12,000
OAKLAND, Alameda Co., Cal. Mountain Blvd.
Two-story frame and plaster residence and garage (8 rooms).
Owner—Jas. H. Cobbledick.
Architect—W. J. Wythe, Central Bank Bldg., Oakland.

YUBA CITY, Sutter Co., Cal.—Geo. W. Tolley of Marysville, awarded contract to erect 12 one story frame bungalows in Copper Ave., Fruitridge Tract, for Seymour Schneider.

MONROVIA, L. A. Co., Cal.—Archt. Frederick H. Wallis, 330 Pac. Finance Bldg., L. A., has prepared plans for a 2-story fireproof residence to be erected at Monrovia for L. B. Vollmer. Eight rooms, hollow conc. walls, reinf. conc floors and roof slab, stucco exter., Travertine ornamentation, hollow tile and conc. partitions. J. H. Weller, 330 Pac. Finance Bldg., L. A. is the contr.

WHEATLAND, Yuba Co., Cal.—McDaniel & Burroughs, 815 5th St., Maryeville, at approx. $16,000 awarded contract by Mrs. Clyde Waltz of Wheatland to erect pressed brick residence.

SCHOOLS

Commissioned To Prepare Plans.
SCHOOL Cost, $35,000
SACRAMENTO, Sacramento Co., Cal., Riverside School Site.
One-story frame and stucco school bldg with tile roof.
Owner—City of Sacramento School District.
Architect — Woollett & Lamb, Hagelstein Bldg., Sacramento.

Figures To Be Taken Next Week.
SCHOOL Cost, $75,000
VACAVILLE, Solano Co., Cal.
One-story hollow tile school (6 rooms and auditorium).
Owner—Vaca Valley School District.
Architect—Geo. C. Sellon & Co., Mitau Bldg., Sacramento.

Figures To Be Taken Next Week.
SCHOOL Cost, $250,000
YUBA CITY, Sutter Co., Cal.
THREE 1 and 2-story hollow tile and pressed brick school buildings with tile roof.
Owner—Yuba City Union High School District.
Architect—Geo. C. Sellon & Co., Mitau Bldg., Sacramento.
Bonds have been sold and bids will be called next week for segregated contracts.

Plans Ready For Figures—Bids Close April 24, 1923, 8 p. m.
SCHOOLS Cost, $175,000
MODESTO, Stanislaus Co., Cal.
Two new brick grammar schools, $75,000 each and alterations to present schools, $20,000.
Owner—Modesto Grammar School Dist.
Architect — John J. Donovan, 1916 Broadway, Tapscott Bldg., Oakland
Plans will oe obtainable on and after April 9th at the architect's office. Bids are to be taken for a general contract.

Plans Being Prepared.
ADDITION Cost, $20,000
CORNING, Tehama Co., Cal.
One-story frame and plaster gymnasium addition to church.
Owner—Corning Methodist Episcopal Church.
Architect—W. J. Wythe, Central Bank Bldg., Oakland.

Plans Being Prepared.
AUDITORIUM Cost, $55,000
OAKLAND, Alameda Co., Cal., 12th and Market Sts.
One-story frame and stucco auditorium
Owner—City of Oakland Board of Education.
Architect—C. W. Dickey, 2149 Broadway, Oakland.

Plans Being Figured—Bids Close April 24, 1923, 7:30 P. M.
SCHOOL Cost, $150,000
PIEDMONT, Alameda Co. Cal.
Two and three-story reinforced concrete Intermediate School building.
Owner—Piedmont School District.
Architect—W. H. Weeks 369 Pine St., San Francisco.
Bids are being taken for the following segregated contracts:
(1) General contract; (2) plumbing; (3) electrical work; (4) window shades and metal guides; (5) cork linoleum; (6) heating system.
Plans may be obtained from the architect.
See call for bids under Official Proposals.

Contracts Awarded.
FIXTURES, ETC. Cost—
CONCORD, Contra Costa Co., Cal.
Special fixtures and furniture, window shades and linoleum for new high school.
Owner—Mt. Diablo High School Dist.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
Special furniture to C. F. Weber Co., 985 Market St., S. F., $18,275.
Shades to D. N. & E. Walter Co., 562 Mission St., S. F., $1226.
Linoleum to D. N. & E. Walter Co., 562 Mission St., S. F., $542.
Cafeteria equipment to Nathan-Dohrman Co., Stockton & Geary Sts., S F., $1156.

General Contract Awarded—Other Bids Still Under Advisement.
SCHOOL Cost, $95,000
ESPARTO, Yolo Co., Cal.
One and two-story brick school.
Owner — Esparto Union High School District.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
General Contract awarded to Goolds & Johns, 436 E-Maple St., Stockton, at $86,387.
Bids on the heating, steel lockers, shades, linoleum, blackboards and special furniture are still under advisement.

Date of Opening Bids Postponed From April 2 to April 13, 1923, 8 P. M.
SCHOOL Cost, $80,000
MODESTO, Stanislaus Co., Cal. N-Tenth Street.
One-story concrete and brick veneer high school building (1st unit).
Owner—Modesto Junior High School District.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
Segregated figures are being taken as follows: (1) General contract; (2) electrical work; (3) plumbing; (4) painting; (5) lathing and plastering; (6) window shades; (7) linoleum; (8) blackboards; (9) heating and ventilating.

Low Bidder—Bids Taken under Advisement.
GYMNASIUM Cost, $30,000
NAPA, Napa County, California.
One-story frame and stucco gymnasium
Owner—Napa Union High School Dist., Howard E. Roper, clerk.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
Larsen & Siegrist, Call Bldg., S. F., submitted the lowest bid at approximately $45,000.
LOS ANGELES, Cal.—Archts. Hudson & Munsell, 444 Douglas Bldg., have completed plans for a 9 unit school bldg to be erected at the Bridge St. school site. Brick, 2-sto., 60x119 ft., rug. brick facing; $63,000.
(Young Hardware Co.), Napa, is having plans prepared for a one-story addition to the present structure at Third and Coombs Sts. The addition will contain 17 offices. Steam heating system will be installed.

SACRAMENTO, Cal. — Boyd Fixture Co., Sacramento, at $1400 awarded contract by Bd. of Education to install light fixtures in new high school.
(45255) 1st report Feb. 13, 1923. 15

WINDSOR, Tulare Co., Cal.—Until April 28, 2:30 p. m., bids will be rec. by Andrew Winter, clerk, Windsor School District, to move 3-room frame school from present location to pt. 100 ft. east. Further information obtainable from clerk.

EL MONTE, Los Angeles Co., Cal.—Bertelsen & Schudt, 950 Stanford Ave., Los Angeles, were low bidders at $91,940 for brick construction for erecting a new grammar school building at El Monte; Edwin C. Thorne, 625 Western Mutual Life Bldg., Los Angeles, architect. J. C. Thurman, El Monte, was low bidder at $92,893 for concrete constr. The building will contain 14 rooms, library and offices; 1-sto., 360x39 ft. with 2 wings, 100x39 ft.; plaster exterior, tile roofing, maple and concrete floors, Pemberton heating system. The bids were: Bertlesen & Schudt, $93,940 for concrete construction and $91,940 for brick construction; J. C. Thurman, $92,983 for concrete construction; Clark Bros. & Libby, $93,300; Clarence P. Day, $98,746; J. F. Kobler $99,473; Macdonald & Driver, $99,634.

A. E. Leitch Fred Clark
CLARK & LEITCH ROOFING CO.
Successors to E. S. Warner
Office and Warehouse:
1116 SECOND ST., SACRAMENTO
Phone Main 726

LOS ANGELES, Cal.—Architect Arthur S. Heineman, 831 San Fernando Bldg., Los Angeles, is preparing plans for a new school building to be erected at Third St. and Las Palmas Ave. for Cumnock School for Girls. It will be 2-stor., English style, approximately 250x60 ft., built around a court, and will contain an auditorium to seat 800 people, 12 calss rooms, kitchen and dining rooms and 50 dormitory rooms; brick and concrete fireproof construction, slate roofing Cost, $200,000.

WINDSOR, Tulare Co., Cal.—Until April 28, 12 M., bids will be rec. by Andrew Winter, Clerk, Windsor School District, to const. 4-room elementary school with assembly hall. Ernest J. Kump Co., Architects, Rowell Bldg., Fresno. Estimated cost, $40,000. **See call for bids under official proposal section in this issue.**

FULLERTON, Orange Co., Cal.—J. C. Bannister, 903 N Mariposa Ave., L. A., has been awarded the gen. contr. at $141,562 for all work complete for erecting science addition, only, to Fullerton union high school and junior college; Carleton M. Winslow, 1134 Van Nuys Bldg., L. A., archt. It will be of brick and frame constr.

ALHAMBRA, L. A. Co., Cal.—Until 7:30 p. m., April 19, bids will be rec. by board of education of Alhambra for erecting a new elementary school bldg. at Alhambra. Allison & Allison, 1405 Hibernian Bldg., archts. Bids will be taken on 10 segregated contrs. It will contain 7 rms, and kindergarten, brick constr., plas. exter., clay tile rfg.; cost $75,000.

INGLEWOOD, L. A. Co., Cal.—Until 8 p. m., April 16, new bids will be rec. by city trustees of Inglewood for erecting a new city hall bldg.; Train & Williams, 226 Western Mutual Life Bldg., archts. Bids received March 26 were rejected. Bids will be rec. for all work complete in one contract. The bldg. will be 2-story and part basement, 72x95 ft., brick constr., cast stone crim, tile rfg., tiled lavatories, gas rad. htg., water htr., conc. vaults; $55,000.

LOS ANGELES, Cal.—Clark Bros. & Libby, 5117 Hollywood Blvd., have been awarded the gen. contr. at $67,950 for erecting a new school bldg. at Euclid Ave. school site; Elmer Grey, Bank of Italy Bldg., archt. Other contracts were awarded as follows: Plumbing to G. C. Sutton at $5634; heating to Western Engineering & Construction Co., at 7209 painting to R. E. Swan at $2590; and wiring to Amer. Elec. Constr. Co. at $2954.40. Two-sto., 12 units, 167x38 ft. brick constr., clay tile rfg.

MADERA, Madera Co., Cal.—Until April 11, 4 P. M., bids will be rec. by G. M. Shedd, Sec'y. Madera Union High School District, for furnishing lumber. Further particulars on request.

PASADENA, Los Angeles Co., Cal.—Architect John C. Austin, 1125 Dewtiler Bldg., Los Angeles, is completing plans for the new Northeast school building to be erected at Pasadena. It will contain 14 room; 2-story, reinforced concrete walls, plaster exterior, composition roofing, pine trim, maple floors. Cost, $90,000.

PORTLAND, Ore.—Until April 7, 12 M., bids will be rec. by School Clerk, Administration Bldg., E-Sixth and Clackamas Sts., to erect fireproof 24-classroom and auditorium, Chapman School; est. cost, $275,000. Plans obtainable from F. Manson White, Architect, Sherlock Bldg., Portland.

OAKLAND, Cal. — Until April 16, 4:30 p. m., bids will be rec. by J. W. Edgemond, secy. Board of Education, 211 City Hall, for fur. and install. slate blackboards in the Susan B. Anthony school, Park Blvd. and Hopkins St. Cert check 10% payable to secy. req. with each bid. Plans obtainable from Construction Department, Board of Education, 2149 Broadway, Oakland

OAKLAND, Cal.—Until April 16, 1923 4:30 p. m., the Board of Ed. of Oakland will rec. bids for plastering of the exterior concrete work for Theo. Roosevelt High School. **See call for bids under official proposals.**

ANAHEIM, Orange Co., Cal.—Archt. M. Eugene Durfee, 5 Cassou Bldg., is completing plans for the new $50,000 junior high school to be erected in Anaheim by the board of education from funds on hand. Work will be done by the day under the direction of Walter Hansen, Anaheim. There will be 4 class rooms, offices, etc. on the first floor, with 5 class rooms above. Modified Spanish style, tan stucco, face brick and terra cotta exter.

MERCED, Merced Co.—Until 8 p. m., April 9, bids will be received by trustees of Merced union high schoool for plastering the new high school gymnasium bldg. Plans and spec. prepared by W. E. Bedesen, engr., Shaffer Bldg., Merced, and Wilson J. Wythe, 613 Central Bldg., Oakland. Cert. chk. or bond 5%. H. K. Landram, clerk.

LOS ANGELES, Cal.—J. C. Bannister, 903 N Mariposa Ave., was low bidder at $122,177 on the general contract for erecting a new school building at Glassell Park school site. Edw. Cray Taylor, archt., Ellis W. Taylor, Engr. Low bidders on other contrs. were: Parker Judge Co. on painting at $4085; W. H. Nicholas Elec. Co. on wiring at 4811; E. W. Crowell Co., on plumbing at $7870; and Western Engineering Constr. Co. on heating at $8500. Bldg. will contain 19 rooms and an auditorium to seat 350 people; 2-story, 136x66 ft., with 2 wings, 183 ft. long; brick constr., tapestry brick facing, tile rfg.

REDWOOD CITY, San Mateo Co., Cal.—Until April 21, 3:30 p. m., bids will be rec. by D. E. O'Keefe, clerk, Sequoia Union High School District, for fur. linoleum, shades, lockers, electric fixtures and clocks for high school now under construction. Plans obtainable from Coffey and Werner architects, 312 Humboldt Bank Bldg., San Francisco. **See call for bids under official proposal section in this issue.**

LOS ANGELES, Cal.—Archt. Robert D. Farquhar, Security Bldg., has completed plans for a new school bldg. to be erected on West Third St. near Muirfield Ave. Dimensions, 136x230 ft., 1-story and part 2-story, brick constr., tile rfg.; $75,000. The board of education will advertise for bids shortly.

LOS ANGELES, Cal.—Until 9 a. m., April 18, bids will be received by the Los Angeles Board of Education for erecting 3 new school bldgs., as follows:

For an addition at Le Conte junior high school, on Bronson Ave. nr Fernwood Ave.; plans by archt. dept. of board of education. Brick constr., $130,000. Bids will be taken separately on general cont., plumbing, heating, painting and wiring.

For addition at Menlo Ave. school site on Menlo Ave., near 42nd St.; Lester H. Hibbard, archt.; brick constr.; $108,000; separate bids on the general contract, plumbing, heating, painting and wiring.

For a new bldg. at Florence Ave. school site, on Florence Ave. near Walnut St.; Arthur W. Angel, archt.; brick constr.; $84,000; bids will be taken separately on the gen. contr., plumbing, heating, painting and wiring.

Plans and spec. for above bldgs. may be obtained at secretary's office, 730 Security Bldg.

LOS ANGELES, Cal.—Darrell Condley Co., 520 Marsh-Strong Bldg., was low bidder at $152,000 on the general contr. for erecting new high school bldg. at Torrence. Farrell & Miller, Western Mutual Life Bldg., archts. Low bidders on other contrs. were: E. Drawbaugh on painting at $6830; and Geo. A. Poethumus on heating at $20,317. No bids were received on plumbing and bids for wiring are to be received April 6. Auditorium bldg. will be 1-story, 56x116 ft., shop bldg., 1-story, 62x123 ft.; and 9-rm. addition to present bldg. Brick constr., plas. exter., tile rfg.

LOS ANGELES, Cal. — Archts. and Engrs. Truesdell, Purinton & Newton, 304 San Fernando Bldg., have completed plans and are taking bids for the erection of an 8-unit school bldg with auditorium to seat 500, at 64th and Main Sts., for parish of St. Columbkille, Rev. D. J. Nunan, pastor. Brick walls, 2-story, plas. exter., tile rfg., cem. and maple flr., gas furnace htg., basement, metal sash, wire glass; $65,000. Only four rooms and auditorium will be erected at this time.

LOS ANGELES, Cal.—Archt. W. S. Hebbard, I. W. Hellman Bldg., has completed plans for a new school bldg. to be erected on Leland St. bet. 21st and 22nd Sts., San Pedro, for L. A. board of education. It will contain 12 rms.; 2-story, 132x161 ft., brick const., comp. rfg; $84,000. The board of education will advertise for bids shortly.

LOS ANGELES, Cal.—The L. A. architectural dept. of the bd. of educ., Edgar H. Cline, archt., has completed plans for a new grammar school bldg., to be erected at Sawtelle. It will contain 12 rms., 2-story, 60x156 ft., brick constr., comp. rfg., $84,000. The board of education will advertise for bids shortly.

LOS ANGELES, Cal.—J. A. Hill Construction Co., 1749 W 34rd St., was low bidder at $69,890 on the gen. contract for erecting a new school at 75th St. school site; A. S. Nibecker, Jr., archt. Low bidders on other contracts were: Western Engineering & Constr. Co., on heating at $6470; Graham Electric Co. on wiring at $3289; Buffalo Plumbing Co. on plumbing at $6455; and E. Drawbaugh on painting at $2600. Bldg. will contain 12 rms; 1-story and part 2-sto.; brick construction.

FULLERTON, Orange Co., Cal.—J. C. Bannister, 903 N. Mariposa Ave., Los Angeles, was low bidder at $141,562 and $94,350, respectively, for erecting science addition and east wing addition at Fullerton Union High School and junior college; Carleton M. Winslow, 1134 Van Nuys Bldg., Los Angeles, Architect. The bids were: J. C. Bannister, $141,562 for science addition (b) $94,350 for east wing addition and (c) add. $11,020 if science addition is concr. constr. Macdonald & Driver, $156,757, (b) $116,153, (c) $17,000; Clark Bros. & Libby, $157,800, (b) $112,300; (c) $11,800; Edwards, Wildey & Dixon, $164,965, (b) $111,464, (c) $184,025, lump sum; Frank Hudson, $169,800, (b) $116,000; (c) $192,000. The additions will be practically identical; 1-story and part 2-story, 280x45 ft., basement for heating plant only, brick or concrete construction, stucco exterior.

SAN FRANCISCO—O. Monson at $82,430, submitted low bid to Bd. Pub. Wks. to erect three-story reinforced concrete annex to Oriental schoool in Washington St., bet. Trenton and Stone Sts. John Reid, Jr., city architect.

A. Lettich, 365 Fell St. low for plumbing at $5647.

Central Electric Co., 185 Stevenson St., low for electrical work at $2590.

Scott Co., 243 Minna St., low for heating and ventilating at $5375.

Complete list of bids follow:

General Contract—O. Monson (low), $82,430; John Morton, $86,950; Beck & Kohn, $102,693; Anderson & Ringrose, $94,600; Wm. Bruce, $99,000.

Electric Work — Central Elec. Co. (low), $2590; Dewey Electric Co., $3760; Stand. Elec. Const. Co., $3110; Beach Elec. Co., $3250; G. M. Radelfinger, $2975; Globe Elec. Works, $3063; Butte Elec. Equip. Co., $3234; M. E. Ryan, $3093; Crown Elec. Co., $3220.

Heating & Ventilating — Scott Co. (low), $5375; A. Lettich, $6174; P. J. Enright, $5550.

NAPA, Napa Co., Cal.—The following bids were received on April 2nd by the Board of Trustees of the Napa Union High School District for the construction of a one-story frame and stucco gymnasium building from plans prepared by Architect W. H. Weeks, 369 Pine St., San Francisco. The bids were taken under advisement. Larsen-Seigrist, Call Bldg., S. F., submitted the lowest bid.

West Coast Construction Co.	$47,784
Hannah Brothers	47,390
Campbell Construction Co.	46,000
Charles Stockholm & Son	45,120
Larsen and Seigrist	42,215

BANKS, STORES & OFFICES

Plans Being Figured.
ALTERATION Cost, $5000
SAN FRANCISCO, N Irving bet. 10th and 11th Aves.
Alter 2-story frame store bldg.
Owner—A. B. Harrison.
Architect—Wm. H. Crim Jr., 425 Kearny St., San Francisco.

Plans Being Figured.
STORE BLDG. Cost, $13,000
OAKLAND, Alameda Co., Cal., 8th St., near Franklin.
One-story class "C" store bldg., 50x90.
Owner—withheld.
Architect — Chas. W. McCall, Central Bank Bldg., Oakland.

Contract Awarded.
STORE BLDG. Cost, $40,000
OAKLAND, Alameda Co., Cal., Clay St. near 17th.
One-story and mezzanine floor reinforced concrete store bldg.
Owner—A. Lavinson, of The H. C. Capwell Co.
Architect—Edw. T. Foulkes, Crocker Bldg., S. F. and 537 12th St., Okd.
Contractor — F. A. Muller, Syndicate Bldg., Oakland.

Sub-Figures Being Taken—Excavation Contract Awarded.
ADDITION Cost—
OAKLAND, Alameda Co., Cal., Broadway, 16th St. and San Pablo Ave.
Six-story reinforced concrete addition to department store bldg. 230x174 with wing 130x100 (brick exterior).
Owner—Kahn Bros., premises.
Architect—E. A. Cannon, Central Bank Bldg., Oakland.
Contractor—MacDonald & Kahn, 130 Montgomery St., San Francisco.
The excavating will be started April 5th by Arris-Knapp, 961 41st St., Oakland.

Concrete Work Contract Awarded.
OFFICE BLDG. Cost, $30,000
SAN FRANCISCO, W Valencia St. 92 S Sixteenth St.
Three-story class B reinforced concrete store and office building (8 doctors' and dentists' suites of 2 and 3 rooms).
Owner—Fred Braun Co., 508 Valencia St., San Francisco.
Architect—John F. Beuttler, 110 Sutter St., San Francisco.
The concrete work has been awarded to the Mission Concrete Co., Call Bldg. at $9090.
Segregated bids for the balance will be taken shortly.

Plans Being Prepared.
STORE & OFFICE Cost, $150,000
OAKLAND, Alameda Co., Cal., Franklin near 15th St.
Three-story reinforced concrete store & office bldg.
Owner — Franklin Inv. Co. (Attorney Harrison S. Robinson, president; A. L. Lavinson, secretary; J. R. Knowland, W. H. Donahue and Ira Abram, directors).
Architect—Edw. T. Foulkes, 537 12th St., Oakland and Crocker Bldg., San Francisco.

Contr. Awarded on a Percentage Basis.
ADDITION Cost, $40,000
SAN FRANCISCO, NE Market and Stockton Streets.
One-story class C addition to present three-story store building.
Owner—Roos Bros.
Architect—S. Heiman, 57 Post St., San Francisco.
Contractor — MacDonald & Kahn, 130 Montgomery St., S. F.

Plans To Be Prepared.
STORE BLDG. Cost—
RICHMOND, Contra Costa Co., Cal. E-9th St., bet. Macdonald Ave and Nevin Ave.
One-story brick store bldg 75x100 with foundation for 3 stories.
Owner—Drs. L. St. John Holy and H. L. Carpenter, 912 Macdonald Ave., Richmond.
Architect—Not selected.

Plans To Be Prepared.
ANNEX Cost—
OAKLAND, Alameda Co., Cal., 16th St. and San Pablo.
Eleven-story class A annex to bank and office bldg.
Owner—The American Bank, premises.
Architect—Not selected.
The bank hae just purchascd the 46-ft. lot on San Pablo and the 50-ft. lot on 16th St.
The architect has not been selected but in all probability plans will be prepared by Geo. W. Kelham, Sharon Bldg., who was the architect for the present bldg. How soon the addition wil be built has not been decided.

Contract Awarded.
STORE BLDG. Cost, $31,312
SAN FRANCISCO, N Bush W Montgomery Street.
One-story brick store bldg.
Owner—Dunn & Williams & Geo. Roos.
Architect—S. Helman, 57 Post St., S. F.
Contractor—Monson Bros., 251 Kearny St., San Francisco.

Permit Applied For.
STORE BLDG. Cost, $35,000
OAKLAND, Alameda Co., Cal., S E 19th and Franklin Sts.
One-story concrete store bldg.
Owner—Mrs. E. Herron.
Architect & Contractor—Wm. Knowles, Central Bank Bldg., Oakland and Hearst Bldg., San Francisco.

Concrete Work Being Figured.
WHOLESALE BLDG. Cost, $200,000
SAN FRANCISCO, Mission, Ecker and Jessie Streets.
Five-story and basement reinforced concrete store and wholesale bldg.
Owners—Miss Lucy H. and Miss Edith W. Allyne.
Architect—Reid Bros., 150 Montgomery St., San Francisco.

Steel Contract Awarded—Other Sub-Figures To Be Taken Shortly.
BANK & OFFICE BLDG. $1,000,000
FRESNO, Fresno Co., Cal., Mariposa and J Streets.
15-story class A bank and office bldg.
Owner—Pacific Southwest Trust and Savings Bank.
Construction Managers — Trewhitt & Shields, Rowell Bldg., Fresno.
Archt. & Eng.—The Felchin Co., Bank of Italy Bldg., Fresno.
Steel contract awarded to Dyer Bros., 17th and Kansas Sts., S. F.
All bids will be taken by Trewhitt & Shields, who will sub-let all work except the concrete & carpentry work which will be done by them.

Sub-Figures Being Taken.
ADDITION Cost, $15,000
OAKLAND, Alameda Co., Cal., 2908 Telegraph Ave.
One-story frame addition to present 1-story bldg. for 7 offices 3 apts. and stores.
Owner—J. B. Callaghan.
Architect & Contractor — McWethy & Greenleaf, 505 17th St., Oakland.

Sub-Figures Being Taken.
STORES & OFFICES Cost—
SACRAMENTO, Sacramento Co., Cal., SW 10th and J Sts.
Thirteen-story class A reinforced concrete store and office building
Owner—California State Life Insurance Company.
Engineer—H. J. Brunnier, Sharon Bldg., San Francisco.
Architect—Geo. C. Sellon & Co., Mitar. Bldg., Sacramento.
Contractor — Lindgren Co., Monadnock Bldg., San Francisco.
Mechanical Engineers—Leland & Haley Holbrook Bldg., S. F.
Sub-figures are being taken for painting, glazing, mill work, marble and ornamental iron work.

SEATTLE, Wash.—Murdock & Eckman, Thomson Bldg., at approx. $100,000 awarded cont. by Architects Lawton & Moldenhour to construct 5-story concrete and steel addition to Century Bldg. in Third Ave. bet. Pike and Pine Sts. American Cities Realty Co., owners.

PASADENA, L. A. Co., Cal.—Archts. Curlett & Beelman, 408 Union Bank Bldg., have been commissioned to prepare plans and spec. for a class A bank and office bldg., at s.e cor. Marengo Ave. and Colorado St., Pasadena for Pac. Southwest Trust & Savings Bank. It will be 8-story, basement and sub-basement, 146x214 ft., steel frame const. press. brick and terra cotta facing, marble and tile work, etc.; $1,000,000.

OCEAN PARK, L. A. Co., Cal. — Stradley & Newton, 1022 Detwiler Bldg. L. A., have a contr. on a percentage basis for erecting a 5-story and basement class A store and office bldg. at Ocean Front and Marine St., Ocean Park, for Casino Bldg. Co.; Leonard L. Jones, Grosse Bldg., L. A., archt. It will be 200x100 ft. 22 stores on the main fl., 12 shops on the mezannine fl. and 153 offices in the upper stories; reinf. conc. frame and fl., brick walls, plas exter., brick trim. Cost $1,050,000.

ASTORIA, Ore.—Architect Edw. A. Miller, Henry Bldg., Portland, preparing plans for four-story rein. conc. store and office building, 45x185 ft., to be erected for Warren-Higgins Co., Inc., and Chas. V. Niemi, capitalist of Seaside, Ore. Est. cost, $200,000.

SAN FRANCISCO—The following sub contracts have been awarded in connection with the construction of a 10-story class A office bldg on NE Powell and Post Sts. for the Wm. & M. Fitzhugh. Reid Bros., 105 Montgomery St., are the architects; Hunter & Hudson, engineers and P. J. Walker Co., general contractors.
Electrical work to Butte Elec. Eq. Co., 530 Folsom St., $21,840.
Ornamental iron and bronze work to California Artistic Metal and Wire Co., 365 7th St., $48,122.

LOS ANGELES, Cal.—F. Suie One Co., oriental importers, has leased the property at s. w. cor. of 7th and Bixel Sts., and contemplates the erection of a 12-story class A store and loft bldg. The site is 100x126 ft.

SAN FRANCISCO, Cal.—A. Quandt & Sons, 374 Guerrero street, has been awarded a contract for the painting at $26,676 on the 7-story class A office and bank bldg. for the Federal Reserve Bank of San Francisco. It is being erected on the northwest corner of Battery and Sacramento streets by P. J. Walker Co., Monadnock Bldg. Geo. W. Kelham, Sharon Bldg., is the architect. The rough carpentry and cabinet work for the second atory was awarded to M. V. Kellog and Son.

LOS ANGELES, Cal.—Archts. Walker & Eisen, 325 Pac. Finance Bldg. are preparing plans for a class A office and loft bldg. to be erected on Hill St. south of 8th St. for L. C. Freud. It will be 13-stories, 60x159 ft., reinf. conc. const. press. brick and terra cotta facing, plate glass ,marble and tile work; elevators, steam htg.; $600,000.

LOS ANGELES, Cal.—Archts. Dodd & Richards, 905 Brack-Shops Bldg., are preparing plans for a class A office bldg. to be erected at s.w. corner of 6th st. and St. Paul Ave. for Dr. Rex. Duncan, 1151 W 6th St. It will be 80x165 ft., reinf. conc. constr., press brick and terra cotta exter $500,000.

LODI, San Joaquin Co., Cal.—E. A. Thompson, Lodi, will erect one-story brick store near Oak and School Sts. to be leased to Martha Washington Stores Corp. Will be of brick construction, 20x75 ft.
H. N Madison, Lodi, contemplates erection of three-story brick store and dance hall building in School street, adjoining Beckman-Thompson Hall. Site is 40 by 100 ft.

LOS ANGELES, Cal.—Meyer Siegel of Los Angeles has purchased the First Baptist Church property on Flower St., bet. 7th and 8th Sts., and plans the erection of a Class A mercantile building to cost $500,000. The property is 190x165 ft. Possession will be obtained next November.

LOS ANGELES, Cal.—The United Stores Realty Co. of Los Angeles has taken a 99-year lease on the SW Cor. of 7th St. and Westlake Ave. and contemplates the erection of a Class A commercial building to cost $250,000. The site is 150x90 ft.

LOS ANGELES, Cal.—Architect Edwin Bergstrom, 1128 Citizens National Bank Bldg., is preparing working drawings for a 14-story and basement Class A store and office building to be erected on the east side of Broadway south of 2nd St. for Richard Garvey and associates. It will contain stores in the first story and 377 offices in the upper stories; steel frame constr.; brick filler walls, press. brick and terra cotta facing, plate glass windows, fire escapes.

LOS ANGELES, Cal.—The Taft Realty Co., 5751 Hollywood Blvd., will erect a limit height Class A office building at SE Cor. of Vine St. and Hollywood Blvd. Walker & Eisen, 325 Pacific Finance Bldg., are the architects, and are preparing preliminary plans.

THEATRES

PASADENA, Cal.—Archt. Elmer Grey 623 Bank of Italy Bldg., L. A., assoc. with Littleton Co., of Pasadena, is preparing working drawings for the store and theatre bldg. to be erected at Pasadena, at cor. El. Molino Ave. and Colorado St. for Pasadena Community Theatre Assn. The Littleton Co. will be the contrs. for the erection of the bldg. There will be an auditorium to seat 700 people and a patio with shops along two sides. The auditorium will be class A reinf. constr. and the shops of class C brick constr.; plas. exter., clay tile rfg., etc. The bldg. will be 110x195 ft. The cost will be $200,000.

WHARVES & DOCKS

LOS ANGELES, Cal.—Application has been made by the Santa Catalina Island Co., to U. S. Engr., 725 Central Bldg., Los Angeles, for permission to const. pier on the east side of Avalon Bay, Santa Catalina Island, Calif.

MISCELLANEOUS BUILDING CONSTRUCTION

Work Started.
DORMITORY BLDG. Cost, $450,000
PALO ALTO, Santa Clara Co., Cal.
Two and 3-story reinforced concrete dormitory bldg.
Owner—Leland Stanford Jr. University.

DAILY PACIFIC BUILDER

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560 MISSION STREET SAN FRANCISCO, CAL.

Architect — Bakewell & Brown, 251 Kearny St., San Francisco.
Contractor—Geo. Wagner, 251 Kearny St., San Francisco.
Sub-contract work will be done by the same sub-contractors who worked on the other dormitories.

Sub-Figures To Be Taken Shortly.
ADDITION Cost, $75,000
SAN FRANCISCO, 17th & Sanchez Sts.
Two-story reinforced concrete addition to laundry.
Owner—New Method Laundry Co.
Engineer—T. Ronneberg, Crocker Bldg. San Francisco.
Contractor—R. McLeran & Co., Hearst Bldg., San Francisco.
The McLeran Co. will be ready to take bids for the reinforcing steel in a few days.

Contract Awarded.
POST OFFICE, ETC. Cost $—
REDDING, Shasta Co., Cal. California and Tehama Streets.
Two-story and basement reinforced concrete post office (2) stores and (23) offices, 80x140 ft.
Owner—Attorney R. J. Anderson, Redding, representing owner, Mrs. Sarah J. Hill-Ward.
Architect—C. C. Dakin, 2961 Pine St., Berkeley.
Contractor — Hart Construction Co., Gerber.

Contract Awarded.
MUSEUM Cost, $59,900
SAN FRANCISCO, Golden Gate Park.
One-story concrete museum.
Owner — M. H. de Young, Chronicle Bldg., San Francisco.
Architect—Weeks & Day, 315 Montgomery St., San Francisco.
Contractor—K. E. Parker Co., Clunie Bldg., S. F.

Plans Being Prepared—Bids Close Apr. 19, 1923, 9 A. M.
COMPLETION OF STADIUM. Cost, $500,000 approximately.
BERKELEY, Alameda Co., Cal.
Carpentry, concrete, timber, painting, plumbing, electrical work, metal work etc., for completion of Stadium.
Owner—University of California Memorial Stadium Commission, 219 Crocker Bldg., San Francisco.
Architect—Plans were prepared by a commission composed of E. E. Carpenter, Geo. F. Buckingham and John Galen Howard, University of California, Berkeley, and Crocker Bldg., San Francisco.
Plans may be obtained from the Commission on a deposit of $100. **See call for bids under Official Proposals.**

Contract To Be Awarded.
BUILDING Cost, $9090
MARTINEZ, Contra Costa Co., Cal.
One-story and basement brick or concrete building.
Owner—Contra Costa Abstract & Title Co.
Architect—M. G. West Co., 115 Front St., San Francisco.
Contractor—Karl Koller, Crockett.

Plans Being Prepared.
NURSES' HOME Cost, $11,000
TURLOCK, Stanislaus Co., Cal. Canal Drive.
Two-story frame and "magnesite" stucco nurses' home, 55x33½ ft.
Owner—Emanuel Hospital, Turlock.
Architect—G. N. Hilburn, Turlock.

FRESNO, Fresno Co., Cal.—City Commission, R. Y. St. George, appropriates $50,000 to finance construction of new fire station.

RIVERSIDE, Cal. — Snowolene Refining Co. (Snowolene Holding Co., Pac. Mut. Bldg., Los Angeles), is seeking a site for a refinery which the company proposes to build in Riverside. Est. cost $300,000. Plant will have capacity of 1000 bbls. crude oil per day, with an output of 12,000 gals. gasoline, besides various by-products. Among the Los Angeles men in the company are: F. E. Snowden, John McKeon and Ralph Arnold. The company has six plants in California at present. The new plant will be similar to the company's plant at Florence Ave. and Alameda St.

SALINAS, Monterey Co., Caly.—F. C. Carlson, 222 Lincoln St., Monterey, at approx. $25,000 awarded contract by Salinas Undertaking Co., to erect two-story frame and stucco undertaking establishment, 45 by 116 ft. at Lincoln Ave. and West San Luis St.

LOS ANGELES, Cal.—K. R. Bradley Constr. Co., 1925 E. 16th St., has been awarded a contract at $174,000 for erecting a four-story and basement Class A telephone building at SW Cor. of Adams St. and Hobart Blvd. for Southern California Telephone Co. Dimensions, 127x61 ft., steel frame, brick walls, press. brick facing.

LOS ANGELES, Cal. — Archt. W. J. Saunders, 227 Laughlin Bldg., is preparing plans for a 3-story class A laundry bldg. to be erected on Crocker St., bet. 11th and 12th St. for Home Service Laundry Co. An additional story, 85x77 ft. will also be added to the present bldg. The new bldg. will be 113x110 ft., reinf. conc. constr., plas. exter., steel sash.

VENTURA, Cal.—Seaside Refinery Co will erect refinery on the property of the Southern Counties Gas Co. on the Avenue. The site comprises 8 acres. The plant, which will handle only light oils, will cost about $75,000. Mgr. Bushnell of the refinery company, will have charge of the work.

FRESNO, Fresno Co., Cal.—Plans are being completed by the engr. dept. of the San Joaquin Ligh & Power Co., Fresno, for construction of a transformer warehouse, a salvage warehouse, general store rooms, meter testing and testing transformer dept., a pole treating plant, a dipping plant and a cross arm mill, to be constructed on a 63-acre tract at Orange and California Sts., adjoining the Southern Pacific Co. industrial yards. Est. cost of above structures, $300,000.

STATEMENT OF THE OWNERSHIP, MANAGEMENT, CIRCULATION, ETC. REQUIRED BY THE ACT OF CONGRESS OF AUGUST 24, 1912,
OF BUILDING AND ENGINEERING NEWS, published weekly at San Francisco, Cal., for April 1, 1923.
State of California, City and County of San Francisco, ss.
Before me, a Notary Public, in and for the State and County afroesaid, personally appeared Mrs. L. A. Larsen, who, having been duly sworn according to law, deposes and says that she is the Publisher of the Building and Engineering News, and that the following is, to the best of her knowledge and belief, a true statement of the ownership, management (and if a daily paper, the circulation), etc., of the aforesaid publication for the date shown in the above caption, required by the Act of August 24, 1912, embodied in section 443, Postal Laws and Regulations, printed on the reverse of this form, to-wit:
1. That the names and addresses of the publisher, editor, managing editor, and business managers are:
Publisher, Mrs. L. A. Larsen, 1061 Haight St., San Francisco.
Editor, Mrs. L. A. Larsen, 1061 Haight St., San Francisco.
Managing Editor, John P. Farrell, 350 Brannan St., San Francisco.
Business Manager, Mrs. L. A. Larsen, 1061 Haight St., San Francisco.
2. That the owners are:
L. A. Larsen, Estate, 560 Mission St., San Francisco.
Mrs. L. A. Larsen, 560 Mission St., San Francisco.
Albert W. Larsen, 1061 Haight St., San Francisco.
Louis Larsen, Detroit, Mich.
3. That the known bondholders, mortagees, and other security holders owning or holding 1 per cent or more of total amount of bonds, mortgages, or other securities are: None.
MRS. L. A. LARSEN, Publisher.
Sworn to and subscribed before me this 28th day of March, 1923.
[SEAL]
CHALMER MUNDAY,
Notary Public in and for the City and County of San Francisco, State of California.
(My commission expires Oct. 18, 1925)

SUBSCRIPTION BLANK

Cut Out and Mail Today

.....192.....

TO BUILDING AND ENGINEERING NEWS,
560 Mission St., San Francisco, Cal.

Send me Building and Engineering News for one year, commencing with next issue, for which I enclose check for **$4.00** **(Remittance must accompany order)**

Name .....

Street and No. .....

City ..... State .....

Official Proposals

NOTICE TO CONTRACTORS

(City of Santa Cruz)

Sealed bids will be received up to April 17, 9 a. m., by S. A. Evans, city clerk, Santa Cruz, Calif., for Kayne, Liebrandt Tracts District Improvement, involving:

540.44 lineal feet of 10 inch vitrified clay drain pipe.
166.45 lineal feet of 12 inch vitrified clay drain pipe.
578.41 lineal feet of 15 inch vitrified clay drain pipe.
881.80 lineal feet of 18 inch vitrified clay drain pipe.
845.42 lineal feet of 24 inch vitrified clay drain pipe.
119 lineal feet of 12 inch corrugated metal drain pipe.
185 lineal feet of 18 inch corrugated metal drain pipe.
20 storm water drain manholes.
3 combination catch basins and manholes.
3 type No. 1 concrete catch basins.
12 type No. 3 concrete catch basins.
7 type No. 4 concrete catch basins.
2 concrete intake basins.
1 18-inch atomatic gate.
2 24-inch automatic gates.
2 concrete headwalls for automatic gates.
675 board feet of extra merchantable redwood lumber for bracing corrugated metal pipe.
294.58 lineal feet of 12 inch vitrified clay sewer pipe.
3 12-inch vitrified clay "Y" branches.

Plans and specifications, together with blanks for bidding are obtainable from office of Building & Engineering News, 560 Mission Street, San Francisco

JAMES K. JAMES,
City Engineer, Santa Cruz.

NOTICE TO BIDDERS

(Oroville-Wyandotte Irrigation Dist.)

Sealed bids will be received by the Board of Directors of the Oroville-Wyandotte Irrigation District at the office of the board, Oroville, California, until **10 o'clock A. M., April 16, 1923**, for the following work:

3720 feet continuous Redwood Stave Pipe and Trench and Ditch including about 2600 cubic yards of earth excavation, 2600 cubic yards of loose or soft rock excavation, 2600 cubic yards of solid rock excavation.

Contract will be let to the lowest responsible bidder. Plans and specifications can be seen at the office of the board, Oroville, California.

J. A. WISNER,
Secretary, Oroville-Wyandotte Irrigation District.

NOTICE TO CONTRACTORS

(Theodore Roosevelt School — Exterior Plastering)

Office of the Secretary of the Board of Education of the City of Oakland.

Sealed bids will be received by the Board of Education of the City of Oakland, City Hall, Oakland, California, until **the 16th day of April, 1923, at 4:30 o'clock p. m.**, at which time said bids will be opened for the erection and completion of the Plastering of the Exterior Concrete Work for Theodore Roosevelt High School, of the Oakland School District and Oakland High School District, located at 19th Avenue, 19th Street, 20th Avenue and 20th Street, Oakland, California.

Plans and specifications for said work are on file at the office of the Architect for the Board of Education, 2149 Broadway, Oakland, Cal.

On a deposit of Twenty-five ($25.00) Dollars, said plans and specifications may be had by any prospective bidder. These plans and specifications may be retained for seven (7) days.

If the plans and specifications are not returned to the Architect within the time above mentioned, or are returned in a mutilated or damaged condition, the deposit will be forfeited and will be immediately used for the purchase of a new set of blue prints and specifications.

Bids must be made on proposals obtained at the office of the Architect, and be signed by the bidder, accompanied by a certified check, certified to by some responsible bank or banker, and made payable to J. W. Edgemond, Secretary of the Board of Education, to be retained by said School Districts as agreed and liquidated damages should the party or parties to whom the contract should be awarded fail to enter into the contract after the award or to give bonds required for the faithful performance of the contract, or any bond required by law. The amount of said check shall be for at least ten (10%) per cent of the amount of the bid. Each bid shall be accompanied by an affidavit executed on a form that can be obtained from the Architect.

Bids will be opened by the Board of said Districts on the 16th day of April, 1923, at 4:30 o'clock p. m., in the Board Room, 211 second floor of said City Hall, in said City of Oakland. The Board reserves the right to reject any and all bids or any or all items of such bids.

J. W. EDGEMOND,
Secretary of the Board of Education of Oakland, California.

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section

BIDS WANTED FOR COMPLETION OF U. C. STADIUM

PROPOSAL FOR BIDS

SEALED BIDS will be received at the office of the Comptroller, University of California, Berkeley, California, at or before **9 A. M., Thursday, April 19, 1923**, for Group Two Contract for the California Memorial Stadium on the grounds of the University of California, at Berkeley, Alameda County, California. This contract will include concrete, timber and carpentry, metal work, painting, electric work, plumbing, sewers and water supplies, grading and teaming, paving, team houses, fences and gates, miscellaneous items.

Drawings and specifications may be obtained on and after Tuesday, April 3rd, 1923, at the office of the California Memorial Stadium Commission, Room 219, Crocker Building, San Francisco, California, on deposit of $100.00 for each set of drawings and specifications taken out. (Checks given as deposits are to be in favor of the undersigned). Deposits will be refunded on submission of a regular bid for the work and on return of said drawings and specifications in good condition. No bids will be considered unless accompanied by a certified check or bond in favor of the undersigned, equal to 10% of the bid to secure execution of the contract by the successful bidder.

The right is reserved to reject any or all bids.

THE REGENTS OF THE UNIVERSITY OF CALIFORNIA.

QUANTITY SURVEYOR
and Valuation Engineer
Buildings and Engineering Works
ARTHUR PRIDDLE
693 Mission Street, at Third St.
San Francisco, Calif.
Telephone Douglas 8-4-9-3

NOTICE TO BIDDERS

(Sequoia Union High School District)

Notice is hereby given that the Board of Trustees of the Sequoia Union High School will receive bids for the furnishing of linoleum, shades, lockers, electrical fixtures and clocks for the new High School Building now being erected at Redwood City, California. Said bids may be for any one or more of the above mentioned articles of furniture. The plans and specifications for same may be had at the office of the architects, Coffey and werner, 312 Humboldt Bank Building, Market St., San Francisco, Calif.

The bids must be sent to the clerk of the Board, D. E. O'Keefe, Times-Gazette Building, Redwood City, Calif., by **Saturday, April 21, 1923**, and they will be opened by the said Board of Trustees at the meeting to be held at 3:30 o'clock p. m., on said date at the High School Building, Broadway, Redwood city, Calif.

The Board of Trustees of said High School District hereby reserve the right to reject any or all bids.

D. E. O'KEEFE,
Clerk, Board of Trustees, Sequoia Union High School District, San Mateo County, Calif.

NOTICE TO CONTRACTORS

(Windsor School District. Four-room School, Estimated Cost, $40,000)

Notice is hereby given that the Board of Trustees of the Windsor School District, of the County of Tulare, State of California, will receive sealed bids for the furnishing of all labor and materials necessary in the erection and completion of a four-room elementary school building and assembly hall (including works) according to Plans and Specifications, prepared for same by the Ernest J. Kump Company, Architects, of the City and County of Fresno, and in strict accordance with Bids and Alternate Bids asked for in Specifications.

Said sealed bids will be received **up to and including 12 noon of the 28th day of April, 1923**, by the undersigned Clerk of the Board of the Windsor District, County of Tulare, State of California.

Said Sealed Bids must be accompanied by a Certified Check in a sum equal at least to 10 per cent (10%) of the amount of Bid to do the work mentioned and made payable to the undersigned Clerk of the Board, as a guarantee that the Bidder will execute the proper contracts and Bonds in case the Contract is awarded to him by reason of his Bid.

Plans and Specifications are on file at the offices of the Clerk and Architects, and same may be obtained upon application.

All Bids to be made out on blank forms furnished by the Architects.

The successful bidder will have to give a satisfactory Bond in the sum of 50 per cent (50%) covering labor and materials, and an additional 10 per cent (10%) bond for faithful performance as fully set forth in Specifications.

The Board of Trustees, as owners, reserve the right to reject any or all bids or alternate bids on any part or

parts of any bids or alternates received, and reject the balance thereof, and waive any informality in any bids or alternates received.

All bids to be addressed to Mr. Andrew Winter, Clerk of the Board Trustees of the Windsor School District, County of Tulare, State of California.

By order of said Board of Trustees.
MR. ANDREW WINTER.
Clerk of the Board.

NOTICE INVITING SEALED PROPOSALS FOR FURNISHING WATER PIPE

(City of Santa Cruz)

Notice is hereby given that the Council of the City of Santa Cruz invites sealed Proposals or Bids for furnishing the following:

2500 feet 8 inch Class B Cast Iron Pipe Bell and Spigot Joints.
1000 feet 6 inch Class B Cast Iron Pipe Bell and Spigot Joints.
5000 feet 4 inch Class B Cast Iron Pipe Bell and Spigot Joints.

Pipe to be not less than 12 foot lengths.

Pipe to be delivered F. O. B. Santa Cruz. Delivery to be made within 90 days after award of contract.

Said Proposals or Bids will be received at the office of the City Clerk in the City Hall, Church Street, in the City of Santa Cruz, up to the hour of **9 o'clock A. M. on Tuesday, the 10th day of April, 1923,** and the same will be opened and declared at 9:30 o'clock A. M. on Tuesday, the 10th day of April, 1923.

All Proposals or Bids must be in writing, must show the Grand Total of Bid submitted and must be accompanied by a Certified Check for ten per cent of the amount bid, payable to the City of Santaa Cruz.

The Council of said City reserves the right to reject any and all bids.

S. A. EVANS
City Clerk

Dated March 29, 1923.

NOTICE TO BIDDERS

(Steel Dump Body)

Notice is hereby given that sealed proposals or bids will be received by the Board of Supervisors of Santa Clara County, California, in their rooms in the Court House, in the City of San Jose, up to **11 o'clock A. M., of Monday, April 16th, 1923** for one 1 A Heil Hydro Test No. 5 with all steel dump body, 4 yard with double acting tail gate, installed on Liberty truck.

Each bid must be accompanied by a certified check in the sum of 10 per cent of amount bid, drawn upon some reliable bank in favor of Henry A. Foster, County Clerk.

The Board reserves the right to reject any and all bids.

All bids must be addressed to A. L. Hubbard, Chairman of the Board of Supervisors of Santa Clara County, and marked "Bids for Heil Hoist."

By order of the Board of Supervisors of Santa Clara County.
Attest: HENRY A. PFISTER, Clerk
By Eugene M. Don, Deputy Clerk.

NOTICE TO BIDDERS

(Tandem Roller)

Notice is hereby given that sealed proposals or bids will be received by the Board of Supervisors of Santa Clara County, California, in their rooms in the Court House in the City of San Jose, up to **11 o'clock A. M., of Monday, April 16, 1923,** for one Tandem Roller. The roller is to be a six-ton Tandem Roller, Buffalo Springfield type, or equivalent with a motor driven with heavy duty, two cylinder opposed engine, steel rolls and water spray, bearing on rear roll at least 200 per lineal inch of width. The bid price is to be f. o. b. San Jose, Calif.

Each bid must be accompanied by a certified check in the sum of 10 per cent of the amount bid, drawn upon some reliable bank in favor of Henry A. Pfister, County Clerk, for the faithful performance of the conditions of the Contract.

The Board reserves the right to reject any and all bids.

All bids must be addressed to A. L. Hubbard, chairman of the Board of supervisors of Santa Clara county and indorsed "Bids for Roller."

By order of the Board of Supervisors of Santa Clara county.
Attest: HENRY A. PFISTER, Clerk.
By Eugene M. Don, Deputy Clerk.

NOTICE TO CONTRACTORS

(Piedmont Intermediate School. Two and Three-story Reinforced Concrete Structure, $150,000)

NOTICE IS HEREBY GIVEN that the Board of Education of Piedmont, Alameda County, California, hereby calls for sealed proposals to be delivered to the Secretary of the Board of Education in the office of the Board in the high school building, 800 Magnolia Avenue, in the said City of Piedmont, California, **until Tuesday, April 24, 1923, at 7:30 P. M.,** of the said day for the erection and completion of a new Intermediate School Building, to be erected in the above named city on the school premises, all in accordance with plans and specifications made for the same by W. H. Weeks, the authorized architect employed by the Board to which reference is hereby made.

Bids will be received as follows:

1. General contract with alternate proposals.
2. Plumbing work.
3. Electric work.
4. Window shades and metal guides.
5. Cork carpets.
6. Heating system.

Plans and specifications can be seen at the office of the Board of Education in the High School Building in Piedmont, California, between 9 A. M. and 3 P. M., of any day except Saturdays, Sundays and holidays; or at the office of the architect, W. H. Weeks, 369 Pine Street, San Francisco, California, during office hours.

Bids must be made on proposal blanks obtained at the office of the architect, to be signed by the bidder, accompanied by a certified check for at least five (5%) per cent of the amount of the bid or proposal, certified to by some responsible bank or banker and made payable to Harriet A. Haas, Secretary of the Board of Education of Piedmont, to be retained by the said school department as agreed and liquidated damages should the party or parties to whom the contract shall be awarded fail to enter into the contract after the award, or to give bonds required for the faithful performance of the contract, or any bond required by law.

Bids will be opened by the Board of Education on Tuesday, April 24, 1923, at the hour of 7:30 P. M., in the office of the Board in the High School Building, 800 Magnolia Avenue, in the said City of Piedmont. The Board reserves the right to reject any or all bids or any or all items of such bids.

Dated at Piedmont, California, April 3, 1923.

BOARD OF EDUCATION OF PIEDMONT, CALIFORNIA.
H. D. Bell, M. D., President
Walter S. Brann.
Harriet A. Haas, Secretary.

NOTICE TO CONTRACTORS

(1.22 Miles Nevada State Highway)

Sealed proposals will be received by the undersigned **until 2:00 P. M., April 18, 1923,** for constructing a portion of the State Highway Syatem in Churchill County between the west city limits and east city limits of Fallon, work consisting of grading, construction of culverts, and placing of cement concrete pavement.

Plans may be examined and form of proposal, contract and specifications secured at office of undersigned. May also be examined at the County or City Clerk's office in Fallon, the Division Engineer's office in Las Vegas, Reno or Elko, and the District office of the Bureau of Public Roads, Mills Building, San Francisco, California.

Cash deposit of fifteen dollars ($15) with the underaigned required for copy of plans, which will be refunded on their return in good condition. Bids must be on Proposal form of Highway Department, and must be accompanied by a certified check in the amount of 5% of the bid.

Each bidder must accompany his bid with a certificate from the Surety Company, duly authorized to do business in this State, stating that such Surety Company will provide said bidder with a bond in such sum aa is required in and in accordance with the provisions of said specifications, conditioned for the faithful performance of the provisions of the contract and specifications.

Right is reserved to reject any or all bids.

GEO. W. BORDEN,
State Highway Engineer,
Carson City, Nevada

NOTICE TO CONTRACTORS

(Reinforced Concrete & Timber Dikes)

Sealed Proposals, endorsed "Proposals for Reconstruction of Dike, Mare Island, Cal., Specification No. **4,776,**" will be received at the Bureau of Yards and Docks, Navy Department, Washington, D. C., until 11 o'clock a. m., April 25, 1923, and then and there publicly opened, for furnishing and installation in place of approximately 1,007 linear feet of reinforced concrete dike and 263 linear feet of creosoted timber dike, at the navy yard, Mare Island, Calif. All timber round piles, all creosoted timbersheet piling and all creosoted timber will be furnished by the Government. Drawings and Specification No. 4,776 may be obtained on application to the Bureau or to the commandant, Navy Yard, Mare Island, Calif. Deposit of a check or postal money order for $10, payable to the Chief of the Bureau of Yards and Docks, is required as security or the safe return of the drawings and specification. L. E. Gregory, Chief of Bureau, March 14, 1923.

NOTICE TO CONTRACTORS

(Modesto Junior College)

Notice is hereby given that sealed bids will be received and opened by the Board of Trustees of the Modesto Junior College District, Stanislaus County, State of California, **at 8 P. M., the 13th day of April, 1923,** in the office of the Board, Modesto High School Buildings, H St., Modesto, Calif., for the erection and completion of a Junior College building to be built in the City of Modesto, Stanislaus County, State of California, in accordance with plans and specifications made for the same by W. H. Weeks, the authorized Architect, employed by the Board.

Segregated bids will be received on the work as follows:

1. General Contract.
2. Electric work.
3. Plumbing.
4. Painting.
5. Lathing and plastering.
6. Window shades.
7. Linoleum.
8. Blackboards.
9. Heating and ventilating.

Plans and specifications may be obtained at the office of the Architect, W. H. Weeks, 369 Pine Street, San Francisco, California, or may be seen at the office of the Clerk of the Board of Trustees in the City of Modesto.

All bids should be presented on bid forms furnished by the Architect. Each bid must be accompanied by certified check on some responsible California bank in the sum of not less than Five Per Cent (5%) of the amount of the bid, made payable to Kathleen G. Prewett, Clerk of the Board of Trustees of the Modesto Junior College District, for the purposes stated in the specifications.

Each bid must be enclosed in a sealed envelope and addressed to Miss Kathleen G. Prewett, Clerk of the Board of Trustees of the Modesto Junior College District, and endorsed: "Proposals for (name segregation) for Junior College Building."

The Board reserves the right to reject any and all bids.

Bids must be delivered to the undersigned Clerk of the Board at Modesto, at the time and place above stated, or any time up to the hour of opening of said bids.

KATHLEEN G. PREWETT,
Clerk of the Board of Trustees of the Modesto Junior College District, Modesto, Stanislaus County, Calif.

NOTICE TO BIDDERS

(Cast Iron Pipe)

OFFICE OF THE PARK COMMISSIONERS, PARK LODGE, GOLDEN GATE PARK, SAN FRANCISCO, CALIFORNIA. SEALED PROPOSALS will be received at this office not later **than noon, Thursday, April 12, 1923,** for delivery at the Municipal Playground, Great Highway and Sloat Boulevard, San Francisco, California, in such quantities and at such times as may be desired by the Board of Park Commissioners, of: Five hundred and fifty (550) feet, sixteen (16) inch, Class "D" Cast Iron Pipe in twelve (12) foot lengths, flanged joints drilled and milled to American standard templets.

This pipe to fulfill the standard specifications of the American Society testing material for cast iron pipe.

This pipe to be double dipped in asphaltum after being drilled and milled.

All proposals offered must be accompanied by a check certified by a responsible bank, PAYABLE TO THE ORDER OF THE BOARD OF PARK COMMISSIONERS, for an amount not less than ten per cent (10%) of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the Board of Park Commissioners and all proposals MUST BE MADE UPON SUCH FORMS, in sealed envelopes marked BID FOR CAST IRON PIPE.

The Board of Park Commissioners reserves the right to reject any or all bids.

By order of the Board of Park Commissioners.

B. P. LAMB, Secretary.

SOUTHERN PACIFIC COMPANY

Office of Purchasing Agent

Pursuant to the regulations of the Interstate Commerce Commission prescribed in its order dated October 6, 1919, in Docket Ex Parte No. 54, the Southern Pacific Company hereby requests bids, and hereby gives notice that it will receive bids for sale of following material: **1100 gross tons first class No. 1 50-lb. relaying rail with available secondhand angle bars weighed in; any new angle bars required for above rail.**

Bids must be submitted and addressed to the undersigned, at his office, by **12 o'clock noon, Pacific Standard Time on the 19th day of April, 1923.**

Bids received after that time will not be considered.

Bids will be opened after noon and before six o'clock, namely, at 3 o'clock P. M., at the above mentioned day and place by the undersigned, or his authorized representative.

Bids must be prepared and submitted on the forms prescribed in the regulations mentioned above which forms will be furnished, on request, by the undersigned.

The successful bidder will be required to enter into and execute proposed contract Serial No. B-23 containing, substantially, the general terms and conditions as follows: **To be delivered F. O. B. Sisson, California; delivery to start latter part of April and continue at rate of 250 gross tons per month, until order is completed.**

The right is reserved to reject any and all bids, and to accept any part of any one bid.

Dated this 5th day of April, 1923.

SOUTHERN PACIFIC COMPANY.
F. W. Taylor, Purchasing Agent, 65 Market Street, Room 952, San Francisco, Calif.

NOTICE TO CONTRACTORS

CURRANT CREEK FOREST ROAD

Sealed proposals for constructing the above named National Forest Project located within the Nevada National Forest, Nye and White Pine Counties, State of Nevada, will be received by the District Engineer, Bureau of Public Roads, U. S. Department of Agriculture, at 881 Mills Building, San Francisco, California, until **2 o'clock P. M., on the 24th day of April, 1923,** at which time and place they will be publicly opened and read. The right is reserved to reject any and all bids, and none will be considered except those from contractors ascertained to be experienced and responsible. The project ends about 36 miles southwest of Ely and the length to be constructed is 13.6 miles. The principal items of work are approximately as follows:

Clearing and Grubbing, 718 Stations.
Excavation, unclassified, 76,000 cu. yds.
Cement Rubble Masonry, 220 cu. yds.
Corrugated Metal Pipe, 4100 lin. ft.
Trestle Bridge, 10.1 M. B. M.
Surfacing, 3200 cu. yds.

The work embraced in this contract shall be started within fifteen days after notice so to start has been given the contractor by the District Engineer, and shall be completed within 165 **weather working days** after said notice has been given.

The contract form and the maps, plans and specifications and estimate of quantities may be examined by responsible contractors at the following addresses:

District Engineer, 881 Mills Building, San Francisco, California.
District Engineer, Bureau of Public Roads, Kiesel Bldg., Ogden, Utah.
Nevada State Highway Commission, Carson City, Nevada.
Forest Supervisor Ely, Nevada.

The Bureau of Public Roads will furnish Corrugated Metal Pipe for pipe culverts at Ely, Nevada. The Bureau also has available for loan to contractors on a rental basis, equipment as listed in the proposal sheet. Bidder will state in his bid the amount of government equipment that he will use during construction and the minimum rental period thereof. The estimated rentals will be taken into consideration and award will be made on bid to best advantage to the Government.

Plans and specifications will be furnished contractors who contemplate bidding upon deposit of a check for $10.00 payable to the Secretary of Agriculture of the United States. Check will be held, pending return of plans and specifications.

All proposals must be made on forms furnished by the District Engineer, Bureau of Public Roads, and in accordance with the instructions forming a part of the specifications above referred to.

April 2, 1923.

C. H. SWEETSER,
District Engineer.

NOTICE TO CONTRACTORS

AUSTIN EAST NATIONAL FOREST HIGHWAY

Sealed proposals for constructing the above named National Forest Project located adjacent to the Toiyabe National Forest, Lander County, State of Nevada, will be received by the District Engineer, Bureau of Public Roads, U. S. Department of Agriculture, at 881 Mills Building, San Francisco, California, **until 2 o'clock P. M., on the 26th day of April, 1923,** at which time and place they will be publicly opened and read. The right is reserved to reject any and all bids and none will be considered except those from contractors ascertained to be experienced and responsible. The project begins about 12 miles east of Austin and the length to be constructed is 15.5 miles. The principal items of work are approximately as follows:

Excavation, unclassified, 80,000 cu. yds.
Class "A" Concrete, 188 cu. yds.
Class "C" Concrete, 196 cu. yds.
Corrugated Metal Pipe, 3250 lin. ft.
Reinforcing Steel, 16,000 lbs.
Surfacing, 7150 cu. yds.

The work embraced in this contract shall be started within fifteen days after notice so to start has been given the contractor by the District Engineer, and shall be completed within 165 **weather working** days after said notice has been given.

The contract form and the maps, plans and specifications and estimate of quantities may be examined by responsible contractors at the following addresses:

District Engineer, 881 Mills Building, San Francisco, California.
District Engineer, Bureau of Public Roads, Kiesel Bldg., Ogden, Utah
Nevada State Highway Commission, Carson City, Nevada.
Forest Supervisor, Austin, Nevada.

The Bureau of Public Roads will furnish Corrugated Metal pipe and cement at Austin, Nevada. The Bureau also has available for loan to contractors on a rental basis, equipment as listed in the proposal sheets. Bidder will state in his bid the amount of government equipment that he will use during construction and the minimum rental period thereof. The estimated rentals will be taken into consideration and award will be made on bid to best advantage to the Government.

Plans and specifications will be furnished contractors who contemplate bidding upon deposit of a check for $10.00 payable to the Secretary of Agriculture of the United States. Check will be held, pending return of plans and specifications.

All proposals must be made on forms furnished by the District Engineer, Bureau of Public Roads, and in accordance with the instructions forming a part of the specifications above referred to.

The low bidder on the Currant Creek project to be let April 24, 1923, will be advised by telegraph the same day, so that he may, if desired, withdraw his bid on this project before same is opened.

April 2, 1923.

C. H. SWEETSER,
District Engineer.

NOTICE TO COTRACTORS

(Paintersville Bridge, Sacramento County)

Sealed bids will be received by the clerk of the board of supervisors of Sacramento county, California, at his office in the courthouse at Sacramento California, up to **2 o'clock p. m., April 24, 1923,** for furnishing and delivering the structural steel, machinery, and all steel materials for a highway bridge over the Sacramento river near Paintersville, Sacramento County, California.

Each bidder must submit a proposal to the clerk of the board of supervisors on standard forms, which may be obtained from the county engineer's office, said proposal to be accompanied by a certified check to the amount of ten per cent (10%) of the total amount bid, said check to be made payable to the chairman of the board of supervisors of Sacramento county, California.

Plans and specifications are on file in the office of the county engineer and the clerk of the board of supervisors of Sacramento county, to which bidders are hereby referred. Copies of said plans and specifications will be mailed to any address upon receipt of check for $10, made payable to the chairman of the board of supervisors, said check to be returned upon return of the plans.

The board of supervisors reserves the right to reject any and all bids and to waive any informality in the bids received, as the public good may require.

HARRY W. HALL,
County Clerk and ex-officio Clerk of the Board of Supervisors of Sacramento County.
By F. M. Lampert, Deputy.

NOTICE TO CONTRACTORS

(Reinforced Concrete and Timber Dikes)

Sealed Proposals, endorsed "Proposals for Reconstruction of Dike, Mare Island, Cal., Specification No. 4776," will be received at the Bureau of Yards and Docks, Navy Department, Washington, D. C., until 11 o'clock a. m., April 25, 1923, and then and there publicly opened, for furnishing and installation in place of approximately 1007 linear feet of reinforced concrete dike and 263 linear feet of creosoted timber dike, at the navy yard, Mare Island, Calif. All timber round piles, all creosoted timber sheet piling and all creosoted timber will be furnished by the Government. Drawings and Specification No. 4,775 may be obtained on application to the Bureau or to the commandant, Navy Yard, Mare Island, Calif. Deposit of a check or postal money order for $10, payable to the Chief of the Bureau of Yards and Docks, is required as security for the safe return of the drawings and specifications. L. E. GREGORY, Chief of Bureau, March 14, 1923.

Engineering News Section

BRIDGES

FRESNO, Fresno Co., Cal.—Jap E. Mitchell, 206 Strother St., Fresno, at $15,980, awarded cont. by supervisors to const two trestle bridges in Mt. Whitney Ave., over Murphy slough.

FRESNO, Fresno Co., Cal.—Until Apr. 27, 2 p. m., bids will be rec. by D. M. Barnwell, county clerk, to const. 4 rein. conc. bridges on Coalinga lateral of State Highway near Coalinga, involv. approx. 1,398.75 cu. yds. rein. conc. Cert check 10% payable to county req. Chris P. Jensen, cory Bldg., county surveyor.

SALEM, Ore.—See "Sewers & Street Work," this issue.

FRESNO, Fresno Co., Cal. — Until April 22, 2 p. m., bids will be rec. by D. M. Barnwell, county clerk, to const. 1 rein. conc. bridges on Sierra to the Ice Highway bet. Coalinga and Parkfield Junction; est. cost $45,000. Chris. P. Jensen, Cory Bldg., county surv.

EVERETT, Wash.—M. M. Caldwell, chief engineer for Union Bridge Co., Central Bldg., Seattle, preparing spec. for 3 bridges, est. cost, $100,000, to be erected in Snohomish County, bids to be asked about May 1. Structures will be steel const. with conc. floors and piers, involv. approx. 500 tons steel. Two structures, one 210 ft. long, the other 220 ft. long, will be const. over Stillaguwamish river at Arlington, the other 200 ft. will be built above Monroe. Each structure will have 20 ft. conc. roadway.

BANNING, Cal.—City trustees order constr. of concr. bridge over the wash to replace the present unsafe structure in the vicinity of Gilman home, northeast of town.

SAN JOSE, Sana Clara Co., Cal.—Until My 7, 11 A. M., bids will be rec. by Henry A. Pfister, County Clerk, to const. rein. conc. culvert in McCoy Ave. over San Tomas Aquino creek. Supervisor Dist. 5. Spec. obtainable from Clerk.

SAN JOSE, Santa Clara Co., Cal.—Supervisors, Henry A. Pfister, Clerk, extend time for opening bids to const. Mabury road bridge from April 19 to May 7, 11 A. M.

SAN JOSE, Santa Clara Co., Cal.—Until May 7, 11 A. M., bids will be rec. by Henry A. Pfister, County Clerk, to const. rein. conc. bridge on Mountain View and Alviso road over Campbell Creek, in Supervisor Dist. 4. Spec. obtainable from Clerk.

OROVILLE, Butte Co.—J. L. Webster, Oroville, awarded cont. by supervisors to const. bridge over Cherokee canal on Biggs-Princeton rd.

STOCKTON, San Joaquin Co., Cal.—Western Pacific R. R. Co., Mills Bldg., San Francisco, will construct steel swing bridge over Smith canal. Will have clearance of 10 ft. above high water mark; 154 ft. long.

OLYMPIA, Wash.—See "Sewers and Streets" this issue.

YREKA, Siskiyou Co., Cal. — C. L. Noel, Yreka, at $2965 awarded contract by supervisors to const. conc. piers and erect two 39-ft. steel truss spans over Jennie creek about 12-mi. east of Hornbrook on Hornbrook Copco road; also one 39-ft. steel truss span with conc. piers and fills over Bogus creek about 8 mi. east of Ager on Ager to Klamath Hot Springs rd. Steel for bridges will be fur. by county at site.

REDDING, Shasta Co., Cal.—T. P. Sutton and C. F. Staheli, Redding, at $1,397 awarded cont. to const. fills for Dailey Creek bridge on Cottonwood-Gas Point Road.

SANTA MARIA, Cal. — Owen H. O'Neill, county surv., preparing plans for two pile trestle bridges at two of the crossings of the Santa Maria river and the Cuyama Valley.

DREDGING, HARBOR WORKS AND EXCAVATIONS

SAN FRANCISCO — Mr. Mahoney, Purchasing Agent, Pacific Gas & Electrict Co., 445 Sutter St., receiving bids for excavating trench for 36-in. gas mains to be installed from Army St. gas tank to Potrero gas works. Pipe will be furnished and installed by company.

OAKLAND, Cal.—Officials of Alaska Packers' Corp., Wells Fargo Bldg., San Francisco, announce company will spend approximately $1,000,000 in improvements if Alameda county will construct tube between cities of Oakland and Alameda, eliminating the estuary bridges. Improvements will consist of dredging and the erection of docks and warehouses. The Alameda County Supervisors will call an election shortly to decide the question of issuing bonds of $4,500,000 to finance the tube, a permit to construct having already been obtained from the War Department.

BLYTHE, Cal. — Thompson Bros., Blythe, awarded contr. by Palos Verde Drainage Dist. at $18,000 to const. 1½ mi. open drain involving 75,000 cu. yds. excav. Tieslau Bros., Berkeley, bid $23,-250. H. C. Neuffer, Blythe, chief eng.

MONTEREY, Monterey Co., Cal—City council will call election to vote bonds of $200,000 to finance harbor improvements.

OROVILLE, Butte Co., Cal. — Until April 16, 10 a. m., bids will be rec. by J. A. Wisner, secretary, Oroville-Wyandotte Irrigation District, for 3720 ft. continuous r. w. stave pipe and trench and ditch including approx. 2600 cu. yds. earth excavation; 2600 cu. yds. loose or soft rock excavation; 2600 cu. yds. solid rock excavation. S. J. Norris, Oroville, ch. eng. for district.

RENO, Nevada—J. L. Hoffman, Reno, at $8.35 awarded cont. by council to const. 2 rein. conc. culverts, 3x7x80 ft. long.

WASHINGTON, D. C.—See "Government Work & Supplies," this issue.

Engineers and Contractors PLEASE NOTE.

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SAN JOSE, Santa Clara Co., Cal.—Supervisors order plans prepared to imp. Alamitos creek in Supervisor District 4.

SUTTER CO., Cal.—State Reclamation Board has cancelled contract recently awarded to W. E. Callahan Co., Dallas, Texas, at approx. $1,000,000 to const. 13 miles of levee in Rec. Dist. No. 1660, comprising approx. 14,000 acres.

LOS ANGELES, Cal.— Supervisors vote to abandon plans for a floor control dam in Pacoima Canyon, and the substitution of a channel. Chiew Eng. Regan reported that foundations had been found insufficient for big dam. channel will be 75 ft. wide and 6 ft. deep, and $200,000.

IRRIGATION PROJECTS

SANTA MARIA, Cal.—Santa Maria Rotary Club endeavoring to promulgate information regarding irrigation possibilities in the Santa Maria Valley. Less than one-tenth of land is cultivated. There are over 60,000 acres fertile land suitable for cultivation if an irrigation dist. can be formed. Engrs. of the Union Sugar Co. have gathered considerable information regarding the farming possibilities of the valley.

TUCSON, Ariz.—Pima county farmers are being organized by Fred Ronstadt into a water dist. About 30,000 acres are involved.

LIGHTING SYSTEMS

BERKELEY, Alameda Co., Cal.—F. E. Newbery Elec. Co., 417 Webster St., Oakland, at $22,213 submits low bid to city council to install 75 electroliers with globes, lamps and tops, complete with underground cable and conduits in Telegraph Ave., bet. south city limits and Allston Way. Other bids: Butte Elec. Mfg. Co., $24,000; H. C. Reid & Co. $23,190; C. G. Severin, $23,861. Referred to city eng. C. L. Huggins.

TACOMA, Wash.—Until April 10, bids will be rec. by Commissioner of Light and Water for fur. 60,000 ft. steel armoured parking cable; 720 street light globes and 400 conc. lamp standards.

RIVERSIDE, Cal. — City Lighting Dept. awarded contr. by council at $1,-018.41 to const. 26-post lighting system on Cedar Street.

SAN DIEGO, Cal.—See "Government Work and Supplies," this issue.

TURLOCK, Stanislaus Co., Cal.—Chamber of Commerce conferring with city trustees regarding proposed installation of electrolier system. Horace Hall, City Eng.

FULLERTON, Cal.—Walker & Martin Fullerton, awarded contr. by trustees at $15,300 to const. ornam. light. system in E Brookdale Pl. and W. Brookdale Pl. Other bids were: A. C. Rice, $16,586; Newbery Elec. Corp., $17,370; Butte Elec. & Mfg. Corp., $18,500.

LOS ANGELES, Cal.—Until 10 a. m., April 16, bids will be rec. by Bd. Pub. Wks. to const. ornam. lighting system in:

16th St., bet. Figueroa St. and 40 ft. w. of Hoover St.

Plymouth Blvd., bet. Beverly Blvd. and 1st. St.

Washington St., bet. Main St. and 53.4 ft. w. of Vermont Ave.

Plans and spec. on file at office of City Electrician, n. city hall annex.

MACHINERY & EQUIPMENT

SANTA BARBARA, Cal.—City council will purchase new street sweeping equipment. Fred Johnston, city mgr.

SANTA ANA, Cal.—Election to vote bonds of $15,000 to finance purchase of street equipment failed to carry.

SAN JOSE, Santa Clara Co., Cal.—Until April 16, 11 a. m., bids will be rec. by Henry A. Pfister, county clerk, for fur. one No. 1-A Heil Hydro Hoist No. 5 with all steel drum body, 4-yd. with double acting tail gate, installed on Liberty truck. **See call for bids under official proposal section in this issue.**

SAN JOSE, Santa Clara Co., Cal.—Until April 16, 11 a. m., bids will be rec. by Henry A. Pfister, county clerk, for fur. one 6-ton tandam roller, Buffalo Springfield type or eq., gas motor driven with heavy duty drive, 2-cylinder opposed engine, steel rolls and water spray, bearing on rear roll at least 200 per lin. in. of width; price to be f. o. b. San Jose. Cert. check 10% payable to clerk req. **See call for bids under official proposal section in this issue.**

MADERA, Madera Co., Cal.—Until May 8, 3 P. M., bids will be rec. by L. W. Cooper, County Clerk, for fur. and installing, ready for service, following laundry equipment in county hospital:

One 15-H. P. vertical Boiler fully equipped to meet State Inspection requirements.

One 30-ft. line shaft, boxings, belting and pulleys for driving the following equipment.

1 5-H. P. 3-phase motor; 1 24-in. extractor; 1 30x30-in. washer; 1 36x48-in. washer; 1 steam cloths tumbler, size 30x42-in.

Cert. check 10% req. with each bid. Further information obtainable from Clerk.

LOS ANGELES, Cal.—Until 3 p. m., April 10, bids will be rec. by pub. serv. comm., 207 S Broadway, for concr. mixing and placing machinery. Spec. No. 656. Jas. P. Vroman, secy. 24

SEATTLE, Wash.—Until April 20, 10 a. m., bids will be rec. by C. B. Bageley, secy. Bd. Pub. Wks., for fur. f. o. b. cars Seattle, one 60-ton electric traveling crane for North Sub-station, Skagit River Development. Cert. chk 5% payable to City Comptroller req. Spec. obtainable from secretary.

RAILROADS

SAN FRANCISCO—Until April 19, 12 m., bids will be rec. by F. W. Taylor, Purchasing Agent, Southern Pacific Co., 65 Market St., for fur. 1100 gross tons first class No. 1 50-lb. relaying rail with available second-hand angle bars weighed in; any new angle bars required for above rail; material to be delivered f. o. b. Sisson, Calif., delivery to start latter part of April and continue at rate of 250 gross tons per month until order is complete. **See call for bids under official proposal section in this issue.**

PORTLAND, Ore.—Portland Railway, Light & Power Co. will spend approx. $500,000 in laying permanent tracks, F. J. Fuller, vice-president of the company, announces.

SAN DIEGO, Cal.—San Diego Electric Rlwy. Co., will construct street car line bet. San Diego and Mission Beach. Claus Spreckels is interested.

OROVILLE, Butte Co., Cal.—Directors of Chamber of Commerce conferring with S. P. Co. regarding proposed construction of extension of line from Oroville to Durham, Butte County, approx. 10-mi. in length.

KELSO, Wash.—Twohy Bros. Co., Hobart Bldg., San Francisco, at approx. $1,500,000 awarded cont. by Long Bell Lumber Co. to const. 20 mi. of logging road; work to be completed Jan. 1, 1924.

TUCSON, Ariz.—So. Pac. Ry. will reballast and relay heavier rails on its line betw. Tuscon and Nogales. The first ten miles of the work will cost $63,000.

MISCELLANEOUS SUPPLIES

MERCED, Merced Co., Cal.—Purchasing Agent, Merced Irrigation District, desires bids for various garage & auto auto supplies.

INGLEWOOD, Cal.—Until 8 P. M., Apr. 16, bids will be rec. by city trustees for 100 fire hydrants. Arthur W. Cory, City Engr.

FAIRFIELD, Solano Co., Cal.—Until April 14, 8 p. m., bids will be rec. by B. J. Kemp, clerk Armijo Union High School District, for fur. one power lawn with 24-in. cut. Further information on request.

HANFORD, Kings Co., Cal.—Until April 28, 8 P. M., bids will be rec. by D. C. Williams, City Clerk, for furnishing:

One Clayton Compressor and container.

Two Westinghouse Compressors.

Two 10 H P Fairbanks-Morse motors fitted with flexible couplings.

Two 5-in. sewage pumps on extended c. i. base.

Two long radi c. i. flanged elbows.

One 6x6x8 reducing tee.

Two 5-in. c. i. gate valves.

Two 6-in. c. i. gate valves.

One 8-in. extra long c. i. radi elbow with 24-in. flanged end.

One 8x8x8x8 c. i. flanged cross.

One 6-in. flanged distance piece.

Further information obtainable from clerk.

LOS ANGELES, Cal.—Until 3 p. m., April 10, bids will be rec. by pub. serv. comm., 207 S Broadway, for 17 coils (175 to 200 lbs each) No. 6 B & S copper wire. Joint Adv. No. 108. Jas. P. Vroman, secy.

SEATTLE, Wash.—Until April 13, 10 a. m., bids will be rec. by C. B. Bagley, secy. Bd. Pub. Wks., for fur. f. o. b. cars, Rockport, Wn., oil tanks for Skagit River Development project. Cert. check 5% payable to City Comptroller req. Spec. obtainable from secy.

RESERVOIRS AND DAMS

EVERETT, Wash. — T. M. Morgan, Everett, at $150,725 awarded cont. by city commission to const. 20,000,000-gal. reservoir for water system. Bids for laying 28-in. water main north and south through city rejected.

LOS ANGELES, Cal.—See "Dredging, Harbor Works and Excavations," this issue.

MINDEN, Nevada—Carson Valley Irrigation District No. 1 elects directors who are pledged to proceed with plans for water storage system estimated to cost $700,000. Reservoir and dam form what is known as the Diamond Valley project and is designated to store 3,000 ac. ft. of water. Directors of the district are: Wm. F. Dressler, H. F. Dangberg and C. M. Henningsen.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Further information regarding these opportunities may be had from Domestic and Foreign Trade Bureau, Chamber of Commerce, Merchants Exchange Bldg., by referring to index number:

D-498—Buffalo, N. Y. Manufacturers of reversible window desire concern to handle their account here in San Francisco. Descriptive circular on file.

D-499—Torrington, Conn. Party is in the market for white pine cut sash and door stock. Can use from ten to twenty cars, shipment four or five cars per month.

D-499—Milwaukee, Wis. Manufacturers of lavatory fixtures and ornamental fountains desires to appoint agent in San Francisco to distribute their products. Circular on file.

D-500—Minneapolis, Minn. Manufacturing company desires agent to sell their grease and oil pumps to jobbing companies, service stations, etc. Catalog on file.

D-501—Centralia, Wash. Party in the market for coil or compression springs and for malleable castings.

D-503—Albion, Mich. Party now manufacturing all kinds of small boats desires to open up California plant and wants to interest capital.

D-504—Auburn, Cal. Party now owning lease on silica rock easily accessible to railroad needs $20,000 for plant to grind same into powder form—samples of rock and finished product on file.

D-505 — San Francisco, Calif. Young man visiting various eastern cities in few weeks, in return for portion of expenses, offers services in transacting business for firms or individuals while east. References. Good education. Sales experience.

D-506—Portland, Ore. Concern manufacturing the Automatic Safety Two Step Climber (ladder) desires to interest a concern in San Francisco to handle the manufacturing and distribution of their article. Circular on file.

6887 — Mendoza, Argentina. Import firm wishes to buy lumber, especially yellow pine from San Francisco lumber exporters.

6889—San Francisco, Calif. Local firm which is sending a salesman to Europe in the near future, wishes to get in touch with houses desiring to sell their products in that market.

6893—Hamburg, Germany. Large and well established freight forwarding agents solicit the consignments of local merchants.

6896—San Francisco, Calif. Australian gentleman, returning home shortly, desires to represent in Australia and New Zealand, San Francisco houses looking for export trade in above territory. Ten years experience in handling American goods in Australia.

6903—Los Angeles, Calif. Gentleman with bank and selling experience desires a position with a reliable firm as a representative in a foreign field.

6904 — Bolshala, Dmitrovka, Russia. Russian co-operative agricultural organization is desirous of making business connections with San Francisco houses both as importers of American agricultural equipment and exporters of Russian raw materials.

BUILDING LAWS

The latest San Francisco building laws with amendments to date are on sale at office of

Daily Pacific Builder

Book with amendments, $.50; by mail, $.54. Amendments only, $.10

6905—San Francisco, Calif. California business man, who has recently returned from Europe has disposed of his retail business and is returning to Europe for an indefinite period, desires to represent American firms either buying or selling.

6906—San Francisco, Calif. Reliable and well established export house is interested in obtaining lumber connections in Argentine.

CD-51—Schnectady, N. Y. Party has $12,000 to invest in farming or machine shop business.

CD-52—Cincinnati, O. Party who has had executive experience desires to invest $25,000 in going business.

CD-53 — Lowell, Mich. Party desires business opportunities submitted where a man could reasaonably expect success with capital of $20,000.

CD-54 — Portland, Ore. Party with $15,000 desires to enter the real estate business or other profitable legitimate enterprise.

CD-56—Berkeley, Calif. A young man with $10,000 desires business opportunities submitted wherein his services can be utilized.

CD-57—New York, N. Y. Business executive with $12,000 to $15,000 to invest desires proposition from San Francisco concerns wherein his services could be utilized along with an investment.

CD-58 — Chicago, Ill. Party with knowledge of manufacturing of dairy machinery and the dairy industry generally with the exception of the production of milk, desires contact with San Francisco concerns in that line of business This gentleman is in a position to make a reasonable investment with any factory.

CD-59 — Regina, Sask., Canada. Gentleman desires to have submitted in the selling line, from salesman on the road to manager, from San Francisco mercantile houses. Has reasonable amount of capital to invest.

PIPE LINES, WELLS, ETC.

TURLOCK, Stanislaus Co., Cal.—Bids submitted by following firms taken under advisement by city trustees for fur. pipe: Crane Co., San Francisco Steel Products Co., Public Supply Co., United States Cast Iron Pipe and Foundry Co. Materials to be furnished include 1000 ft. 2-in., 200 ft. 1½-in., 4000 ft. 1-in. stand. pipe, galv. threaded and coupled. 300 ft. 8-in., 2000 f t.6-in. and 2700 ft. 4-in. Matheweson pipe, galv. inside and outside and asphaltum coated outside.

HANFORD, Kings Co., Cal.—D. C. Williams, City Clerk, instructed to advertise for bids to furnish 2,000 ft. 4-in. Class C c. i. pipe together with fittings.

SAN FRANCISCO—Until April 12, 12 m., bids will be rec. by B. P. Lamb, Secy. Park Commission, Park Lodge, Golden Gate Park, for fur. Send del. to Mony Playground, Sloat Blvd. and Gt. Highway, at times req: 550 ft. 16-in. class D c. i. pipe, 12-ft. lengths, flanged joints drilled and milled to Amer. Stand templets. **See call for bids under official proposal section in this issue.**

EVERETT, Wash.—See "Reservoirs and Dams," this issue.

SANTA CRUZ, Santa Cruz Co., Cal. — Until April 10, 9 a. m., bids will be rec. by F. A. Evans, city clerk, for fur. f. o. b. Santa Cruz, in not less than 12-ft. lengths: 2500 ft. 8-in., 1000 ft. 6-in. and 500 ft. 4-in. class B, c. i. pipe, bell and spigot joints. **See call for bids under official proposal section in this issue.**

ANAHEIM, Cal.—U. S. Cast Pipe and Foundry Co., 705 Wright & Callender Bldg., Los Angeles, awarded contr. at $3911.40 for fur. city with pipe for water mains, as follows: $530 ft. of 4-in. pipe in 12 ft. lengths, $62.74 a ton; 4700 ft. of 6-in. pipe in 5 meter lengths, $59.74 a ton; 1640 ft. of 10-in. pipe in 5-meter lengths, $58.74 a ton. Central Foundry Co. submitted the following figures: 4-in. pipe, $2329.80; 6-in. pipe $4512, 10-in. pipe, $3095.60.

OROVILLE, Butte Co., Cal. — See "Dredging, Harbor Works and Excavations," this issue.

LONG BEACH, Cal.—See "Waterworks," this issue.

COSTA MESA, Cal.—Until 3 p. m., April 18, bids will be rec. by directors of Newport Hts. Irrigation Dist., Costa Mesa, Orange county, for double dipped and wrapped riveted pipe includ. laying, as follows: 2575 ft. 4-in., 615 ft. 6-in., 22,993 ft. 8-in., 27,039 ft. 10-in., 9192 ft. 12-in., 766 ft. 14-in., and 8471 ft. 18-in. (no 12 ga); standard steel screw pipe including laying as follows: 5820 ft. 2-in., 1220 ft. 4-in.; special fittings, gate valves, culverts, reinforced conc. trestle; 734,000 gals. riveted steel stand pipe; 2 turbine pumps with direct connected motors, capacity 500 and 800 gals. per min., respectively; 2 centrifugal pumps with belt connected elec. motors, capacity 500 and 800 gals. per min. respectively. Plans and spec. are on file at office of Paul E. Kressly, engr., 732 H. W. Hellman Bldg., Los Angeles. Cert. chk 10%.

TACOMA, Wash.—See "Reservoirs & Dams," this issue.

OROVILLE, Butte Co., Cal. — Montague Pipe and Steel Co., Hobart Bldg., San Francisco, at $71,790 awarded cont. by Thermalito Irrigation Dist. for fur. 50,400 lin. ft. riveted slip joint Armco pipe with all fittings such as crosses and tapers, tees, bends, wyes, branches. Western Pipe and Steel Co., 444 Market St., San Francisco, bid $60,781.85 for Tonkin metal pipe. Bids for laying above pipe will be opened by directors of dist. April 25. S. J. Norris, ch. eng.

SEWAGE DISPOSAL PLANTS

RIVERBANK, Stanislaus Co., Cal.—City council plans enlargement of septic tank to care for sewage in business and industrial sections.

SAN LUIS OBISPO, Cal.—City Eng. preparing spec. for septic tank for which bonds have been voted.

MANTECA, San Joaquin Co., Cal. — City trustees will call election to vote bonds of $11,000 to finance construction of septic tank for sewage disposal plant. E. H. Jeffries, city eng.

LOS ANGELES, Cal.—Until 10 A. M., May 7, bids will be rec. by board of public works for material to be used in connection with south plant of the Hyperion Sewage Treatment plant, as follows: eight sewage screens, bucket elevators and appurtenant machinery. Plans and spec. on file at office of City Engr.

LOS ANGELES, Cal.—Until 10 a. m., May 7, bids will be rec. by board of public wks. for 8 sewage screens, bucket elevators and appurtenant machinery for use in the south plant of the Hyperion sewage treatment plant, for section No. 3, of north outfall sewer. Plans and spec. on file at office of City Engr., 405 S City Hall Annex. Cert. chk. or bond, 10%.

LOS ANGELES, Cal.—Until 10 a. m., May 7, bids will be rec. by Bd. Pub Wks., for 8 sewage screens, bucket elevators and appurtenant machinery for south plant Hyperion sewage treatment plant, for section No. 3 of north outfall sewer. Plans and spec. on file at office of City Engr., 405 S City Hall Annex. Cert. chk. or bond 10%. The screens will be of drum type, not less than 7 ft. and not over 9 ft. in length, to provide screening of 10,000,000 gals. raw sewage per day per screen. Contractors will furnish f. o. b. plant machinery necessary for the operation of these screens. The drums will be of cylindrical type mounted on horizontal steel shaft. Space is provided for four additional drums when needed. Excav. for the plant, under separate contract is under way now. Two 4000 gal. pumps have been ordered by the contractor, John Balch, from the Byron Jackson Iron Wks. One of these has been delivered and is being set in place for pumping the water into the pit, from which it will be run out in flumes, the sand being deposited on the floor of the ocean.

PALO ALTO, Santa Clara Co., Cal.—City Eng. J. F. Byxbee, Jr., in report to city council on sewer extensions in East Palo Alto District estimates cost of plant for lifting sewage, based on pneumatic ejector, at $5865, itemized as follows: air compressor, motor & tank installed at power plant, $1500; air main from power plant, $600; 8-in. c. i. discharge main, $1800; ejector manhole, $600; labor installing, fittings and supplies, $365.

MISCELLANEOUS CONSTRUCTION

OAKLAND, Cal.—May is date set by supervisors to vote bonds of $4,496,000 to construct tube under the estuary connecting the cities of Oakland and Alameda. Preliminary plans for the project have been completed by County Surv. Geo. Posey and a permit to construct has been granted by the War Department. Tube will be 30-ft. wide with tracks for San Francisco-Oakland Terminal Rlwys. Entrance will be on Harrison St., bet. 6th and 2nd Sts., with the exit in Alameda in Webster St. near Work St.

SEATTLE, Wash. — Until April 13, bids will be rec. by C. B. Bagley, secy. Bd. Pub. Wks., to const. transmission line for Skagit River Development project; est. cost $1,250,000, involv. const. of 100 mi. 165,000-volt line from Gorge Creek plant to north sub-station. C. F. Uhden, ch. eng.

TUCSON, Ariz—City Eng. G. H. Atchley is preparing data for the proposed municipal garbage plant. The type proposed would dispose of 30 tons of refuse in 10 hours. Est. cost. $40,000.

SEATTLE, Wash.—J. A. McEachern Co., Colman Bldg., Seattle, at $123,668 submits low bid to city council to const. tunnel under the Duwamish waterway on 1st ave. south. Other bids: Puget Sound Bridge and Dredge Co., $123,725; R. L. Sparger, $145,592. Taken under advisement.

LOS ANGELES, Cal.—County Supervisors adopt plan presented by city of Pomona, to const. overhead bridge to eliminate three grade crossings of the So. Pac. and Union Pac. railroads betw. Los Angeles and Pomona. The work will involve about a mile of highway and overhead crossing. Cost, $91,000. The cost will be paid half by railroads and half by City of Pomona.

OAKLAND, Cal—Alameda County receives permit from War Department to const. tube under Oakland Estuary at Harrison St. Total est. cost $4,500,000. Will be double tracked for railway cars. Project will be financed through a bond issue. Geo. A. Posey, county surveyor.

TAFT, Kern Co., Cal.—City trustees considering preliminary plans of several engineers for a garbage incinerator. Early action is expected.

RICHMOND, Contra Costa Co., Cal.—In an effort to secure the sentiment of property owners with the regard to const. of viaduct under tracks of Santa Fe R.R. in 16th St., the city council has requested that petitions be circulated. The estimated cost of the project is placed at $26,910. H. D. Chapman, city engineer.

WATER WORKS

EXETER, Tulare Co., Cal.—City trustees, T. E. Awbrey, clerk, reject bids to fur. and install deep well centrifugal or direct flow turbine pump connected with water main and new bids will be considered April 13. Further information obtainable from clerk.

DUNDEE, Ore.—Town, recently incorporated, will call election to vote bonds to finance constr. of water system.

ST HELENA, Napa Co., Cal.—City Clerk instructed to advertise for bids to const. 5,330 ft. pipe line from main water works to main section of town.

LOS ANGELES, Cal.—Low bidders to const. domestic water system in county water works dist. No. 5, Belle Vernon, near Compton (bids received by county supervisors were:

U. S. Cast Iron Pipe and Fdy. Co., 705 Wright & Callender Bldg., Los Angeles, spec. 1, wrought iron pipe and fittings at (prop. 1) $25,136 and $25,067; and at (prop. 2), $26,161 and $26,080.

Crane Co., 319 E 3rd St., Los Angeles, spec. 2, wrought iron pipe and fittings at $655.79.

Pittsburgh-Des Moines Steel Co., Rialto Bldg., San Francisco, spec. 3, steel tank & tower at (prop. 1) $9160, (prop. 2) $10,155, (prop. 3) $8825 and (prop. 4) $9790; time, 130 days.

Shinn-Holtz-Lyon Co., 2130 E 7th St., Los Angeles; spec. 4, pumping equipment and accessories under (prop. 1), at $2990.75. Byron Jackson Iron Works, Los Angeles, were low on prop. 2 under spec. 4 at $1897.

Marko Mattick, 1436 W 51st St., Los Angeles, on spec. 5, trenching and backfilling and laying mains.

Prendergast Constr. Co., 1311 Washington Bldg., Los Angeles, on spec. 6, conc. pump house and pipe ducts.

Crane Co., on spec. 7, gate and check valves.

Shinn-Holtz-Lyon Co. on spec. 8, furnishing brass angle valves.

Llewellyn Iron Wks., Main and Redondo Sts., Los Angeles, only bidder on spec. 9, steel derrick frame.

Bids referred to R. H. Shonerd, county mechanical dept., for tabulation and report. Details of bids will be published later. The estimated cost of this work is $55,000.

COSTA MESA, Cal.—See "Pipe Lines, Wells," this issue.

LONG BEACH, Cal.—Council vote $10,000 appropriation to enlarge water system; will include drilling two wells construction of additional reservoirs and laying 8,000 ft. 10-in. and 6,000 ft. 8-in. pipe. A. L. Ferver, director of public service.

COMPTON, Cal.—See "Street and Sewers," this issue.

MANTECA, San Joaquin Co., Cal. — City trustees will call election to vote bonds of $75,000 of which $65,000 will purchase privately owner water system, the remainder to finance improvements and extensions. E. H. Jeffries, city engineer.

BERKELEY, Cal. — See "Miscellaneous Bldg. Construction," this issue.

TURLOCK, Stanislaus Co., Cal.—Sterling Pump Works, at $1675 submits low bid to city trustees to fur. one multi-stage, deep well, turbine pump for city water works. Pump to have capacity of 750 gals. per min. against head of 120 ft. direct connected to 440-volt motor, 6 cycle, 3 phase. Other bids: John Pump Co., $1960; Layne Bowler Corp., $2100; Sterling Pump Works, $1675; Byron Jackson Iron Wks. $1925. Taken under advisement. Horace Hall, city eng.

SANTA BARBARA, Cal.—Until 11 a. m., April 5, bids will be rec. by City Mgr., Fred L. Johnston, for (a) trenching and backfilling, (b) installing pipe line fittings and by-pass, (c) installing conc. piers, rubble walls and meter chamber and installing corru. iron pipe drains. Information and spec. may be obtained at the office of the supt. of water distribution at the city hall. Cert. chk. 10%.

PLAYGROUNDS & PARKS

SAN DIEGO, Cal.—Claus Spreckels, of the San Diego Electric Rlwy. Co., announces that plans are being made to develop Mission Beach for an amusement resort. Tentative plans provide for a street car line from San Diego to Mission Beach, convention hall, pier, civic center, etc. Total est. cost $2,000,000.

BERKELEY, Cal. — See "Miscellaneous Bldg. Construction," this issue.

TURLOCK, Stanislaus Co., Cal.—City trustees will be petitioned to call election to vote bonds of $10,000 to finance construction of municipal swimming pool.

GRIDLEY, Butte Co., Cal.—Norton Ware, engineer for Sutter Butte Canal Co., has prepared preliminary plans for municipal swimming pool. Chamber of Commerce is backing project.

SANTA ANA, Cal.—The $30,000 park bond issue failed to carry at the recent election.

SALINAS, Monterey Co., Cal.—Until April 16, 7:30 p. m., bids will be rec. by M. R. Keef, city clerk, to const. tennis court in Central Park. Cert. check 10% req. Spec. obtainable from clerk.

SEWERS AND STREET WORK

SANTA CRUZ, Santa Cruz Co., Cal.—Until April 17, 9 a. m., bids will be rec. by S. A. Evans, city clerk, for Kayne, Liebrandt Tracts District Imp., involv. 540.44 lin. ft. 10-in., 166.45 lin. ft. 12-in., 578.41 lin. ft. 15-in., 881.80 lin. ft. 18-in., and 845.42 lin. ft. 24-in. vit. clay drain pipe; 119 lin. ft. 12-in. and 185 lin. ft. 18-in. corru. metal drain pipe 20 storm water drain manholes; 3 combination catch basins and manholes; 3 Type No. 1, 12 Type No. 3 and 7 Type No. 4 concrete catchbasins; 2 conc. intake bas ns; 1 18-in. and 2 24-in. automatic gates; 2 conc. headwalls for automatic gates; 675 bd. ft. extra merchantable r. w. lumber for bracing corru. metal pipe; 294.58 lin. ft. 12-in. vit. clay sewer pipe; 3 12-in. vit. clay wye branches, 1911 Act. Jas. K. James, city eng. **Complete plans and specifications, together with blanks for bidding are obtainable from office of Building and Engineering News, 560 Mission St., San Francisco.**

VACAVILLE, Solano Co., Cal.—City votes bonds of $40,000 to pave streets. West Main St. will be first unit paved.

FAIRFIELD, Solano Co., Cal.—County Surv. F. A. Steiger in report to supervisors estimates cost of Sonoma street extension, city of Vallejo, at $5500, includ. grade and fill, bridge and culverts.

SALEM, Ore.—State Highway Comm. takes following action on highway projects:

Redmond-Cline Falls Sec. of McKenzie highway, Deschutes county, 4.78 mi. of grading and surfacing; awarded to G. K. March, Spokane, cons. pipe, $36,829.50.

Canby-Aurora Sec. Pacific highway, Clackamas county, bridge No. 584 over Pudding river near Aurora: Awarded to Tobin & Pearce, Portland, at $74,750.

Ashland-East Sec. Ashland-Klamath Falls highway, Jackson county, bridge No. 956 over Emigrant creek: Awarded to E. R. Metzger, Roseburg, at $1470.

Hayden Creek-Keno Sec. of Ashland-Klamath Falls highway, Klamath county, bridge No. 955 over Klamath river near Spencers: Awarded to Union Bridge Co., at $41,510.

Castle Rock Sec. of Columbia River highway, Morrow county, fur. 16,000 c. y. of crushed gravel: Awarded to J. K. Shotwell, Hermiston, at $18,365.

Mile 269.5 Sec. of Pacific Highway in Josephine county, bridge No. 934 over Jump-Off-Joe creek: Awarded to Ryan & Catching, Riddle, at $13,444.

Mile 213-93.8 Sec. of Columbia River highway, Clatsop county, bridge No. 985 over Bear Creek near Svenson: Awarded to W. H. Lee, Rainier, at $6937

Tumalo — Deschutes River Sec. of Bend-Sisters highway, Deschutes county, 1.37 mi. of grading and surfacing: Awarded to G. K. March, Spokane, at $8824.20, using conc. pipe.

Lamprey Creek-Fat Elk Creek Sec. of Roosevelt Coast highway, Coos county, 7.5 mi. grading: Awarded to John Hampshire, Grants Pass, on conc. pipe at $220,350.

Eugene-Goshen Sec. of Pacific highway, Lane county, 4.50 mi. of pavement resurfacing and 0.43 mi. of new pavement: Force & Currigan, Portland, low bidders at $100,609.50. Taken under advisement.

Otter Rock-Agate Beach Sec. of Roosevelt Coast highway, Lincoln county, 5.75 mi. of grading: Hetrick, Klein & Gardner, Portland, low bidders at $181,080.50. Taken under advisement.

Winchester Bridge Approaches on Pacific highway, Lane County, 0.63 mi. of paving: Awarded to Soleim & Gustafson, Astoria, at $18,200 for conc. pavement.

LOS ANGELES, Cal.—Jahn & Bressi, Seattle (temp. Los Angeles address Ambassador Hotel), awarded cont. by Bd. Pub. Wks. at $222,727.61 for imp. Rowena Ave., bet. Glendale Blvd. and west line of Ivanhoe, involv. 434,174 sq. ft. conc. paving at 24.5c ft.; 15,739 sq. ft. grading and oiling at 7c ft.; 23,605 ft. curb at 65c ft.; 73,322 sq. ft. walk at 20c ft.; 1152 sq. ft. conc. gutter at 30c ft.; catchbasin and reinf. conc. pipe culvert, $900; san. sewer complete, $48,500; grading (lump sum) $34,500. Eng. est. $241,349.48. Other bids were: Croatian-American Inv. Co., $242,607.56; W. D. McCray, $248,903.52; Geo. H. Oswald, $251,278.68; Griffith Co. $265,670.65; Hill Constr. Co., $270,817.70; Geo. R. Curtis, $278,374.87.

Geo. H. Oswald, 366 E 58th St. awarded cont. at $42,634.01 for imp. 12th St., bet. Santous St. and Union Ave., involving grading (lump sum) at $4350; 129,349 sq. ft. asph. paving at 25c ft.; 12,882 sq. ft. paving at 20c ft.; 577 ft. curb at 60c ft.; 1093 sq. ft. walk at 20c ft.; 7406 sq. ft. conc. gutter at 26c ft.; san. sewer at $700; 120 ft. hse. sewers at $1.50 ft. Engr's. est., $43,881.09. Other bids were: Griffith Co., $43,036.45; Geo. R. Curtis, $44,107.75; L. A. Paving Co., Inc., $45,329.59.

OREGON CITY, Ore.—C. P. Archer, 1025 Francis Ave., Portland, at $33,615.80 awarded cont. by county comm for rd. project 1, sec. of Oswego-Wilsonville rd., (Oswego-Athey bridge sec) 1-course conc. pavement.

Oregon Contract Co., 300 Blake-McFall Bldg., Portland, at $42,499 awarded cont. for Oregon City and Molalla rd. 1-course conc. pavement with crushed rock on gravel shoulders.

OLYMPIA, Wash.—Jos. Warter, Sr., Tacoma, awarded cont. by state highway comm. to pave with 6½-in. conc. 20 ft. wide, Pacific Highway, 5.3 mi. long, bet. Kelso and Stockport, $171,951 and Pacific Highway, 4.6 mi. long, bet. Stockport and Castle Rock, $148,435.

WHITTIER, Cal.—Council declares intention to imp.:

Havaland Ave., bet. Hadley and Camilla; pave with 6-in concr.; const. curb and walk.

Orange Dr., bet. Greenleaf and Milton Aves., pave with 6-in. concr.; const. curb and walk.

Palm Ave., bet. Lemon St. and SW city limits; pave with 6-in. concr; const. curb, reinf. concr. culvert.

1911 Act. Paul E. Todd, City Eng. C. O. Trueblood, City Clerk.

GLENDALE, Cal.—Ducey & Breitenstein, 151 S. Hill Ave., Pasadena, awarded cont. by council at $27,709.64 to pave Doran St., Pacific Ave. and other sts., involv. 139,190 sq. ft. macad paving and other incidental items.

SAN BERNARDINO, Cal.—Until 7:30 P. M., April 16, bids will be rec. by council to imp.:

Wallace St., bet. F and G Sts, 4-in. concr. paving.

Hanson St., bet. H and I Sts., 4-in. macad. paving; const. cem. gutters.

13th St., bet. E and F Sts., 4-in. cem. paving; const. cem. walks and curbs.

1911 Act. J. H. Osborn, City Clerk.

HANFORD, Kings Co., Cal.—City Eng. Ben Duffield preparing spec. to pave 5th St., bet. Brown St. and west city limits and Irwin and Phillips Sts., bet. 5th and 6th Sts.

SALEM, Ore. — Marion county has $850,000 available to pave 100 mi. of market roads and 50 mi. of graveled roads.

RIVERSIDE, Cal.—City Street Dept. awarded contr. by council at $29,585.84 to resurface Palm, Brockton, Jurupa and other streets, involving 758,611 sq. ft. at 3.9c sq. ft. Lee Natzgar, city eng.

SANTA MONICA, Cal.—City council orders const. of 30-in. reinf. conc. pipe storm drain in Wilshire Blvd., between Ocean Ave and 3rd St. 1911 Act. John A. Morton, city engineer.

SAN RAFAEL, Marin Co., Cal.—Council rejects bids to grade and pave 3rd St., bet. Mary St. and pt. 2300 ft. e. to city limits, involv. 2625 cu. yds. embankment; 4068 cu. yds. waterbound macadam. Work ordered by day labor under supervision of city eng.

SAN RAFAEL, Marin Co., Cal. — Raisch Imp. Co., 46 Kearny St., San Francisco, at approx. $37,445 awarded cont. by council to surface various streets with asph. conc. and asphalt macadam.

SAN FRANCISCO—Until April 18, 3 p. m., bids will be rec. by Bd. Pub. Wks. to const. pedestrians walk along Great Highway. This is a city pay job. Est. cost $15,000. Spec. obtainable from office of city eng. M. M. O'Shaughnessy, 3rd floor city hall.

NAPA, Napa Co., Cal.—City council plans early improvement of portions of Bell, Evans and Willow Aves. Streets will be paved with 2-course asphalt macadam, 40, 32 and 24-ft. wide, respectively. Work to be done under 1911 Act. H. A. Harrold, city eng.

LOS ANGELES, Cal.—Hill-Hubbell & Co., 1612 Compton Ave., Los Angeles, awarded contr. by harbor comm. at 30c sq. ft. to pave wharf at berth 232 with 2-in. asph. mastice. Warren Constr. Co. bid 31.5c sq. ft. 2-in. Warrenite-bit. surface. The work involves 63,000 sq. ft. paving.

PASO ROBLES, Cal.—State board of health has requested city of Paso Robles, San Luis Obispo county, to take immediate steps to provide an outfall sewer system. City Engr. W. W. Hughes has been authorized to appoint a consulting engr. to design adequate treatment works.

TEHAMA COUNTY, Calif.—Following bids rec. by U. S. Bur. Pub. Roads, 881 Mills Bldg., San Francisco. C. H. Sweetser, Dist. Eng., to const. Mineral Sec., Red Bluff-Susanville Lateral in Lassen Natl. Forest, approx. 12 miles; principal items of work include: 631 sta. clearing; 134,224 cu. yds. excav.; 9531 yds. sta. overhaul; 113 cu. yds. class A and 210 cu. yds. class C conc.; 13,750 lbs. rein. steel; 3802 lin. ft. corru metal pipe 15 to 24-in.; 56,300 lbs. structural steel:

C. R. Hill, Reno, Nev.	$138,555.52
Redmond, Page & Pond	143,965.53
Dredger Machinery Co.	167,018.81
Hart Constr. Co.	178,244.52
W. S. Griscon	179,878.25
W. B. Arent	183,344.02
B. B. Boyle	197,003.69
Brown and Stafford	206,013.53
Bates & Rogers Constr. Co.	235,162.26
W. J. Schmidt	243,562.07
Engineer's estimate	$168,363.63

LOS ANGELES, Cal. — T. E. Shafer, 1113 W Jefferson St., submitted low bid to Bd. Pub. Wks. to imp. Marmion Way, bet. Ave. 37 and 95 ft. s. w. from French Ave., involv. grading at $200 (lump sum); 20,209 sq. ft. grading and oiling at 7c ft.; 1181 ft. curb at 58c ft.; 2651 sq. ft. walk at 20c ft.; 2514 sq. ft. conc. gutter at 32c ft.; storm drain complete at $550.

T. E. Shafer, 1113 W Jefferson St. low bidder to imp. Leighton Ave., bet. Harvard Blvd. and Western Ave., involv. grading at $150 (lump sum); 20,345 sq. ft grading and oiling at 7c ft.; 140 ft. curb at 58c ft.; 700 sq. ft. walk at 21c ft.; 2194 sq. ft. gutter at 32c ft.

Griffith Co., L. A. Ry. Bldg., only bidder to imp. 8th St., bet. Paloa Verdes and Center Sts., involv. grading at $2,300 (lump sum); 22,832 sq. ft. paving at 23.5c ft.; 720 sq. ft. conc. paving at 30c ft.; 1107 ft. curb at 7oc ft.; 4992 sq. ft. walk at 21c ft.; 1176 sq. ft. gutter at 30c ft.; 330 ft. hse. sewers at $1.50 ft.

Geo. R Curtis, 2440 E 26th St., at $59,338, low bidder to imp. Van Ness Ave., bet Sunset Blvd. & Lemon Grove Ave., involv. grading at $12,000 (lump sum); 48,616 sq. ft. conc. paving at 26c ft., 52,072 sq. ft. Warrenite-Blt. paving on bitum base at 25.5c ft.; 47,580 sq. ft. Warrenite-bitul. paving on conc. base at 28c ft.; 2798 ft. curb at 75c ft.; 4622 sq. ft. walk at 25c ft.; 5104 sq. ft. conc. gutter at 33c ft.; reinf. conc. culvert; $1000, san. sewer, $3100; 390 sq. ft Warrenite-bitul. wearing surface on existing base at 15c ft.

Griffith Co., L. A. Ry. Bldg., L. A. low bidder to imp. 54th St., bet. Van Ness Ave. and 150.58 ft. w. of Hillcrest Dr., involv. grading, lump sum, $9800; 126 sq. ft. conc. paving at 30c ft.; 244,321 sq. ft. asph. conc. (Topeka) paving at 24.5c ft.; 3261 sq. ft. grading and oiling at 7c ft.; 4185 ft. curb at 60c ft.; 3575 sq. ft. walk at 22c ft.; 14,067 sq. ft. gutter at 32c ft.; reinf. conc. culvert at $11,000; 136 ft. hse. sewers at $1.50.

L. A. Paving Co., Inc., 2900 Santa Fe Ave., low bidder to imp. San Pedro St., bet. South Park Ave. and Vernon Ave., involv. 262,232 sq. ft. grading to finish subgrade at 3c ft.; 261,763 sq. ft. asph. paving at 24.5c ft.; 469 sq. ft. conc. paving at 20c ft.; 218 ft. curb at 75c ft.; 93 sq. ft. walk at 24c ft.; 10,312 sq. ft. conc. gutter at 26c ft.; reinf. conc. culvert at $4500; 1550 ft. hse. sewers at $1.50 ft.

Croation-American Inv. Co., 208 W 2nd St., at $25,960 to const. rein. conc. storm sewer in Country Club Dr., bet. Rimpau Blvd. and Harcourt Ave., involv. 1150 ft. 48-in., 1301 ft. 45-in. and 240 ft. 12-in. reinf. conc. pipe; 5 manholes, 10 catch basins. Work also involves 1847 sq. ft. grading and oiling, 117 ft. curb; 280 sq. ft. walk; 296 sq. ft. gutter. Other bids were: Mike P. Rudinica, $29,890; Frank H. Brigham, $30,427.68; M. Simunovich, $30,849; W. D. McCray, $30,970; P. J. Akmadzich, $33,306.60; C. E. Green, 37,900.

Coatian-American Inv. Co., 208 W 2nd St., at $48,800 low bidder to const. cem. pipe sewer in Byram St., bet. Queen Ann Pl. and LeClaire Pl., involv. 2356 ft. 10-in., 2794 ft. 12-in., 3926 ft. 8-in., and 1388 ft. 6-in. pipe; also 4408 ft. 6-in. hse. sewers. Other bids were. John Artukovich, $63,000; Mlagenovich & Gillespie, $64,300; Nick Bebek, $66,000; C. E. Green, $66,500; Adam Dalmatin and Mike Gutho, $68,432; Budincich & Nikcevich, $87,200; Leo Miletich, $95,000; S. Zarubica, $96,500; P. S. Tomich, $120,000.

Griffith Co. low bidder to imp. Shepard St., bet. Pacific Ave. and Gaffey St. involv. grading at $3740 (lump sum); 2247 sq. ft. conc. paving at 23c ft.; 4420 sq. ft Topeka paving at 20.5c ft.; 3733 ft. curb at 60c ft.; 12,451 sq. ft. walk at 21c ft.; 2863 sk. ft. gutter at 30c ft.; hse. sewers at $1.50 ft.

C. E. Green, 230 Grosse Bldg., low bidder at $28,542.82 for const. cem. pipe sewer in Fallston St., bet. Fayette St. and Ave. 56, involv. 5827 ft. 8-in., 3306 ft. 6-in pipe; also 6770 ft. 6-in. hse. sewers, 28 manholes, 13 flush tanks. Other bids were: Leo Miletich, $32,073; Martin G. Brkich, $33,340; Nick Bebek, $34,000; B. D. Zaich, $38,333; Budincich & Nikcevich, $39,400; P. S. Tomich, $39,700; S. Zarubica, $44,700.

STOCKTON, San Joaquin Co., Cal.—Until April 24, 10:30 a. m., bids will be rec. by A. L. Banks, city clerk, to imp. portions of Harrison, Lincoln, Jackson, Anderson Sts., etc., by grading; const. comb. conc. curbs and gutters; conc. walks; pave with 4-in. cementing gravel base (after full compression) and 2-in. asph. macadam surface. 1911 Act and Bond Act. 1915. Cert. check 10% payable to city req. W. B. Hogan, city engineer.

REDWOOD CITY, San Mateo Co., Cal.—Until April 23, 8 p. m., bids will be rec. by W. A. Price, city clerk, to imp. portions of Oak Knoll, Drive, Brewster, Opal, Hillview Aves., etc., involv. 413,747 sq. ft. oil macadam pavement, corru iron culverts, etc. 1911 Act. Cert. check 10% payable to town req. C. L. Dimmitt, city eng.

SAN DIEGO, Cal. — Until 10 a. m., April 16, bids will be rec. by City Clerk A. H. Wright, to imp. Eagle St., involv. 83,544.24 sq. ft. paving with 1½-in. asph conc. surface on 2½-in. bit. base; 19.71 lin. ft. cem. curb; 105.75 aq. ft. cem. sidewalk; 36-in. cem. pipe sewer laterals; 1 culvert 75-ft. long of 12-in. No. 16 gauge corr. iron pipe.

Bids, same date to imp. 8th and A Sts. involv. 94,645.2 sq. ft. paving with 1½-in. asph. conc. surface on 2½-in. bit. base; 15,600 sq. ft. paving with 5-in. cem. conc.; 70 lin. ft. cem. curb; 6 4-in. cem. pipe sewer laterals; 2 6-in. cem. pipe sewer laterals; reconst. 2 conc. catch basins.

Bids, same date, to imp. Goldsmith and Evergreen Sts., involv. 101,779.3 sq. ft. paving with 1½-in. asph. conc. surface on 2½-in. bit. base. F. A. Rhodes, city engineer.

BERKELEY, Cal. — See "Miscellaneous Bldg. Construction," this issue.

SAN LIUS OBISPO, Cal. — Low blds rec. by supervisors for road improvements follow:

(1) Sec. B, road 3, San Luis Obispo-Cambria Rd., awarded to A. Malcolmson San Luis Obispo, involv. 3500 cu. yds. excav. at 85c yd.

(2) Sec. B, as above, involv. hauling 16,000 cu. yds. gravel, W. S. Griscom, San Francisco, low bidder at $1.75 cu. yd. Blds rejected and work will be done by the day.

(3) Sec. A, road 21 Santa Margarita-Pozzo Rd., involving 10,000 cu. yds. hauling gravel, Jones & Walters, Arroyo Grande, low bidders at $22.50 for loading and 42.5c yd. mi. for hauling. Bid rejected and work will be done by the day.

(4) Sec. B, hauling 9600 yds. gravel Jones & Walters low bidders at same prices as on Sec. A, under item 3. Bid rejected.

WHITTIER, Cal.—Independent Paving Co., 321 E. 4th St., Long Beach, awarded contr. by Trustees to pave Howard St., bet. Pickering Ave. and 1126 ft. west, involv. 6-in. concr. paving at 27.62c sq. ft.; grading at 8c sq. ft.; concr. curb at 57c ft.

EUREKA, Humboldt Co., Cal.—City council petitioned to extend proposed paving of H St., bet. Harris to Fourth to Second St. in co-operation with the proposal to pave Second St. bet. H and M Sts. City Eng. Harry H. Hannan preparing spec. to pave Myrtle Ave. bet. 4th and 7th.

YUMA, Ariz.—Breedlove Bros., Yuma, awarded contr. by Yuma County highway commission to const. Dry Lake road, bet. Vicksburg and Quartzsite, involv. 8000 cu. yds. excav.; 4000 cu. yds. gravel surfacing, and other incidental items.

SACRAMENTO, Cal.—Until April 12, 9 p. m., bids will be rec. by H. G. Denton, city clerk, to imp. 17th St., bet. D and Q Sts., except Inter-sections from E to P Sts., by placing c. i. gutter drains with 6-in. vit. manhole connetcions; conc. curb and gutter; reconst. manholes; grade; 2-in. asph. conc. pavement

Separate bids, same date, to imp. 51st St. bet. J and pt. 560 ft. n. by const. vit. sewer with wyes attached; const. conc. manhole with c. i. curb and cover. Cert. check 10% payable to city req. Albert Givan, city eng.

SACRAMENTO, Cal.—City Council, H. G. Denton, clerk, declares inten. to imp. portions of 55th, V and 57th Sts., placing c. i. gutter drains with 6-in. vit. manhole connections; const. vit. sewers with 4-in. wyes; conc. manholes; grade; 4-in. asph. conc. pavement.

Inten. declared to imp. 51st St., bet. Folsom Blvd. and pt. 690 ft. n. const. vit. sewer with 4-in. wyes; conc. manholes. 1911 Act. Protests April 19. Albert Givan, city eng.

SANTA BARBARA, Cal. — Sam J. Stanwood, county supervisor, states that Rattlesnake Canyon Rd. fro mMission Canyon Rd. for a quarter of a mile, will be paved at once. The total improvement will consist of about 1 mi. of 6-in. macad. paving. Work will be paid for out of the road fund.

SAN JOSE, Santa Clara Co., Cal.—County supervisors, Henry A. Pfister, clerk, extend time to open bids to resurface Story Rd. bridge and Tully road from April 19 to May 7, 11 a. m.

STOCKTON, San Joaquin Co., Cal.—Until April 17, 10:30 a. m., bids will be rec. by A. L. Banks, city clerk, to const. sanitary seewr in McKinley Ave., bet. 6th St. and Moss Ave. Cert check 10% payable to city clerk req. Spec. obtainable from city eng. W. B. Hogan.

SAN GABRIEL, Cal.—C. L. Atkinson, San Gabriel, awarded cont. by city trustees to imp. Santa Anita St., bet. Mission Dr. and Arroyo Dr. and a portion of McGroarty St., involv. 53,000 sq. ft. oil macad. at 14c ft.; 2850 ft. curb at 45c ft.; 114,250 sq. ft. walk at 15c ft.

SEATTLE, Wash.—Streets and Sewers Committee of city council recommends paving of Jackson St., and adjoining sts. and aves. south of Yesler Way bet. 1st and 4th aves., est. cost $500,000. Proceedings have been started to grade and pave Wilson Ave. and Genesee St., est. coat $250,000.

SEATTLE, Wash. — Puget Sound Bridge and Dredging Co., Central Bldg., at $523,821 awarded cont. by city council to imp 9th Ave. south, et al., involv. grading, fill and paving.

SANTA ANA, Cal.—Until 7:30 p. m., April 16, bids will be rec. by city trustees to imp. s. Garnsey St., bet. West Pine St. and Fairview Ave., involv. 141,-660 sq. ft. grade and pave with 5-in. conc.; 353 ft. 4-in. hse. sewers; 1915 Bond Imp. Act. W. G. Knox, city engr.

SANTA ANA, Cal.—Quantities involv. in Richfield Rd. Imp. R. D. I. No. 19) for which bids will be rec. by county supervisors April 19, are: 158,095 sq. ft. 5-in. asph. conc. pavement; 3500 cu. yds. gravel base, to be spread 4-in. thick, 20 ft. wide. The pavement will be 16 ft. wide and 9673 lin. ft. in length. J. L. McBride county rd. commissioner.

OAKLAND, Cal.—Until April 12, 12 m., bids will be rec. by E. K. Sturgis, city clerk, to imp. 96th Ave., bet. E-14th St. and Foothill Blvd., involv. 227,350 sq. ft. grading, 6962 lin. ft. conc. curb; 13,915 sq. ft. conc. gutter; 116,950 sq. ft. oil macadam pavement; 42,898 sq. ft. cem. walks; 127 lin. ft. 10-ft. wide wooden culvert; 4 wingwalls; 28 lin. ft. 6x20 wood culvert and 697 lin. ft. 8x24 corru iron and conc. culvert; 18 handholes; 4 storm water inlets; 45 lin. ft. 12-in. and 32 lin. ft. 10-in. pipe conduit. 1911 Act. Cert. check 10% payable to city req. W. W. Harmon, city engr.

YUBA CITY, Sutter Co., Cal.—Bonds of $10,000 voted in Yuba City Grammar School District, a portion of which will finance street paving fronting school property.

POMONA, Cal.—Until 12 noon, April 10, bids will be rec. by council to imp. 11th St., bet. Garey and Towne Aves., grade and pave with 5-in. oiled macad.; 1911 Act. T. R. Trotter, city clk.

ORANGE, Cal.—City will vote bonds of $12,000 April 18 to finance const. of storm drain in Cambridge St.

SAN FRANCISCO — City attorney rules supervisors may transfer $250,000 to State Highway Commission for the const. of a parallel highway down the peninsula in San Mateo county.

SAN DIEGO, Cal.—City Engr. F. A. Rhodes preparing spec. for 25 miles of city street paving est. to cost more than $2,000,000. Approx. 18 miles of new water mains will be laid.

ORANGE, Cal. — City trustees will call bond election for $12,000 to const. storm sewer in Cambridge St.

SANTA ANA, Cal.—City vote bonds of $30,000 to pave W 5th St., bet. Baker & west city limits.

SAN JOSE, Santa Clara Co., Cal. — Council, J. J. Lynch, clerk, declares inten. to imp:

Humboldt St., bet. 1st and Mastic: grade; pave with 3-in. bit. conc. base with 1½-in. bit. conc. surface; 2 br. catchbasins; 8-in. vit. pipe drains; hyd. conc. curbs, gutters, walks and driveways.

Inten. declared to imp. 10th St., bet. n. line Reed and s. line Reed St.; grade; pave with 1½-in. Durite asph. conc. surface on 3-in. Durite asph. conc. surface on 3-in. Durite asph. conc. base; 1 br. catchbasin; 8-in. vit. pipe drains.

1911 Act and Bond Act 1915. Protests April 23. Wm. Popp, city eng.

SAN RAFAEL, Marin Co., Cal.—Gates and Brazelton at $14,558 awarded cont. by supervisors to imp. Red Hill Rd. Sec. 1. Other bids: S. P. Brownlee, $19,810; F. A. Merrill, $25,849; Dredge Machinery Co., $20,000.

S. P. Brownlee, San Rafael, at $6600 awarded cont for Manor to ft. of White Hill rd. Other bids: F. A. Merrill, $13,-241; Dredge Machinery Co., $8900.

S. P. Brownlee, at $2104 awarded contract for Salmon Creek rd. imp.

OROVILLE, Butte Co., Cal. — Until April 25, 7:30 p. m., bids will be rec. by R. A. Leonard, secy., Thermalito Irrigation District for laying 50,400 lin. ft. riveted slip joint pipe including necessary fittings. Pipe to be furnshed by dist. Further information obtainable from secy. S. J. Norris, Oroville, Ch. Eng. for dist.

STOCKTON, San Joaquin Co., Cal.—Kaus Bros., Stockton, awarded contract by council to imp. portions of Blain's Lane, involv. 52.26 cu. yds. cut, $.75; 8.01 cu. yds. fill, $.50; 548 lin. ft. curb-gutter, $.95; 1,870.93 sq. ft. walks, $.21.

SAN MATEO, San Mateo Co., Cal.—City trustees, E. W. Foster, clerk, declare inten. to imp. portions of 1, 2, 3, 4th Aves., E, F, G, H and I Sts., grade; pave with 5-in. and 7-in. byd. conc.; const. driveway approaches; 6-in. vit. main sewers and 4-in. lateral sewers; brick manholes; conc. catchbasins, etc. 1911 Act and 1915 Bond Act. Protests Apr. 23. G. Stanley Whitehead, city eng.

TURLOCK, Stanislaus Co., Cal.—City Trustees, A. P. Ferguson, Clerk, declare inten. to imp. Orange St., bet. South Ave. and W-Main St.: Grade; pave with 3-in. asph. conc. with 1½-in. Warrenite-Bit. surface; conc. curbs and gutters; corru. iron culverts. 1911 Act and Bond Act of 1915. Protests May 1. Horace Hall, City Eng.

OAKKLAND, Cal. — Council, E. K. Sturgis, clerk, declares intention to imp

Portions of E St., bet. Jones and 92nd Ave.; grade; pave with oil macadam; conc. curbs, gutters; cem. walks.

Portions of 89th Ave. and D St.: grade, oil macadam pavement; conc. curbs, gutters; wood, corru. iron and conc. culverts.

1911 Act. Protests April 26. W. W. Harmon, city engineer.

LOS ANGELES, Cal.—Until 10 a. m. April 9, bids will be rec. by Bd. Pub. Wks. to imp. Diaz Ave., bet. Rita St. and Ventura Blvd., involv. 194,772 sq. ft. Topeka paving; 290 sq. ft. grading and oiling; storm drain complete (85 ft. 18-in. and 55 ft. 24-in. corru. iron pipe); 7824 cu. yds. cut; 337 cu. yds. fill; Vrooman Act.

VISALIA, Tulare Co., Cal.—Until May 8, 2 p. m., bids will be rec. by Gladys Stewart, county clerk, to imp. 3 divisions of highway system with Port. cem. or asph. conc. shoulders, together with asph. conc. surfacing, as follows:

No. 1—Lindsay-Tulare Division: involv.:

Item (1) 670 cu. yds. excavation.
(2) 940 cu. yds. class A concrete.
(4) 1787 tons asphaltic concrete surfacing.
(3) 1191 tons asphaltic concrete base.
(4) 596 tons asphaltic concrete surfacing (used on asphaltic concrete shoulders).

No. 2—Goshen South Division: Item No. (1) 950 cu. yds. excav., (2) 1148 cu. yds. class A concrete, (4) 2200 tons asphaltic concrete surfacing, (3) 1456 tons asphaltic concrete base, (4) 730 tons asphaltic concrete surfacing (used on asphaltic concrete shoulders).

No. 3—Dinuba West Division: Item No. (1) 1600 cu. yds. excav., (2) 1948 cu. yds. class A concrete, (4) 3607 tons asphaltic concrete surfacing, (3) 2424 tons asphaltic concrete base, (4) 1212 tons asphaltic concrete surfacing (used on asphaltic conrete shoulders).

The county reserves the right to reject any and all bids on either Item 2 or 3 and as an alternative, accept bids on Items 3 or 2.

Cement rock and aand will be furnished for concrete by the county, f. o. b. nearest railroad siding.

Cert. check 5% payable to Chair. Bd. Sups. req. with each bid. Plans obtainable from County Surv. Laurence A. Moye.

GLENDALE, Cal.—W. J. Curren, 379 W Patterson, Glendale, submitted low bid to council at $7996 to imp. Gilbert St., involv. 950 ft. grading at 50c ft.; 39,052 sq. ft. 3-in. macad. at 9c ft.; 9000 sq. ft. walk at 16c ft.; water pipe compl. at $1615.23.

Cornwell & Henderson, 127 S Glendale Ave., Glendale, low bidders at $4533 to imp. portion of Magnolia Ave., involv. 912 ft. grading at 20c ft.; 1089 ft. curb at 50c ft.; 27,800 sq. ft. 3-in. macad. at 10c ft.; 6640 sq. ft. walk at 17c ft.; water pipe complete, $1025.51.

IRVINGTON, Alameda Co., Cal.—Irvington Sanitary District votes bonds of $75,000 to finance sewer improvements.

BERKELEY, Alameda Co., Cal.—Council, E. M. Hann, Clerk, declares inten. to const. 6-in. vit. sewer and 3 br. manholes in Miller Ave. bet. Keeler and North Cragmont. 1911 Act. Protests April 20. C. L. Huggins, City Eng.

HUNTINGTON PARK, Cal. — L. A. Paving Co., 2900 Santa Fe Ave., Los Angeles, awarded contr. by city trustees to imp. Miles Ave., approx. 4000 ft. 40-ft. wide, by paving with 4-in. asph. conc. at 15c ft.; grading at $1 lin. ft.; and gutter at 30c ft.

MONTEREY, Monterey Co., Cal. — Council, A. J. Mason, clerk, declares intention to imp. Munras Ave., bet. Blk 114 to west city limits: grade; pave 24 ft. wide with 2-in. asph. conc. surface on 5½-in. macadam base; two 15-in. corru. iron culverts with conc. copings. 1911 Act and Bond Act 1915. Protests April 24. H. D. Severance, city eng.

SANTA ROSA, Sonoma Co., Cal. — Warren Const. Co., Bacon Bldg., Oakland, only bidder, awarded contracts by council to imp:

At $17,800, Wilson St., bet. 5th and 9th grade or fill where necessary; reshape macad. base and pave with 2½-in. bit. conc base with 1½-in. Warrenite-Bit. surface; conc. curbs and gutters.

At $12,000, A St., bet. 5th and 9th Sts.; grade or fill where necessary; reshape macad. base and pave with 3-in. Warrenite-Bit. laid in 1-course; comb. curbs and gutters.

At $8780, Cherry St., bet. Mendocino and King, grade or fill where necessary reshape macad. base and pave with 3-in. Warrenite-Bit laid in 1-course.

At $8600, Davis St., bet. 5th and 9th Sts.; grade or fill where necessary; reshape macad. base; pave with 3-in. Warrenite-Bit. laid in 1-course: const. conc. curbs and gutters.

L. L. Mills, city engineer.

YUMA, Ariz.—Breedlove Bros., Yuma, awarded cont. by co. highway commission, at $8576.35 to const Dry Lake Rd., involv. 10,211 cu. yds. excav. at 20c yd.; 4485 cu. yds. gravel surfacing in place at $1.39 yd.; 12 cu. yds. class B conc. at $25 yd.

SAN FRANCISCO — State Highway Commission agrees to accept $250,000 appropriated by San Francisco supervisors and construct a second main highway down the Peninsula in San Mateo county, "provided no legal restrictions prevents such an agreement."

SANTA CRUZ, Santa Cruz Co., Cal. — Supervisors petitioned to improve 13.2 mi. of road in Highland Road District to be paved 14 ft. wide with 4-in. rock pavement; $10,000 to be appropriated by supervisors, $1300 to be taken from Soquel road fund and the balance to be raised by issuance of bonds. Taken under advisement. Lloyd Bowman, county surveyor.

OLYMPIA, Wash.—Until May 1, 10 A. M., bids will be rec. by State Highway Commission, James Allen, Commissioner, for following projects:

Grade, drain and pave with conc. 4.85 mi. of Sunset highway in Spokane and Lincoln countles.

Const. reinf. conc. bridge over Touchet river on Inland Empire highway.

Const. steel bridge with conc. approaches over Koch slough on the Pacific highwty near Silvanan in Snohomish county.

Grade approach to Nesika bridge on National Park highway in Lewis county (6000 yards rock excavation).

Clear, grade and drain 6.89 miles of Pacific highway bet. Bellingham and Ferndale in Whatcom county.

Clear, grade, drain and surface with gravel 4.23 mi. of Sunset highway bet. Preston and Falls City in King county.

Clear, grade and drain 8.78 mi. of Olympic highway bet. Agnew and Port Angeles in Clallam county.

SAN MATEO, San Mateo Co., Cal.—Chambers and DeGoyler, Bacon Bldg., Oakland, at $5550 awarded cont. by trustees to imp. Peninsula Ave. and H St., involv. 2100 lin. ft. 18-in. and 40 lin. ft. 24-in. double atrength vit. pipe; 70 lin. ft. 8-in. stand. vit. pipe; 7 catchbasins; 4 manholes and 7 wye drains.

HANFORD, Kings Co., Cal.—California Const. Co., Mattei Bldg., Fresno, at approx. $8071 awarded cont by council to imp. Center St., bet. Irwin and Redington and Keweah and Redington; grade, 3½c, 4-in. bit. base with 1½-in. Warrenite-Bit. surface pavement, 24.4c; cem. curb, 70c; 5-in. gutter, 35c and 8-in. 54c.

SAN FRANCISCO — State Highway Commission authorized to const. highway through Fort Miley reservation. The authorization removes the last obstacle to the construction of a direct route to the new California Palace of the Legion of Honor at the Lincoln Park summit, and will permit the construction of another link in the city's boulevard system.

PALO ALTO, Santa Clara Co., Cal.—City Eng. J. F. Byxbee, jr., completes spec to extend sanitary sewers in subdivision of block "J", known as "Southgate," involv. 23,352 lin. ft. 6-in. and 2287 lin. ft. 8-in. sewer pipe; 6 lamphoues, 725 4-in. wyes on 6-in. and 340 4-in wyes on 8-in. pipe. Est. cost, $26,-135.80 Bids will be asked shortly.

REDWOOD CITY, San Mateo Co., Cal.—City Eng. C. L. Dimmitt preparing spec. for sewers in Laguna St. and Virginia Ave.; Western addition section.

SAN JOSE, Santa Clara Co., Cal.—Arrangements have been completed with the city council whereby all contracts held by Hugh Crummey, deceased, will be taken over and completed with his son, R. H. Crummey, who will be financed by the California Construction Co.

MARTINEZ, Contra Costa Co., Cal.—Eng. T. Sayles Martinez, at $87,305.13 awarded cont. by city trustees to imp. portions of Mason, Castro, Arreba Sts., etc., grade and pave with asph. conc. base with Warrenite-Bit. surface of various widths and thicknesses; const. conc. curbs and gutters; 4 and 6-in. vit. sewers, storm water inlets; br. and cem manholes, etc. 1911 Act & Bond Act. Other bids: J. A. Dowling, $90,794.98; Municipal Imp. Co., $92,765.92.

CHICO, Butte Co., Cal.—Until April 10, 8 p. m., bids will be rec. by Ira R. Morrison, city clerk, to imp. The Esplanade, involv. 183,600 sq. ft. 4-in. asph macadam pavement; 8000 sq. ft. conc. gutter; 1000 lin. ft. conc. curb. 1911 Act and Bond Act 1915. F. S. Robinson, city engineer.

SALINAS, Monterey Co., Cal.—Until April 16, 7:30 p. m., bids will be rec. by M. R. Keef, city clerk, to const. tennis court in Central Park. Cert. check 10% req. Spec. obtainable from clerk.

SANTA BARBARA, Cal.—Until 5 p. m., April 19, bids will be rec. by council to imp. 4th St., bet. Bath St. and 494 ft. s.w. of Rancheria St., grade and pave with 1½-in. asph. conc. on 5-in. conc. base; const. comb. conc. curb and 6-ft. gutters; conc. driveways; gutters; cross gutters; vit. pipe hse. sewers; reinf conc. culverts; 1911 Act. Geo. D. Morrison, city engr.

STOCKTON, San Joaquin Co., Cal.—Cy Morening, Commercial Savings Bank Bldg., Stockton, at approx. $16,000 awarded cont. by supervisors to imp. Monte Diablo Ave., Rd. Dist. No. 1, from Buena Vista Ave. to west levee of Stockton river involv. 1740 cu. yds. grading; 2920 tons rock in base course and 1170 tons rock in top course; 590 tons dressing for oil covering; 480 tons asphaltic oil.

BURLINGAME, San Mateo Co., Cal.—Bay Imp. Co., Phelan Bldg., San Francisco, at $16,817.60 submits low bid to city trustees to imp. H St., bet. Peninsula and Burlingame Aves., involv. 57,-000 sq. ft grading; 34,150 sq. ft. conc. pavement with 1½-in. Topeka top; 9000 sq. ft. cem. walks; 1950 lin. ft. cem. curbs; 1725 lin. ft. cem. gutter; 100 lin. ft. 15-in. and 550 lin. ft. 4-in. ironstone sewer pipe; 25 4x4-in., 10 4x6-in. and 10 4x8-in. ironstone sewer wyes; 3 24x24-in. stand. grated inlets. Pacific State Const Co., Call Bldg., San Francisco, only bidder at $17,129.25. Taken under advisement until April 9th. Carl Torello, city eng.

SANTA ANA, Cal.—Joe Chutuk, 426 Bullard Bldg., Los Angeles, awarded contr. by city trustees, at $12,210.15 to const. sewer in N Artesia St., bet. 5th and 9th Sts., involv. 989 ft. 10-in. vit. pipe at 70c ft.; 8040 ft. 8-in. pipe at 70c ft.; 4236 ft. 6-in. pipe at 70c ft.; 31 manholes at $75 ea.; 6 flush tanks at $100 each. Other bids were: Cox & Tegel $13,725.05; Pernel Barnett, $13,459.15; Nick Bebek, $14,169.06; Budinich & Nikcevich, $14,667.16; B. D. Zaich, $14,189.78 Leo Miletich, $18,743.90; H. D. Churchill Co., $18,911.10; C. E. Green, $20,610.50.

REDWOOD CITY, San Mateo Co., Cal.—Chambers and DeGoyler, Bacon Bldg., Oakland, at approx. $1950 awarded contract by council to const. 6-in. vit. sewer; 6 br. manholes; 1 lamphole, 31 6x4-in. vit. wyes also alleys bet. Blocks 16 and 18 by const. 6-in. vit. sewers; 4 br. manholes; 32 6x4-in. vit. wyes in portions of Jackson Ave.

BAKERSFIELD, Kern Co., Cal. — Paul E. Kressly, consulting engineer, H. W. Hellman Bldg., Los Angeles, commissioned by Kern county supervisors to prepare plans to pave 20-mi. of highway in the Arvin and Weed Patch districts.

NEVADA—Until April 24, 2 p. m., bids will be rec. by C. H. Sweetser, Dist Eng. U. S. Bureau of Rds., 881 Mills Bldg., San Francisco, Calif., to const. Currant Creek Forest Rd., in Nevada Natl. Forest, Nye and White Pine Counties, Nevada State, 13.6 mi. in length, involv. 718 sta. clearing and grubbing; 76,000 cu. yds. unclass. excav.; 220 cu. yds. cement rubble masonry; 4100 lin. ft corru. metal pipe; 10.1 M. B. M. trestle bridge; 3200 cu. yds. surfacing. Project ends at about 36 miles s. w. of Ely, Nevada. **See call for bids under official proposal section in this issue.**

CARSON CITY, Nevada—Until April 25, 1:30 p. m., bids will be rec. by State Highway Comm., Geo. W. Borden, eng., to const. 20.72 mi. highway in Clark county from Crystal to West Slope of Mormon Mesa, involv. 136,200 cu. yds. unclass. excav.; 10,433 yd. sta. overhaul 20.72 mi. prepare subgrade and shoulders; 28,400 cu. yds. loading and screening gravel; 60,100 yd. mi. hauling gravel; 28,400 cu. yds. spread gravel; 140 cu. yds. A and 510 cu. yds. C conc.; 1250 lin. ft. 15-in., 968 lin. ft. 18-in., 590 lin. ft. 24-in., 246 lin. ft. 30-in., 206 lin. ft. 36-in. corru. metal pipe, complete in place; 2232 lineal feet wooden guard rail; 198 monuments; 3 sign posts.

SANTA MONICA, Cal.—Until 10 a. m., April 12, bids will be rec. by council to const. rein. conc. storm drain in Wilshire Blvd., bet. Ocean Ave. and 3rd St., involv. 1560 ft. 30-in.; 800 ft. 24-in. rein. conc. pipe; 150 ft. 12-in. vit. pipe; 3 conc. catch basins; 2 manholes. 1911 Act. John A. Morton, city engr.

COLUSA, Colusa Co., Cal.—Two petitions have been filed with county supervisors seeking construction of road to Goat Mountain section.

NEVADA—Until April 26, 2 p. m., bids will be rec. by C. H. Sweetser, Dist. Eng. Bureau of Pub. Rds., 881 Mills Bldg., San Francisco, Calif. to const. Austin East National Forest Highway, adjacent to Toiyabe Natl. Forest, Lander County, Nevada state, 16.5 mi. in length involv. 80,000 cu. yds. unclass. excav.; 188 cu. yds. A and 196 cu. yds. C conc.; 3250 lin. ft. corru. met. pipe; 16,000 lbs. rein. steel and 7150 cu. yds. surfacing. Project is located about 12 mi. east of Austin. **See call for bids under official proposal section in this issue.**

CALIPATRIA, Cal.—Until 8 p. m., April 12, bids will be rec. by city trustees to imp. Main St., bet. Industrial Ave. and w. city limits; grade and pave with 6-in. cem. conc.; const. 8-in. corr. galv. iron culverts; 6-in. conc. curbs, 4-ft. walks; also imp. Holabird Ave., bet. Alexandria and Alamo Sts., pave with 6-in. conc.; conc. curbs. 1915 Bond Imp. Act. P. N. Myers, city clerk.

WATSONVILLE, Santa Cruz Co., Cal.—No bids rec. by City Bd. of Aldermen to lay 12-in. c. i. in Ford St., the pipe to be fur. by city. Work ordered done by day labor under supervision of City Eng. H. B. Kitchen.

SANTA ANA, Cal.—B. R. Ford, 407 W 17th St., Santa Ana, awarded cont. by trustees at $6519 to imp. N Parton St., bet. W 1st and W 4th Sts., involv. 30,085 sq. ft. 5-in. conc. at 20.5c ft.; 702.5 ft. curb at 50c ft. Wells & Bressler bid $6593.89.

T. W. Oglesby, Santa Ana, awarded contr. at $32,538 to imp. W 1st St., bet. Baker and Artesia Sts., involv; 128,426 sq. ft. 6-in. conc. paving at 23.7c ft. 1352 ft. curb at 45c ft.; 315 ft. 4-in. hse. sewer at 45c ft. Other bids were: Wells & Bressler, $33,155.74; B. R. Ford, $33,-797.89.

HANFORD, Kings Co., Cal. — Until April 16, 5 p. m., bids will be rec. by D. C. Williams, city clerk, to imp. Ivy St., bet. Park and Redington, Redington & Irwin, Irwin and Douty, Douty to Harris and Harris to Brown Sts.; grade and pave with 4-in. bit. base with 1½-in. Warrenite-Bit. surface; cem. curbs and gutters; corru. iron and conc. culverts, etc. 1915 Bond Act and 1911 Act. Cert check 10% payable to city req. Ben. Duffield, city eng.

BURLINGAME, San Mateo Co., Cal.—Council, J. R. Murphy, clerk, declares intention to const. 6-in. ironstone pipe sewers with 4x6-in. wyes together with lampholes and manholes, in sts. and alleys in the Easton Additions Nos. 6 and 7 and Burlingame Hills Sub-division. 1911 Act. Protests April 16. Carl Torello, city engineer.

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SAN JOSE, Santa Clara Co., Cal.—Until April 16, 8 p. m., bids will be rec. by J. J. Lynch, city clerk, to imp. 16th St., bet. San Antonio and San Salvador: grade with 1½-in. "Durite" asph. conc. surface on 3-in. "Durite" asph. conc. base; conc. curbs, gutters.

Separate bids, same date, to imp. 9th St., bet. William and Martha: grade, pave with 3-in. "Durite" asph. conc. base with 1½-in. "Durite" asph. conc. surface; hyd. conc. curbs, gutters; art. stone walks; br. catchbasins; 8-in. vit. pipe drains. 1911 Act and Bond Act 1915. Cert. check 10% payable to city req. Wm. Popp, city eng.

LOS ANGELES, Cal.—City Council plans const. of sewer line in Hollywood to serve various motion picture studios. Est. cost, $20,000 for which $4600 will be expended for pipe.

SANTA ANA, Cal.—City votes bonds of $150,000 for water system extensions.

BERKELEY, Alameda Co., Cal. — Hutchinson Co., 1706 Broadway, Oakland, awarded cont. by council to set back curb 13 ft. in. n. side Center St. from Shattuck Ave. to Grove St.; const. armored conc. curbs and gutters and pave space with asph.; surface pavement of north 10-ft. to be heated and raised to conform to new pavement; const. conc. catchbasins with 12-in. culvert connections.

LOS ANGELES, Cal.—C. E. Green, 230 Grosse Bldg., Los Angeles, awarded contr. by Rd. Pub. Wks. at $84,000 for const. Sec. 5 of the temporary outfall sewer bet. Higuera St. and Overland Ave., using brick, conc. sewer.

COMPTON, Cal.—City trustees will call election to vote bonds of $122,000 to finance sewer and water works extensions; construction of city hall and library.

SAN FRANCISCO—Until April 18, 3 p. m., bids will be rec. by Bd. Pub. Wks. to construct Telegraph Hill Blvd., est. cost $30,000. Projects involves construction of concrete retaining walls, step suport walls, stairways, landings, walks, copings, etc.; 19,960 cu. yds. cut; 2 special conc. inlets with rein. conc. gratings; 2 storm water inlets with c. i. frames and gratings; 1 br. manhole with c. i. frames and cover and galv. wrought iron steps; 280 lin. ft. 10-in. vit. pipe culvert; 1620 lin. ft. guard. Spec. obtainable from city eng. office 3rd floor, city hall.

GLENDALE, Cal. — Bates and Borland, Inc., Bank of Savings Bldg., Oakland, have contr. for development work at Bellehurst Parg, Glendale, for the Walter H. Leimert Co. The work involves about 3 mi. oiled macad. paving, curbs and walks. The roads will vary from 40 to 70 ft. in width. The tract comprises about 200 acres and the cost of the street work will run about $6.50 per lin. ft. Water system, gas and electricity will be put in later. The water system will probably be installed in conjunction with the city of Glendale, according to arrangements which the agents are trying to complete at the present time. Engineering work is being done by Edw. M. Lynch, consul. engr., Central Bldg., Los Angeles.

PASADENA, Cal.—Until April 18, 3 p. m., bids will be rec. by Bd. Pub. Wks. for following street improvements:

Crossing of Turk and Willard Sts., and Turk St., bet. Willard and Arguello Blvd., invlov. 75 lin. ft. granite curb; 122 lin. ft. conc. curb; 5106 sq. ft. art. stone walks; 34 lin. ft. 18-in. and 34 lin. ft. 15-in. pipe sewer; 76 lin. ft. 10-in. pipe culvert; 2 br. catchbasins and 7848 sq. ft. asph. conc. pavement.

Broad St., bet. Capitol and Orizaba, involv. 3849 cu. yds. fill; 1987 lin. ft. conc. curb; 330 sq. ft. art. stone walks; 2 br. catchbasins; 70 lin. ft. 10-in. pipe culvert; 50,547 sq. ft. asph. conc. pavement.

Peabody St., bet. Leland and Visitacion, involv. 300 lin ft. 8-in. vit. pipe sewer; 18 8-in. wye branches; 72 lin. ft. 6-in. side sewers and 1 br. manhole.

Ralston Ave., bet. Holloway and Garfield, involv. 1330 lin. ft. conc. curb; 6000 sq. ft. conc. pavement and 13,950 sq. tt asph. conc. pavement.

Spec. obtainable from office of City Eng M. M. O'Shaughnessy, 3rd floor city hall.

SAN DIEGO, Cal.—Contracts awarded by Council for imp. streets as follows:

Griffith Co., 25 14th St., at $33,307 for paving A St., bet. Fourth and Ketner Sts.

California Constr. Co., Union Bldg., at $28,216 for paving A St., bet. 24th and 25th Sts., and a portion of C St.

G. R. Daley, 4430 Boundary St., at $9785 for paving Pennsyuvania Ave. and an adjacent alley.

H. H. Petreson, Loma Portal, at $3867, for paving Madison Ave.

SAN JOSE, Santa Clara Co., Cal. — City council, J. J. Lynch, declares intention to imp. 5th St., bet. Reed and Virginia: grade; pave with 1½-in. "Durite" asph. conc. surface on 3-in. "Durite" asph. conc. base; conc. curbs, gutters, walks; 6 br. catchbasins; 8-in. vit pipe drains. 1911 Act & Bond Act 1915. Protests April 23. Wm. Popp, city eng.

SACRAMENTO, Cal.—State Treasurer will receive bids until May 31 for the purchase of a $5,000,000 block, 4¼% state highway bonds.

LOS ANGELES, Cal.—H. H. Peterson, Loma Portal, submitted low bid to supervisors at $60,700 to imp. Ocean Ave. bet. e. city limits of Long Beach, east to Ave. 19, 5785 ft. or 1.1 mi., involv. 10,235 cu. yds. excav.; 17,953 ft. curb; 27,774 sq. ft. walk; 180,526 sq. ft. 5-in. conc. pavement; conc. culvert and catch basin at Sta. 12 plus 00; conc. culvert and catch basin at Sta. 54 plus 33; conc. culvert at Sta. 29 plus 14. Other bids were: Hill Constr. Co., $62,700; Jahn & Bressi, $65,900; W. D. McCray, $66,400; J. G. Beckjord, $69,000; Independent Paving Co., $70,162.99. Bids were referred to the road comm.

OROVILLE, Butte Co., Cal.—No bids rec. by supervisors to grade and pave Centerville rd. Work authorized by day labor under supervision of county rd. eng. H. H. Hume.

FRESNO, Fresno Co., Cal—City council, R. Y. St. George, clerk, declares intention to imp. alley in Block 135, bet. Kern and Tulare Sts.: grade, pave with conc., 6-in. thick, 19-ft. wide. 1911 Act. Protests April 19. Wm. Stranahan, city engineer.

FRESNO, Freano Co., Cal.—Council, R. Y. St. George, clerk, declares intention to const. lateral and main sewers in portions of Dean Addition, Dean Park and Homewood; to be 6-in., 8 and 12-in. vit. clay pipe includ. const. of 26 sand cem. conc. manholea with c. i covers; 4-in. on 6-in. and 6-in. on 8-in. wyes, etc. 1911 Act. Protests April 19. Wm. Stranahan, city eng.

OROVILLE, Butte Co., Cal. — City trustees petition to call election to vote bonds to finance sewer extensions in Highland Park. Taken under advisement. S. J. Norris, city eng.

SAN JOSE, Santa Clara Co., Cal. — Council, J. J. Lynch, clerk, declares intention to imp. Sherman St., bet. Willow and Humboldt: grade; pave with 1½-in. Warrenite-Bit. surface on 3-in. bit. conc base; conc. curbs, gutters; 1 br. catch basin; 8-in. vit. pipe drains. 1911 Act & Bond Act 1915. Protests April 23. Wm. Popp, city eng.

LOS ANGELES, Cal.—Supervisors declare inten. to imp. Hersom Ave., bet. Willowbrook and Compton Aves., and portions of Willowbrook and Compton Aves.; 2803.31 lin. ft. or .53 mi. under county imp. No. 24. Work will involve 756 cu. yds. excav.; 4005 ft. conc. curb; 16,048 sq. ft. conc. walk. Est. contract price, $6782.90.

MARTINEZ, Contra Costa Co., Cal.—P. H. Hoare, Hayward, at $3050 awarded cont. by supervisors to grade and gravel Ygnacia valley rd. from Bancroft place to Walnut creek. Mrs. E. E. O'Brien bid $4250.

REDDING, Shasta Co., Cal. — City council and Shasta County supervisors plans paving of streets around courthouse square; est. cost $10,000.

REDWOOD CITY, San Mateo Co., Cal.—T. E. Clinch, 668 9th St., Richmond, at $2893 awarded cont. by supervisors to const. 8-in. outfall sewer at county hospital.

SAN FRANCISCO — Pacific States Construction Co., Call Bldg., at $38,476.60 submitted low bid to Bd. Pub. Wks. to imp. 27th, 28th and 29th Ave., bet. Ulloa and Vicente Sts., involv. 6101 cu. yds. cut; 1706 cu. yds. fill; 570 lin. ft. 8-in vit. pipe sewer; 40 wye branches for 8-in. sewer; 1 br. manhole; 4800 lin. ft. conc. curb; 10,000 sq. ft. conc. pavement 86,000 sq. ft. asph. conc. pavement Other bids: Fay Imp. Co., $40,190.67; Raisch Imp. Co., $39,255.95; City Const. Co., $38,476.60.

Raisch Imp. Co., 46 Kearny St., low bidder at $10,756.94, to imp. 48th Ave., bet. K and L Sts., involv. 1294 lin. ft. conc. curb; 660 sq. ft. art. stone walks; 2400 sq. ft. conc. gutter; 3 br. catchbasins; 65 lin. ft. 10-in. Ironatone pipe culvert; 26,493 sq. ft. asph. conc. pavement. Other bids: Fay Imp. Co., $11,189.03; City Const. Co., $11,565.37; C. B Eaton, $11,244.58; Municipal Const. Co., $10,858.90.

Manuel Smith, Oakland, low bidder at $1,318.75, to sewer Goettingen St., bet. Woolsey and Dwight Sts., involv 400 lin. ft. 12-in. vit. pipe sewer; 25 12-in. wye branches; 2 br. manholes. Other bids were: Jas. T. Tobin, $1430; M. J Treacy, $1725; Municipal Const. Company, $1430.

A. Bertolino low bidder at $12,168, to const. approx. 67,600 sq. ft. art. stone wlaks in portions of Anza, Balboa, Cabrillo, Fulton, 15th Ave., etc. etc. Other bids were: M. W. McCarthy, $13,182; Jas. T. Tobin, $15,886; Municipal Const. Co., $12,438.40.

BURLINGAME, San Mateo Co., Cal.—City Eng. Carl Torello has completed spec. for sewers in North Burlingame sub-divisions. Est. cost $5245. Work under assessment plan.

Contractors Machine Works

We Specialize in rebuilding and repairing contractors' equipment.

We build rock bunkers, elevators and conveyors, portable pumping plants, hoist and rock crushers.

Let us give you an estimate on your work.

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38 Stanford San Francisco. Phone Kearny 1885

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

$1,000 and Over Reported

The following is an index for the contracts for this issue.

No	Owner	Contractor	Amt.
1212	Hoffman	Owner	15000
1213	Mensor	Owner	15000
1214	Parkside	Owner	5000
1215	Fiegenbaum	Phoenix	3000
1216	Weissbein	Owner	1000
1217	Pacific	Dinwiddie	6000
1218	Ghiotto	Owner	2800
1219	Latey	Glotfelter	8000
1220	James	Ennie	4500
1221	Rossini	Owner	3800
1222	Doud	Beyer	1000
1223	6th Church	Ralston	5429
1224	Same	Sartorio	7388
1225	Mills	Foundation	23194
1226	Jungblut	Peterson	13850
1227	Austin	Backman	4700
1228	Muller	Weinman	1000
1229	Gray	Meyer	9000
1230	Thompson	Meyer	13500
1231	Moeller	Meyer	4500
1232	Janssen	Owner	6900
1233	Same	Same	6900
1234	Same	Same	3900
1235	Same	Same	26000
1236	Sala	Mitchell	12000
1237	Erickson	Owner	5000
1238	Carmody	Owner	3000
1239	Sala	Mitchell	20000
1240	Shell	Owner	1400
1241	Barner	Owner	4500
1242	Davison	Owner	1000
1243	Janssen	Owner	3500
1244	Same	Same	15600
1245	Matraia	Hillard	1353
1246	Same	Mallott	2480
1247	Same	Morrison	2662
1248	Same	United	1606
1249	Same	Fuller	1425
1250	Same	Inlaid	3500
1251	Same	Collonan	1976
1252	Same	Sugarman	10347
1253	Same	Phillips	2740
1254	Wolter	Vannucci	1661
1255	Rush	Oyen	10640
1256	Tofanelli	De Martini	7400
1257	P G & E Co	Owner	17900
1258	Same	Same	11500
1259	Million	Laibacher	2000
1260	Paynter	Coburn	1364
1261	Sockolov	Owner	3500
1262	Tiscornia	Owner	3000
1263	Hamill	Owner	10000
1264	Mercantile	Crowe	1886
1265	Same	Percy	195
1266	Same	Noonan	638
1267	Same	Gilmour	2532
1268	Repetto	Montani	11300
1269	Klench	Mission	29427
1270	Gunn	Owner	10000
1271	Cohn	Storheim	6000
1272	Schnider	Sass	1250
1273	Tyson	Isaacson	8700
1274	Mercantile	Federal	3500
1275	Carter	Owner	4500
1276	Osborne	Jones	6000
1277	McKenzie	Trout	50000
1278	Linn	Owner	1500
1279	Cook	Owner	1500
1280	Fahy	Novello	5000
1281	Lundy	Owner	7000
1282	Morris	Owner	4000
1283	Morris	Owner	24000
1284	Misteie	Eads	3100
1285	Moneta	Arnott	39000
1286	Schlundt	McIntosh	10200
1287	Baumgarten	Munster	20000
1288	Ferraris	Morton	24404
1289	Federal	Quandt	26676
1290	Same	Kellogg	40141
1291	Curtin	McCarthy	27885
1292	[illegible]	Stone	11600
1293	Warwick	Owner	22000
1294	Urban	Leonard	15000
1295	Acme	Monson	100000
1296	Gustafson	Mullen	1500
1297	Feht	Crothers	4445
1298	Horstmeyer	Horstmeyer	4000
1299	Oden	Strand	6000
1300	Marc	Cuneo	5200
1301	De Mattei	Owner	4000
1302	Hill	Owner	6000
1303	Lombardi	Owner	2000
1304	Levy	Christiansen	7000
1305	Boquist	Owner	1000
1306	Kinney	Lynch	1000
1307	Boggs	Owner	80000
1308	Hale	MacDonald	40000
1309	McKenzie	McKenzie	1000
1310	Wagenknecht	Owner	7800
1311	Collins	Stone	9000
1312	Petersen	Linberg	5800
1313	Rolkin	Anderson	6000
1314	West	Owner	4600
1315	Alexander	Sandow	4000
1316	Mionea	Weber	10000
1317	Samuels	Owner	3000
1318	Kidwell	Jensen	2800
1319	Bernstein	Novelty	1000
1320	Greenback	Owner	60000
1321	Janssen	Owner	10500
1322	Nelson	Owner	19000
1323	Kohler	Owner	1000
1324	Fitzhugh	Butte	21840
1325	Same	California	48122
1326	Sullivan	Roberts	8138
1327	Levy	Christiansen	12000

APARTMENTS
(1212) E MASONIC AVE 25 N Grove. Three-story and basement frame (12) apartments.
Owner—W. S. Hoffman, 251 Kearny St., San Francisco.
Architect—H. C. Baumann and Edw. Jose, 251 Kearny St., S. F. $15,000

APARTMENTS
(1213) W VAN NESS AVE 100 N Francisco. Three-story and basementa frame (12) apartments.
Owner—Geo. W. Mensor, 1315 Jackson St., San Francisco.
Architect—None. $15,000

DWELLING
(1214) NE TWENTY-SECOND AVE & Ulloa. One-story and basement frame dwelling.
Owner — Parkside Realty Co., 617 Crocker Bldg., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. $5000

ALTERATIONS
(1215) NE BUSH AND KEARNY. Remove and replace sidewalk lights.
Owner—L. B. Feigenbaum, Monadnock Bldg., San Francisco.
Architect—None.
Contractor—Phoenix Sidewalk Light Co. Monadnock Bldg. San Francisco. $3000

GARAGE
(1216) N FULTON 45 W Twenty-ninth Ave. Cement floor for basement garage.
Owner—Jacob Weissbein 582 Market St., San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco. $1000

TANK HOUSE, ETC.
(1217) NO. 731 SANSOME. Construct tank gallery and tank house.
Owner—Pacific Coast Syrup Co., 731 Sansome St., San Francisco.
Engineers—Edw. L. Soule and A. C. Wilson, Rialto Bldg., S. F.
Contractor — Dinwiddie Constr. Co., Crocker Bldg., S. F. $6000

DWELLING
(1218) E MIZPAH 171 W Chenery. One-story and basement frame dwelling.
Owner—Bert Ghiotto, 231 Delano Ave., San Francisco.
Architect—None. $2800

DWELLING
(1219) W CHURCH 35 S Duncan. Two story and basement frame dwlg.
Owner—G. Latey, 1321 Sacramento St., San Francisco.
Architect—None.
Contractor—J. Glotfelter, St. Gabriel Apts., Pine St., S. F. $8000

DWELLING
(1220) N WALLER bet. Stanyan and Shrader. One-story and basement frame dwelling.
Owner—Wm. James, 1728 Waller St., San Francisco.
Architect—E. J. Osborne, Balboa Bldg., San Francisco.
Contractor—F. Ennis Jr., 620 Post St., San Francisco. $4500

DWELLING
(1221) E REDDY 250 N Williams. Two-story and basement frame dwelling.
Owner—M. Rossini, 38 Reddy St., San Francisco.
Architect—None. $3800

ALTERATIONS
(1222) NO. 501 McALLISTER. Remodel interior of store.
Owner—C. J. Doud, 510 McAllister St., San Francisco.
Architect—None.
Contractor—Louis Beyer, 844 Baker St., San Francisco. $1000

BRICK BLDG.
(1223) SE DIVISADERO & CLAY — 106-3 S 127-8¼ W 25 N 25 W 81-3 N 102-8¼ W A 462. All work for one-story mezzanine and basement brick building.
Owner—6th Church of Christ Scientist, SE Clay and Divisadero St., S. F.
Architect—W. H. Crim Jr., 425 Kearny St., San Francisco.
Contractor—Ralston Iron Works, 20th and Indiana Sts., San Francisco.
Filed Mar. 29, '23. Dated Mar. 9, '23.
All work delivered on premises $2035.50
Completed and accepted..... 2035.50
Usual 35 days..... 1358.00
TOTAL COST, $5429.00
Bond, $2715. Surety, United States Fidtlity & Guaranty Co. Limit, 20 days. Forfeit, $30. Plans and specifications filed.

(1224) CONCRETE AND REINFORCed concrete work up to 1st floor level on above.
Contractor—Chas. Sartorio, 180 Jessie St., San Francisco.
Filed Mar. 29, '23. Dated Mar. 8, '23.
Completed and accepted.....$5541
Usual 35 days..... 1847
TOTAL COST, $7388
Bond, $3694. Sureties, C. Bruschera and Stephen I. Guerin. Limit, 30 days after notified, Forfeit, none. Plans and specifications filed.

STRUCTURAL STEEL WORK
(1225) S McALLISTER 137-6 W Octavia W 137-6xS 120 W A 206. Structural ateel and cast iron for building.
Owner—Ogden Mills, Mills Bldg., S. F.
Architect—John Reid Jr., 1st National Bank Bldg., San Francisco.
Contractor—The Foundation Co., 58 Sutter St., San Francisco.
Filed Mar. 29, '23. Dated Mar. 26, '23.
On 1st of each month..... 90%
On completion.....Balance
TOTAL COST, $23,194
For cast iron and structural ateel and also in addition the cost of nonfabricated structural steel.
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

RESIDENCE
(1226) NW FOURTEENTH AVE AND Cabrillo 25x102-6 on Cabrillo. All work for two-story and basement residence.
Owner—Otto A. Jungblut, 833 Fillmore St., San Francisco.
Architect—Gustave Stahlberg, Flatiron Bldg., San Francisco.
Contractor—A. Peterson & A. Magnuson.
Filed Mar. 29, '23. Dated Mar. 28, '23.
Roof boards on and exterior mill work delivered $3462.50
Brown coated and exterior mill work set 3462.50

Completed and accepted..... 3462.50
Usual 35 days..... 3462.50
TOTAL COST, $13,850
Bond, $6925. Sureties, Chas. Monson & Albin Warden. Limit, 90 days. Forfeit, $20. Plans and specifications filed.

DWELLING
(1227) E FOERSTER 75 N Staples Av N 25xE 100 Lot 6 Blk 18, Sunnyside. All work for six-room dwelling with basement.
Owner—Henry W. Austin, % McCarthy Co.
Architect—Johan W. and Ernest B. Backman, 537 Chenery St., S. F.
Contractor—Johan W. & Ernest B. Backman, 537 Chenery St., S. F.
Filed Mar. 29, '23. Dated Feb. 27, '23.
Frame up 25%
Brown coated 25%
Completed and accepted..... 25%
Usual 35 days 25%
TOTAL COST, $4700
Bond, none. Limit, 90 days. Forfeit, $1. Plans and specifications filed.

FLATS
(1228) S NINETEENTH 83 E Castro S 135x127. Painting, tinting and papering two-story and basement flat building.
Owner—Louis Muller, 619 Castro St., San Francisco.
Architect—John F. Beuttler, 110 Sutter St., San Francisco.
Contractor—Chas. Weinman, 134 Battery St., San Francisco.
Filed Mar. 29, '23. Dated Mar. 27, '23.
2nd coat plaster on.....$375
Completed and accepted..... 375
Usual 35 days..... 250
TOTAL COST, $1000
Bond, none. Limit, as fast as possible Forfeit, none. Plans and specifications filed

COTTAGES
(1229) E FORTY-FIFTH AVE 105 S Anza. All work for two six-room cottages.
Owner—John Gray, 2221 Clement St., San Francisco.
Architect—None.
Contractor—Meyer Bros., 5324 Geary St., San Francisco.
Filed Mar. 29, '23. Dated Mar. 16, '23.
Frame up $2250
Brown coated 2250
Completed 2250
Usual 35 days..... 2250
TOTAL COST $9000
Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

COTTAGES
(1230) SE FORTY-FIFTH AVE AND Anza. All work for three six-room cottages.
Owner—C. P. Thompson, 410 24th Ave., San Francisco.
Architect—None.
Contractor—Meyer Bros., 5326 Geary St., San Francisco.
Filed Mar. 29, '23. Dated Mar. 16, '23.
Frames up $3375
Brown coated 3375
Completed 3375
Usual 35 days..... 3375
TOTAL COST, $4500 each
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

COTTAGE
(1231) E FORTY-FIFTH AVE 80 S Anza. All work for one six-room cottage.
Owner—Gustave Moeller, 2221 Clement St., San Francisco.
Architect—None.
Contractor — Meyer Bros., 5326 Geary St., San Francisco.
Filed Mar. 29, '23. Dated Mar. 16, '23.
Frame up $1125
Brown coated 1125
Completed and accepted..... 1125
Usual 35 days..... 1125
TOTAL COST, $1500
Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

DWELLING
(1232) E NINETEENTH AVE 250 S Clement. Two-story and basement frame dwelling.
Owner—E. A. Janssen, 402 Hearst Bldg., San Francisco.
Architect—None. $6900

FRAME FLATS
(1233) E NINETEENTH AVE 225 S Clement. Two-story and basement frame (2) flats.
Owner—E. A. Janssen, 402 Hearst Bldg San Francisco.
Architect—None. $6900

DWELLING
(1234) W TWENTY-THIRD AVE 150 S Anza. One-story and basement frame dwelling.
Owner—E. A. Janssen, 402 Hearst Bldg San Francisco.
Architect—None. $3900

FRAME FLATS
(1235) W FOURTH AVE 225 N Anza
E SECOND AVE 150 N Cabrillo.
E TWENTY-SEVENTH AVE 125 S Clement.
W FOURTH AVE 300 S Lake. Four two-story and basement frame flat buildings (2 flats each).
Owner—E. A. Janssen, 402 Hearst Bldg., San Francisco.
Architect—None. $6500 each

DWELLINGS
(1236) E YORK 145, 170 and 195 N Twenty-third. Thre two-story & basement frame dwellings.
Owner—Sala & Sala, 16th and Valencia Sts., San Francisco.
Architect—None.
Contractor—Thos. F. Mitchell & Son, 1370 Utah St., S. F. $4000 each

DWELLINGS
(1237) NE RANDALL 87 and 112 W Sanchez. Two one-story and basement frame dwellings.
Owner—Henry Erickson, 1825 Church St., San Francisco.
Plans by Owner. $2500 each

DWELLING
(1238) N LOWELL 31-6 NW Hanover. One-story and basement frame dwelling.
Owner—Frank Carmody, 4539 Mission St., San Francisco.
Architect—None. $3000

DWELLINGS
(1239) E YORK 186-3¼, 211-3¼, 236-3¼, 261-3¼ and 286-3¼ N Army. Five one-story and basement frame dwellings.
Owner—A. G. Sala, 16th and Valencia Sts., San Francisco.
Architect—None.
Contractor—Thos. F. Mitchell & Son, 1370 Utah St., S. F. $4000 each

STATION
(1240) NW FILBERT AND VAN NESS Ave. One-story steel gasoline service station.
Owner — Shell Co. of California, 343 Sansome Sts., San Francisco.
Plans by Owner. $1400

ALTERATIONS
(1241) NW FILBERT AND LAGUNA. Remodel 2nd floor of flats for (2) 4-room apartments; erect stairs and alter first floor for (2) stores.
Owner—H. S. Barner.
Architect—E. A. Nuemarkel, 544 Market St., San Francisco. $4500

ADDITION
(1242) NO. 627 BRANNAN. Addition for sheet metal and plumbing shop
Owner—Frank Davison, 739 Brannan St., San Francisco.
Architect—None. $1000

DWELLING
(1243) E THIRTY-EIGHTH AVE 185 N Cabrilio. Oue-story and basement frame dwelling.
Owner—E. A. Janssen, 402 Hearst Bldg San Francisco.
Architect—None. $3500

DWELLINGS
(1244) E TWENTY-SIXTH AVE 355 N California.
E FORTY-FIRST AVE 25, 50 and 75 S Geary. Four one-story and basement frame dwellings.
Owner—E. A. Janssen, 402 Hearst Bldg San Francisco.
Architect—None. $3900 each

(1245) S MIRANDA GRANT AND W Lyon W 92.07 N 277.87 E 57-9 S 279.84. Ornamental iron work for six frame buildings (flats and residence).
Owner—Carlo Matraia, Call Bldg., San Francisco.
Architect — August G. Headman, Call Bldg., San Francisco.
Contractor—C. J. Hillard Co., Inc., 19th and Minnesota Sts., S. F.
Filed Mar. 29, '23. Dated Mar 26, '23.
Ornamental iron work in.....$507
Completed and accepted..... 507
Usual 35 days..... 339
TOTAL COST, $1353
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(1246) TILE WORK ON ABOVE.
Contractor — Malott & Peterson, 2412 Harrison St., San Francisco.
Filed Mar. 29, '23. Dated Mar 26, '23.
Completed and accepted.....$1806
Usual 35 days..... 602
TOTAL COST, $2408
Bond, $1204. Sureties, Arthur Elvin & Thos. H. Price. Limit, without delay Forfeit, none. Plans and specifications filed.

(1247) ARCOLA HOT WATER HEATing system on above.
Contractor—Morrison & Conow.
Filed Mar. 29, '23. Dated Mar 26, '23.
Heating roughed in 4 houses...$998
Completed and accepted.....$998
Usual 35 days..... 666
TOTAL COST, $2662
Bond, $1331. Surety, Continental Casualty Co. Limit, 60 days. Forfeit, $20. Plans and specifications filed.

(1248) TERRA COTTA TILE ON above.
Contractor—United Materials Co., Sharon Bldg., San Francisco.
Filed Mar. 29, '23. Dated Mar 26, '23.
Terra cotta roofing tile on 3 houses $602.25
Completed and accepted..... 602.25
Usual 35 days..... 402.00
TOTAL COST, $1606.50
Bond, none. Limit, 45 days. Forfeit, $20. Plans and specifications filed.

(1249) GLASS WORK ON ABOVE.
Contractor—W. P. Fuller & Co., Beale and Mission Sts., S. F.
Filed Mar. 29, '23. Dated Mar 26, '23.
All glass installed.....$1068
Usual 35 days..... 357
TOTAL COST, $1425
Bond, none. Limit, 30 days. Forfeit, $20. Plans and specifications filed.

(1250) HARDWOOD FLOORS ON above.
Contractor—Inlaid Floor Co., 600 Alabama St., Sa Francisco.
Filed Mar. 29, '23. Dated Mar. 24, '23.
On 6th and 26th of each month 75%
TOTAL COST, $3500
Bond, $1750. Sureties, Walter E. Walker and Rudolph Ensign. Limit, 30 days Forfeit, $20. Plans and specifications filed.

(1251) ELECTRICAL WORK ON above.
Contractor—Collonan Elec. & Mfg. Co., 3211 Mission St., S. F.
Filed Mar. 29, '23. Dated Mar 26, '23.
Electrical work roughed in.....$741
Completed and accepted..... 741
Usual 35 days..... 494
TOTAL COST, $1976
Bond, $988. Sureties, Arthur Elvin & Thos. P. Mulcahy. Limit, 75 days. Forfeit, $20. Plans and specifications filed.

(1252) PLUMBING ON ABOVE.
Contractor—E. Sugarman, 4415 California St., San Francisco.
Filed Mar. 29, '23. Dated Mar 26, '23.
Roughed in on houses 1 and 2..$1636
Completed on houses 1 and 2... 950
Usual 35 days..... 883
Roughed in on houses 3 and 4... 1636
Completed on houses 3 and 4... 950
Usual 35 days..... 863
Roughed in on houses 5 and 6... 1636
Completed on houses 5 and 6... 950
Usual 35 days..... 863
TOTAL COST, $10,347
Bond, $5200. Sureties, B. W. Sheldon and W. Euphart. Limit, 120 days. Forfeit, $20. Plans and specifications filed.

(1253) STAIR WORK ON ABOVE.
Contractor — Frank M. Phillips, 718 Bryant St., San Francisco.
Filed Mar. 29, '23. Dated Mar 26, '23.
Stairs roughed in.....$1027
Completed and accepted..... 1028
Usual 35 days..... 685
TOTAL COST, $2740
Bond, none Limit, without delay. Forfeit, none. Plans and specifications filed.

WAREHOUSE
(1254) TWENTIETH AND ALABAMA All work for reinforced concrete warehouse.

Owner — H. M. Wolter, 2398 Howard St., San Francisco.
Architect—Frederick W. Quandt, 414 Humboldt Bank Bldg., S. F.
Contractor—L. Vannucci, 16th and Church Sts., San Francisco.
Filed Mar. 30, '23. Dated Mar. 24, '23.
On 10th and 25th of each month 75%
Usual 35 days..... 25%
TOTAL COST, $11,661
Bond $5830.50 Surety, Indemnity Ins. Co. of North America. Limit, 50 days. Forfeit $10. Plans and specifications filed.

FRAME BLDG.
(1255) S CUMBERLAND 180 W Guerrero. Grading, concrete, brick, pat. chimneys, carpenter mill rough hardware, glass, roof, plastering, electric wiring for two-story frame building.
Owner—Thomas F. Rush, 858 Church St., San Francisco.
Architect—W. H. Armitage, Call Bldg., San Francisco.
Contractor—O. M. Oyen, 67 Church St., San Francisco.
Filed Mar. 30, '23. Dated Mar. 27, '23.
Rough frame up.....$2660
Roof on and brown coated..... 2660
Completed and accepted..... 2660
Usual 35 days..... 2660
TOTAL COST, $10,640
Bond, $5320. Sureties, Oscar Hauge & O. Krona. Limit, 95 days. Forfeit, $10. Plans and specifications filed.

DWELLING
(1256) E FRANKLIN 167-6 N Green N 31-6xE 118-1 1/5. All work except shades and lighting fixtures for one-story and basement frame dwelling.
Owner—Peter Tofanelli, 1122 Polk St., San Francisco.
Architect—P. De Martini, 946 Broadway San Francisco.
Contractor—Paul De Martini, 2869 Octavia St., San Francisco.
Filed Mar. 30, '23. Dated Mar. ——.
Frame up.....$1850
Brown coated..... 1850
Completed and accepted..... 1850
Usual 35 days..... 1850
TOTAL COST, $7400
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

RESIDENCE
NW CABRILLO AND FOURTEENTH Ave. Two-story and basement frame residence.
Owner—O. A. Jungblot, 833 Fillmore St., San Francisco.
Architect—Gustave Stahlberg, 544 Market St., San Francisco.
Contractor—Magnuson & Peterson, 662 Clayton St., San Francisco. $8000

EXTENSION
(1257) NW TWENTY-FOURTH AVE. and Balboa. Construct extension to sub-station
Owner—Pacific Gas & Electric Co., 445 Sutter St., San Francisco.
Architect—None. $17,900

EXTENSION
(1258) SE NINETEENTH AND LEXington. Construct extension to sub-station.
Owner—Pacific Gas & Electric Co., 445 Sutter St., San Francisco.
Architect—None. $11,500

DWELLING
(1259) E TENTH AVE 250 N Pacheco. One-story and basement frame dwelling.
Owner—Maud Million, 1930 11th Ave., San Francisco.
Architect—None.
Contractor—Jack Lalbacher, 140 Swiss Ave., San Francisco. $2000

DWELLING
(1260) NO. 660 WALLER. Tar and gravel roof; plastering; repair plumbing for dwelling.
Owner—Mrs. Paynter, 660 Waller St., San Francisco.
Architect—None.
Contractor—Chas. Coburn, 180 Jessie St., San Francisco. $1364

DWELLING
(1261) S JACKSON 80 E Webster. One-story and basement frame dwelling.
Owner—J. Sockolov, 2558 Clay St., San Francisco.
Architect—None. $3500

DWELLING
(1262) W FORTIETH AVE 175 S Cabrillo. One-story and basement frame dwelling.
Owner — D. Tiscornia, 75 Meda Ave., San Francisco.
Architect—None. $3000

FRAME FLATS
(1263) NE ANZA AND TWENTY-eighth Ave. Two-story and basement frame (4) flats.
Owner—Thos. Hamill, 6140 Geary St., San Francisco.
Architect—None. $10,000

GLASS, ETC.
(1264) SW BAUER AND MISSION S 31° 53' W 10.644 S 83° 14' W 88.98 N 6° 46' W 44.94 N 31° 53' E 31.12 S 58° 7' E 97.56 Lot 1 Wm. A. Lange's Sub Blk 1, Academy Tract. Glass and glazing for building.
Owner—Mercantile Trust Co., 464 California St., San Francisco.
Architect — G. Albert Lansburgh, 140 Montgomery St., San Francisco.
Contractor—Crowe Glass Co., 1055 Post St., San Francisco.
Filed Mar. 31, '23. Dated Mar. 27, '23.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, $1886
Bond, limit, forfeit, none. Plans and specifications filed.

(1265) SHEET METAL WORK, ETC., on above.
Contractor—Percy Sheet Metal Works, 340 Guerrero St., San Francisco.
Filed Mar. 31, '23. Dated Mar. 27, '23.
Payments same as above.....
TOTAL COST, $195
Bond, limit, forfeit, none. Plans and specifications filed.

(1266) PLUMBING ON ABOVE.
Contractor—J. J. Noonan, 2881 Mission St., San Francisco.
Filed Mar. 31, '23. Dated Mar. 27, '23.
Payments same as above.....
TOTAL COST, $638.50
Bond, limit, forfeit, none. Plans and specifications filed.

(1267) WOOD AND METAL FURRING lath and plaster on above.
Contractor—William G. Gilmour, 180 Jessie St., San Francisco.
Filed Mar. 31, '23. Dated Mar. 27, '23.
Payments same as above.....
TOTAL COST, $2532
Bond, limit, forfeit, none. Plans and specifications filed.

FRAME BLDG.
(1268) S LOMBARD 106-4 W Laguna W 25xS 137-6. All work for two-storly and basement frame building.
Owner—Luigi Repetto, 1807 Lombard St., San Francisco.
Architect—L. Traverso, 854 Union St., San Francisco.
Contractor — Serafino Montani, 1753 Greenwich St., San Francisco.
Filed Mar. 31, '23. Dated Mar. 26, '23.
Enclosed and roof on.....$2825
Brown coated..... 2825
Completed and accepted..... 2825
Usual 35 days..... 2825
TOTAL COST, $11,300
Bond, $5650. Sureties, F. Borcetti and A. Navi. Limit, 90 days after April 2, 1923. Forfeit, none. Plans and specifications filed.

LOFT BLDG.
(1269) S MINNA 76 W Fourth S 75x W 50. All work except levator for three-story and basement Class B reinforced concrete loft building.
Owner—F. J. Klenck.
Architect—H. C. Baumann, 261 Kearny St., San Francisco.
Contractor—Mission Concrete Co., Call Bldg., San Francisco.
Filed Mar. 31, '23. Dated Mar. 27, '23.
2nd floor poured.....$7071
3rd floor poured..... 5000
Roof poured..... 5000
On completion..... 5000
Usual 35 days..... 7356
TOTAL COST, $29,427
Bond, $14,713.50. Sureties, Jno. Cassaretto and E. T. Peterson. Limit, 60 days. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(1270) E DIVISADERO 90 N Green. Alter two-story and attic residence for two flats; hot air heating, etc.
Owner—Mrs. Emma C. Gunn, 68 Post St., San Francisco.
Architect—Albert Parr and J. F. Ward Associate, 68 Post St., San Francisco. $10,000

FRAME FLATS
(1271) W ARGUELLO BLVD. 175 N California. Two-story and basement frame (2) flats.
Owner—A. E. Cohn.
Architect—C. O. Clausen, Hearst Bldg., San Francisco.
Contractor—M. P. Storheim, 201 Caselli Ave., San Francisco. $6000

ALTERATIONS
(1272) NO. 377 GEARY. Alter store front; erect 2 balconies; re-arrange store fixtures.
Owner—Schnider Bros., 140 Geary St., San Francisco.
Architect—None.
Contractor—Sass & Son, 134 St. Anne St., San Francisco. $1250

FRAME FLATS
(1273) E SAN JOSE AVE 532 N 29th. Two-story and basement frame (2) flats.
Owner—G. Tyson, 561 Chenery St., San Francisco.
Architect—None.
Contractor—F. Isaacson, 537 Forester St., San Francisco. $8700

ELECTRIC SIGNS
(1274) NO. 1501 HAIGHT ST.
NO. 465 POWELL ST.
NO. 449 HAIGHT ST.
NO. 3900 TWENTY-FOURTH ST.
NO. 3300 MISSION ST.
NO. 600 IRVING ST.
NO. 571 BROADWAY
NO. 1700 DIVISADERO ST.
NO. 3301 SACRAMENTO ST.
NO. 2198 UNION ST.
NO. 4912 MISSION ST.
NO. 4541 MISSION ST.
NO. 2593 MISSION ST.
NO. 506 CASTRO ST.
NO. 1563 HYDE ST.
NO. 106 FIRST ST.
NO. 501 CLEMENT ST.
NO. 5639 GEARY ST.
NO. 1453 FILLMORE ST.
NO. 1500 POLK ST.
Erect 10 double faced vertical elecsigns.
Owner—Mercantile Trust Co., California and Montgomery St., S. F.
Architect—None.
Contractor—Federal Electric Co., 91 New Montgomery St., San Francisco. $3500

DWELLING
(1275) W NINETEENTH AVE 175 S Ord. One-story and basement frame dwelling.
Owner—Frank Carter, 161 8th Ave., San Francisco.
Architect—None. $4500

RESIDENCE
(1276) NE JACKSON AND LYON. Two-story and basement frame residence.
Owner—Andrew P. Girard, 593 Market St., San Francisco.
Architect—Erle Osborne, 821 Balboa Bldg., San Francisco.
Contractor—Thos. M. Jones, 3767 Army St., San Francisco. $6000

APARTMENTS
(1277) W STOCKTON 68 S California. Three-story and basement frame (27) apartments.
Owner—C. C. McKenzie and J. Prout, 515 Magellan Ave., San Francisco.
Architect—None.
Contractor — J. Prout, 515 Magellan Ave., S. F. $50,000

GARAGE
(1278) NO. 3660 TWENTY-FIRST ST. One-story frame private garage.
Owner—E. Linn, 2684 Sacramento St., San Francisco.
Architect—None. $1500

ALTERATIONS
(1279) NO. 1280 ELEVENTH AVE. Raise flats 3 feet; add 2 rooms and alter for basement garage.
Owner—J. A. Cook, Premises.
Architect—None. $1500

DWELLING
(1280) S OCEAN AVE 121-10 W Cayuga. One-story and basement frame dwelling.

Owner—Kenneth Fahy, 112 Silver Ave., San Francisco.
Architect—None.
Contractor—Joseph Novello, 172 Bertita St., San Francisco. $5000

FLATS
(1281) NE OCEAN AVE AND DELANO Two-story and basement frame (2) flats and store.
Owner—Thomas Lundy, 947 Stanyan St., San Francisco.
Plans by Owner. $7000

DWELLING
(1282) S HEAD 242 W Ashton. One-story and basement frame dwlg.
Owner—G. W. Morris, 152 Judson Ave., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. $4000

DWELLINGS
(1283) SW MONTEREY BLVD AND Montecito Ave.
W ASHTON AVE 50 and 100 S Pico.
N HEAD 180, 230 and 230 W Ashton Ave. Six one-story and basement frame dwellings.
Owner—G. W. Morris, 152 Judson Ave., San Francisco.
Plans by Owner. $4000 each

DWELLING
(1284) N CRESCENT 25 W Anderson. One-story and basement frame dwelling.
Owner—Ernest Mistele, 619 Banks St., San Francisco.
Plans by Owner.
Contractor—Marcus Eads, 631 Andover St., San Francisco. $3100

DWELLINGS
(1285) S HEARST AVE 100, 130, 160, 190, 220, 250, 280, 310, 340 and 370 W Foerster. Ten one-story and basement frame dwellings.
Owner — Moneta Investment Co., 233 Pacific Bldg., San Francisco.
Plans by Owner.
Contractor—James Arnott & Son, 235 Granville Way, San Francisco $3900 each

FLATS
(1286) N PINE 87-6 W Fillmore — 25 xN 100. All work for two-story frame building (flats).
Owner—Carl F. Schlundt, 2221 Webster St., San Francisco.
Architect—Albert J. Fabre and Ernest H. Hildebrand, 110 Sutter St., San Francisco.
Contractor—McIntosh Bros., 180 Jessie St., San Francisco.
Filed Apr. 2, '23. Dated Mar. 29, '23.
Frame up $2550
Brown coated 2550
Completed and accepted..... 2550
Usual 35 days..... 2550
TOTAL COST, $10,200
Bond, $5100. Sureties, Theo. De Pass and Wm. Smith. Limit, 100 days. Forfeit, $10. Plans and specifications filed

FRAME BLDG.
(1287) E TENTH AVE 233-4 S Anza S 50xE 120. All work for two-story and basement frame building.
Owner—Herman and Wm. Baumgarten, 1344 McAllister St., S. F.
Architect—None.
Contractor—Munster & Bornholdt, 1530 Broderick St., San Francisco.
Filed Apr. 2, '23. Dated Mar. 30, '23.
1st floor in place.....$2000
Frame up 2000
Enclosed and roof on..... 2000
Brown coated 2000
White coated 2000
Ready for painter..... 2000
Completed 3000
Usual 35 days..... 5000
TOTAL COST, $20,000
Bond, $10,000. Sureties, Berthold Struven and Otto Schrader. Limit, 180 days. Forfeit, $5. Plans and specifications filed.

GLASS C BLDG.
(1288) E POWELL 77-6 N Jackson N 40xE 57-6. All work for three-story and basement reinforced concrete Class C building.
Owner—E. H. Ferraris, % Architect.
Architect—Albert J. Fabre and E. H. Hildebrand, 110 Sutter St., S. F.
Contractor—John Morton Co., Balboa Bldg., San Francisco.
Filed Apr. 2, '23. Dated Mar. 26, '23.
Concrete poured to 2d flr level.$4575
Concrete and rough carpenter work completed 4576
White coated 4576
Completed and accepted..... 4576
Usual 35 days..... 6101
TOTAL COST, $24,404
Bond, $12,202. Sureties, Jas. Cantley and Roy Geary. Limit, 100 days. Forfeit, $10. Plans and specifications filed.

PAINTING
(1289) NW BATTERY AND SACRAmento W 275xN 119-6. Painting for seven-story Class A bank bldg.
Owner—Federal Reserve Bank of S. F.
Architect — Geo. W. Kelham, Sharon Bldg., San Francisco.
Contractor — A. Quandt & sons, 374 Guerrero St., San Francisco.
Filed Apr. 2, '23. Dated Mar. 22, '23.
On 10th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $26,676
Bond, $13,338. Surety, New Amsterdam Casualty Co. Limit, March 28, 1923. Forfeit, plans and specifications, none.

(1290) ROUGH CARPENTRY AND cabinet work on 2d story on above
Contractor—M. V. Kellogg & Son.
Filed Apr. 2, '23. Dated Mar. 12, '23.
Payments same as above.....
TOTAL COST, $40,141.50
Bond, $20,071. Surety, Fidelity & Deposit Co. of Maryland. Limit, July 15, 1923. Forfeit, none. Plans and specifications filed.

APARTMENTS
(1291) NE EIGHTEENTH AND NOE. Three-story frame apartments.
Owner—J. M. Curtin, 821 Douglas St., San Francisco.
Architect—None.
Contractor — Jas. F. McCarthy, 430 Eureka St., San Francisco.
Filed April 2, '23. Dated Mar. 31, '23.
2nd floor joists in.....$5210.00
Roof on 5209.85
Completed and accepted..... 5308.85
Usual 35 days..... 6946.45
TOTAL COST, $27,885
Bond limit forfeit plans and specifications none.

ALTERATIONS
(1292) NW BUSH AND VAN NESS Ave No. 1405 Van Ness Ave. All work for alterations and additions to apartment building.
Owner—P. E. Blalach Inverness Apts San Francisco.
Architect—Wm. F. Gunnison, 57 Post St., San Francisco.
Contractor—A. L. Stone, 565 Pacific Bldg., San Francisco.
Filed Apr. 2, '23. Dated Mar. 27, '23.
On 1st and 15th of each month 75%
Usual 35 days..... 25%
TOTAL COST, $11,600
Bond, $5800. Surety, Maryland Casualty Co. Limit, 75 days. Forfeit, none Plans and specifications filed.

DWELLING
(1293) S JACKSN 117-6 E Cherry. Two-story and basement frame dwelling.
Owner—Harry C. Warwick, 3191 Washington St., San Francisco.
Architect—Chas. E. Gottschalk, Phelan Bldg., San Francisco. $22,000

RESIDENCE
(1294) SW CEDRO AND OCEAN AVE. Two-story and basement tile residence.
Owner—Urban Realty Improvement Co., 39 Montgomery St., S. F.
Architect—None.
Contractor—Leonard & Holt, 39 Montgomery St., San Francisco. $15,000

APARTMENTS
(1295) W LEAVENWORTH 68-9 and 103-1½ N O'Farrell. Two five-story and basement brick apartment buildings (24 apts. each).
Owner—Acme Investment Co., 251 Kearny St., San Francisco.
Architect—D. C. Coleman, 110 Sutter St., San Francisco.
Contractor—Monson Bros., 25 Kearny St., San Francisco. $50,000 each

ALTERATIONS
(1296) NO. 984 MARKET. Remodel store front; install show windows.
Owner—G. Gustafson, 985 Market St., San Francisco.
Architect—None.
Contractor—Mullen Mfg. Co., 64-68 Rausch St., San Francisco. $1500

ADDITION
(1297) NO. 1579 NINTH AVE. Add 2 rooms to flats; cement work, etc., for private grage.
Owner—Herman Feht, Premises.
Architect—None.
Contractor—F. Crothers, 1426 10th Ave., San Francisco. $4445

ALTERATIONS
(1298) E HARTFORD 125 S 18th St. Remodel two-story frame building for four apartments.
Owner—C. Horstmeyer, 31 Ord St., San Francisco.
Architect—None.
Contractor—Wm. Horstmeyer, 31 Ord St., San Francisco. $4000

FRAME FLATS
(1299) W SIXTEENTH AVE 121-1 S California. Two-story and basement frame (2) flats.
Owner—Edgar G. Oden.
Architect—None.
Contractor—Strand & Strand, 163 Parnassus St., San Francisco. $6000

DWELLING
(1300) W TWENTY-FOURTH AVE 275 N Geary. One-story and basement frame dwelling.
Owner—P. J. Marc, 2337 Clement St., San Francisco.
Architect—None.
Contractor—A. Cuneo, 243 Day St., and Wm. De Martini, 43 Lucky St., San Francisco. $5200

GARAGE
(1301) W SAN BRUNO AVE 50 N Wayland. One-story concrete public garage.
Owner—John De Mattei, 346 Woolsey St., San Francisco.
Plans by E. J. O'Connor, 1628 Ocean Ave., San Francisco. $4000

RESIDENCE
(1302) W FORTY-SECOND AVE 187-6 S Geary. Two-story and basement frame residence.
Owner—Mrs. John E. Hill, % Architect.
Architect—Edward E. Young, 2002 California St., S. F. $6000

DWELLING
(1303) N HOLLISTER 100 W Jennings One-story and basement frame dwelling.
Owner—Ernest Lombardi, 1158 Egbert Ave., San Francisco.
Architect—None. $2000

FRAME FLATS
(1304) W SIXTEENTH AVE 250 N California. Two-story and basement frame (2) flats.
Owner—A. and L. Levy, % Contractor.
Architect—J. R. Christiansen, 518 25th Ave., San Francisco.
Contractor—D. C. Christiansen, 518 25th Ave., San Francisco. $7000

ALTERATIONS
(1305) NO. 275 JERSEY. Remove shingles and replace with tar and gravel roof.
Owner—G. A. Boquist, 275 Jersey St., San Francisco.
Architect—None. $1000

ALTERATIONS
(1306) 835 CASTRO ST. Alterations for private garage. Concrete work, etc.
Owner—J. E. Kinney, 835 Castro St., San Francisco.
Architect—None.
Contractor—P. Lynch, 1725 Dolores St., San Francisco. $1000

APARTMENTS
(1307) N WASHINGTON 128-9 E Jones 4-story and basement concrete (19) apartments.
Owner—Mrs. A. G. Boggs, 1266 Washington St., San Francisco.
Architect — Julia Morgan, 1135 Merchants Exchange Bldg., San Francisco. $80,000

FRAME FLATS
S CUMBERLAND bet. Guerrero and Dolores. Two-story and basement frame (2) flats.
Owner—Thos. F. Rush, 858 Church St., San Francisco.
Architect—W. H. Armitage, 72 New Montgomery St., San Francisco.
Contractor—O. M. Oyen, 67 Carmel St., San Francisco. $12,000
NOTE:—Recorded contract reported March 31, 1923, No. 1255.

WAREHOUSE
(1308) S STEVENSON 225 W Fifth. Eight-story and basement reinforced concrete warehouse.
Owner—Hale Bros., 5th & Market Sts., San Francisco.
Architect—Geo. D. Colmesnil, 1007 Chronicle Bldg., San Francisco.
Contractor — MacDonald & Kahn, 130 Montgomery St., S. F. $40,000

ALTERATIONS
(1309) NO. 2783 McALLISTER. Raise two-story frame flats; alter for basement garage; terrazzo steps, etc.
Owner—K. McKenzie, 1025 Anza St., San Francisco.
Architect—None.
Contractor—K. H. McKenzie, 1025 Anza St., San Francisco. $1000

DWELLINGS
(1310) E PARIS 50 and 75 N Excelsior Two one-story and basement frame dwellings.
Owner—Hugo Wagenknecht, 275 Lisbon St., San Francisco.
Architect—None. $3900 each

FRAME FLATS
(1311) E CASTRO 26-6 S Twenty-second. Two-story and basement frame (2) flats.
Owner—Mary C. Collins.
Architect—Martin T. Rist, Santa Fe Bldg., San Francisco.
Contractor—A. L. Stone, Pacific Bldg., San Francisco. $9000

DWELLING
(1312) E SOUTH HILL BLVD. 150 S Geneva. One-story and basement frame dwelling.
Owner—Henry W. Petersen, 901 Geneva St., San Francisco.
Architect—None.
Contractor—G. Linberg, 257 Surrey St., San Francisco. $5800

APARTMENTS
(1313) W SIXTH 276 N Folsom. Two-story and basement frame (4) apartments and store.
Owner—Edward Rolkin, Hotel Argonaut 4th St. near Market, S. F.
Architect—None.
Contractor—Chas. A. Andreson, 256 N-Park St., Daly City. $6000

DWELLING
(1314) S GENEVA 75 W Moscow. One story and basement frame dwlg.
Owner—F. N. West, 14 7th St., S. F.
Plans by Owner. $4600

DWELLING
(1315) W SEVENTEENTH AVE 250 N Fulton. One-story and basement frame dwelling.
Owner—A. M. Alexander, 751 17th Ave., San Francisco.
Architect—None.
Contractor—Harry L. Sandow, 709 25th Ave., San Francisco. $4000

BAKERY
(1316) S STILLMAN 175 W Third. Two-story reinforced concrete bakery and flat.
Owner—Mionea Pie Co., 3138 Fillmore St., San Fracisco.
Architect—None.
Contractor — Frank M. Weber, 2224 Mariposa St., San Francisco. $10,000

ALTERATIONS
(1317) NO. 111 COMMONWEALTH Ave., Two-room addition to residence; extend dining and breakfast rooms.
Owner—Albert S. Samuels, % Architect
Architect—Bernard J. Joseph, 74 New Montgomery St., S. F. $3000

ALTERATIONS
(1318) NO. 2164 MISSION. Change front; concrete flooring, etc., for restaurant.
Owner—Annie Kidwell, 730 Dolores St., San Francisco.
Architect—None.
Contractor—James Jensen, 3495 17th St. San Francisco. $2800

MARQUISE
(1319) NO. 6 SACRAMENTO. Erect 3 sided marquise with electric letters
Owner—Maurice Bernstein, Premises.
Architect—None.
Contractor—Novelty Elec. Sign Co., 435 Turk St., San Francisco. $1000

APARTMENTS
(1320) NW BREEN PLACE AND McAllister. Five-story Class C reinforced concrete (34) apartments.
Owner—Joseph Greenback, 185 Stevenson St., San Francisco.
Architect—J. C. Hladik, Monadnock Bldg., San Francisco. $60,000

DWELLINGS
(1321) E FORTY-FIRST AVE 175, and 200 N Cabrillo.
W TWENTY-SEVENTH AVE 175 N Judah. Three one-story and basement frame dwellings.
Owner — E. A. Janssen, 402 Hearst Bldg., San Francisco.
Architect—None. $3500 each

DWELLINGS
(1322) S ALSTON WAY 163, 193, 223, 253 and 283 E Claremont Blvd. Five one-story and basement frame dwellings.
Owner—Emil Nelson, 4837 Geary St., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. $3800 each

ALTERATIONS
(1323) NO. 26 O'FARRELL. Remove partitions in basement ad remodel for salesroom.
Owner—Kohler & Chase, Premises.
Architect—H. P. Vollmer, Flood Bldg., San Francisco. $1000

BUILDING
(1324) NE POST AND POWELL N 137-6xE 162-9. Electrical wiring for ten-story Class A office building.
Owner—Wm. M. and Mary E. Fitzhugh, Mills Bldg., San Francisco.
Architect—Reid Bros., California-Pac. Bldg., San Francisco.
Engineers—Hunter & Hudson, 105 Montgomery St., San Fracisco.
Contractor — Butte Electrical Equipment Co., 530 Folsom St., S. F.
Filed April 4, '23. Dated Mar. 23, '23.
On 10th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $21,840
Bond, $10,920. Surety, New Amsterdam Casualty Co. Limit, Nov. 1, 1923. Forfeit, none. Plans and specifications filed.

(1235) ORNAMENTAL IRON AND bronze work on above.
Contractor—California Artistic Metal & Wire Co. 365 7th St., S. F.
Filed April 4, '23. Dated Mar. 23, '23.
Payments same as above.....
TOTAL COST, $48,122
Bond, $24,061. Surety, Fidelity & Deposit Co. of Maryland. Limit, 7 months; Forfeit, none; Plans and specifications filed.

ALTERATIONS
(1236) N TWENTY-FOURTH 130 E Castro E 25xN 114. All work for alterations and additions to bldg.
Owner—W. E. Sullivan and Thos. J. McDermott, 357 Cumberland St., San Francisco.
Architect — Richard R. Irvine, Call Bldg., San Francisco.
Contractor—Roberts & Son, 338 Scott St., San Francisco.
Filed April 4, '23. Dated Mar. 27, '23.
Store and rooms framed.....$2034
Brown coated 2034
Completed 2035
Usual 35 days..... 2035
TOTAL COST, $8138
Bond, $8138. Surety, Continental Casualty Co. Limit, 65 days. Forfeit, $5. Plans and specifications filed.

FRAME FLATS
(1237) W SIXTEENTH AVE 250 N California. All work for two-story frame flats.
Owner—Anna and Arthur Levy.
Architect—J. P. Christiansen, 518 25th Ave., San Francisco.
Contractor — H. C. Christiansen, 618 25th Ave., San Francisco.
Filed April 4, '23. Dated April 3, '23.
Frame up $3000
Brown coated 3000
Completed 3000
Usual 35 days..... 3000
TOTAL COST, $12,000
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted

Mar. 29, 1923—W TWENTY-FIRST Ave 25 S Anza S 25xW 82-6. Michael McDonough to whom it may concern.....Mar. 29, 1923
Mar. 29, 1923—LOT 6 BLK 27 Map Blks 27 to 34 Forest Hill Extn. St. George Holden to whom it may concern.....
Mar. 29, 1923—W SIXTEENTH AVE 125 N Fulton N 26xW 120. M B Storheim to whom it may concern .....March 29, 1923
Mar. 29, 1923—N KIRKHAM 95 E Sixth Ave. Cox Bros to whom it may concern.....Mar. 27, 1923
Mar. 29, 1923—W NINTH AVE 25 S Lawton S 25xW 70. A Peterson to whom it may concern.Mar. 29, '23.
Mar. 29, 1923—W NINETEENTH AVE 75 N Kirkham N 25xW 95. R N Gibson to whom it may concern.. .....March 29, 1923
Mar. 29, 1923—W NINEETENTH AVE 50 N Kirkham W 95xN 25. R N Gibson to whom it may concern... .....March 29, 1923
Mar. 29, 1923—NW NEWTON 145.20 S from Rolph 37-6x100 Lot 15 and S ½ Lot 14 Blk 5, Crocker Amazon Tract. Richard Goltzner to whom it may concern.....Mar. 29, 1923
Mar. 29, 1923—W TWENTY-THIRD Ave 25 S Cabrillo — 25xW 107-6. H C Lindeman to W R Lindeman.. .....March 29, 1923
Mar. 29, 1923—N CALIFORNIA 107-6 W Twenty-seventh Ave 25x100. Arthur B Stevens to whom it may concern.....Mar. 29, 1923
Mar. 30, 1923—N BALBOA 52-6 W 21st Ave 25x100. Patrick Dunne to Thomas McCormick....Mar. 27, 1923
Mar. 30, 1923—W FORTY-FIFTH AV 75 N Anza N 25xW 57-6. Victor Bjors to whom it may concern... .....Mar. 27, 1923
Mar. 30, 1923—E FAXON AVE 175 S De Moniford 25x112. George Pedwell to whom it may concern... .....March 24, 1923
Mar. 30, 1923—LOT 10 BLK 3136. Westwood Park. Hans and Esther E Nelson to whom it may concern..—
Mar. 30, 1923—E FAXON AVE 250 N Grafton Ave 25x112-6. Barnet Gersh to whom it may concern.. .....March 30, 1923
Mar. 30, 1923—W BUCHANAN 65 N Herman N 24-6xW 90. Eugene and Pauline E Pfaeffle to John M Hoopper.....Mar. 29, 1923
Mar. 30, 1923—E SIXTH AVE 275 S Judah E 120xS 25. Katherine J Madden to Thomas McCormick and Edw Grace.....Mar. 29, 1923
Mar. 30, 1923—NW FOLSOM AND Langton 50x80. J H Ijul to whom it may concern.....Mar. 21, 1923
Mar. 30, 1923—LOTS 23 AND 24 BLK 20, University Md. Survey. Grace English Evangelical Lutheran Church to Foy & Johnson.Mar. 30, '23
Mar. 30, 1923—E SECOND AVE 275 N Clement N 25xE 120. Albert E and Mabel Disston to whom it may concern.....Mar. 30, 1923
Mar. 31, 1923—SW BUSH AND SANsome S 137-6xW 206-3. Standard Oil Co to Direct Line Telephone Co, Mar. 28; Puget Sound Machinery Co, Mar. 22; Raymond Granite Co, Mar. 29; Home Mfg Co, Mar. 23; Frank B Drew Co, Mar. 27; James T Ludlow.....Mar. 27, 1923
Mar. 31, 1923—LOT 22 BLK 21 Resbdvn Blks 18 and 21 and Pin Blk 19 and Lots lettered P, Q, R, S, St. Francis Wood Extn No. 2. St Francis Wood Co to Allen & Co... .....March 27, 1923
Mar. 31, 1923—W ELEVENTH AVE 200 N Cabrillo N 25x120. Alfred T Morris to whom it may concern.. .....March 27, 1923
Mar. 31, 1923—E TWENTY-FOURTH Ave 175 N Fulton N 25xE 120. Nick Hemminga to whom it may concern.....Mar. 31, 1923
April 2, 1923—SE BACON 95 SW San Bruno Ave SW 25x100. Hymon Rosenberg to S Saari..April 2, 1923
April 2, 1923—SE HARRISON 75 SW Langton SE 137-6xSW 40. James Madison to Alfred H Vogt..... .....March 30, 1923
April 2, 1923—NW FRANKLIN AND Chestnut W 100xN 25. Amelia Dorland and Lenore A Sone to whom it may concern.....Mar. 26, 1923

April 2, 1923—S GEARY 137-6 W Hyde. Chas A Johnson to whom it may concern.....Apr. 2, 1923
April 2, 1923—SW FORTY-SIXTH Ave and Balboa W 90xS 25. Thos Hamill to whom it may concern... .....April 2, 1923
April 2, 1923—S CARL 127-5 W Willard W 154-1 by varying depth of from 125 to 131. Thos Hamill to whom it may concern..April 2, 1923
April 2, 1923—NE MISSION AND Geneva 50x95. Albin M Samuelson to whom it may concern.Mar. 31, 1923
April 2, 1923—E NINETEENTH AVE 100 S California S 25xE 120. Jas K Moore to John Little & Son... .....March 22, 1923
April 2, 1923—LAND BDED ON S by Ocean Ave, E by Faxon Ave and W by Ashton Ave and having depth of 1100. Pacific Hebrew Orphan Asylum and Home Society to Scott Co.....March 19, 1923
April 3, 1923—E FUNSTON AVE 25 S Balboa 602-604 Funston Ave. Jno C Bartholomew to J Y Bartholomew.....April 3, 1923
April 3, 1923—SW TINGLEY 326-9 NW Mission NW 25xSW 100 Ptn Lot 141, Academy Tract. Anna B Walsh to Fred J Dunn....April 3, 1923
April 3, 1923—N GREEN 162-6 E Webster. Robert Wallace Jr to E K Nelson.....Mar. 31, 1923
April 3, 1923—S MAYNARD 275 W Congdon W 25xS 110 Ptn Lot 7 Blk 9, College Hd Ass'n. George and Gemma Pirvoulescho to whom it may concern.....Mar. 31, 1923
April 3, 1923—LOTS 2 AND 4 BLK 3112 Westwood Park. Gordon W and Linnie Morris to whom it may concern.....April 2, 1923
April 3, 1923—W FIFTEENTH AVE 300 S Judah S 25xW 127-6. D W Ross to whom it may concern... .....March 31, 1923
April 3, 1923—W FIFTEENTH AVE 325 S Judah S 25xW 127-6. D W Ross to whom it may concern... .....March 31, 1923
April 3, 1923—S IRVING 82-6 W Tenth Ave W 75xS 100. Leo Gillig to Schultz Constr Co....Mar. 17, 1923
April 4, 1923—S IRVING 82-6 W Tenth Ave W 75xS 100. Leo Gillig to Schultz Constr Co....Mar. 17, 1923
April 4, 1923—LOTS 30 AND 31 BLK 3, Crocker Amazon Tract. Carl E Nyman to whom it may concern..—
April 4, 1923—E MOSCOW 175 S Persia Ave S 25xE 100. Alma Mahan to Martin Smith....Mar. 24, 1923
April 4, 1923—SE LISBON 150 SE Italy Ave SW 25xSE 100 Ptn Lot 2 Blk 24, Excl Hd Assn. Patrick Horgan to whom it may concern... .....April 4, 1923
April 4, 1923—SE LISBON 175 SE Italy Ave SW 25xSE 100 Ptn Lot 2 Blk 24, Excelsior Hd Association. Patrick Horgan to whom it may concern.....April 4, 1923
April 4, 1923—SW FILBERT AND Leavenworth 27-7xW 68-9. Margaret M Douglas to J Callaghan... .....March 28, 1923
April 4, 1923—NW PORTOLA DRIVE 15.01 SW from NE line Lot 11 Blk 2989, Claremont Court. Carl H Peterson to whom it may concern .....April 4, 1923
April 4, 1923—NE LAKEVIEW AVE and Capitol Ave N 25xE 75. Max and Mildred A Breitman to James Arnott & Son.....April 3, 1923
April 4, 1923—SE BRYANT 126-6 NE Center Place NE 25xSE 80. Laurence A Myers to whom it may concern.....April 4, 1923
April 4, 1923—N 20 FT. LOT 3 and S 20 ft. Lot 2 Blk 3251. Balboa Terrace. O M and Wilhelmina Hueter to C F Parker.....April 4, 1923
April 4, 1923—NW CLAY & GRANT Ave N 57xW 65. Yuen Benevolent Association to Bayliss & Sheridan .....April 4, 1923
April 4, 1923—S GEARY 46 W 19th Ave 25x100. W C Foulkes to Emil Nelson.....March 30, 1923

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Accepted

Mar. 29, 1923—S BUSH 190 E Pierce E 36-6xS 137-6. Loop Lumber Co vs Annie and Gus Berndt.....$1100
Mar. 30, 1923—W FOURTEENTH AV 224 N Cabrillo N 25x140. J A Drummond vs Louis S and Isabelle Cousine and J E Barker.....$105
April 2, 1923—E TWENTIETH AVE 250 S Clement. John J Delucchi vs Josephine F and L A Melbourne, J E Hamilton and Wesley T Costello $85
April 2, 1923—SE ELLIS AND POLK E 110xS 220. Cadwallader Gibson Co vs Chancellor & Lyons.$393.81
April 3, 1923—E FORTY-EIGHTH Ave 250 S Taraval S 75xE 120. Richard E Cumberlaand vs Harry L and Florence Dale.....$216
April 4, 1923—E FORTY-EIGHTH Ave 250 S Taraval S 75xE 120. Concealo Fixture Co vs Mrs Harvey Dale or Florence Dale, Harvey L Dalé and Hamilton & Costello.$203.75
April 4, 1923N GEARY 58 W Parker Ave W 120 N 117 E 121-3 S 100. Atlas Heating & Ventilating Co vs T D Harter.....$234

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded Amount

Mar. 29, 1923—E FAXON AVE 275 S Holloway S 25xE 112-6. R S Holding to Margaret Grant.....
Mar. 30, 1923—E MISSION 103-7 S Fair Ave S 50xE 136. W S Vivian, Reinhart Lumber & Planing Mill Co, Rasmussen & Maillard, California Mill Co, New Mission Sheet Metal Works, F W Mecklenburg & Wm Buick to Luigi C Chiappari
Mar. 30, 1923—NE KEARNY AND Nottingham Place N 29-1½xE 57-6. Pioneer Plate & Window Glass Co to L Chiappari, M Chiappari and D Benta .....
Mar. 31, 1923—W TWENTY-SIXTH Ave 243 N Clement N 25xW 120. John J Murray and Carl Stendell to Harry Moran and R C Holm....
Mar. 31, 1923—W TWENTY-SIXTH Ave 332 S California S 25xW 120. Kitchen & Son to R C Holm and Ida Holm .....
April 3, 1923—E MISSION 103-7 S Fair Ave S 50xE 136. Cornelius F and Kathryn Collonan to Luigi O Chiappari .....
April 4, 1923—SW FOOTE AVE 50 SE Ellington E 25xSW 80. Robblee & Goger to Jas A Kilgore.....

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

Mar. 29, 1923—E BRUSSELS 100 S Olmstead S 50xE 120. Paul E Fratessa as to improvements on property .....
Mar. 30, 1923—NO. 601 TO 607 McAllister. Henry T Bush tr est Annie L Summerhayes, dec'd. as to improvements on property.....

BUILDING CONTRACTS

ALAMEDA COUNTY

$1,000 and Over Reported

The following is an index for the contracts for this issue:

No.	Owner	Contractor	Amt
1512	Carter	House	1435
1513	Wilberg	Asumaa	1100
1514	Swift	Taylor	12800
1515	Siegrist	Owner	4500
1516	Smith	Thaxter	6000
1517	Hunter	Owner	5500
1518	Perrott	Owner	3500
1519	Hudson	Kidder	1260
1520	Sheridan	Rankin	16500
1521	Laurey	Dolan	3985
1522	Laurey	Dolan	3675
1523	Laurey	Dolan	3675
1524	Laroni	Pond	12200
1525	Peters	Owner	2950
1526	Beat	Owner	4200
1527	Donahue	Malley	1500
1528	Roberts	Owner	3500
1529	Saroni	Qond	6400
1530	Saroni	Pond	6400
1531	Brown	Peterson	7000
1532	Goldman	Federal	1000
1533	Blackman	Owner	5000
1534	Goldman	Federal	2000
1535	Ambrose	Smith	6000
1536	McLure	Stolte	7650
1537	Clarke	Williams	30000
1538	Morgan	Norgrove	4360
1539	Simonds	Trow	21380
1541	Whyte	Cox	6660
1542	Steers	Hansson	5200
1543	Dull	Bigelow	10200
1544	Grow	Owner	3000
1545	Long	Owner	14000
1546	Cornwall	Van Ness	2000
1547	Arnest	Stanley	3800
1548	Johnson	Owner	4000
1549	Callaghan	McWethy	15000
1550	Clark	Alder	8000
1551	Nielsen	Weat Coast	8000
1552	Cannon	Muller	1000
1553	Barnett	Constable	5480
1554	Emblison	Sydes	4500
1555	Johnson	Owner	3500
1556	Meyers	Owner	5000
1557	Blake	Maganini	4000
1558	Puzair	Kurtz	2235
1559	Crick	Owner	3000
1560	Owens	Owner	1500
1561	Tasheira	Rigney	565
1562	Tasheira	Zelinsky	1451
1563	Tasheira	Emery	945
1564	Tasheira	Roberts	430
1565	Tasheira	Picard	2058
1566	Tasheira	Cederborg	11772
1567	Tasheira	Back	1782
1568	Burch	Adkison	3700
1569	Cates	Owner	1500
1570	Baker	Owner	6000
1571	Ernst	Owner	9000
1572	Fogg	Petersen	2400
1573	Parker	Owner	6000
1574	Forbes	Watkins	3000
1575	Revert	Pfrang	15000
1676	Pallen	Owner	7000
1577	Lynch	Herman	4000
1678	Marquis	Owner	3200
1579	Stout	Stout	3000
1580	Grocers	Bowers	1100
1581	Fox	Fox	2200
1582	Frawley	Owner	3600
1583	Harding	Clarke	3000
1584	Blanchard	Hauri	4300
1585	Kimball	Adkisson	3500
1586	Bguhl	Butz	3500
1587	Clarke	Clarke	3000
1588	White	White	1500
1589	Elser	Owner	3500
1590	Fenner	Daly	1000
1591	Loftgran	Owner	2000
1592	White	White	1500
1593	Gee-Lang	Oakland	2000
1594	Hughes	Hauri	1550
1595	Schoonmaker	Olson	5700
1596	Westgate	Gompertz	17000
1597	Herron	Knowles	36000
1598	Christ Church	Curletto	4750
1599	Detroit	Arras	14023
1600	Vernier	Hawkins	2300
1601	Mattern	Sorensen	1300
1602	Nelson	Johanson	1000
1603	Heinonen	Owner	1500
1604	Quill	Hamilton	21500
1605	Coughlin	Williams	4000
1606	Ahart	Owner	1900
1607	Atlas	Christensen	4000
1608	Coit	Brown	1300
1609	Brown	Stenbro	3600
1610	Jullen	Owner	3000
1611	Coster	Merritt	4500
1612	Schubert	Allen	4800
1613	Ernst	Owner	5000
1614	Miller	Hebel	2800
1615	Hemenway	Owner	2500
1616	Larson	Weston	4000
1617	Bacon	Le Feure	2175
1618	Myers	Brown	3000
1619	Brown	Owner	3000
1620	Pfrang	Owner	6000
1621	Moss	Krogen	1750
1622	California	Christensen	17550
1623	Jones	Falk	4400
1624	Jordan	Andresen	1200
1625	Theile	Theile	13000
1626	Ansel	Lee	1000
1627	Camales	Froling	11000
1628	Neam	Hewitt	4000
1629	Arada	Arada	2000
1630	Rankin	Owner	4000
1631	Van Nell	Sircy	10200
1632	Buck	Williford	3850
1633	Whearty	Owner	5000
1634	Cragmont	Pearson	6400
1635	Dodge	Marshall	9000
1636	Gastman	Owner	3000
1637	Werner	Owner	2000
1638	Ahnefeld	Owner	6000
1639	White	Owner	2000
1640	Malnick	Gow	8500
1641	Rocci	Morgan	3000
1642	Rossi	Owner	1000
1643	Brett	Owner	3000
1644	Johanson	Owner	5600
1645	Thornton	California	3200
1646	Pearce	Owner	2500
1647	Malley	Owner	8000
1648	Borden	Shipman	1800
1649	Burks	Owner	3000
1650	Welch	Owner	3600
1651	Lezueira	Dutra	3200
1652	Mezzano	Raineri	3000

DWELLING
(1512) NO. 1368 ACTON, Berkeley. One-story 3-room dwelling.
Owner—M. G. Carter, Martinez, Cal.
Architect—None.
Contractor—Jacob House, 1640 Allston Way, Berkeley. $1435

ADDITION
(1513) NO. 1905 DELAWARE, Berkeley. Addition.
Owner—O. Wilberg, 1114 Indiana St., Vallejo.
Architect—None.
Contractor—L. Asumaa, 6518 Whitney St., Oakland. $1100

DWELLING
(1514) NO. 148 TUNNEL ROAD, Berkeley. One and one-half-story 6-room dwelling.
Owner—Henry F. Swift, 2728 Belrose St., Berkeley.
Architect—Roland I. Stringham, Newhall Bldg., San Francisco.
Contractor—Taylor & Jackson, 290 Tehama St., San Francisco. $12,800

DWELLING
(1515) NO. 1508 GROVE ST., Berkeley. One-story 5-room dwelling.
Owner—F. R. Siegrist, 1424 Oxford St., Berkeley.
Architect—None. $4500

FLATS
(1516) NO. 2345-47 WOOLSEY, Berkeley. Two-story 8-room flats.
Owner—W. Gus Smith, 2327 Prince St., Berkeley.
Architect—None.
Contractor—F. W. Thaxter, 3029 Regent St., Berkeley. $6000

DWELLING
(1517) NO. 1147 ALAMEDA ST., Berkeley. One-story 6-room dwlg.
Owner—S. M. Hunter, 2103 Woolsey St., Berkeley.
Architect—None. $5500

DWELLING
(1518) NO. 1014 MERCED, Berkeley. One-story 5-room dwelling.
Owner—R. Perrott, 1136 Fresno Ave., Berkeley.
Architect—None. $3500

ADDITION
(1519) NO. 1416 GRANT ST., Berkeley. Addition.
Owner—H. W. Hudson, Premises.
Architect—None.
Contractor—H. C. Kidder, 1923 Francisco St., Berkeley. $1250

FLATS
(1520) NO. 2820-22-24-26 PRINCE ST., Berkeley. Two-story 17-room flats
Owner—R. J. Sheridan, 311 Hanover Ave., Oakland.
Architect—None.
Contractor—S. G. Rankin, 712 Haddon Road, Oakland. $16,500

DWELLING
(1521) NE COR ALTA VISTA & JEAN, Oakland, 1-story 6-room dwlg.
Owner—C. V. Laurey.
Architect—None.
Contractor — Leo J. Dolan, Syndicate Bldg., Oakland. $3985

DWELLING
(1522) N ALTA VISTA 80 E Jean Oakland, 1-story 5-room dwelling.
Owner—C. V. Laurey, Syndicate Bldg., Oakland.
Architect—None.
Contractor—Leo J. Dolan, Syndicate Bldg., Oakland. $3675

DWELLING
(1523) E JEAN 40 N Alta Vista, Oakland, 1-story 5-room dwelling.
Owner—C. V. Laurey.
Architect—None.
Contractor—Leo J. Dolan, Syndicate Bldg., Oakland. $3675

DWELLINGS
(1524) E SIXTY-SIXTH AV. 200, 240, 280, 320, 360, 400 S Arthur St., Okd. 6 1-story 5-room dwellings.
Owner—Louis Saroni, 733 Battery St., San Francisco.
Architect—None.
Contractor—C. P. Pond, 6664 E-14th St., Oakland. $3200 each

DWELLING
(1525) 5459 RUTH ST., Oakland, 1-sto. 5-roo mdwelling.
Owner—L. A. Peters, 3485 Davis St., Oakland.
Architect—None. $2950

STORAGE BLDG.
(1526) W ONE HUNDRED FIFTH AV. S S. P. R.R., Oakland. 1-story pattern storage bldg., 1-story 3-room laboratory and 1-story compressor.
Owner—Best Steel Casting Co., 150th Ave., Oakland.
Architect—None. $4200

ALTERATION
(1527) NW COR. NEWTON & PARK Blvd., Oakland. Alterations.
Owner—W. H. Donahue, Hotel Oakland.
Architect—None.
Contractor — F. T. Malley, 900 Lakeshore Ave., Oakland. $1500

DWELLING
(1528) W EIGHTY-SEVENTH AVE. 250 Plymouth, Oakland. 1-story 5-room dwelling.
Owner—L. F. Roberts, 3925 14th Ave., Oakland.
Architect—None. $3500

DWELLINGS
(1529) E HAVENSCOURT BLVD. 440-480 N Avenal, Oakland. 2 1-story 6-rooom dwellings.
Owner—Louis Saroni, 733 Battery St., San Francisco.
Architect—None.
Contractor—C. P. Pond, 6664 E-14th St., Oakland. $3200 each

DWELLINGS
(1530) W HAVENSCOURT BLVD. 160 S Arthur St.
E HAVENSCOURT BLVD. 240 S Arthur St., Oakland. 2 1-story 6-room dwellings.
Owner—Louis Saroni, 733 Battery St., San Francisco.
Architect—None.
Contractor—C. P. Pond, 6664 E-14th St., Oakland. $3200 each

DWELLING
(1531) 726 McKINLEY AVE, Oakland. 2-story 7-room dwelling.
Owner—A. M. Brown, 419 43rd St., Okd.
Architect—None.
Contractor—O. A. Petersen, 1516 Hopkins St., Oakland. $7000

ROOF SIGN
(1532) SW COR. FOURTEENTH AND Washington Sts., Oakland. Roof sign.
Owner—I. Goldman, 14th & Washington, Oakland.
Architect—None.
Contractor—Federal Elec. Co. $1000

DWELLINGS
(1533) 1743 & 1749 EIGHTY-SIXTH Ave., Oakland. 2 1-story 4-room dwellings.
Owner—E. L. Blackman, 4221 E-14th St., Oakland.
Architect—None. $2500 each

ELEC. SIGN
(1534) SW COR. FOURTEENTH AND Washington, Oakland. Elec. sign.
Owner—I. Goldman.
Architect—None.
Contractor—Federal Elec. Co. $2000

DWELLING
(1535) W YORK ST. 350 N Cottage, Oakland.
Owner—Mrs. A. A. Ambrose, 402 Castro St., Oakland.
Architect—None.
Contractor—G. E. Smith, 3316 E-23rd St., Oakland. $6000

DWELLING
(1536) 791 BABARA RD., Oakland. 2-story 6-room dwelling.
Owner — W. C. McClure, Liberty Bell Apts., Oakland.
Architect—None.
Contractor—F. C. Stolte, 3455 Laguna Ave., Oakland. $7650

DWELLING
(1537) 1046 ASHMONT AVE., Oakland. 2-story 8-room dwelling & garage.
Owner—Henrietta S. Clarke, 830 Calmar Ave., Oakland.
Architect—None.
Contractor — Chas. C. Willams, 1524 Franklin St., Oakland. $30,000

DWELLING
(1538) PTN. LOTS 18 &19 BLK 16 MAP Northbrae, Albany. 1-story 6-room dwelling.
Owner—Albert H. & Florence E. Morgan.
Architect—None.
Contractor—C. M. Norgrove 2220 Roosevelt Ave., Berkeley.
Filed Mar. 28, 1923. Dated Mar. 26, 1923.
Frame up ..... ¼
Brown coated ..... ¼
Completed and accepted ..... ¼
Usual 35 days ..... ¼
TOTAL COST, $4360
Bond, Sureties, Forfeit, none; Limit, 90 days; Plans and specifications filed.

DWELLING
(1539) PTN. LOTS 3, 4, 5, BLK 2 MAP Berkeley Square, Berkeley. 2-story and basement frame dwelling.
Owner—Ray Simonds, 117 New Montgomery St., San Francisco.
Architect—Wm. E. Milwain, Pac. Bldg., Oakland.
Contractor—Chas. L. Trow, 835 38th St., Oakland.
Filed Mar. 29, 1923. Dated Mar. 21, 1923.
Frame up ..... ¼
Brown coated ..... ¼
Completed and accepted ..... ¼
Usual 35 days ..... ¼
TOTAL COST, $21,380
Bond, $21,380; Sureties, Globe Indemnity Co.; Forfeit, $5.00 day; Limit, 120 days; Plans and specifications filed.

STORES & APTS.
(1540) S FORTIETH LT 3 BLK12-994 Howe Tract, Oakland. Frame stores and apartments.
Owner—David & Edith Kelly, 2558 E 27th St., Oakland.
Architect—None.
Contractor—Louis Johnson & Edward Johnson, 233 Greenbank Ave., Pied.
Filed Mar. 29, 1923. Dated Mar. 16, 1923.
Frame up ..... ¼
Brown coated ..... ¼
Completed and accepted ..... ¼
Usual 35 days ..... ¼
TOTAL COST $11,500
Bond, $5750; Sureties, Annie E. Johnson and Marie C. Anderson; Forfeit, none; Limit, 90 days; Plans and specifications filed.

DWELLING
(1541) NO. 65 TUNNEL ROAD, Berkeley. Two-story 5-room dwlg.
Owner—Neil A. Whyte, San Francisco.
Architect—None.
Contractor—Cox Bros., 2212 Broadway, Berkeley. $6560

DWELLING
(1542) NO. 1837 SONOMA, Berkeley. One-story 5-room dwelling.
Owner—W. C. Steers, 714 Haight St., San Francisco.
Architect—None.
Contractor—Hans A. Hansson, 1749 Grove St., Berkeley. $5200

DWELLINGS
(1543) NO. 2023, 2027 and 2031 WOOLsey, Berkeley. Three one-story 5-room dwellings.
Owner—Chas. Dull, Berkeley.
Architect—None.
Contractor—John E. Bigelow, 2234 Atherton St., Berkeley. $3400 each

DWELLING
(1544) NO. 1434 FRANCISCO, Berkeley. One-story 5-room dwelling.
Owner—J. W. Grow, 2006 Dwight Way, Berkeley.
Architect—None. $3500

LIBRARY
(1545) NO. 125 UNIVERSITY AVE., Berkeley. One-story frame and stucco library.
Owner — Roy O. Long, 2114 Shattuck Ave., Berkeley.
Architect—None. $14,000

DWELLING
(1546) 3109 EASTMAN AVE., Oakland. 1-story 4-room dwelling.
Owner—A. T. Cornwall.
Architect—None.
Contractor—L. E. Van Ness, 2536 Hopkins St., Oakland. $2000

DWELLING
(1547) 2555 FOURTEENTH AV., Oakland. 1-story 4-room dwelling.
Owner—Bell G. Arnest, 1231 E-19th St., Oakland.
Architect—None.
Contractor—T. A. Stanley, 1748 23rd Ave., Oakland. $3800

DWELLING
(1548) 1701 WELLINGTON AVE., Oakland. 1-story 6-room dwelling.
Owner—Allan Johnson, 2219 E-27th St., Oakland.
Architect—None. $4000

ALTERATION & ADD.
(1549) 2908 TELEGRAPH, Oakland. Alteration & add.
Owner—J. P. Callaghan, premisea.
Architect—None.
Contractor—McWethy & Greenleaf, 505 17th St., Oakland. $15,000

DWELLINGS
(1550) 370 & 410 FLORIDA, Oakland. 2 1-story 5-room dwellings.
Owner—A. E. Clark, 2510 E-21st St., Oakland.
Architect—None.
Contractor—Alder & Clark, 2510 E-21st St., Oakland. $4000 each

OFFICE & CAFETERIA
(1551) NW COR. JONES AVE. & S. P. R.R., Oakland. 1-story office and cafeteria bldg.
1-story locker room.
Owner—Nielsen Packing Co., 16 Calif. St., San Francisco.
Architect—None.
Contractor—West Coast Const. Co., 519 Calif. St., San Francisco. $8000

GARAGE
(1552) E MADISON 100 N 15th St., Oakland. 1-story tile garage.
Owner—J. C. Cannon, Syndicate Bldg., Oakland.
Architect—None.
Contractor — F. A. Muller, Syndicate Bldg., Oakland. $1000

DWELLING
(1553) 744 GROVE ST., Oakland. 1-story 7-room dwelling.
Owner—Mrs. A. M. Barnett, 172 E-8th St., Oakland.
Architect—None.
Contractor — W. C. Constable, 3306 School St., Oakland. $5480

DWELLING
(1554) 4331 WALNUT AVE., Oakland. 1-story 5-room dwelling.
Owner—S. E. Emblison, 2700 High St., Oakland.
Architect—None.
Contractor—E. C. Sydes, 3015 Minna Av. Oakland. $4500

DWELLING
(1555) 1028 ARLINGTON, Oakland. 1-story 5-room dwelling.
Owner—H. Elmer Johnson, 644 Woodland Ave., San Leandro.
Architect—None. $3500

DWELLING
(1556) 552 MIRA VISTA AVE., Oakland. 2-story 6-room dwelling.
Owner—Oscar W. Meyers, 3829 Clark St., Oakland.
Architect—None. $5000

ALTERATIONS
(1557) S TWELFTH ST. 100 E-Clay St. Oakland. Alterations.
Owner—Blake Estate, 12th & Washington, Oakland.
Architect—None.
Contractor—J. F. Maganini, 603 36th St. Oakland. $4000

DWELLING
(1558) 1536 MITCHELL ST., Oakland. 1-story 3-room dwelling.
Owner—V. Buzair, premises.
Architect—None.
Contractor—F. A. Kurtz, 711 54th St., Oakland. $2235

DWELLING
(1559) 3022 FRUITVALE AVE., Oakland. 1-story 5-room dwelling.
Owner—August Vlerick, 2918 Fruitvale Ave., Oakland.
Architect—None. $3000

DWELLING
(1560) 3314 THIRTY-EIGHTH AVE., Oakland. 2-story 3-room dwelling.
Owner—L. C. Owens, 3314 38th Ave., Oakland.
Architect—None. $1500

DWELLING
(1561) PTN. LOT 7 CROCKER TERrace, Piedmont. Tile work for a 2-story dwelling and garage.
Owner—Arthur C. Tasheira, Oakland Bank of Savings Bldg., Oakland.
Architect—Sidney B. & Noble Newsom, Nevada Bank Bldg., S. F.
Contractor—Rigney Tile Co., 2148 Telegraph Ave., Oakland.
Filed Mar. 30, 1923. Dated Mar. 20, 1923.
Half completed $211.75
Completed and accepted..... 211.75
Usual 35 days 140.50
TOTAL COST, $565
Bond, Sureties, none; Forfeit, $5 day; Limit, without delay; Plans and specifications filed.

(1562) PAINTING ON ABOVE.
Contractor—R. Zelinsky, 693 Mission St., San Francisco.
Filed Mar. 30, 1923. Dated Mar. 20, 1923. Payments same as above.
TOTAL COST, $1451
Bonds, Sureties, Forfeit, Limit, Plans and Specifications, none.

(1563) LATHING AND PLASTERING on above.
Contractor—Chas. D. Emery, 551 41st St., Oakland.
Filed Mar. 30, 1923. Dated Mar. 20, 1923.
Brown coated $354
Completed and accepted 354
Usual 35 days 237
TOTAL COST, $945
Bonds, Sureties, Forfeit, Limit, Plans and Specifications, none.

(1564) ELEC. WORK ON ABOVE.
Contractor—Roberts Manufacturing Co. 2270 Broadway, Oakland.
Filed Mar. 30, 1923. Dated Mar. 20, 1923.
Roughed in $161
Completed and accepted 161
Usual 35 days 108
TOTAL COST, $430
Bonds, Sureties, Forfeit, Limit, Plans and Specifications, none.

(1565) PLUMBING AND SEWERING on above.
Contractor—W. H. Picard, 5656 College Ave., Oakland.
Filed Mar. 30, 1923. Dated Mar. 20, 1923.
Roughed in $771.75
Completed and accepted 771.75
Usual 35 days 514.50
TOTAL COST, $2058
Bonds, Sureties, Forfeit, Limit, Plans and Specifications, none.

(1566) EXCEPT BRICK, LATHING, plastering, tile, electric, plumbing, painting, papering, heating, finish hardware, electric fixtures, hardwood floors, and shades on above.
Contractor — A. Cederborg, 1445 Excelsior Blvd., Oakland.
Filed Mar. 30, '23. Dated Mar. 20, '23.
Frame up $2900
Brown coated 2900
Completed 2900
Usual 35 days..... 3072
TOTAL COST, $11,772
Bond, none. Limit, none. Forfeit, $10. Plans and specifications filed.

(1567) BRICK WORK ON ABOVE.
Contractor—Martin Back, 3825 Allendale St., Oakland.
Filed Mar. 30, '23. Dated Mar. 20, '23.
One-half completed.....$668
Completed 668
Usual 35 days..... 446
TOTAL COST, $1782
Bond, none. Limit, without delay. Forfeit, $5. Plans and specifications filed.

DWELLING
(1568) NO. 3478 WOODRUFF AVE., Oakland. One-story 5-room dwlg.
Owner—Chas. H. Burch, 1006 Jefferson St., San Francisco.
Architect—None.
Contractor — W. E. Arkisson, 3496 Woodruff Ave., Oakland. $3700

DWELLING
(1569) DIMOND ACRES, Oakland. One-story 3-room dwelling.
Owner—J. W. Cates, Premises.
Architect—Nonee. $1500

DWELLING
(1570) W BATES ROAD 85 E Holman Road, Oakland. One-story 6-room dwelling.
Owner—W. J. Baker, 2255 Ransome Ave., Oakland.
Architect—None. $5000

DWELLINGS
(1571) W MAPLE 40, 75 and 110 N Florida, Oakland. Three one-story 5-room dwellings.
Owner—C. J. Ernst, 2219 Hopkins St., Oakland.
Architect—None. $3000 each

ADDITION
(1572) NO. 759 SANTA RAY AVE., Oakland. Addition.
Owner—Mrs. Fogg, Premises.
Architect—None.
Contractor—Alfred Petersen, 3918 Linwood Ave., Oakland. $2400

ADDITION
(1573) NO. 944 E-FOURTEENTH ST., Oakland. Addition.
Owner—Joseph Parker, premises.
Architect—None. $6000

DWELLING
(1574) NO. 2543 WAKEFIELD AVE., Oakland. One-story 5-room dwlg.
Owner—A. Forbes, 2229 E-21st St., Oakland.
Architect—None.
Contractor—G. Watkins, 2151 E-24th St., Oakland. $3000

DWELLING
(1575) NW LAWTON AND MENDOcino Ave., Oakland. Two-story 9-room dwelling.
Owner — Henrietta Margaret Revert. 5549 Lawton Ave., Oakland.
Architect—None.
Contractor—H. C. Pfrang, 5659 Ocean View Drive, Oakland. $15,000

DWELLING
(1576) NO. 1542 AND 1534 BEVERLY Place, Berkeley. Two one-story 5-room dwellings.
Owner—A. H. Pallen, 686 31st St., Oakland.
Architect—None. $3500 each

DWELLING
(1577) NO. 1734 TACOMA, Berkeley. Two-story 7-room dwelling.
Owner—J. C. Lynch, 822 San Carlos St., Berkeley.
Architect—None.
Contractor—J. H. Herman, 811 Carmel Ave., Berkeley. $4000

DWELLING
(1578) NO. 1151 WALNUT, Berkeley. One-story 5-room dwelling.
Owner—P. E. Marquis, 2045 Shattuck Ave., Berkeley.
Architect—None. $3200

DWELLING
(1579) NO. 3048 STANTON, Berkeley. One-story 5-room dwelling.
Owner—E. Stout, 443 Moss Ave., Okd.
Architect—None.
Contractor—C. T. Stout, 443 Moss Ave., Oakland. $3000

ALTERATIONS
(1580) NO. 2029 CHANNING WAY, Berkeley. Alterations.
Owner—Grocers Baking Co., Premises.
Architect—None.
Contractor—F. P. Bowers & Son, 1811 Addison St., Berkeley. $1100

DWELLING
(1681) NO. 1213 PERALTA, Berkeley. One-story 5-room dwelling.
Owner—Geo. H. Fox, 1362 Hearst Ave., Berkeley.
Architect—None.
Contractor—Fox Bros., 1814 Hearst Ave., Berkeley. $2200

DWELLING
(1582) NO. 3047 LEE, Berkeley. One-story 6-room Class C dwelling.
Owner—Frawley, Smltb & Caston, Pheland Bldg., San Francisco.
Architect—None. $3600

DWELLING
(1583) 3117 EASTMAN AVE., Oakland. 1-story 5-room dwelling.
Owner—G. H. Harding, 2742 Derby St., Berkeley.
Architect—None.
Contractor—N. B. Clarke, 3233 E-14th St., Oakland. $3000

ADDITION
(1584) 5002 TELEGRAPH AVE., Oakland. Addition.
Owner—F. E. Blanchard, premises.
Architect—None.
Contractor—Hauri & Wierk. $4300

DWELLING
(1585) 3484 WOODRUFF AVE., Oakland. 1-story 5-room dwelling.
Owner—R. L. Kimball, 962 61st St., Okd
Architect—None.
Contractor—N. E. Adkisson, 3496 Woodruff Ave., Oakland. $3500

DWELLING
(1586) 2206 SIXTY-FIRST AVE., Oakland. 1-story 5-room dwelling.
Owner—R. F. Bguhl, 6225 Harmon Ave. Oakland.
Architect—None
Contractor—O. H. Butz, 1315 66th St Berkeley. $3500

DWELLING
(1587) 3816 NEVIL ST., Oakland. 1-sto. 5-room dwelling.
Owner—Beesie Clarke, 3421 E-8th St., Oakland.
Architect—None.
Contractor—N. B. Clark, 3233 E-14th St. Oakland. $3000

ALTERATION
(1588) N THIRTY-SECOND ST. 130 E Magnolia, Oakland. Alterations and Addition.
Owner—Mrs. Jos. White, 917 Broderick St., San Francisco.
Architect—None.
Contractor—Jos. A. White, 1631 Edith St., Berkeley. $1500

DWELLING
(1589) 3812 FRUITVALE AVE., Oakland. 1-story 5-room dwelling.
Owner—Elser & Carlson, 3300 Fruitvale Ave., Oakland.
Architect—None. $3500

ALTERATION
(1590) 1239 E-FOURTEENTH ST., Oakland. Alteration.
Owner—R. Fenner, 711 Washington St., Oakland.
Architect—None.
Contractor—W. J. Daly, 1300 E-14th St., Oakland. $1000

DWELLING
(1591) 4712 TOMPKINS AVE. Oakland 1-story 4-room dwelling.
Owner—A. E. Lofgran, 4925 Daisy St., Oakland.
Architect—None. $2000

ALTERATION
(1592) N THIRTY-SECOND 75 E Magnolia, Oakland. Alter. & Add.
Owner—Mrs. Joseph White, 917 Broderick St., San Francisco.
Architect—None.
Contractor—Jos. A. White, 1637 Edith St., Berkeley.

ALTERATION
(1593) 718-20 WASHINGTON ST, Oakland. Alteration.
Owner—Gee Sang Co., 415 9th St., Okd
Architect—None.
Contractor—Oakland Refrigerator and Butcher Supply Co., 2766 Grove St Oakland. $2000

ALTERATION
(1594) 459 SIXTY-FIFTH ST., Oakland. Alterations.
Owner—Geo. W. Hughes, 6610 Whitney St., Oakland.
Architect—None.
Contractor—Hauri & Wierk, 822 56th St., Oakland. $1850

DWELLING
(1595) E MASONIC AVE & ST. PAULS Court, Oakland. 2-story 6-room dwelling.
Owner—M. Sehoonmaker, 1915 Broadway, Oakland.
Architect—None.
Contractor—A. Olson & Nelsen, 2114 E-30th St. ,Oakland. $5700

WAREHOUSE
(1596) E-FORTY-SEVENTH AVE. 200 S E-14th St., Oakland. 2-story conc. warehouse.
Owner—Westgate Metal Products Co., premises.
Architect—None.
Contractor—Chas. M. Gompertz, Mills Bldg., S. F. $17,000

STORE
(1597) SE COR. NINETEENTH AND Franklin Sts., Oakland. 1-sto. store building.
Owner—Mrs. E. Herron.
Architect—None.
Contractor—Wm. Knowles, Central Bk. Bldg., Oakland. $35,000

HALL
(1598) E GRAND ST. 137-6 S Santa Clara Ave. S 70 E 256-6, Alameda 1-story frame hall.
Owner—Rector Church Wardens & Vestrymen of Christ Church, Grand St. and Santa Clara Ave., Alameda.
Architect—W. H. Crim Jr. and Hamilton Murdock, 425 Kearny St., S. F. and Syndicate Bldg., Oakland.
Contractor — John Curletto & Mario Bacigalupi, 1020½ Taylor Ave., Ala.
Filed April 2, 1923. Dated Mar. 30, 1923.
Frame up $1250
Shingle siding completed..... 1250
Completed and accepted 1100
Usual 35 days 1150
TOTAL COST. $4750
Bond, 2500; Sureties, A. Ghiglione and Domingo Parodi; Forfeit, $5.00 day; Limit, 50 days; Plans and specifications filed.

FACTORY & WHSE
(1599) SW COR SIXTY-FOURTH AND Doyle Sts., W 250 S 107 Emeryville. Excavation, Conc., carpentry, sheet metal, plumbing for class C factory and warehouse.
Owner—Detroit Steel Products Co., 251 Kearny St., S. F.
Architect—Washington J. Miller, 417 Market St., San Francisco.
Contractor—Adam Arras & P. F. Speldel (Adam Arras Co.), 185 Stevenson St., San Francisco.
Filed April 2, 1923. Dated Mar. 28, 1923.
Each 15 days.....75%
36 days after.....25%
TOTAL COST. $14,023
Bond, $14,023; Sureties, Fidelity & DepositCo.; Forfeit, $50.00; Limit, 50 days; Plans and specifications filed.

DWELLING
(1600) NO. 2510 BENVENUE, Berkeley. One-story 4-room dwlg.
Owner—Mrs. S. Vernier.
Architect—None.
Contractor—H. J. Hawkins, 2137 Essex St., Berkeley. $2300

SUN ROOM
(1601) NO. 100 TUNNEL ROAD, Berkeley. Sun room.
Owner—C. Mattern, Premises.
Architect—None.
Contractor — Walter Sorensen, 3221 Ellis St., Berkeley. $1300

ADDITION
(1602) NO. 1810 MARIN AVE., Berkeley. Addition.
Owner—Nelson.
Architect—None.
Contractor—G. Johanson, 1357 Northside, Berkeley. $1000

DWELLING
(1603) NO. 1137 PARKER ST., Berkeley. One-story 4-room dwelling
Owner—Jsak Heinonen, 1077 Pardee St., Berkeley.
Architect—None. $1500

APARTMENTS
(1604) MILVIA ST. & UNIVERSITY Ave., Berkeley. Two-story brick stores and apartments.
Owner—D. Quill, 1915 Berkeley Way, Berkeley.
Architect—None.
Contractor—Murphy F. Hamilton, 825 Santa Fe Ave., Berkeley. $21,500

DWELLING
(1605) S CLEVELAND AVE 160 W Athol, Oakland. One-story 5-room dwelling.
Owner—M. Fay Coughlin, 2704 Virginia St., Beerkeley.
Architect—None.
Contractor—Williams & Wastell, American Bank Bldg., Oakland. $4000

DWELLING
(1606) NO. 6207 FOOTHILL BLVD., Oakland. One-story 4-room dwelling and store.
Owner—J. Ahart, 993 61st St., Oakland
Architect—None. $1900

SHED
(1607) E NINETENTH AVE 600 S S. P. Tracks, Oakland. Pattern shed.
Owner—Atlas Gas Engine Co., Prem.
Architect—None.
Contractor—H. J. Christensen, 505 17th St., Oakland. $4000

ALTERATIONS
(1608) NO. 1241 EIGHTY-FIRST AVE., Oakland. Alterations.
Owner—Mrs. Mary Colt, Premises.
Architect—None.
Contractor—J. F. Brown, 1920 Seminary Ave., Oakland. $1300

DWELLING
(1609) NO. 1351 EXCELSIOR AVE., Oakland. One-story 6-room dwlg.
Owner—Chas. F. Brown, 1707 Broadway, Oakland.
Architect—None.
Contractor—A. Stenbro, 1707 Broadway, Oakland. $3500

DWELLING
(1610) E SIXTY-THIRD AVE 300 N Trenor, Oakland. One-story 5-room dwelling.
Owner—H. H. Julien, 565 18th St., Okd.
Architect—None. $3000

DWELLING
(1611) SE WALNUT AND MADERA, Oakland. Two-story 7-room dwlg.
Owner—C. M. Costa, % Valley Creamery, Oakland.
Architect—None.
Contractor—J. W. Merritt, 6122 Mills St., Oakland. $4500

DWELLING
(1612) E THIRTEENTH AVE 105 S E-28th, Oakland. Two-story 5-room dwelling and store.
Owner—Albert Shubert, 1326 E-23rd St., Oakland.
Architect—None.
Contractor—F. E. Allen, 2718 Regent St., Oakland. $4800

DWELLING
(1613) NO. 1084 LAKESHORE AVE., Oakland. One-story 6-room dwlg.
Owner—George Ernst, 4351 Howe St., Oakland.
Architect—None. $5000

DWELLING
(1614) NO. 2010 EIGHTEENTH AVE., Oakland. One-story 4-room dwlg.
Owner—Mrs. M. Miller, 705 25th Ave., San Francisco.
Architect—None.
Contractor—A. Hebel, 4061 Whittle Ave., Oakland. $2800

DWELLING
(1615) NO. 1043 EIGHTY-EIGHTH Ave., Oakland. One-story 5-room dwelling.
Owner—V. L. Hemenway, General Delivery, Oakland.
Architect—None. $2500

DWELLING
(1616) NO. 5300 WENTWORTH, Oakland. One-story 6-room dwelling.
Owner—A. Larson.
Architect—None.
Contractor—John O. Weston, 1731 Dwight Way, Berkeley. $4000

DWELLING
(1617) NO. 2221 NINTH AVE., Oakland. One-story 3-room dwelling.
Owner—H. D. Bacon, 2226 Buena Vista Ave., Alameda.
Architect—None.
Contractor—S. V. Le Feure, 8001 Ney Ave., Oakland. $2175

DWELLING
(1618) NO. 2525 DELMER, Oakland. One-story 5-room dwelling.
Owner — P. C. Myers, 3481 Champion St., Oakland.
Architect—None.
Contractor—B. M. Brown, 640 18th St., Oakland. $3000

DWELLING
(1619) NO. 4117 LYON AVE., Oakland. One-story 5-room dwelling.
Owner—Brown & Stenbro, 1707 Broadway, Oakland.
Architect—None. $3000

DWELLING
(1620) NO. 5370 BELGRAVE, Oakland One-story 6-room dwelling.
Owner—C. J. Pfrang, 480 Forest St., Oakland.
Architect—None. $6000

ALTERATIONS
(1621) NO. 529 FOURTEENTH ST., Oakland. Alterations.
Owner—Moss Glove Co.
Architect—None.
Contractor—Louis Kragen, 661 Golden Gate Ave., San Francisco. $1750

FACTORY
(1622) E LINDEN bet. First and Third Sts., Oakland. Al work for one and two-story concrete, brick and frame factory.
Owner—California Packing Corp., 101 California St., San Francisco.
Architect—Philip L. Bush, 101 California St., San Francisco.
Contractor—H. J. Christensen, 505 17th St., Oakland.
Filed Apr. 3, '23. Dated Jan. 4, '23.
Concrete foundations in place..$ 550
Concrete floor in..... 2000
Brick wall truss high..... 2000
Roof and monitors in place.... 4000
Completed and accepted..... 4600
36 days after..... 4400
TOTAL COST, $17,550
Bond, $8775. Surety, Globe Indemnity Co., Forfeit, 50; Bonus, $50. Limit, 45 days. Plans and specifications none.

BUILDING
(1623) LOT 18 BLK "F" Lake Park, Piedmont. Building.
Owner—W. M. Jones, Oakland.
Architect—None.
Contractor—Charles W. Falk, 536 Pacific Ave., Oakland.
Filed Apr. 3, '23. Dated Mar. 26, '23.
Frame up ..... ¼
Plastered ..... ¼
Completed ..... ¼
Usual 35 days..... ¼
TOTAL COST, $4400
Bond, limit, forfeit, plans and specifications, none.

ADDITION
(1624) NO. 1110 GRAND ST., Alameda. Addition.
Owner—P. Jordan, Premises.
Architect—None.
Contractor—H. Andresen, 1229 Pearl St., Alameda. $1200

FLATS
(1625) NO. 2137-39 CENTRAL AVE., Alameda. Two-story 12-room flats.
Owner—F. J. Theile and S. F. Walthall
Architect—None.
Contractor—F. J. Theile, 2905 Madison St., Alameda. $13,000

ALTERATIONS
(1626) SE ENCINAL AND CHESTNUT Sts., Alameda Alterations.
Owner—Mrs. J. M. Ansel, 2004 Encinal Ave., Alameda.
Architect—None.
Contractor—Samuel Lee, 2008 Encinal Ave., Alameda. $1000

APARTMENTS
(1627) NO. 1527-29 EVERETT ST., Alameda. Two-story 17-room apartments.
Owner—L. Camales, 2433 Webb Ave., Alameda.
Architect—None.
Contractor—C. Froling. $11,000

DWELLING
(1628) NO. 1511 SHERMAN ST., Alameda. One-story 6-room dwelling.
Owner—Sara E. Neam.
Architect—None.
Contractor—H. L. Hewitt, 1801 Delaware St., Berkeley. $4000

DWELLING
(1629) NO. 1111 FOUNTAIN ST., Alameda. One-story 5-room dwelling.
Owner—S. Arada.
Architect—None.
Contractor—T. Arada, 861 Oak St., Alameda. $2000

DWELLING
(1630) UNION ST. AND LINCOLN AV., Alameda. One-story 5-room dwlg.
Owner—J. L. Rankin, Claremont and College Aves., Berkeley.
Architect—None. $4000

DWELLINGS
(1631) NO. 1709-11-13 BROADWAY, Alameda. Three one-story 5-room dwellings.
Owner—Karl Van Neil.
Architect—None.
Contractor—J. B. Sircy, 2315 Alameda Ave., Alameda. $3400 ea

DWELLING
(1632) NO. 2822 SAN JOSE AVE., Alameda. One-story 5-room dwelling.
Owner—Collie Buck, 1218 College Ave., Alameda.
Architect—None.
Contractor — Howard Williford, 3265 Central Ave., Alameda. $3850

DWELLING
(1633) NO. 840 EUCLID AVE., Berkeley. One-story 6-room dwlg.
Owner—A. D. Whearty, 45 Henery St., San Francisco.
Architect—None. $5000

DWELLINGS
(1634) NO. 1605 & 1601 BELVEDERE St., Berkeley. Two one-story 4-room dwellings.
Owner—Cragmont Land Co.
Architect—None.
Contractor—Ben Pearson, 2403 Grant St., Berkeley. $2700 each

DWELLING
(1635) NO. 2828 CLAREMONT AVE., Berkeley. Two-story 8-room dwlg
Owner—Charles S. Dodge, Hillegass Ct. Apartments, Berkeley
Architect—None.
Contractor—Marshall & Paige, 18 Tanglewood Drive, Berkeley. $9000

DWELLING
(1636) NO. 2546 REGAL ROAD, Berkeley. One-story 4-room dwlg.
Owner—H. H. Gastman, 1263 Euclid Ave., Berkeley.
Architect—None. $3000

DWELLING
(1637) NO. 2326 SIXTH ST., Berkeley. One-story 5-room dwelling.
Owner—Chas. A. Werner, 2416 10th St., Berkeley.
Architect—None. $2000

DWELLING
(1638) NO. 1969 MARIN ST., Berkeley. One-story 6-room dwelling.
Owner—Harry Ahnefeld, 2123 Parker St., Berkeley.
Architect—None. $5000

DWELLING
(1639) 3900 THIRTY-FIFTH AVE., Oakland. 1-story 3-room dwelling.
Owner—Thos. R. White, premises.
Architect—None. $2000

ALTERATION & ADD.
(1640) S E-FOURTEENTH ST. 50 W 38th Ave., Oakland. Alteration and addition.
Owner — J. Malmick, 3745 E-14th St., Oakland.
Architect—L. F. Hyde, 2745 26th Ave., Oakland.
Contractor—A. B. Gow, 5668 Ayala St., Oakland. $8500

DWELLING
(1641) 5212 E-TENTH ST., Oakland 1-story 5-room dwelling.
Owner—A. Rocci, premises.
Architect—None.
Contractor—W. A. Morgan, 3702 Allendale Ave., Oakland. $3000

DWELLING
(1642) 746 FOURTY-FOURTH ST, Oakland. 1-story 3-room dwelling.
Owner—E. Rossi, 877 47th St., Oakland.
Architect—None. $1000

DWELLING
(1643) N DELMER ST. 218 W Laguna, Oakland. 1-story 5-room dwelling.
Owner—John A. Brett, 752 E-20th St., Oakland.
Architect—None. $3000

DWELLING
(1644) 6018 & 6012 HOLWAY ST., Oakland. 2 1-story 5-room dwellings.
Owner—K. A. Johanson, 2429 13th Ave., Oakland.
Architect—None. $2800 each

FLATS
(1645) S FORTIETH ST. 40 E Clark St., Oakland. 2 flat bldgs. and two garages.
Owner—S. Thornton.
Architect—None.
Contractor — California Builders Co., 1534 Franklin St., Oakland. $32,000

DWELLING
(1646) 2027 EIGHTY-THIRD AVE., Oakland. 1-story 6-room dwelling.
Owner—J. C. Pearce, 8906 E-14th St., Oakland.
Architect—None. $2500

OFFICE & DWELLING
(1647) 5540 FOOTHILL BLVD., Oakland. 2-story 10-room office and dwelling.
Owner—F. T. Malley, 900 Lakeshore Ave., Oakland.
Architect—None. $8000

DWELLING
(1648) 3110 NICOL AVE., Oakland. 1-story 4-room dwelling.
Owner—F. W. Borden, 5015 E-14th St., Oakland.
Architect—None.
Contractor—C. A. Shipman, 1437 69th Ave., Oakland. $1800

DWELLING
(1649) 5721 FLEMING AVE., Oakland. 1-story 5-room dwelling.
Owner—C. E. Burks, 4129 Randolph Av. Oakland.
Architect—None. $3000

DWELLING
(1650) E VALLA VISTA AVE. 200 S Sunnyslope, Oakland. 1-story 6-room dwelling.
Owner—W. W. Welch, 651 Kenilworth Ave., San Leandro.
Architect—None. $3600

DWELLING
(1651) S BROOKDALE AV. 450 E 38th Ave., Oakland. 1-story 4-room dwlg.
Owner—J. P. Lezueira, 1116 Chestnut St., Oakland.
Architect—None.
Contractor—A. V. Dutra, 962 55th St., Oakland. $3200

DWELLING
(1652) 605 FORTY-SIXTH ST., Oakland. 1-story 5-room dwelling.
Owner—E. Mezzano, premises.
Architect—None.
Contractor—Cisero & Ralneri, 458 42nd St., Oakland. $3000

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded

Mar. 29, 1923—E ADELINE 81-3 from 21st St., Oakland. P E Bayard to E D Castle.....Mar. 1, 1923
Mar. 29, 1923—NO. 3720 LYON AVE., Oakland. J Drost to whom it may concern.....Mar. 29, 1923
Mar. 29, 1923—W THIRTY-EIGHTH Ave 80.97 S Lyon Ave 34x110, Oakland. J W Sigwald to whom it may concern.....Mar. 29, 1923
Mar. 29, 1923—W THIRTY-EIGHTH Ave 114 S Lyon Ave. 32x110, Oakland. J W Sigwald to whom it may concern.....Mar. 29, 1923
Mar. 29, 1923—NE SEVENTY-THIRD Ave and Lockwood St., Oakland. Nellie Foster to Johnson & Winther .....Mar. 29, 1923
Mar. 30, 1923—FRUITVALE, Oakland. Southern Pacific Co to Hutchinson Co.....Mar. 25, 1923
Mar. 30, 1923—OAKLAND PIER, Oakland. Southern Pacific Co to Hutchinson Co.....Mar. 23, 1923
Mar. 30, 1923—LOTS 3 AND 4 BLK "T" Map Laurel Grove Park, Oakland. Johanna Lowe to W C Constable.....Mar. 28, 1923
Mar. 30, 1923—NO. 2412 CENTRAL Ave (rear), 30x50, Alameda. C J Bonnemazon to George A Williams .....March 3, 1923
Mar. 30, 1923—LOT 4 and Ptn Lot 3 Blk "D" Lakeshore Terrace, Oakland. Bernard Silverstein to Jas L Rich.....Mar. 30, 1923
Mar. 30, 1923—N TAYLOR AVE 171-9½ E Page E 34xN 140, Alameda. J E Riete to whom it may concern .....March 16, 1923
Mar. 31, 1923—S WELD 325 E 73rd Ave, Oakland. Clarence A Shipman to whom it may concern. Mar 1, 1923
Mar. 31, 1923—E SEVENTY-THIRD Ave 1150.50 N E-14th, Oakland. Clarence A Shipman to whom it may concern.....Mar. 30, 1923
Mar. 31, 1923—E FIFTIETH AVE 150 S Bond S 25xE 110, Oakland. Mrs. Charlotte Chase to Ernest T Matteson.....March 31, 1923
Mar. 31, 1923—COR. JEAN ST. AND Grand Ave., Oakland J J Moyer Mervin P Rose.....Mar. 31 1923
April 2, 1923—CLINTON STATION, Oakland. Southern Pacific Co to Hutchinson Co.....Mar. 24, 1923
April 2, 1923—PARK ST. AND Blanding Ave., Alameda. Southern Pacific Co to Hutchinson Co. .....March 24 1923
April 2, 1923—PTN PLOT "F" Undivided Mountain or Hill Land V & D Peralta, Oakland P G & E Co to MacRorie-McLaren Co.....March 24, 1923
April 3, 1923—PTN BLK 74 Hickeys Map of Clinton, Oakland. E E and Myrtle Ferrier to whom it may concern.....March 31, 1923
April 3, 1923—NE HENRY & VINE Berkeley. Lydia A Blethroad to D T Blethroad.....April 3, 1923
April 3, 1923—LOT 24 and SW 7½ Lot 23 Blk 1, Map Allendale Tract, Oakland. Harley E Richardson to Barr & Son.....April 3, 1923
April 4, 1923—NO. 77 ELEVENTH ST Oakland. C A Weck to Harry C Knight.....Feb. 26, 1923
Apr 4, 1923—LOT 13 Sheffield Heights Tract, Oakland. C H Brown to whom it may concern. Mar. 24, 1923
April 4, 1923—LOT 19 BLK 20, North Cragmont, Berkeley. H H Gastman to whom it may concern.....March 30, 1923

April 4, 1923—PTN LOT 8 Part "A" Map Sbdvn Bowman Tract, Piedmont. H M Swalley to whom it may concern.....April 4, 1923
April 4, 1923—NO. 1509 BEVERLY Place, Albany. R B Church to Harry Ahnefeld.....April 4, 1913
April 4, 1923—LOT 6 BLK 13 Amended Map Oakridge Park, Berkeley. Thomas C Haven to E Tranmal and C O Bradhoff.....Mar. 29, 1923
April 4, 1923—NW DELAWARE ST. and McGee Ave W 50xN 60, Berkeley. Fannie M Arthur to Chas E Arthur.....Mar. 22, 1923

LIENS FILED

ALAMEDA COUNTY

Recorded Accepted

Mar. 30, 1923—NE E-EIGHTEENTH and SE Park Blvd, SE 165xNE 100, Oakland. George W Spencer (Spencer Elevator Co) vs Dimitrios P Kalitsas Louisa Kalitsas and George A William.....$932.19
April 2, 1923—LOTS 28 AND 29 BLK "N" Map Fruitvale Tract, Oakland. K H Seeman vs Walter L Glimm and R O McCline.....$86.40
April 2, 1923—NO. 2414 CENTRAL Ave. Alameda. Frederick Wills vs Annette Calou & Geo Williaams.$207

Notice of Non Responsibility

ALAMEDA COUNTY

April 2, 1923—LOT 125 Resbdvn Blks A and B Meek Estate Orchards, Eden Tp. H W Meek Estate Inc as to improvements on property...

OAKLAND BUILDING TOTALS FOR MARCH, 1923

Classification of Buildings	No. of Permits	Cost
1-story dwellings.....	388	$1,263,183
1-story 2-fmly dwelling	5	28,500
1-story 8-fmly dwelling	1	8,000
1-st dwelling & stores	4	15,000
2-story dwellings.....	25	175,709
2-story flats.....	8	78,295
2-story flats & stores...	1	6,000
2-story apartments.....	9	122,480
2-story aparts. & stores	3	31,500
3-story apartments.....	3	121,000
1-story stores.....	7	24,830
1-story office.....	5	1,475
1-st office & cafeteria..	1	5,000
1-story lavatory.....	3	4,400
1-story factory.....	2	19,840
1-st compressor bldg...	1	800
1-story theatre.....	1	5,000
1-story church.....	1	8,500
1-story planing mill...	3	8,400
1-story warehouse.....	1	3,000
1-story shop.....	3	1,250
1-story tile garage.....	9	6,692
1-story tile factory	1	10,000
1-story tile bakery.....	1	960
1-story oxide plant....	1	10,000
1-story tile storeroom.	1	100
1-st brick service stn..	1	950
1-st brick storage shed	2	8,000
1-st brick display room	1	10,000
1-st brick stores.....	3	32,160
2-st brick apartments.	1	38,000
2-st brick apts. & stores	1	15,000
1-st brick & conc bank	1	40,000
1-st concrete laundry..	1	7,000
1-st conc smoke house	1	75
1-st concrete store.....	1	7,360
1-st concrete garage...	1	435
2-st conc & tile bank...	1	75,000
2-st concrete school....	1	76,066
1-st steel service stn...	2	2,400
1-st steel comfort stn..	1	700
2-st stl corroding plant	1	85,000
1-st garages & sheds...	247	47,870
Electric signs.....	25	7,550
Marquee	1	100
Roof signs.....	2	1,400
Additions	107	97,928
Alterations & repairs..	124	72,180
Total	1011	$2,581,989
Total for month of March, 1922	732	1,925,577

BUILDING CONTRACTS

FRESNO COUNTY

$5,000 and Over Reported

APARTMENT HOUSE, $14,000; No. 103 Olive Ave. Fresno; owner, Blackwell Bldg. Corp., Trust Co. Bldg., Fresno; contractor, S. L. Allen, 530 Fortheamp Ave., Fresno.
DWELLING, $4700; No. 1604 Olive Ave., Fresno; owner, W. L. Hills, 280 Clark St., Fresno; contractor, Fisher & McNulty, Mattel Bldg., Fresno.

COMPLETION NOTICES

FRESNO COUNTY

Mar. 28, 1923—LOTS 23 AND 24 BLK 7, Fresno. G A Berry to whom it may concern.....Mar. 26, 1923
Mar. 29, 1923—FRESNO GAS PLANT, Fresno. Pacific Gas & Electric Co to whom it may concernMar. 26, 1923
Mar. 29, 1923—LOT 32 E ½ LOT 37 Blk 7, Torrance Terrace, Fresno. E D Guynn to whom it may concern.....March 28, 1923
Mar. 29, 1923—LOTS 31 AND 32 BLK 2 High Addition, Fresno. J A Schlotthauer to whom it may concern.....March 28, 1923
Mar. 29, 1923—W 42½ FT. LOT 6 BLK 8, Hazelwood. Jas C Morris to whom it may concern..Mar. 28, 1923
Mar. 29, 1923—W 60 FT. LOT 1, Meridian Heights, Fresno. Fred G Roth to whom it may concern... .....March 27, 1923
Mar. 29, 1923—PTN LOT 5, Weihe Home Tract. John L Greer to whom it may concern...Mar. 28, 1923
Mar. 30, 1923—LOTS 3 AND 4 BLK 11, Kleinhurst. Artie and B G Armour to whom it may concern.. .....Mar. 29, 1923
Mar. 30, 1923—LOTS 5 AND 6 BLK 1, Kings Orange Manor, Fresno. Jeraldine H Skerry to whom it may concern.....Mar. 29, 1923
Mar. 30, 1923—LOTS 3, 4 AND 5 BLK 4 Torrance Terrace, Fresno. C S Goodenough to whom it may concern.....Mar. 29, 1923
Mar. 30, 1923—LOTS 8 AND 9 BLK 17 Fourth Addition, Parlier. Paul G Galle to whom it may concern..... .....March 29, 1923
Mar. 31, 1923—W 50 FT OF S ½ of Lot 16, Normal Acres, Fresno. B R Nofziger to whom it may concern .....March 30, 1923
Mar 31, 1923—LOT 38 E ½ LOT 37 Blk 6, Torrance Terrace, Fresno. E D Guynn to whom it may concern... .....March 28, 1923
Mar. 31, 1923—LOTS 3 TO 8 N 46 Lot 9 Blk 4, Yosemite Addition, Fresno. Mrs. L A Puryear to whom it may concern.....March 30, 1923
Mar. 31, 1923—LOTS 6 AND 7 BLK 9, Roeding Addition, Fresno. Geo A Carey to whom it may concern .....March 30, 1923
April 2, 1923—LOTS 5 AND 6 BLK 51 East Fresno. H W Moore et ux to whom it may concern..Mar. 30, 1923

LIENS FILED

FRESNO COUNTY

Mar. 28, 1923—PTN OF W ¼ OF NW ¼ of SE ¼ of Sec. 1, 14-20, Fresno W H Nelson vs Mrs. Q. M Anderson and W B Dow.....$104
Mar. 28, 1923—PTN OF W ¼ OF NW ¼ of SW ¼ of Sec 1, 14-20, Fresno. C M Pendergraft vs Mrs. Q M Anderson and W B Dow.....$54
Mar 28, 1923—LOTS 14 AND 15 BLK 7, Torrance Terrace, Fresno. B C Froman vs L S Hicks.....$81
Mar. 28, 1923—LOTS 14, 15, 39 AND 40 Blk 7, Torrance Terrace, Fresno. Z J Montague vs C L Connacher and B G Townsend $168
Mar. 28, 1923—LOTS 6 TO 8 High Addition Annex No. 1, Fresno. L Rosenberg vs J L and Ella D Scott..$992
Mar. 28, 1923—PTN LOTS 6 TO 11 Blk 2, Normal View, Fresno. L. Rosenberg vs J J Wood.....$1172
Mar. 29, 1923—LOTS 21, 22 AND 23 Blk 23, Belmont Addition, Fresno. L Rosenberg vs C D Armstrong... .....$1425
Mar. 29, 1923—LOTS 24 AND 25 BLK 23, Belmont Addition, Fresno. L Rosenberg vs C D Armstrong...$229
Mar. 30, 1923—LOTS 5 TO 8 High Addition Annex No. 1, Fresno. Bingham-Wenks Planing Mill Co vs J L and Ella D Scott $370
Mar. 30, 1923—LOTS 5 AND 6 High Add'n Annex No. 1, Fresno. Miles Welliver vs E D Scott.....$162
Mar 30, 1923—NO. 4112 KERCKHOFF Ave., Fresno. C F Donahue vs J G Crichton $433
Mar. 31, 1923—LOT 2 BLK 11 Alta Vista Tract, Fresno. Arms & Gaskell Sales Co vs J G Crichton....$151
Mar. 31, 1923—LOT 2 BLK 11, Alta Vista Tct, Fresno. Barrett-Hicks Co vs W D MacLean and J G Crichton $760

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

$2,500 and Over Reported

DWELLING and garage, $4650; 1548 Lucerne St., Stockton; owner, Mrs. H. M. Dickman.
RESIDENCE, $5000; 1315 West Poplar St., Stockton; owner, A. B. Williw.
RESIDENCE, $4800; 457 West Walnut, Stockton; owner, Ed Bossi, 1131 W Vine St., Stockton.
RESIDENCE, $2850; 320 East Noble, Stockton; owner, C. W. Herod.
DWELLING and garage, $3500; 2125 East Washington St., Stockton; owner, A. J. McPhee, 730 Miner St., Stockton.
RESIDENCE, $2900; 1618 South Aurora Stockton; owner, F. La Mott McGregor.
RESIDENCE, $4750; 215 East Monterey; Stockton; owner, North Stockton Town Lot Co.
DWELLING, $5000; 826 West Oak St., Stockton; owner, P. Busalacchi, 31 E Channel St., Stockton.
LUMBER SHEDS, $8000; 50 North East Stockton; owner, Fisher Bros. Pl. Mill, 141 West Channel St., Stockton.
RESIDENCE, $7750; 1200 East Rose St., Stockton; owner, G. E. Davis, 1145 East Market St., Stockton.
RESIDENCE, $4500; 630 North Tuxedo, Stockton; owner, M. K. Kelly, 1407 W North St., Stockton.
RESIDENCE, $9000; 106 West Pine St., Stockton; owner, F. R. Zinck, 1920 N Center St., Stockton.
RESIDENCE, $7700; 1115 North Argonaut St., Stockton; owner, H. W. Stiles, 41 W North St., Stockton.
RESIDENCE, $3000; 430 West Walnut, Stockton; owner, Mrs. Ida Fabut, 39 S Hunter St., Stockton.
BASEMENT, $3000; 320 East Market St. Stockton; owner Mutual Investment Co., premises.
RESIDENCE, $3500; 560 South Horace St., Stockton; owner, C. A. Nelson, 930 W Willow St., Stockton.
RESIDENCE, $4900; 1925 North Center St., Stockton; owner, W. W. Williamson, 115 East Park St., Stockton.
RESIDENCES, 3, $3500 each; 2260, 2264, and 2268 S Sutter St., Stockton; Owner—G. H. Lambert, 1020 W Rose St., Stockton.
REMODEL, $5000, 45 South Hunter St., Stockton; owner, F. Podesto.
RESIDENCE, $3000; 512 W Pilgrim St., Stockton; owner, C. M. Andrews.
RESIDENCE, $2500; 813 East 3rd St.; Stockton; owner, B. W. Dixon, 519 Hunter St., Stockton.
RESIDENCE, $3000; 806 N San Jose St., Stockton; owner, Murphy & Heffernan, 35 East North St., Stockton.
RESIDENCES, 2, $3000 each; 1045 and 1047 West Flora St., Stockton; owner, Murphy-Heffernan, 35 E North St., Stockton.
RESIDENCE, $4150; 921 North Argonaut St., Stockton; owner, M. P. Burgess, 1136 S Hunter St., Stockton.
RESIDENCE, $2605; 1027 West Flora St., Stockton; owner, J. H. Weinske.
RESIDENCE, $2400; 722 East Third St., Stockton; owner, G. Salvation.
RESIDENCE, $3500; 839 East Sonoma, Stockton; owner C. E. Curnow, 1245 East Poplar St., Stockton.

BUILDING CONTRACTS

SACRAMENTO COUNTY

$2,500 and Over Reported

DWELLING, 1-story 5-room, $3000; 2301 24th St., Sacramento; owner, C. Madsen, 2518 C Sacramento; contractor, P. R. Peterson, 2410 V, Sacramento.
FLAT BLDG., 2-story, $4900; 1410 19th St., Sacramento; owner, E. D. Hansen, Broderick, Sacto.; contractor, C. Vanina, 2022 M St., Sacto.

DWELLING, 1-story, 5-room, and garage, $2500; 2188 Gerba Ave.; owner, H. C. Birdsall, 1530½ J St., Sacto.
DWELLING, 1-story 6-room, and garage, $2500; 3108 C St., Sacto; owner W. D. McKoy, 3029 E St., Sacto.; contractor, H. G. Birdsall, 1530½ J St., Sacto.
DWELLING, 1-story 4-room, and garage, $3500; 2924 E St., Sacto.; owner, H. D. Wilkinson, 2829 P St., Sacramento; contractor, W. B. Ladue, 2319 O St., Sacramento.
DWELLING, 1-story 5-room, and garage, $3880; 3108 D St., Sacto.; owner, Carmichael Col., 811 J St., Sacramento; contractor, L. F. Gould, 4500 Ventura Way, Sacto.
DWELLING, 1-story 4-room $2500; 2517 F St., Sacramento; owner, J. W. Johnston, 2000 I St., Sacto.
ALTER. & Repairs to flats, $4000; 1623 I St., Sacto.; owner, H. H. Perkins, 1623 I St., Sacramento; contractor, Holdener Const. Co., 2608 R St., Sacramento.
FLATS, 2-story 5-room, $8000; 827 24th St., Sacto.; owner, J. Hill; contractor, E. Winkleman, 2922 V St., Scto.
DWELLING, 1-story 5-room, and garage, $5500; 1117 37th St., Sacto.; owner, E. L. Roberts, 1411 34th St., Sacramento.
DWELLINGS, 6-room, and garage $5600 each; 3001 & 3005 I St., Sacto.; owner, C. Schoenbackler, 2901 K St., Sacramento.
DWELLING, 1-story 6-rooom, and garage, $3000; Sacramento; owner, I. A. Terrill, 2208 34th St., Sacto.; contractor, Paul Millspaugh, 3770 4th Ave., Sacramento.
DWELLING, one-story 5-room and garage, $3350; No. 1421 23rd St., Sacramento; owner, W. J. Taylor, 1215 17th St., Sacramento; contractor, F. P. Williams, 4440 San Benito St., Sacramento.
DWELLING, two-story 5-room and garage, $6719; No. 2005 22nd St., Sacramento; owner, E. Greaves, 2516 M Sts., Sacramento; contractor, A. E. Erickson, Motor B, Box 345, Sacramento.
DWELLING, one-story 5-room and garage, $3450; No. 849 Mission St., Sacramento; owner, F. M. Taylor, 1215 17th St., Sacramento; contractor, F. P. Williams, 4440 San Benito St., Sacramento.
DWELLING, one-story 5-room, $3100; No. 316 21st St., Sacramento; owner, A. Linfeldt, 322 O St., Sacramento; contractor, W. H. Holder, 2940 44th St., Sacramento.
DWELLING, one-story 5-room and garage, $3800; No. 864 Santa Ynez Way, Sacramento; owner, H. A. Ranlett, 1026 37th St., Sacramento; contractor, J. P. Howell, 1337 47th St., Sacramento.
DWELLING, one-story 5-room and garage, $2815; No. 357 Folsom Blvd., Sacramento; owner, S. N. Nelson, 3417 4th St., Sacramento; contractor, Martin & Sons, 1522 N St., Sacramento.
TWO dwellings, one-story 5-room and garage, $4000 each; No. 725 and 733 Santa Ynez Way, Sacramento; owner, L. J. Miller, 1414 38th St., Sacramento.
DWELLING, one-story 5-room and garage, $6000; No. 816 31st St., Sacramento; owner, Carrie P. Henderson, 914 T St., Sacramento; contractor, Herndon & Finnigan, 1814 17th St., Sacramento.
DWELLING, one-story 5-room and garage, $2700; No. 5108 J St., Sacramento; owner, F. Budmark, 206 W St., Sacramento.
DWELLING, one-story 6-room and garage, $4700; No. 3149 D St., Sacramento; owner, A. C. Coleman, 2624 35th St., Sacramento; contractor, Coleman & Holmes.
DWELLING, one-story 5-room and garage, $2750; No. 521 Twenty-second St., Sacramento; owner, J. J. Ruggles, 316 O St., Sacramento; contractor, W. H. Holder, 2940 41st St., Sacramento.
FLATS, 2-story, $6000; 1330 27th St., Sacramento; owner, E. A. Brogan, 1324 27th St., Sacramento.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Accepted
Mar. 30, 1923—NO. 3931 J ST., Sacramento. F M Siefer to whom it may concern.....Jan. 15, 1922
April 2, 1923—W J ST. to S H St. 333.82 ft. wide, Sacramento. Sisters of Mercy of Sacramento to whom it may concern.....Mar. 23, 1923

LIENS FILED

SACRAMENTO COUNTY

Recorded Amount
Mar. 28, 1923—LOTS 156 & W 15 FT. Lot 157 West Curtis Oaks Add., Sacramento. Cutler Mill & Lumber Co. vs. Margaret, Egge & Chas Peterson $841.92
Mar. 31, 1923—LOT 4, Terrace Villa. Sacramento. Superior Lumber & Fuel Co vs N H and Agnes I Bateman $926.16

BUILDING CONTRACTS

SAN MATEO COUNTY

BUNGALOW
LOT 10 BLK 6 HIGH SCHOOL ADD, So. San Francisco, Cal. all work for Bungalow.
Owner—Angelo Conziani, So. San Francisco.
Architect—None.
Contractor—P. Lauchere & J. B. Borelieu, South San Francisco.
Filed Mar. 28, 1923. Dated Mar. 21, 1923.
Ready to shingle.....$975
Brown coated 975
Completed and accepted 975
Usual 35 days 975
TOTAL COST, $3900
Bond, $1950; Sureties, Henry Knotle & W. H. Dinnlny; Forfeit, none; Limit. 90 working days; Plans and specifications, none.

RESIDENCE
LOT 1 BLK 67 EASTON NO. 6 Burlingame. All work for 1½-story residence and garage.
Owner—A. J. Moan, Burlingame.
Architect—Bing M. Clark, 600 Embarcadero Rd., Palo Alto.
Contractor—D. W. Baysinger, Mantecoa
Filed Mar. 28, 1923. Dated Mar. 19, 1923
Framed $2475.25
Brown coated 2475.25
Completed and accepted 2475.25
Usual 35 days ....
TOTAL COST, $10,297
Bond, $5150; Sureties, Joshua Cowell, & J. J. Overshiln; Forfeit, none; Limit. 110 days; Plans & specifications filed.

BUNGALOW, $3500; 15th Ave. Lot 19 Blk. Hay Park, San Mateo; owner, W. J. Gillen; contractor, Meruls Lawsen.

BUNGALOW
LT 17 BLK 3 BURLINGAME TER., Burlingame, Cal. 1-story frame bungalow.
Owner—Otto and Marguerite J. Gohmann.
Architect—None.
Contractor—William Watson & James Watson, San Mateo.
Filed Mar. 30, 1923. Dated Mar. 24, 1923.
Framed $1125
Brown coated 1125
Completed and accepted 1125
Usual 35 days 1125
TOTAL COST, $5000
Bond, Sureties, Forfeit, none; Limit, 90 working days; Plans and specifications none.

PIERCE-BOSQUIT
Abstract & Title Co.
Capital Stock $100,000
Sacramento, Placerville, Nevada City, Reno
SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

BUNGALOW and garage, $4500; Lt 12 Blk 10 Easton 7, Carlos Ave., Burlingame; owner, C. A. Layton, 4421 California St., S. F.; architect, L. H. Stevensen, 45 Worth St., S. F.
BUNGALOW and garage, $5000; Lot 13 Blk 34 Easton 2, Drake Ave., Burlingame; owner, W. A. Rutherdale.
BUNGALOW and garage, $3000; Lot 3 Blk 12 Easton 1, Sanches Ave., Burlingame; owner, J. E. Bowen; architect, Walter Pedersen, 124 Occidental St., Burlingame.
BUNGALOW and garage, $5000; Lot 5 Blk 4 Easton, Paloma Ave., Burlingame; owner, C. J. Galoway; architect, J. R. Lindsay.
BUNGALAW and garage, $4650; Lot 24 Blk 27, Easton 2, Cabrillo Ave., Burlingame; owner, G. B. Stern.
BUNGALOW and garage, $4000; Lot 30 Blk 7, Burl Grove, Capuchino Ave. Burlingame; owner, Wm. Waldron; architect, B. Norberg.
BUNGALOW, 5-room, $5000; Lot 22 Blk 6 Burl. Ter., Fairfield Rd., Burlingame; owner, Warnney & Willlams.
BUNGALOW and garage, $6000; Lot 26 Blk 40, Easton 3, Cortez Ave., Burlingame; owner, A. McIntyre.

COMPLETION NOTICES

SAN MATEO COUNTY.

Recorded Accepted
Mar. 29, 1923—PTN LOT 47, Burlingame Heights, Burlingame. H Lewitt to whom it may concern.. .....Marcvh 26, 1923
Mar. 30, 1923—LOT 20 BLK 6, Burlingame Park, Burlingame. James A and Milicent Cronin to whom it may concern.....Mar. 13, 1923
Mar. 30, 1923—LOT 21 BLK 3, Burlingame Grove, Burlingame. Josephine Finnell to J O Finnell..... .....March 26, 1923
Mar. 30, 1923—LOT 35 BLK "K" Haywood Park, San Mateo. Louis R Inwood to Mitchiel Jackson Co... .....March 24, 1923
Mar. 30, 1923—NINTH AVE, San Mateo. W E Bain to James J Keeyan.....Mar. 29, 1923
April 2, 1923—LOT 20 BLK 39, Lyon & Hoag Sub, Burlingame. Belle Z Thompson to whom it may concern.....March 23, 1923
April 2, 1923—LOT 289 Sub 3, San Mateo Park, San Mateo. J H P Howard Jr to Chas Pederson..... .....Feb. 24, 1923
April 2, 1923—LOT 1 BLK "N" Hayward Park, San Mateo. H W and Margaret C McClure to Thomas W Jones.....Feb. 6, 1923
April 2, 1923—LOT 8 BLK 5, Burlingame Terrace, Burlingame. Charles Hanmer and Hugo Hultberg to whom it may concern... .....March 26, 1923

BUILDING CONTRACTS

SANTA CLARA COUNTY

$1,000 and Over Reported

COTTAGE (3), 5-room; $3500 each; Ninth St. near Julian, San Jose; owner, T. J. Lannin, 875 S-11th St., San Jose.
COTTAGE, four-room, $2300; 25th and St John Sts., San Jose; owner, F. A. Schwartz, 605 Columbia St., San Jose; architect, Geo. Dobson; contractor, F. A. Schwartz, 605 Columbia St., San Jose.
COTTAGE, four-room, $1000; No. 331 N-21st St., San Jose; owner, Geo. T. Isabell, 578 W-San Carlos St., San Jose.
RESIDENCE, two part, $4750; Eleventh near Virginia St., San Jose; owner, C. E. Tainter, 42 E-Santa Clara St., San Jose; contractor, W. H. Norman, 272 S-12th St., San Jose.
COTTAGE, $4100; Tenth St. near St. John, San Jose; owner, Mrs. Van Norden; contractor, Odell & Wilson, 318 E-St. James St., San Jose.
ALTERATIONS, $4950; No. 573 N-Fifth St., San Jose; owner, Michael Blaze contractor, Percy Sherburne, 375 N 15th St., San Jose.
COTTAGE, five-room, $1800; Mastic St. near Humboldt, San Jose; owner, M. De Soto, 1271 Mastick St., San Jose.

APARTMENTS. 2-story (8). $18,835; San Fernando and Ninth Sts., San Jose; owner, W. H. Beal, 696 S-Third St., San Jose; architect, C. C. Lewis, 329 S-5th St., San Jose; contractor, Lewis & Nelson.

GARAGE
1 ACRE AT NW COR. STATE HIGHway and Castro St., Mt. View, Cal. All work for 2-story frame stucco garage and living rooms.
Owner—Tito Fanucci, et ux, Mt. View
Architect—None.
Contractor—Allan Vishoot, Sunnyside.
Filed—. Dated March 13, 1923.
Frame up $1800
1st coat plaster & roof on..... 1800
Completed and accepted 1800
Usual 35 days 1800
TOTAL COST, $7200
Bond, none; Sureties, John Dudfield & Leo H. Vishoot; Forfeit, $3600; Limit, 60 working days from March 13, 1923; Plans and specifications filed.

HOUSE & GARAGE
ON SOUTH SIDE SAN CARLOS ST. 162 ft east of East line of Prevost St. lot 33x137½ ft. All work for 4-room house and garage.
Owner—Herbert L. Burt and Rosa Burt San Jose.
Architect—None.
Contractor—Main & Evans, 135 Hester St., San Jose.
Filed—. Dated March 27, 1923.
Rafters up $780.50
Plaster on 780.50
Completed and accepted 780.50
Usual 35 days 780.50
TOTAL COST, $3122
Bond, Sureties, Forfeit, none; Limit, 65 working days from March 18, 1923; Plans and specifications filed.

BUILDING
ON NORTH SIDE OF SAN ANTONIO St. 101½ ft. west of Third St., San Jose. All work for 1-story brick business building.
Owner—Albert H. Nolte, 877 S 11th St., San Jose.
Architect—Binder & Curtis, 257 S 1st St., San Jose.
Contractor—Jorgensen and Cook, 160 Irving St., San Jose.
Filed —. Dated March 28, 1923.
As work progresses 75%
Usual 35 days 25%
TOTAL COST, $6448
Bond, $3549; Sureties, H. M. Miller and Otto E. Schnabel; Forfeit, none; Limit, on or before June 1, 1923; Plans and specifications filed.

COTTAGE
LOTS 8 AND 8 VENDOME ADDITION, San Jose. All work for 1-story 5-room frame cottage.
Owner—Cyril A. McGraw, San Jose.
Architect—Hastings Bros., Bank of San Jose Bldg., San Jose.
Contractor—Hastings Broa., Bank of San Jose Bldg., San Jose.
Filed—. Dated March 22, 1923.
Frame up $968.75
1st coat plaster on 988.75
Completed and accepted 968.75
Usual 35 days 968.75
TOTAL COST, $3875
Bond, Sureties, Forfeit, none; Limit, 90 working days after March 30, 1923; Plans and specifications filed.

RESIDENCE
LOT 11 BLOCK 31 SEALE ADDITION No. 2, City of Palo Alto. All work for 1½-story residence and garage.
Owner—William A. Roberts, Palo Alto.
Architect—Birge M. Clark, Palo Alto.
Contractor—E. Zimmerli, Palo Alto.
Filed—. Dated March 26, 1923.
Frame up, roof on $1672.50
1st coat plaster on 1672.50
Completed and accepted 1672.50
Usual 35 days 1672.50
TOTAL COST, $6690
Bond, $3350; Sureties, E. R. Ellis and A. C. Ellis; Forfeit, none; Limit, 65 wk. days after March 30, 1923; Plans and specifications filed.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Accepted

Mar. 26, 1923—LOT 10 Rhodes Homestead. Guy M Latta to whom it may concern.....March 24, 1923
Mar. 27, 1923—LOT 7 BLK 4, Alameda Park Tract, San Jose. W M Rowe to Wm O'Neil.....Mar. 13, 1923
Mar. 27, 1923—537 COLERIDGE AVE., Palo Alto. Alfred Seale to Carl Lindholm and Edward Nelson... .....March 1, 1923
Mar. 28, 1923—SW SINGLETARY Ave and The Alameda, near San Jose. Warren H Pomeray to J E Perkins.....Mar. 19, 1923
Mar. 29, 1923—PALO ALTO. Board of Trustees, Palo Alto Union High School District to The Scott Co... .....March 15, 1923
Mar. 29, 1923—LOT 7 BLK 4, Hester Park, San Jose. A K Burkett to whom it may concern...Mar. 29, 1923
Mar. 29, 1923—SE VINE AND WESTminster, San Jose. Malott & Peterson to R O Summers..Mar. 19, 1923
Mar. 29, 1923—PTN LOTS 6 AND 7 Blk 21, Chapman and Davis Tract, San Jose. Frank F Ferreira to whom it may concern..Mar. 28, 1923
Mar. 31, 1923—3d LOT N OF FOURTH St. on W Side of Hanna St., Gilroy. Ray M Tucker to Palmer & Ehrich .....March 21, 1923
Mar. 31, 1923—CAMPBELL. Board of Trustees. Campbell-San Tomas Union Grammar School District to Barrett & Hilp.....Mar. 20, 1923
Mar. 31, 1923—W BIGLEBERRY ST. bt. 7th and 8th Sts, Gilroy. Mike and Dolores Martin to W S Dow... .....March 28, 1923
Mar. 31, 1923—W MARKET ST., bet. Post and Santa Clara Sts., San Jose. Central Improvement Co of San Jose to D J Byron.....Mar. 31, 1923
Mar. 31, 1923—CAMPBELL. Board of Trustees, Campbell-San Tomas Un Grammar School District to Carl T Doell.....March 30, 1923

LIENS FILED

SANTA CLARA COUNTY

Recorded Amount

Mar. 23, 1923—PTN LOT 3 BLK 38, Palo Alto. Palo Alto Hardware Co vs Rose M and Lily B Carter..$235.33
Mar. 26, 1923—LOT 4 F. C. Bethell Sub. Fred Bowen vs W A Wellington $31.35
Mar. 27, 1923—I"TN BLK 38, City of Palo Alto. C H Christensen and A C Anderson vs Rose and Lily Carter $1283.67
Mar. 27, 1923—SW LOCUST 94 N OF NW line Colfax St., th NW 47 SW 135 SE 47 NE 135 to pt beg, San Jose. Southern Lumber Co vs Olive and M C Welch.....$101
Mar. 30, 1923—LOTS 15 AND 18 BLK 7 R 6 S Snow & Pettis Addition to Mt. View. Sterling Lumber Co vs George M Bobst.....$88.69

RELEASE OF LIENS

SANTA CLARA COUNTY

Recorded Amount

Mar. 30, 1923—LOT 58 V. A. Hancock Sub No. 1. H B Miller to R S Purdy $260.01

BUILDING CONTRACTS

CONTRA COSTA COUNTY

DWELLING, one-story frame, $3600; 15th St., bet. Roosevelt and Clinton Aves., Richmond; owner, M. McDevitt, 565 Page St., San Francisco; contractor, J. Fagerstrom, 147 12th St., Richmond.
DWELLING, one-story frame, $4000; N-Roosevelt St., bet. Key and Sierra Sts., Richmond; owner, East Richmond Heights Land Co., 23rd and Macdonald Ave., Richmond; contractor, K. J. Henning, Box 1671 Richmond.
FLATS (4), two-story frame, $9600; E-21st St., bet. Nevin and Barritt Sts., Richmond; ower, A. F. Purman, 410 S-Fourth St., Richmond; contractor, F. A. McCausland, Box 310, San Pablo.
DWELLING, one-story frame, $3700; E-Eighth St., bet. Ripley & Pennsylvania Sts., Richmond; owner, N. Jarrett, 11 15th St., Richmond; contractor, Carl Overaa, 2105 Roosevelt St., Richmond.

BUILDING CONTRACTS

MARIN COUNTY

DWELLING, $2000; Mill Valley; owner, Geo. V. Griffiths, Eldridge Street, Mill Valley.
DWELLING, $2500; Mill Valley; owner, Alexander Stewart, Blithedale Ave., Mill Valley.
DWELLING, $2500; Mill Valley; owner, Chas. T. Gruenhagen, Monlino Ave., Mill Valley.
DWELLING, $3500; Mill Valley; owner, B. M. Rastall, Blithdale Ave., Mill Valley.
DWELLING, $2800; Mill Valley; owner, H. O. Riggs, Mill Valley.
DWELLING, $5000; Mill Valley; owner, Dr. B. M. Rastall, Mill Valley.
DWELLING, $4000; Mill Valley; owner, H. McArtor, Mill Valley.

Larsen Construction Reports
Issued every business day of the year. Furnishes advance information on work projected and contracts awarded for all classes of building, street, sewer and highway projects, bridges, dams and harbor works, machinery, etc. Send for rates in your territory, advising class of work in which you are interested.
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Publication Office
560 Mission Street

SAN FRANCISCO, CALIF., APRIL 14, 1923

Published Every Saturday
Twenty-third Year No. 15

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Warehouses
San Francisco Oakland

Appearance
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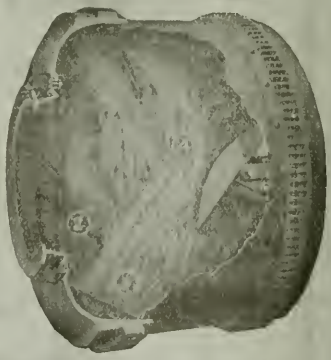

(1) Blade cuts through materials with churning action. (2) Blade carries materials up, spilling down again against motion of drum. (3) Materials hurled across diameter of drum. (4) Materials elevated to drum top and cascaded down to reversed discharge chute which (5), with scattering, spraying action, showers materials back to charging side for repeated trips through mixing process.

"SOMETHING NEW"---Dandie Mixers In Stock With Rubber Tired Wheels.

HARRON RICKARD & McCONE

San Francisco Los Angeles

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday SAN FRANCISCO, CALIF., APRIL 14, 1923 Twenty-third Year No. 15

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INEFFICIENT ROAD BUILDING

In an address to the Kentucky Association of Highway Contractors, Joe S. Boggs, State Highway Engineer for Kentucky, declared that the $10,000,000 of road funds expended under county supervision between 1912 and 1920, before the State Highway Commission exercised its present powers, has "long since been converted into dust and blown by the winds to the farms for fertilizer."

Mr. Boggs said poor engineering, neglected maintenance and obsolete construction characterized the county road regime, and that much of the criticism now directed against the Commission is due to the fact that all roads not now under State maintenance are still the property of the counties whose neglect of them is laid to the Commission.

LUMBER EXPORTS INCREASE

January, 1923, exports of boards, planks, and scantlings totaled 130,772,000 feet, a gain of 15,000,000 feet over December, 1922, a loss of 18,000,000 from January, 1922, and 3,000,000 above monthly average of 1922.

Lumber is one of a somewhat long list of commodities whose quantity movement is still below pre-war. In 1913 our exports of boards and planks totaled 2,376,060,000 feet, in 1921 1,632,928,000 feet. At the highest volume exports run a third less than before the war.

January trade was marked by heavy shipments of yellow pine to River Plate, Cuba, Canada and Mexico, and of Douglas fir to Japan, British South Africa, China and Peru. England was a large buyer of oak wood. Canada and Belgium were fair buyers.

INCREASED PRODUCTION OF MAGNESITE IN 1922

The production of crude magnesite in the United States in 1922 was 32 per cent greater than that in 1921. It amounted to 63,487 short tons, valued at $650,742, according to figures compiled by James M. Hill, of the United States Geological Survey. Practically all the magnesite mined in 1922 was obtained from deposits in California, though a little was mined in Washington during the later part of the year, and some calcined magnesite was shipped from stock piles at Valley, Wash. The largest producer of magnesite in California was the Western Magnesite Co., which operates the Red Mountain mine, south of Livermore, in Santa Clara County; the second largest producer was the Sierra Magnesite Co., whose mines and mill are near Porterville, Tulare County. The magnesite mines near Rutherford, Napa County, operated by C. S. Maltby, ranked third; and a small output was made from mines near Piedra, Fresno County, Sampson, San Benito County, Morgan Hill, Santa Clara County, Gustine, Stanislaus County, and Exeter, Tulare County.

Figures showing the imports of magnesite since the tariff act of 1922 went into effect (September 22, 1922) have not yet been published. The imports during the part of the year prior to that date amounted to 112,159 tons, valued at $1,757,636, as compared with 42,486 tons, valued at $592,491, in the whole of 1921.

No crude or calcined magnesite was exported in 1922. The exports of magnesia pipe and boiler coverings and other manufactures during the year amounted to 3,831,681 pounds, valued at $223,686.

More than 90 per cent of the domestic magnesite produced in 1922 was sold in the calcined form and brought from $30 to $50 a ton. A small quantity sold crude for chemical uses was priced at $10.50 to $12.50 a ton. The prices quoted on domestic magnesite were about $10 a ton throughout the year.

The assurance of good prices upon the passage of the new tariff act greatly stimulated the domestic industry. Many deposits in California are being reopened, and additional equipment is being installed at calcining plants. There is also renewed activity in the Stevens County field, Wash. All magnesite operators are optimistic as to the future of the industry.

TIMBER SALE COMPLETED

Fred Herrick of St. Maries, Idaho, was the successful bidder in the most widely advertised Government timber sale ever held in the West, bids on which were opened April 5, at Portland, Oregon, by District Forester Cecil, for approximately 890,000,000 feet of timber in Bear Valley, Malheur National Park.

The transfer involves between $3,000,000 to $4,000,000 and the construction of a common used railroad from Burns to Crane and Seneca, Ore.

Merrick bid $2.80 per thousand feet for the 770,000,000 feet of yellow pine, $1.05 per thousand for the Douglas fir and 55 cents per thousand for the larch, white fir and lodge pole pine, which make up the balance of 120,000,000 feet in the unit.

SACRAMENTO HOME BUILDING BREAKS ALL RECORDS

Home building in Sacramento during the past month placed March in the column of record breaking months with a total of $552,935 in building permits issued for new dwellings. This is shown in the monthly report issued by City Building Inspector Ben S. Covell, covering the activities of his office for March.

In comparison with the home building program of other months during the past year, March showed a total of twice that of the average month and was only once approached when in March, 1922, the home building program reached $508,898.

The figures compiled by Covell show that the total valuation of the permits issued for March is $728,688.50. This is an increase over February of $133,510.50. By comparison with February, home building showed an increase of $187,935.

The home building program covered the construction of 150 new homes at an average cost of $3,686, and is divided into 135 one-story dwellings and fifteen two-story dwellings. Permits for six business buildings were issued with a valuation of $36,374, a comparatively low mark for this type of construction.

The total building valuation for the first quarter of 1923 amounts to $1,775,420.50.

PROPOSED BUILDING CODE IS CAUSE OF PROTEST

A special committee representing the shingle branch of the West Coast Lumbermen's Association, Seattle, Wash., has sent a telegram to United States Senator Wesley L. Jones and to the three Congressmen from Western Washington, declaring that a portion of a building code proposed by the Department of Commerce is a most unwarranted attack upon our product."

Similar telegrams were sent by the Seattle Chamber of Commerce, the Pacific Coast Shipper' Association and the Seattle branch of the American Wholesalers' Association.

The code, which was prepared by a committee of the Department of Commerce, under the head of "recommended minimum requirements for small dwelling construction," refers to the "well recognized conflagration hazard of wooden shingles."

STATE HIGHWAY COMMISSION WILL SEEK ROAD SURVEY

The California State Highway Commission has decided to ask Governor Richardson to request the Legislature to appoint a committee of five or seven engineers to serve without pay and to make a complete survey of the state highways. Sush is the announcement of Harvey M. Toy, Chairman of the highway board.

The engineers would be suggested by automobile clubs, chambers of commerce and boards of supervisors, Toy stated, and their report would "furnish a program along which this and future commissions could work." He said methods employed by the preceding commission were responsible for the recent change of administration, that the present commission was working along non-partisan lines and endeavoring to reach a basis fair to all sections of the State.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

One billion and a quarter dollars worth of building permits, the greatest amount for a similar period in the nation's history, were taken out throughout the country during January, February and March, S. W. Straus & Company announces. All records for March alone were broken, $429,851,343 worth of work being authorized in 205 cities, a gain of $161,357,012 or 62 per cent over March of last year. The gain in the eastern states was 41 per cent; central 75 per cent; southern 64 per cent, and Pacific western 171 per cent. Among the 20 cities reporting the largest gains over March 1922, were Los Angeles, $10,000,000; San Diego, $827,000 and Long Beach, $820,000.

The Cleveland Chapter of the American Institute of Architects has unanimously passed a resolution providing that all chapter members be recommended to insert in all specifications and contracts the clause: "Contractor shall see to it that jurisdictional strikes are avoided by making agreements to the effect that jurisdictional disputes shall be settled in accordance with the Constitution, Rules and Decisions of the National Board of Jurisdictional Awards in the Building Industry."

Luther Griffith, Howard Hawkins and Harry Witherspoon, formerly residents of Oroville, Calif., where they were connected with the Hutchinson Lumber Co., have organized the Griffith Lumber Company in North Carolina, with a capital stock of $50,000. Griffith, former assistant general manager of the Hutchinson Lumber Company, is president of the new company. Hawkins is vice president and Witherspoon is secretary-treasurer. The new company is dealing in white pine and hardwood products.

For the first time in the history of the lumber industry in Oregon, mills in the Columbia river district have found it necessary to operate 24 hours a day in order to keep up with the deman for timber products. Yard stocks are exceedingly low and lumber moves out to purchasers almost as fast as it goes through the plants.

Portland, Ore., building for March totaled $2,761,220. During the month 1316 permits were issued of which 332 were for residences valued at $1,281,530. For the corresponding period in 1922 the city building bureau reports 1388 permits, aggregating 3,162,865 of which 367 were for residences, totaling $1,348,115.

An industrial survey for February, published by the Department of Labor, shows that unemployment is vanishing and wages are increasing all over the country. The number of employees in 4,848 representative establishments increased 2.3 per cent during that month, while the payrolls increased 5.1 per cent.

The city of Los Angeles has filed a complaint with the Interstate Commerce Commission asking that the Commission order the seven railroads serving the city to construct a union passenger depot and to arrange their trackage so as to eliminate grade crossings.

The United States Forest Service has received two bids for the Bear Valley unit of the now famous Malheur national forest in Oregon, one of them said to be satisfactory as to price. A lumber corporation operating in the Pacific Northwest, whose name was withheld, bid $2.80 a thousand for the principal timber, western yellow pine; $1.05 for the fir and 55 cents for the other timber. The minimum prices fixed by the Forest Service when bids were recently readvertised for were $2 for pine and 50 cents for other species. The Forest Service is investigating the financial strength of the leading bidder, pending a decision.

Plans for the merger of the Llewellyn Steel Corporation with a plant of Torrance, with properties of the Columbia Steel Corporation, owners of coal mine and iron ore properties in Utah, have been completed, according to word from Los Angeles. The Columbia Corporation operates a rolling mill and open hearth furnace in California with a foundry at Pittsburg, Contra Costa County, and also one in Portland, Oregon. The Torrence Llewellyn properties are part of the Llewellyn iron works system which will continue its operation independently as before.

Monarch Tractors Incorporated, Watertown, Wisconsin, have published bulletins No. 14 and No. 15, the former describing the "4-40" Model and the later the Model "C." Bulletins No. 12 and No. 13 have been reprinted. No. 12 is a description of the "6-60" Model and No. 13 a detailed account of the Watertown to New Orleans crawl. The bulletins will be mailed gratis upon request.

Geo. W. Borden, Nevada State Highway Engineer, wants four location engineers, four transitmen; rodmen, chainmen and stakemen. Locating engineers must have had experience in charge of railroad or highway location parties or similar work. Transitmen must be experienced instrument men with experience on location.

Twenty-six businessmen of Richmond have organized the California Guarantee and Loan Association, capitalized at $100,000. Directors are: W. T. Helms, C. S. Renwick, H. A. Johnston, I. R. Vaughn, U. S. Abbott, Geo. N. Rooker and A. P. Hill.

City of Reedley, Fresno County, is planning improvements to its sewage disposal plant. A bond election will probably be held to finance the work which will cost between $125,000 and $150,000.

Building trades workers of Boston, Mass., have reached an agreement with contractors whereby wages are to be raised from $1 to $1.05 an hour this year and to $1.10 in 1924.

Second bond election held in Chico to vote $475,000 to purchase and improve privately owned water systems failed to carry by 164 votes. The first election failed by twelve votes.

C. E. Tinkham, former superintendent of the old Sierra Lumber Company of Chico, died in Berkeley, April 2.

ALONG THE LINE

Paul E. Kressly, consulting engineer of Los Angeles, has been commissioned by the Kern county supervisors to prepare plans for approximately twenty miles of paving in the Arvin and Weed Patch districts. The appointment of Mr. Kressly was made at the request of land owners who will finance the improvements.

Contracts held by Hugh Crummey, deceased, for street improvements in San Jose will be completed by R. H. Crummey, his son who will be financed by the California Construction Company. The arrangement has been approved by the San Jose city officials and the U. S. Guaranty and Fidelity Co., bondsmen.

The De Barros Auto Signal Co. has been organized at Sacramento to manufacture and sell automobile signals. Company is capitalized at $100,000 and has the following directors: Jose De Barros, A. M. Lial, J. K. Brown, A. Callahan, M. E. Allen, L. Cottle and S. Hocking.

The Chicago Pneumatic Tool Co., New York, announces the appointment of H. J. Bradley as branch manager, San Francisco, succeeding J. K. Haigh, who has been transferred to the Chicago branch to resume sales work.

L. H. Morrison, with the McGraw-Hill Company of New York, in an editorial capacity, has been elected secretary of the Gas Power Division of the American Society of Mechanical Engineers for the coming year.

C. A. Gillingham, first assistant to the general works manager of the National Carbon Company is in San Francisco from Cleveland, Ohio, to investigate proposed improvements at the local plant.

United Building and Development has been organized with a capital stock of $50,000. Incorporators are: Norman A. Elsner, San Francisco; S. B. Russell, Mill Valley and F. L. Smith, San Francisco.

The National Hardwood Co. of Los Angeles, anounces the appointment of E. G. Slater as manager, effective Mar. 21. Slater was formerly sales manager for the L. W. Blinn Lumber Co.

Approximately 3000 Los Angeles city employes will receive salary increases from $10 to $25 a month, through a measure just passed by the city council. The increases are effective July 1.

Norman Cruze, formerly of San Francisco, has become associated with the Monterey Electric Company of Monterey.

The 11th Annual Convention of the U. S. Good Roads Association and the U. C. Good Roads Show will be held at Greenville, S. C., April 16-21.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

LUMBERMEN AGREE ON STANDARD FINISHED SIZES

New Orleans advices state that a meeting of the standardization committee of the National Lumber Manufacturers' Association held in New Orleans in connection with the annual meeting of the association, an agreement was reached among the representatives of all constituent associations of the national body, excepting one which was not represented when the action was taken, upon standard finished sizes of lumber, as follows:

That 25-32 of an inch shall be the standard finished size, surfaced two sides, of all grades of 1-inch lumber, kiln dry basis, and 1⅝ inches as the surfaced thickness of small dimension.

Those participating in this action represented about 90 per cent of all the lumber manufactured in the United States. The lumbermen recognize that the standardization problem about which there has been so much discussion in connection with the Department of Commerce, is a manufacturers' problem, and the sizes agreed upon represent the manufacturers' decision as to the most economical and practical utilization of the forest product in lumber manufacture.

RICHMOND BUILDERS WILL DEDICATE NEW HOME

The new home of the Contra costa county Builders' Exchange in Richmond is nearing completion and at the next meeting of the exchange arrangements will be completed for its dedication. Committees to be in charge of the affair have been appointed.

The general committee which appointed the sub-committees is composed of the folllowing: F. A. Mero, H. E. Bettenger, Carl Overaa and R. H. Spiersch. The financial committee is as follows: E. A. Marshall, Charles Brown and James Walker.

Members of the reception committee are: P. M. Sanford, Al Hill, E. M. Tilden. Decorations committee: Max Millradt, H. D. Baker, R. D. Noble. Refreshments, E. H. Higgins, M. A. Hays, B. J. Ballantyne. Dance entertainment and invitation committee will be composed of the general committee, assisted by Secretary L. C. Dexter.

SEATTLE BUILDING TRADES GET WAGE INCREASE

Increases in the wages of several of the building trades in Seattle went into effect April 2 as a result of action taken by the union leaders.

All the unions are affiliated with the Seattle Building Trades council, and the wage increases voted are embodied in the council's wage scale, which is published annually for the information of employers.

The most important change is an increase of $1 a day in the wages of carpenters, whose union scale hereafter will be $8 for eight hours' work. A similar increase is made in the wages of bridge and structural iron workers and pile drivers. Hoisting engineers also will get $1 a day more, house painters 50 cents. The glaziers will get a 50-cent increase effective May 1, under an agreement reached with the leading contractors in this line.

S. F. MODEL AMERICAN PLAN CITY, SAYS KUHL

"San Francisco is now the leading model American Plan city in the United States, where industrail freedom is as real as religious or political freedom," declares Max J. Kuhl, general consel for the San Francisco Industrial Association.

Continuing Mr. Kuhl, says:

"This is the only city of any size in the United States that has had no job strike or jurisdictional strike within the past year and a half, and is the only American city where today union men and non-union men work side by side on the same job.

"Since the establishment of the American plan in San Francisco, building operations have increased 118 per cent, tonnage leaving the port 40 per cent, clearing house receipts 11 per cent and retail merchandise turnover about 10 per cent.

"But more than this. Our young men can say with confidence that San Francisco is an American city where business can come and prosper. It is a city where the principles of freedom prevail in industry as in religion and politics."

CAPITOL CITY ARCHITECTS TO PLAN BETTER HOMES

Plans for a better homes competition for the best designed home of moderate cost for a prize to be put up by Louis Breuner are announced by the educational committee of the Sacramento Architects and Engineers' Club. The competition is to be open to all architects of Sacramento and will be for prizes of $100, $75 and $25. The prize-winning drawings are to become the property of the Architects and Engineers Club and will then be for the free use of any wishing to build.

The prize competition will close May 16th, in time for judging before national Better Homes Week, June 4th to 11th.

The plan outlined calls for a one-family dwelling and garage to cost not to exceed $7,500, with full gardening and landscape work outlined in addition, arrangements and details to be determined by the competitor.

The committee in charge is composed of Jens C. Peterson, chairman; R. E. Backus, Leonard Starks, Frederick Evans and C. S. Pope.

C. H. LOVELAND, ENGINEER, OPENS NEW OFFICES

Chester H. Loveland, consulting engineer, announces the removal of his offices from the Merchants' Exchange Building to larger quarters on the ninth floor of the Balboa Building, San Francisco.

Mr. Loveland also announces that Mr. C. I. Rhodes and Mr. E. J. Daugherty, formerly connected with the California State Railroad Commission, are members of his staff. Mr. Rhodes occupied the position of Chief Hydraulic Engineer of the Commission and Mr. Daugherty was expert engineering and cost accountant. Other members of the firm are W. H. Davis and Frank A. Daugherty.

KERN ENGINEERS ELECT

Kern County Engineers' Club, with headquarters at Bakersfield, has elected the following officers to serve for the ensuing year: Arlington M. Smith, president; F. S. Wheeler, first vice president; O. A. Kommers, second vice president; E. T. Landdale, third vice president; C. K. Badger, fourth vice president; F. A. Bartlett, secretary and Emanuel Lissner, treasurer.

RENO BUILDERS REFUSE WAGE INCREASE

The Conference Committee of the iGeneral Contractors' Association and the Builders' Exchange of Reno, Nevada, has voted to reject the request of the Carpenters' Union for a wage increase of from $8 to $9 a day and has notified the union officials to have men on the jobs immediately or the vacancies will be filled by "other parties."

The union officials have notified members to keep away from jobs where the contractor fails to pay the $9 scale.

BIG SISKIYOU LUMBER DEAL CONFIRMED

The report that the Dwinnell sawmill and timber holdings near Macdoel have been sold to the Pickering interests has been confirmed. H. B. Steinmetz of Sonoma County is on the ground now taking over the property. Harry Hoffman will be in charge and the plant will be in full operation within the next two weeks under the directorship of the new owners, it is announced.

This transaction is one of the most important in the history of Siskiyou County, inasmuch as it involves the transfer of one of the largest timber holdings in Superior California.

The deal was closed, it is understood, two weeks ago. Dr. G. W. Dwinnell, who with his brother D. W. Dwinnell, the owner of the property, is in San Francisco this week in connection with some of the details in closing the transaction.

NEW TACOMA MILL

Announcement of plans for the construction of another lumber mill on the Port district property, Tacoma, Wash., with a daily capacity of 70,000 feet, is made by officials of the Wheeler-Reese Lumber Co., who are organizing the new firm. The company will be known as the Tacoma Harbor Lumber Co., and will be capitalized at $100,000. The announcement follows immediately on the publication of the plans of the Western Lumber Manufacturing Co. to build a new plant on the Port property.

The Tacoma Harbor Lumber Co. has leased 7½ acres from the Port Commission for 20 years. The site has a frontage of 600 feet on the port channel and 800 feet on Wapato creek. The new mill will be of the most modern type, and will have rail facilities as well as cargo docks.

The officers of the new company will be Welles Wheeler, Henry O. Wheeler, P. L. Reese and E. L. Burnham. All are connected with the Wheeler-Reese Lumber Co., which operates a plant at Harding, and which has offices in the Tacoma building.

Cost Estimate in Concrete Consrtuction

(By Frank R. Walker, In Engineering and Contracting)

If estimates are to be accurate, so that the contractor will feel safe in taking work on his own figures, the various branches of work should be estimated in exactly the same manner in which it is erected in place in the structure, using each completed operation as the basis of measurement and pricing the work. Regardless of the method used in preparing the estimate, if the contractor's field organization is incompetent or inefficient the best prepared estimate will not make the contractor's business a profitable one.

Each class of concrete work should be estimated separately, such as footings and foundation walls, column footings, retaining walls, reinforced concrete columns, beams and girders, stairs, structural floor slabs, etc., because each is a separate and distinct class of work, involving special details of construction not found in the others, and subject to considerable variation in the cost of the completed units.

Estimates for Substructure

When estimating the cost of concrete for foundations and retaining walls, the cost of the wood or metal form, reinforcing steel, and the cost of the concrete itself, should each be estimated separately as they are all separate kinds of work and in many instances installed by different trades.

The concrete itslf should be estimated by the cubic foot or cubic yard. The cubic yard method is preferred because the costs are more easily worked out on that basis. Nearly all tables of cement, sand, gravel or crushed stone are stated in the quantities required per cubic yard of concrete, which makes a more workable unit than where the cubic foot method is used.

Form work should always be estimated by the number of square feet of forms required for any given piece of work; for instance, if a wall is 60 ft. long and 8 ft. high and requires forms on both sides of the wall, it will require 60 sq. ft. of forms. Light walls will require only 2 or 2½ ft. of lumber b. m., to construct 1 sq. ft. of forms complete, while heavy reatining walls will require 3½ to 4 ft. of lumber, B. M., per square foot of forms. Naturally the more lumber required per square foot of forms, the higher the material and labor costs will be.

It is not a difficult matter to strike an average of the amount of lumber required to construct 1 sq. ft. of forms for various types of walls, and by so doing valuable costs both by the square foot of forms and per thousand feet of lumber, B. M., are furnished. This is especially valuable when comparing costs on various jobs. The cost of removing the forms should also be kept separate from the cost of framing and erecting, but the same units of measurement should be used throughout.

Reinforcing steel should be estimated by the pound or ton, estimating the cost of steel at a certain price. The labor bending the steel should be kept separate from the cost of placing the steel in the structure ready to receive concrete. When estimating the quantities and costs of reinforced concrete superstructures, each class of work should be estimated separately as previously described, for foundations and retaining walls, but the average concrete building contains at least four different classes of reinforced work, namely: columns, beams and girders, floors and stairs.

Method of Estimating for Columns

The forms for square concrete columns should be estimated by the square foot, taking the entire girth of the column and multiplying by the height. As an example, take a column 17 in. square and 12 ft. high. Forms will be required on all four sides of the column, making a total girth of 72 in. or 6 ft., which multiplied by the height, will give 72 sq. ft. of forms required for each column. Where 2-in. lumber is used, it ordinarily requires about 2½ ft. of lumber, B. M., to construct 1 sq. ft. of forms, including bracing, clamps, etc. In order to prepare accurate estimates on the cost of this work, it is advisable to estimate the cost of framing and erecting the column forms, separate from the labor cost of removing them after the concrete has been placed. The same units of measurement should be used in both instances.

The forming for octagonal concrete columns presents a somewhat different problem in estimating. Regardless of the diameter of the column, there are eight different sections to be formed, and it does not cost any more to frame an 8-in. section than a 6-in. one, so it is a question whether it is not advisable to estimate the labor cost at a certain price per column, making a slight allowance for the difference in size. However, regardless of the diameter of the column, the labor cost of framing and erecting the forms in place should be kept separate from the labor cost of removing the forms after the concrete has been placed.

Metal molds are ordinarily used for forming round concrete columns. The column molds are fabricated in the shop and delivered to the job in sections, so that a certain price should be allowed for the erection and removal of each column mold, stating the diameter and height of the column, and whether a plain shaft or one having a flared head, as the latter cost considerably more than the former. The cost of the erection of the forms should be kept separate from the removal of them if possible.

The column reinforcing steel should be estimated by the pound or ton. Inasmuch as the spirals are usually furnished fabricated and the steel cut to length, the labor estimate should include assembling, wiring and placing, based on the actual weight of the steel used.

The concrete in the columns should be estimated by the cubic foot or cubic yard; the materials being estimated according to the proportions of cement, sand and gravel used, and the labor costs of mixing and placing should be estimated separately.

Beams and Girders and Lintels

There is a diversity of opinion among contractors regarding the correct method of estimating forms for concrete beams, girders, and lintels. When used in connection with concrete floor slabs, the depth of the beam or girder ordinarily includes the thickness or depth of the slab, so when estimating the quantities and cost of beam and birder forms, I feel the proper method is to take that portion of the beam or girder that is exposed beneath the slab, while some contractors estimate forms for the full depth of the beam. For instance, if a concrete beam 16x24 in. in size, the thickness of the slab 6 in., the actual depth of that portion of the beam requiring forms is 18 in., the other 6 in. being made up in the thickness of the concrete floor slab. Where beams and girders are used around stair well openings, elevator shafts, door and window lintels, etc., where one side of the beam is exposed for the full depth, then the girth of the beam would be 18 in. plus 16 in. plus 24 in. or a total of 58 in.

Beams may be constructed of either 1 or 2-in. lumber or a combination of the two, but the labor cost per square foot remains practically the same in either instance. The 1-in. lumber is somewhat easier to frame but it requires more bracing than the 2-in. lumber, so that the advantages of one practically offset the other. While the estimated labor costs should be by the square foot of forms actually constructed, the labor cost of framing and erecting the forms should be kept separate from the labor cost of removing the forms after the concrete has been placed.

The reinforcing steel should be estimated by the pound or ton, based on the actual amount of steel required. Bending and fabricating should be kept separate from the labor cost of placing the steel in the forms ready to receive the concrete.

Reinforced Concrete Floors

There are so many types of reinforced concrete floors being used today that it is almost necessary to use a different method when estimating each type. It is true, the square foot method of measuring the forms can be used in all of them, but there are so many special conditions entering into the construction of the forms for the various types of floors, that each must be given careful consideration when preparing the estimate. The amount of lumber required to construct 1 sq. ft. of forms for reinforced concrete floors will vary from about 2¼ to 4½ B.M., which includes sheathing, joists, stringers, uprights, sills, wedges, bracing, etc. This variation is due to the thickness of the concrete floor and the height of the ceiling. For this reason, it is well to check the square foot method with the price per thousand feet of lumber, B.M., before pricing the estimate.

It is not necessary to figure out the exact quantity of lumber required in the construction of the slab forms for each job estimated, but a table can be easily prepared showing the approximate amount of lumber required to construct 1 sq. ft. of forms for different slab thicknesses and varying ceiling heights. This will be close enough for estimating purposes, because I have never yet seen the job where the quantity of lumber used was the same as the quantity estimated.

Before deciding upon the material cost per square foot of forms, it is advisable to take into consideration the number of times each floor of forms may be used in the construction of the job. For instance, if it requires 3 ft. of lumber, B.M., to construct 1 sq. ft. of forms, with lumber at 5c per ft., B.M., the lumber cost of 1 sq. ft. of forms would be 15 ct. If the lumber may be used two or three times in the construction of the job, this cost may be divided by 2 or 3 to obtain the lumber cost per square foot of forms. To this cost a small allowance should be added for breakage, waste, nails, etc.

Solid Concrete Floors

Where solid concrete floors are used in connection with beams and girders

(either of reinforced concrete of structural steel, fireproofed with concrete), the exact floor area between beams and girders should be obtained, and should not include the width of the beams and girders, as these forms have previously been taken care of under beams and girders, and all duplication of quantities should be avoided, if accurate estimates are to be obtained.

The same method should be used when estimating floors of flat slab construction except that the area of the depressions at the column heads should be taken off separately, as there is considerable extra labor involved in framing out for these depressions. The entire area of the floor may be estimated at a certain price per square foot, and then an additional allowance may be made to take care of the additional labor required for framing of depressions in slabs.

Other types of floor construction where concrete is used in conjunction with clay or gypsum tile, metal tile, "domes" or tin pans as they are commonly called, usually require the lightest type of temporary framing for forms on account of the small weight of the floor slab itself. In all instances the exact floor area should be obtained and the work priced by the square foot of forms. On work of this kind, some contractors cover the entire floor with wood sheathing while others place only a 2-in. x 6-in. or 2-in. x 8-in. plank, 12, 16 or 20 in. on centers, to support the ends of the tile or domes and form the bottom or soffit for the concrete joist which is to be placed.

It is certainly advisable to keep separate costs on the various types of floor construction both by the square foot of forms and by the thousand feet of lumber, B.M., as this helps materially in preparing more accurate estimates, permitting a comparison of costs by both methods.

The actual concrete on all of the various types of floors should be estimated by the cubic foot or cubic yard, but there is a vast difference in the labor cost of placing concrete on a job having 10 or 12-in. floor slabs than those using clay tile or metal domes, having concrete joists 4 or 5 in. wide with only 2 or 2½ in. of concrete placed over the top of the tile themselves. The former will require 4 or 5 times as much concrete per square feet of floor as the latter.

On heavy slabs it is possible to place a large amount of concrete in a comparatively small floor area, while with the combination types of floor, it is necessary to cover a large floor area and place a comparatively small amount of concrete. Floors of this type require considerable extra labor placing the concrete in small joists, using care to see that all reinforcing steel is covered, as well as extra labor in spreading and grading the concrete for the thin top slab. While the cubic foot or cubic yard method of measurment may be used for either type floor, the labor cost on one will be much higher than on the other.

Finish for Floors

Where the floors are to have cement finish top, the top should be estimated separately in all instances. The thickness of the top may vary from ½ to ¾ in. in thickness and is composed of cement and sand, an entirely different aggregate than the mass concrete. This will involve separate material and labor costs, such as cement finishers and helpers, placing screed.

Method of Estimating for Concrete Stairs

Nearly every contractor has his own method of estimating concrete stairs. Many take the underneath surface or soffit of the stairs to obtaain the forms required, while others take the area of the soffit plus the number of lineal feet of risers. It is a difficult proposition and one that is not easily checked.

I have used the following method of estimating concrete stairs for a number of years and it has worked out very well:

I first take the length of the stringers of each flight of stairs, making a note of the number of treads in each. According to my experience on the job, the most time is required in laying out the stairs, cutting the stringers and placing them ready to receive the sheathing and risers. I usually allow a certain number of hours carpenter time to lay out, cut and erect the stringers. I then estimate the sheathing slab forms, making my allowance in the price. I then mention the number of treads and the length of them, together with the number of the risers to be placed. In making up my estimate in this manner, I have found my estimated and actual costs compared very favorably.

The concrete is estimated in the usual manner to obtain the number of cubic feet or yards of concrete to place.

If the stairs are to have a cement finish, I usually allow 18 in. to take care of the width of each tread and riser and multiply this by the length of the treads and the number of treads to obtain the number of square feet of finish.

When estimating the quantities of mesh or fabric reinforcing, I think the actual area of the surface to be covered should be obtained and then a certain allowance made to take care of the laps, the same as is used when figuring wood sheathing or flooring.

Plant and Equipment

In my opinion, the item of plant and equipment should be estimated separately, allowing a certain price for concrete mixers, hoisting engines, hoisting towers, and other equipment, as in many instances this cost would be the same whether the job contained 1000 or 5000 cu. yd. of concrete, so that if this is estimated separately, it is much easier to obtain costs from the work that are authentic and of value when preparing future estimating.

LARGE LOGGING AND TIMBER INTERESTS SOLD

Sale of the extensive logging and timber interests of the Coats-Fordney Company in Grays Harbor county, Washington, to the Donovan-Corkery Logging Company, which involves several million dollars, has been announced. The deal is one of the largest, if not the largest, which has taken place in Grays Harbor county. It also means much to Aberdeen as the sale includes tracts of timber variously estimated at a billion or more feet. Figuring that the Donovan-Corkery Company will cut 80,000,000 feet of timber a year on the entire timber lands controlled, logging will be carried on by them for a 25-year period. The sale includes all of the property of the Coats-Fordney Company, including about 16 miles of logging road and railway equipment, and everything else of the company's holdings which affects their logging and timber interests.

The Donovan-Corkery Company which has been organized is the consolidation of the Donovan Lumber Company, the Corkery Brothers Company and the Carlson-Callow Lumber Company. It has been capitalized at $800,000. William Donovan, Sr., is president; William Corkery, vice-president and manager, and A. W. Callow, secretary. Gus Carlson, William Donovan Jr., John Corkery, F. H. McCready and the officers named will be the board of directors. The Corkery Bros. have operated on the east branch of the Humptulips river as the East Branch Logging Company.

GLASS CUTTING, STAINING AND ORNAMENTING IN 1921

The Department of Commerce announces that according to reports made to the Bureau of the Census the value of products of establishments engaged primarily in cutting, staining, and ornamenting glass amounted to $22,209,000 in 1921 as compared with $28,443,000 in 1919 and $16,446,000 in 1914 a decrease of 22 per cent from 1919 to 1921, but an increase of 35 per cent for the seven-year period, 1914 to 1921. This classification covers the establishments that cut, bevel, stain, engrave, and ornament glass. Other reports have been issued giving statistics concerning the operations of glass-manufacturing plants and those engaged in the production of mirrors.

Of the 462 establishments reporting products valued at $5,000 and over in 1921, 117 were located in New York; 80 in Pennsylvania, 39 in Illinois; 26 in New Jersey; 33 in Ohio; 23 in California; 22 in Massachusetts; 11 in Missouri; 12 in Minnesota; 11 each in Michigan and Wisconsin; 10 in Connecticut; 7 in Indiana; 6 in Texas; 5 each in Maryland, Washington, West Virginia and Rhode Island; 5 in Iowa; 2 each in Virginia, Georgia, Maine and Oregon; and 1 each in Alabama, Colorado, Florida, Idaho, Kansas, Kentucky, Louisiana, Nebraska, North Carolina, and Tennessee. New York and Pennsylvania, the leading states in the industhy in 1921, reported 28 and 18 per cent, respectively, of the total value of products in that year.

In February, the month of maximum employment, 5,047 wage earners were reported; and in July, the month of minimum employment 4,124—the minimum representing 32 per cent of the maximum. The average number of wage earners employed during 1921 was 4,682, as compared with 6,180 in 1919 and 8,607 in 1914.

DESCHUTES FOREST TIMBER

A total of 7,596,359,560 feet of timber now is standing in the Deschutes National Forest, Oregon State. Of this amount, 4,771,000,000 is yellow pine and 1,393,000,000 feet is lodge pole pine. These are figures from the report just completed by W. O. Harriman, deputy supervisor of the Deschutes Forest, and Forest Assistant Moravets, who has been here from the district office at Portland to assist Harriman in compiling these estimates. The yellow pine is worth $16,000,000, it is said.

BOND ELECTION CALLED FOR OAKLAND ESTUARY TUBE

The Alameda County supervisors have set May 8 as the date to decide the question of issuing bonds of $4,496,000 to finance construction of a tube under the Oakland estuary connecting the cities of Oakland and Alameda.

County Engineer George Posey has completed preliminary plans for the project and a permit to construct has been granted by the War Department.

The plans call for locating the entrance to the tube on Harrison street, Oakland, between Sixth and Second streets, the exit in Alameda to be in Webster street near Work street. Adequate lighting will be provided and a system of air ducts pumping fresh air into the tube constructed to prevent carbon monoxide gas from forming in the tube.

The tube, which will be thirty feet wide, will provide space for the tracks of the San Francisco-Oakland Terminal Railways. No provision is made for the Southern Pacific interurban system, which now crosses the estuary upon its own bridge.

Provision of Federal Highway Act Simple

Legislation Governing Construction of Main Interstate Roads Explained. Tax-Payers Should Grasp Essentials of Gigantic Plans Involving Billions

Boiled down, the Federal Highway Act passed in 1921, and under which our main interstate roads are now being largely constructed, is a very simple proposition, according to G. S. Hoag, Field Secretary of The Lincoln Highway Association.

"The main fact to be borne in mind," says Hoag, "is simply this—that the Federal Highway Act provides for Federal aid and that the whole plan is simply one whereby the Federal Government aids the states financially in the construction of their roads." To a certain extent, therefore, the name "Federal Highway" is a misnomer. The "Federal Highways" are not Federal highways in the true sense of the word at all. They are merely state highways joining at the state lines to form routes of interstate importance and are those roads which the Federal Government will aid the states to build.

Government Helps

The sum and substance of it is that the Federal Government says; "We will assist each state in building seven per cent of its highways." Naturally, the Federal Government reserves the right to pass upon the selection of that seven per cent. It wishes to aid from the Federal treasury only the building of those roads which are of interstate or intercounty importance.

The procedure under the law is simple. The state highway authorities can if they wish (they are not obliged to) select a system of important roads in the state comprising seven per cent of the total mileage of the State's roads and submit it to Washington for approval. The department of government in Washington which has this question under its authority, is the Bureau of Public Roads of the Department of Agriculture. The Department of Agriculture is headed by Henry C. Wallace, of Iowa.

When a state with a hundred thousand miles of roads, like Iowa for example, submits to the Bureau of Public Roads in Washington its seven per cent system, or 7,000 miles of suggested roads for the approval of the Government, the Bureau studies the plan suggested, being particularly interested in how the roads connect with those in the plans submitted by the other states surrounding, in order to provide interstate connections. If some states delay in providing their suggestions to the Bureau of Public Roads, it holds up the decision affecting the road systems submitted by the surrounding states.

How States Secure Federal Aid

The procedure followed by any state desiring to take advantage of the Federal aid offered to it under the Federal Highway Act, is very simple. It differs only slightly from the procedure which the State would follow if it was going to build a road without the aid of the Government. If the road to be improved is on an important thru route, construction can be undertaken whether the state system has been approved or not.

The state makes a survey and provides its plan to the Government's engineers who are governed by specific rules regulating the minimum width, grade and adequacy of type under different traffic conditions. The Government will not assist in the construction of a type or design of road-bed which will not stand up under the traffic to be carried.

If the specifications for the road come up to the Government standard, the project, as it is called, is approved by the Government thru the Bureau of Public Roads and the State is assured of receiving a certain percentage of the cost of construction from the Federal Government. This percentage varies in the western states, depending upon the ratio between the area of the state and the area of the unappropriated public lands of the state. In states where the public lands amount to less than five per cent of the area of the state, the Government pays fifty per cent of the cost of construction. In a state like Nevada the Government pays over 87 per cent of the cost of construction, due to the fact that over 90 per cent of Nevada's area still belongs to the Federal Government and is not taxed by the State.

State Builds Roads

Assuming a project approved by the Government, the state proceeds to construct the road in exactly the same manner it would proceed if no Government aid were involved. It follows its own procedure which, in most instances, is to advertise for bids and let the contract to the lowest bidder. The state supervises the work, pays the contractor, and in every way proceeds exactly as it would on an ordinary state job. The only difference lies in the fact that the Federal Government has an inspector on the job to see that the specifications are followed. The Federal Government is a silent partner in the entire transaction. It does not select the road to be improved; it does not initiate the project; and it does not pay the contractor.

When the work is completed and is approved by the state highway department, the state gets its proportion of Federal aid from the United States Treasury.

In order that neither the state nor the contractor may have to carry the full expense of the work to its completion, arrangements are made whereby "progress payments" are made from time to time based on the amount of work completed, a liberal percentage being reserved to provide against contingencies.

Basically, that is all there is to the plan of Federal aid to state road building. Of course, the state cannot get Federal aid on an unlimited amount of construction. It receives financial assistance from the Federal Government on road construction up to a certain sum which in total represents that state's share of the total Congressional appropriation for highway construction. The total provided by Congress is subdivided among the states, one-third on the basis of population, one-third on the basis of area, and one-third on the basis of road mileage.

CARNEGIE INSTITUTE AWARDS LE BRUN SCHOLARSHIP

Paul F. Simpson, a graduate of Carnegie Institute of Technology, Pittsburgh, has been awarded the Le Brun Traveling Scholarship for 1925, according to an announcement from a New York jury of architects. Graduate students and architects from all parts of the country entered the competition this year for this covetcd national prize. It carries a cash allowance of $1400 for six months travel abroad, and is awarded under the direction of the New York Chapter of the American Institute of Architects.

The award to a Carnegie Tech man is only the second time, since the scholarship was established many years ago, that the winner has been other than a New Yorker.

Mr. Simpson, a resident of Lima, Ohio, was graduated at Carnegie Tech in 1921, and was an honor man in his class. For several years prior to his matriculation at Carnegie Tech, he was a student under Professor Harry Sternfeld, Head of Department of Architecture, and the holder of the Paris Prize in 1914. Mr. Simpson entered the competition for the Le Brun Scholarship along with four other graduates qualifying to enter from the same institution.

This is the second important scholarship won this year by Carnegie Tech. Otto M. Olsen, of Duluth, Minn., a graduate of 1922, recently won the John Stewardson Traveling Scholarship, which is limited to competitors from Pennsylvania. Incidentally, Mr. Simpson's brother, Russell F. Simpson, won the Stewardson Scholarship for Carnegie Tech, in 1921.

INTEGRAL WATERPROOFING

The Truscon Laboratories, Detroit, Mich., has issued, in pamphlet form, a story on integral waterproofing, "A Practical Discussion," by Samuel R. T. Very, architect. The publication is of value to every one interested in the building industry, especially architects. It will be furnished on request, without charge.

STANDARD THICKNESS OF SHEET METAL

Letter circular 24, one of the mimeographed circulars of the U. S. Bureau of Standards, has just been issued and gives standard thickness of sheet metals including steel plate in sheets, galvanized sheets, copper, brass, aluminum, tine and terne, zinc and monel metal. The various sheet metal and wire gages used in designing the thicknesses are also discussed. The circular is a collection into useful form of information that has heretofore been widely scattered and inaccessible.

PREVENTING RUST ON STEAM SHOVELS

An excellent and inexpensive method of preventing rusting of working parts of steam shovels stored in the open, is to cover these parts with ordinary turpentine of the cheaper grade, states the Excavating Engineer. This method has been found to be particularly effective in the tropics where the metal will often rust in 24 hours.

Building News Section

APARTMENTS

Plans Being Prepared.
APARTMENTS Cost, $35,000
SAN FRANCISCO, Jackson St., bet. Divisadero and Broderick.
Three-story and basement frame and stucco apt. bldg. (6 4 & 5-rm apts)
Owner—Dr. John J. Kingwell.
Architect—H. C. Baumann & Edw. Jose, 251 Kearny St., S. F.

Contract Awarded.
APARTMENTS Cost, $20,000
SAN FRANCISCO, NE 28th Ave. & Anza
Two-story frame and stucco apartments (4 4-room).
Owner—Dr. Claud Perry.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.
Contractor—Thos. Hamill, 6140 Geary St., San Francisco.

Contract Awarded.
APARTMENTS Cost $11,500
OAKLAND, Alameda Co., Cal., 4151 Piedmont Ave.
Two-story 9-room apts. & stores.
Owner—David Kelley, 2588 E-37th St., Oakland.
Contractor — L. Johnson & Son, 223 Greenbank Ave., Piedmont.

Plans Being Prepared—To Be Done By Day's Work.
APT. BLDGS. Cost, $30,000 each
SAN FRANCISCO, Divisadero south of California.
Two 3-story frame and stucco apartment buildings.
Owner—Emil Nelson.
Architect—H. C. Baumann & Edw. Jose, 251 Kearny St., San Francisco.

Owner Taking Sub-Figures.
STORE & APTS. Cost, $35,000
SAN FRANCISCO, SW 18th Ave. and Balboa St.
Two-story and basement frame and brick veneer store and apt. bldg.
Owner—Kiernan & O'Brien, 1756 Mission St., San Francisco.
Architect—A. H. Knoll, Hearst Bldg., San Francisco.

Sub-Figures Being Taken for Concrete and Carpentry Work.
APT. BLDG. Cost, $100,000
SAN FRANCISCO, E Taylor 62 S Ellis.
Six-story and basement class C apartment building.
Owner—Withheld.
Architect—A. H. Knoll, Hearst Bldg., San Francisco.

Plans Being Figured.
APARTMENTS, ETC. Cost, $40,000
SAN FRANCISCO. Tenth Ave. and Geary Street.
Three-story frame and stucco store and apartment building (7 3 and 4 room apts.)
Owner—Jacob Weisabein.
Architect—H. C. Baumann & Edw. W. Jose, 251 Kearny St., San Francisco
Figures are being taken for a general contract.

Plans Being Figured.
APARTMENTS Cost, $80,000
SAN FRANCISCO. N Washington 128-9 E Jones St.
Four-story and basement concrete apartment building (19 apts.)
Owner—Mrs. A. G. Boggs, 1266 Washington St., San Francisco.
Architect — Miss Julia Morgan, 1135 Merchants' Exchange Bldg., S. F.
Figures are being taken for a general contract.

Plans Being Figured.
STORE AND APTS. Cost, $——
SAN FRANCISCO. Ocean Ave. and Capitol St.
Three-story frame and stucco store and apartment building.
Owner—A. J. Branagan.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.

Contract Awarded.
APARTMENTS Cost, $30,000
BERKELEY, Alameda Co., Cal. No. 1 715-17-19-21 Oxford St.
Two-story frame (36-room) apartment house.
Owner—H. C. Castle, 1428 Jackson St., Oakland.
Architect—None.
Contractor—Mason-McDuffie Co., Shattuck Ave. and Addison St., Bkly.

LOS ANGELES, Cal.—Archt. L. L. Jones, 603 Grosse Bldg., L. A., is preparing plans for a 4-story class C store and apt. bldg., to be erected at San Pedro, for L. De Carlo. Brick, 4-sto. and basement, pressed brick facing, comp. rfg, steel beams. It will contain 4 stores lobby and 81 rooms, divided into 40 apts.; cost $150,000. Leased to Casson & Whilton.

LOS ANGELES, Cal.—Archts. Russell & Alpaugh, 1106 Story Bldg., are preparing plans for a 13-story and basement class A co-operative apt. house to be erected at the n. w. cor. of Carondelet and 6th Sts., for a syndicate represented by E. A. Wayt. It will contain 240 rms. arranged in 105 apts; reinf. conc. constr., 100x150 ft., plas. exter., cast stone trim, hardwood inter. trim, wall beds, tiled baths, electric heating system, 2 elevators, refrigerating system, etc. There will be a 2-story class A garage in connection with the bldg. It will be 50x100 ft. and will have a capacity for 52 cars; $800,000.

LOS ANGELES, Cal.—Franklin Harper, 672 Benton Way, contemplates the erection of a 12-story and basement class A apt. house on the east side of Benton Way, bet. 7th St. and Wilshire Blvd. It will be 150x123 ft. and will contain 400 rooms; cost $1,000,000.

LOS ANGELES, Cal.—Archt C. C. Rittenhouse, 449 Wilcox Bldg., has prepared plans for a 27 apt. bldg.; each apt to contain 2 rooms, to be erected on W 11th St. near Sunbury St. for A. R. Gilman. Frame and plas. constr., 40x112 ft. tile and comp. rfg., 3-story and basement; cost $50,000.

BONDS

INDEPENDENCE, Inyo Co., Cal.—Milton Elementary School District will vote bonds of $2,500 April 30 to finance additions to present school. Trustees are: A. N. Bell, John M. Gorman and Mrs. Grace Schabbell.

LODI, San Joaquin Co., Cal.—Trustees of Bruella School District will call election to vote bonds to finance additions to present school. Preliminary plans for the additions have been ordered prepared.

PASADENA, Cal.—Bonds of $30,000 voted to const. addition to library.

OAKLAND, Cal.—Supervisors will ask bids shortly for purchase of $110,000 bond issue of Amador Valley Joint High School District, in vicinity of Pleasanton, to finance construction of one and two-story reinforced concrete high school. Henry C. Smith, Humboldt Bank Bldg., San Francisco, is the architect.

SANTA ANA, Cal. — City will sell bonds of $25,000 April 16 to finance construction of two fire engine houses.

FERNDALE, Humboldt Co., Cal.—Election will be held April 28 in Ferndale School District to vote bonds of $49,000 to finance purchase of site, erect and equip new school.

REEDLEY, Fresno Co., Cal.—Reedley Grammar School District votes bonds of $107,000 to finance construction of new grammar school.

MODESTO, Stanislaus Co., Cal.—City votes bonds of $55,000 to finance construction of two fire stations.

FRESNO, Fresno Co., Cal.—Washington Union High School District will vote bonds of $155,000 May 3 to finance construction of new high school. J. A. Poytress is secy. of district.

LOCKEFORD, San Joaquin Co., Cal.—Election held to vote bonds to finance erection of new school failed to carry.

CHURCHES

Plans Being Prepared.
CHURCH Cost, $70,000
MERCED, Merced Co., Cal.
One-story hollow tile and concrete ch. Sunday school rooms and gymnasium.
Owner—M. E. Church, South.
Architect—Mayo, Cowell and Bissell, 21 S San Joaquin St., Stockton and Merced, California.
Specifications: Conc. found.; int. par. hollow tile and wood; frame of h.t. and concrete; stucco exterior; hot air htg.
Plans being drawn in Merced office.

LOS BANOS, Merced Co., Cal.—Trustees of Methodist Church South vote to erect $15,000 edifice.

SAN DIEGO, Cal.—Arthur G. Lindley, Chas. Selkirk, assoc., 800 American Bank Bldg., Los Angeles, are preparing preliminary plans for a two-story Spanish Church building, to be erected at San Diego, for Trinity Methodist Episcopal Church. Stucco frame construction, tile comp. and copper rfg. Cost, $45,000.

SAN DIEGO, Cal.—Arthur G. Lindley, Chas. Selkirk, assoc., 800 American Bank Bldg., Los Angeles, are preparing preliminary plans for a Spanish Church building to be erected in East San Diego, for the Fairmont Methodist Episcopal Church; will contain auditorium to seat 800 people, graduated class rooms, social hall, balcony, organ and choir loft. Frame constr., plaster exterior, 2 atory, tile and comp. rfg., Cost, $40,000.

ELSINORE, Riverside Co., Cal.—Arthur C. Lindley, Chas. Slekirk, assoc., 800 American Bank Bldg., Los Angeles, are preparing preliminary plans for a new church building to be erected in Elsinore for the 1st Methodist Episcopal Church; will contain auditorium and balcony to seat 500 people, classrooms, kitchen, social hall, rest rooms, shower baths, organ and choir loft. Frame and plaster construction, 2-story and basement, 80x95 ft. Cost, $35,000.

EAGLE ROCK, Los Angeles Co., Cal.—Architect Moss M. Marston, and Arthur E. Hoggsette, assoc., 1400 Stock Exchange Bldg., Los Angeles, are preparing plans for a new church building, to be erected at Eagle Rock, for the First Congregational Church; auditorium to seat 400, social hall, kitchen, ladies' rest rooms, and basement. Brick construction, plaster exterior, tile roofing.

ST. HELENS, Ore.—De Young & Roald, Spalding Bldg., Portland, completing plans for frame and concrete church to be erected for First Methodist Church of St. Helens; est. cost, $25,000. Auditorium will seat 250 with Sunday school room seating 175.

MODESTO, Stanislaus Co. Cal.—Trustees of Grace Baptist Church adopts plans for new office to be erected at corner of Third and F Streets. Early construction is planned.

HANFORD, Kings Co., Cal.—Architect Anton Johnson, Kingsburg, Calif., and Norman F. Marsh, architect, Los Angeles, have submitted preliminary plans for proposed First Methodist Church to be erected at Irwin and Ninth Sts. Est. cost $75,000. A selection will be made shortly. Rev. R. E. Nunn is pastor.

SEATTLE, Wash.—Architect Andrew McQuaker, Melborn Bldg., preparing plans for reinforced concrete mausoleum, 183 by 62 ft., for Pacific Mausoleum Assn., 411 American Bank Bldg., Seattle, to be erected on the Victory Highway. Will contain 1176 single crypts and six family compartments of six crypts each with built-in niches for urns. Total estimated cost $100,000.

ORANGE, Orange Co., Cal.—Arthur G. Lindley, Chas. Selkirk, assoc., 800 Amer. Bank Bldg., have completed plans and are taking figures for a Spanish church bldg. to be erected in Orange, Calif., for the Emanuel Lutheran Evangelical Church. Aud. seating 700, Sunday school, assembly rm., classrooms, kitchen, banquet hall, balcony. Stucco exter., hollow tile and brick walls, basement, tile rf., pipe organ, choir loft seating 50.

FACTORIES & WAREHOUSES

Plans Completed—Awaiting Approval of Owner.
WAREHOUSE Cost, $175,000
OAKLAND, Alameda Co., Cal. NE Adeline and Twenty-second Sts.
Three-story reinforced concrete mill constructed warehouse (160x240.)
Owner—John Breuner Co.
Architect—Reed & Corlett, Oakland Bk. of Savings Bldg., Oakland.

Plans To Be Prepared.
OFFICE & WHSE. $150,000 approx.
SAN FRANCISCO, NW Main & Howard Sts. 50 vara lot.
Fireproof office warehouse and salesroom building (number of stories not decided).
Owner—Hermann Safe Co., 216 Fremont St., S. F.
Architect—None selected.
The architect has not been selected but in all probability will be the architect in the employ of the owner.

Plans Being Figured—Bids Close April 13, 1923, 2 p. m.
STORE & LOFT Cost, $35,000
SAN FRANCISCO, Drumm St., bet. California and Sacramento.
Three-story and basement class B reinforced concrete store and loft bldg. with pile foundation.
Owner—Chas. Clinch Co.
Architect—H. C. Baumann & Edw. Jose, 251 Kearny St., S. F.

Plans Being Figured.
STORE & LOFT Cost, $70,000
SAN FRANCISCO, N W Taylor and O'Farrell.
Two-story and basement class C store and loft building.
Owner—Withheld.
Architect—Sam Lightner Hyman, Foxcroft Bldg., San Francisco.
Figures are being taken for a general contract.

Sub-Figures To Be Taken Next Week.
ADDITION Cost $—
SAN FRANCISCO, adoining 515 Folsom St. near 1st St.
Two-story class C addition to factory.
Owner—Catherine Dunn Estate.
Lessee—Galloway Lithograph Co.
Contractor—G. F. W. Jensen, 320 Market St., San Francisco.

Contract Awarded.
ADDITION Cost, $——
NEWMAN, Stanislaus Co., Cal.
Concrete work for addition to ice cream plant.
Owner—National Ice Cream Co.
Architect—None.
Contractor—Shepherd & Riley, Stockton.

Plans Being Prepared Contract Let.
CREAMERY Cost, $170,000
NEWMAN, Stanislaus Co., Cal.
Concrete creamery.
Owner—Associated Milk Producers, 53 Clay St., San Francisco.
Designer & Contractor—O. W. Britt, 1257 Arguello Blvd., San Francisco

Plans Being Prepared.
FACTORY Cost, $60,000
OAKLAND, Alameda Co., Cal. Doyle Street.
One-story Class C factory building.
Owner — Western Waxed Paper Co., Monadnock Bldg., San Francisco.
Architect—R. Vane Woods, 505 17th St., Oakland.
The contract will probably be awarded to H. J. Christensen, 505 17th St., Oakland.

SAN DIEGO, Cal.—Vitrified Products Corp. will start work this week on the $175,000 plant which is to be built at Old Town. The first units of the company's plant at Old Town will comprise a 2-story bldg., 80x120 ft., where hollow ware, such as sewer pipe and bldg. blocks will be manufactured; a grinding and screening mill house, a machine room where the brick will be formed, cut and pressed, a dozen dry tunnels or kilns with a capacity of 50,000 brick a day, 8 permanent round-down draft kilns and a storehouse. A contr. for the necessary machinery and equipment was awarded to an Ohio firm last week. Officials of the corp. are: Victor Kremer, pres.; Geo. W. Kummer, secy. and gen. mgr.; Rufus Choate, treas.; and S. C. Hagen, vice-president.

LOS ANGELES, Cal.—The Austin Co., 701 P. E. Bldg., has been awarded a contract at $87,000 for erecting a one-story brick factory building at Santa Fe Ave. and 24th St. Kleber Motor Co. The contract includes all work except interior painting and electric wiring. E. B. Rust, 523 Black Bldg., Los Angeles, is the architect. Dimensions, 150x250 ft., brick walls, steel roof trusses, comp. rfg.

ORLAND, Glenn Co., Cal.—Construction will be started immediately by the Anchorage Farm Co. on a packing plant, 60 by 51 ft. and a dehydrating plant, 34x69 ft., est. cost, $13,000. Some new equipment will be installed. Grading has been started.

IF YOU know Mat Harris.
PRESIDENT AND everything.
VAN ARSDALE-Harris Lumber Co.
FIVE ENTRANCES on Brannan street.
AND NINE on Fifth street.
THEN YOU will appreciate.
WHAT CLARENCE Sand Pratt, President.
OF THE Pratt Building Material Co.
DOUGLAS 300—"easy to remember."
IS ABOUT to unfold.
AND THIS is a true story.
LIKE MOST of Sandy's stuff.
CALLED "PRATT'S Concrete Mix."
HERE ARE the facts.
SAD, BUT true.
MAT HARRIS, like most lumbermen.
HAS MUCH trouble and anxiety.
SPENDING HIS income.
FROM THE sale of lumber.
SOME JUST "pine" away.
OTHERS "SPRUCE" up their wives.
BUT MAT took a trip.
TO EUROPE.
AFTER VISITING all America.
INCLUDING PRATTCO, Monterey Co.
HOME OF Prattco Amber Sand.
AND WHILE Mat traversed battlefields.
AND OTHER well-worn paths.
HE DID not forget.
TO TELL every one.
WHETHER THEY understood English.
OR SOME foreign language.
ALL ABOUT San Francisco.
AND DEAR old California.
IN FACT, Mat invited all Europe.
INCLUDING ALL other American tourists.
TO VISIT San Francisco.
AND EVEN be the guests.
OF MR. Matthew Harris.
PROMINENT LUMBERMAN and Rotarian.
AND MAT was home two days.
WHEN HIS invited guests.
BEGAN TO arrive.
SOME OF whose faces.
SEEMED AS strange to Mat.
AS THE physiognomy.
OF KING Tut.
AND ONE day.
IN THE Palace Hotel.
SANDY PRATT, producer.
OF CLEAN, sharp sand.
SAW MAT hunting some fellow.
WHOM HE had met in Europe.
BUT WHOSE general appearance.
MAT HADN'T the least conception.
"I THANK you."

This photo taken on the public square of Pekin, Continental Europe, shows Mat Lumber Harris telling the natives all about California and Pratt's wonderful sand for concrete, plastering, sand blasting etc.

CALIFORNIA—A. P. Hunt, president, Consolidated Products Co., Chicago, plans erection of two Pacific Coast plants for the manufacture of creamery products. One plant will be located in the San Joaquin Valley.

LOS ANGELES, Cal. — Architects Dodd & Richards, 905 Brack Shops Bldg., have prepared plans and are taking bids for erecting a six-story Class A loft building on Maple Ave. near 8th St. for William Hess. It will be 40x90 ft., reinforced concrete construction, plate glass, steel sash, composition roofing, elevator, etc.

STRATFORD, Kings Co., Cal.—F. E. Cryder, 2505 Balboa St., San Francisco, co-operating with farmers in this section, will erect a $75,000 creamery.

LOS ANGELES, Cal.—Archts. Walker & Eisen, 325 Pac. Finance Bldg., are making working drawings for a 5-sto. and basement, class A bldg. to be erected at 15th and Los Angeles Sts., for L. A. Rubber Stamp Co. Found., 50x150 ft., reinf. conc. constr., plas. exter., steel sash, elevator. Designed for several stories later.

LOS ANGELES, Cal.—Archt. A. C. Martin, 431 Higgins Bldg., is preparing plans for a 4-story and basement class A warehouse to be erected at Grand Ave. and 35th St., for the May Corp. Reinf. conc. flat slab constr., 200x250 ft. comp. rfg., cem. fls., steel sash, 4 elec. freight elevators, steel rolling and metal doors, wire glass, basement 12 ft. deep; $400,000. Bids being taken on excavating.

FLATS

Contract Awarded.
FLAT Cost, $16,600
SAN FRANCISCO, W Powell St. 105-6 S Green.
Three-story frame flat.
Owner—Costantino & Adolfo Figoni.
Architect—Albert Porta, 622 Washington, S. F.
Contractor—John Harder, 803 Vermont St., San Francisco.

Plans Being Prepared.
FLATS Cost, $12,000
EUREKA, Humboldt Co., Cal. 8th and G Streets.
Two-story frame and stucco (2) flats.
Owner—Herman W. and Miss Emily Jones, Eureka.
Architect—Newton Ackerman, Eureka.

Owners Taking Sub-Figures.
FLATS Cost, $13,000
SAN FRANCISCO S Balboa 61-6 W 18th Avenue.
Two-story and basement frame (2) flats.
Owner—R. J. O'Brien, 1756 Mission St., San Francisco.
Architect—A. H. Knoll, Hearst Bldg., San Francisco.

GARAGES

Contract Awarded.
GARAGE Cost, $30,000
FRESNO, Fresno Co., Cal. Van Ness Ave., bet. San Joaquin and Amador Streets.
One-story brick garage, 75x150 ft.
Owner—Mrs. Amelia Hall. Structure to be leased to Durant Steeves Motor Co., Mattei Bldg., Fresno.
Architect — H. Raphael Lake, Fresno and San Francisco.
Contractor — Trewhitt-Shields Co., Rowell Bldg., Fresno.

Plans Being Figured.
GARAGE Cost, $30,000
OAKLAND, Adeline & 32nd Sts.
One-story reinforced concrete garage.
Owner—Louis R. Lurie Co., 315 Montgomery St., S. F.
Architect—O'Brien Bros., 315 Montgomery St., San Francisco.
Lessee—Pacific Tel. & Tel. Co.
Figures are being taken for a general contract.

GOVERNMENT WORK AND SUPPLIES

Plans Being Figured—Bids Close May 23, 1923, 11 A. M.
STOREHOUSE Cost, $——
PEARL HARBOR, Hawaii.
Two-story frame and hollow tile store house (Spec. No. 4692).
Owner — United States Government Bureau of Yards and Docks, Navy Department.
Architect—Owner.
See call for bids with description of buildings under Official Proposals.

Plans Being Figured—Bids Close May 2, 1923, 11 a. m.
SHINGLING Cost—
MARE ISLAND, Cal., West Barracks.
Shingling roofs of eight buildings (spec No. 4825)
Owner—U. S. Bureau of Yards & Docks
Architect—Owner.
Plans may be obtained from the Public Works Officer at Mare Island in a deposit of $10. **See call for bids under Official Proposals.**

rec. by U. S. Engineer Office, 85 Second St., to const. conc. weir, near Fremont, Yolo County: (1) clearing land, 12 acres (2) class AA excavation, 1500 cu. yds., (3) class AB 180,000 cu yds., (4) class BA excavation, 2000 cu. yds., (5) class BB excavation 80,000 cu. yds., (6) 900,000 cu. yds. hauling 100 ft., (7) 30,500 cu. yds. concrete, (8) 11,000 lbs. reinf. steel, (9) 47,000 tons rip rap, (10) 14,500 cu. yds. gravel.

Proposal "A"

Utah Construction Co., Phelan Bldg., S. F., (1) $2676, (2) $735, (3) $68,850 (4) $980, (5) $43,200, (6) $20,250, (7) $417,240, (8) $900, (9)$217,610, (10) $69,890, total $842,421.
Coast Construction Co., S. F., (1) $1950, (2) $1170, (3) $91,800, (4) $1560, (5) $41,600, (6) $18,000, (7) $376,675, (8) $990, (9) $263,200, (10) $56,550, total $853,495.
Lynn S. Atkinson, (1) $6000, (2) $2250, (3) $90,000, (4) $3000, (5) $40,000, (6) $27,000, (7) $457,500, (8) $1100, (9) $199,750, (10) $50,750, total $877,350.
A. J. & J. L. Fairbanks, (1) $3600, (2) $1350, (3) $117,000, (4) $2000, (5) $72,000, (6) $36,000, (7) $427,000, (8) $880, (9) $352,500, (10) $87,000, total, $1,099,330.
Shattuck Co., S. F., (1) $6000, (2) $1650, (3) $95,400, (4) $2600, (5) $56,000, (6) $27,000, (7) $518,500, (8) $1100, (9) $376,000, (10) $79,750, total, $1,164,000.
Fred C. Franks Constr. Co., (1) $3600, (2) $1725, (3) $111,600, (4) $2200, (5) $49,600, (6) $54,000, (7) $509,350 (8) $770, (9) $333,230, (10) $91,495, total $1,157,670.
Foley Bros. & D. A. Foley Co., (1) $3,600, (2) $1500, (3) $126,000, (4) $2,000, (5) $80,000, (6) $45,000, (7) $518,500, (8) $1100, (9) $517,000 (10) $87,000, total $1,381,700.

Proposal "B"

A. J. & J. L. Fairbanks, (1) $3600, (2) $1350, (3) $117,000, (4) $2000, (5) $72,000, (6) $36,000, (7) $427,000, (8) $880, total $659,830.

WASHINGTON, D. C.—Until April 20 11 a. m., bids will be rec. by Panama Canal Commission, under Circular No. 1524, for fur. and del. steel, steel car wheel tires, power cable, detonators, safety fuse, blasting caps, iron or steel pipe, nails, leather belting, machetes, red and white lead, and Southern yellow pine or Douglas fir box car siding.

JOOST BROTHERS
Builders' Hardware
Tools, Etc.
(Members Builders' Exchange)
1053 MARKET ST.
Phone Market 891 San Francisco

Office Constructing Quartermaster, Fort Mason, Calif. Sealed proposals will be received until 11 a. m., April 17, 1923, for repairing wharf, driving piles, etc., at Presidio of San Francisco, Calif. Information on application.

SEATTLE, Wash.—Until April 19, 11 a. m., bids will be rec. by Alaskan Engineering Commission, 422 Bell St. Terminal, for fur. under Circular 605, delivered on pier, Seattle, Wn.: track bolts, steel angles, builders hardware, double deck bunks, Jewel heaters, Majestic ranges, roofing and building paper, plasterboard, lime, brick, cement, doors and windows and lumber.

FORT MASON, Cal. — Bids were opened on April 10th by the U. S. Constructing Quartermaster's Office for the construction of a two-story concrete ward building at the Letterman General Hospital. Bids have been forwarded to Washington for awards.

General Contract

Mahony Bros., Flood Bldg., S. F. (1) $71,436, (2) $6500, (3) $253, (4) $3300, (5) $245, (6) $..., (8) $58,800.
Peters Constr. Co., 604 Mission St., S. F. (8) $52,234.
Schuler & McDonald, Oakland, (1) $81,427, (2) $3500.
Larsen & Siegrist, S. F., (1) $74,180, (2) $4208, (3) $1850, (4) $2500, (5) $245, (6) $75, (8) $59,700.
Schultz Constr. Co., S. F., (1) $..., (2) $4700, (3) $2462, (4) $3631, (5) $193, (6) $60, (8) $57,625.
Dean Constr. Co., Pacific Grove, (8) $54,150.
W. T. Wightman, Halfmoon, (1 & 2) $..., (3) $2350, (4) $2200, (5) $100, (6) $60, (8) $54,000.
Hayes-Oser Co., S. F., (1) $76,811, (2) $2754, (3) $750, (4) $1265, (5) $200, (6) $150, (8) $63,811, (9) $2800, (10) $7400, (11) $2700.
John Morton, S. F., (1) $..., (2) $10,555, (3) $250, (4) $1500, (5) $215, (6) $119, (8) $65,941, (9) $2700.

Plumbing

Burnham Plumbing Co. $6631
Turner Co. 8060

Heating

Scott Co. $2625
Turner Co. 2640
Burnham Plumbing Co. 2668
Ra-do Gas Heating Co. (gas sys.) 2643

Electrical Work

Globe Electric Co. $2257
Standard Elec. Constr. Co. 2520

WASHINGTON, D. C.—Bids are being rec. by Bureau of Supplies & Accounts Navy Dept., under the following schedules, for fur. materials for Navy Yards; date of opening bids as noted at end of each paragraph:

Schedule 670, for Mare Island and Puget Sound, steel wire rope, April 24.
Schedule 689, for eastern and western yards, 2050 dozen corn brooms, April 17.
Schedule 685, for eastern and western yards, 12,000 casting brushes, April 24.
Schedule 686, for eastern and western yards, 6932 hand and deck swabs, April 24.
Sched. 690, for Puget Sound, 5100 lbs. medium black steel plates; for Mare Island and Puget Sound, 10,150 lbs. black medium hull plate steel; for Mare Island and Puget Sound, 52,900 lbs. corrugated galvanized soft sheet steel; for Mare Island and Puget Sound, 115,200 lbs. galv. black soft sheet steel, April 24.
Sched. 691, for eastern and western yards, miscellaneous bar and shape steel, April 24.
Sched. 692, for Mare Island, 3055 lbs. copper pipe, May 1.
Sched. 694, for eastern and western yards, paint brushes, May 1.
Sched. 695, for Mare Island, 1000 ft. copper steam hose, May 1.
Sched. 696, for Mare Island, 13,200 steel bolts and nuts, May 1.
Sched. 699, for Mare Island, 200 steel boiler tubes, opening of May 1.
Sched. 700, for Mare Island, 150 clothes lockers, opening of May 1.

SAN DIEGO, Cal.—Bureau of Yards and Docks, Navy Department, Washington, D. C., has completed Spec. No. 4776, for concrete roads at San Diego. Plans obtainable from Washington office on deposit of $10. Time for opening bids has not been set.

WASHINGTON, D. C. — Bureau of Yards and Docks, Navy Dept., has completed Spec. No. 4767 for refrigerating machinery to be installed at Pearl Harbor, T. H. Spec. may be obtained from Bureau on deposit of $10. Date for bid opening has not been set.

SAN FRANCISCO—Until April 19, 11 a. m., bids will be rec. by U. S. Engineer Office, 85 2nd St., under Order No. 4141, for fur. and del Rio Vista, Solano county: miscellaneous castings, etc. Further information on request.

WASHINGTON, D. C.—Until May 25, under Spec. No. 4692, bids will be rec. by Bureau of Yards and Docks, Navy Dept., to const. seaplane hangar and runway at naval station, Pearl Harbor, T. H.

PORTLAND, Ore. — Marshall-Wells Co., Portland, Ore., at $1768.73 awarded cont. by U. S. Engineer Office, for fur. grade A dredger sleeves, under Circular No. 97.

WASHINGTON, D. C.—Following bids rec. by Bur. Yds. and Docks, Navy Dept. under Spec. 4770, to const. storehouse for paints and oils at naval base, San Diego:

Item 1, net for all work; 2, deduct for omission of fireproof system; 3, deduct for electric lighting system.

Great Western Building Co., 456 Spreckles Bldg., San Diego, Calif., item 1, $29,800, 90 days; 2, $660; 3, $460; 4, $2380, 5, $3600.

Union Construction Co., foot of 14th St., Oakland, Calif., item 1, $23,700, 90 days; 2, $600; 3, $400; 4, $3760; 5, $900; alternate for concrete floors, 30c.

W. E. Kier Construction Co., 813 First National Bank Bldg., San Diego, Calif., item 1, $24,816.50, 120 days; 2, $592; 3, $390, 4, $3309.90; 5, $762.30.

Gutleben Bros., 609 I. W. Helm Bldg., Los Angeles, Calif., item 1, $24,000, 90 days; 2, $48; 3, $400; 4 ,$3000; 5, $800; 6, deduct $210 for omission of second coat of paint on steel.

De Waard & Cobham, 207 Granger Bldg., San Diego, Calif. ,item 1, $25,700, 100 days; 2, $500; 3, $450; 4, $4000; 5, $800.

HALLS AND SOCIETY BUILDINGS

Plans Completed.
CLUB ROOMS, ETC. Cost, $200,000
SAN FRANCISCO. Lakeside Golf Links
Two-story frame and stucco club (Spanish style) clubrooms, living rooms, lockers, swimming tank, patio, etc.)
Owner—Olympic Club, Post near Mason St., San Francisco.
Architect—Bakewell & Brown, 251 Kearny St., San Francisco.
Plans are complete and will be put on exhibit next week in the St. Francis Hotel. Bids will be called for within 30 days.

Plans Being Prepared.
FRATERNITY HOUSE Cost, $25,000
OAKLAND, Alameda Co., Cal. Piedmont Avenue.
Two-story frame and stucco fraternity house with terra cotta roof.
Owner—Phi Kappa Tau Fraternity.
Architect—W. R. Yelland, Perry Bldg., Oakland.

Working Drawings Being Prepared.
STORE, LODGE & OFFICE $750,000
OAKLAND, Alameda Co., Cal., N 14th St., bet. Broadway & Franklin St.
Eight or 9-story class A store, lodge and office building.
Owner—Elks Hall Assn.
Architect—Wm. Knowles, Hearst Bldg., S. F. and Bacon Bldg., Oakland.
Plans will be ready for figures in about 90 days.

PASADENA, Los Angeles Co., Cal.—Architects Marston & Van Pelt, Edgar W. Mayburg, assoc., 25 S. Euclid Ave., Pasadena, have been commissioned to prepare plans for a $200,000 clubhouse and a commercial building on N. Marengo Ave. north of Holly St. for the Pasadena Post, American Legion. Site 100 ft. wide extending from Marengo to Broadway.

PLACERVILLE, El Dorado Co., Cal. —County Supervisors approve plans for proposed American Legion clubhouse. Will be two-story, 34 by 60 ft., hollow tile or concrete construction. Bids will be asked shortly.

VENICE, L. A. Co., Cal. — Archts. Noerenberg & Johnson, 401 L. A. Ry. Bldg., L. A., have prepared preliminary plans for a class A club bldg. to be erected on Ocean Front Ave. near Park St., Venice, for the Oceanic Club. J. E. Hall, secretary. It will be 5-story and basement, 60x120 ft., reinforced conc. conc. Cost $200,000.

LOS ANGELES, Cal.—Archts Morgan, Walls & Morgan, 1124 Van Nuys Bldg., are completing plans for erecting a class A store and lodge bldg. at 11th and Flower Sts., for the Odd Fellows Hall Assn. Three-story and basc., 100x155 ft., stores and lobby 1st sto., banquet hall, storerooms, basement boiler rm., 3 lodge rms., parlors, small banquet rm. with kitchens in two upper stories. Reinf. conc. constr., steel columns and girders, plas. and cast stone exter., plate glass, marble and tile wk., tile and comp rf., steam heat. Cost $300,000.

CROWS LANDING, Stanislaus Co., Cal.—Earl Hibbard, Modesto, at $4900 awarded contract to erect one-story and basement frame club house for Community Club. Main building will be 64x32 ft., with wing 18x22 ft. Hibbard's contract does not include the plumbing, electric work or painting.

HOSPITALS

Plans Being Prepared.
HOSPITAL Cost, $75,000
LODI, San Joaquin Co., Cal.
One-story hollow tile and stucco hospital bldg. with four wings.
Owner—Mrs. T. M. Cole, Lodi.
Architect—Ralph P. Morrell, 41 S Sutter St., Stockton.

Completing Plans.
OLD PEOPLE'S HOME $130,000
STOCKTON, San Joaquin Co., Cal., Co. Hospital site.
Two-story class C Old People's Home.
Owner—San Joaquin County.
Architect—Ralph P. Morrell, 41 S Sutter St., Stockton.
Plans will be ready for figures in about six weeks.

Plans Being Figured—Bids Close April 26, 1923.
HOSPITAL Cost, $600,000
SACRAMENTO, Sacramento Co., Calif., 40th and J Sts.
Five-story reinforced concrete hospital building (terra cotta exterior).
Owner—Sisters Hospital.
Architect—R. A. Herold, Forum Bldg., Sacramento.
Figures are being taken for a general contract except the mechanical equipment (plumbing, heating, ventilating and electrical work), for which bids will be taken in about a week.

Plans Being Prepared.
NURSES' HOME Cost, $170,000
SAN FRANCISCO, Hayes & Stanyan.
Four or 5-story reinforced concrete nurses home.
Owner—St. Mary's Hospital.
Architect—Shea & Shea, Chronicle Bldg San Francisco.

A. E. Leitch Fred Clark

CLARK & LEITCH ROOFING CO.

Successors to E. S. Warner

Office and Warehouse:

1110 SECOND ST., SACRAMENTO

Phone Main 726

The work will probably be done by Jas. L. McLaughlin, 254 Kearny St.

OAKLAND, Cal.—The P. J. Walker Company, Monadnock Bldg., San Francisco, was awarded the following contracts in connection with the construction of a four-story class A hospital building for the Fabiola Hospital Association. It is being erected on the northeast corner of Moss avenue and Broadway in Oakland from plans prepared by Architect G. W. Kelham, Sharon Bldg., San Francisco.
Painting to J. J. Keefe, 1442 Bush St., San Francisco, $7930.
Lathing and Plastering to Geo. Hudson, National Lathing Co., Monadnock Bldg., San Francisco, $1670.
Glazing to Cobbledick-Kibbe Glass Co., 666 Howard St., S. F., $3140.
Ornamental Iron & Bronze to Monarch Iron Co., 262 7th St., S. F., $3746.
Interior Tile Work to Mangrun & Otter 827 Mission St., S. F., $7975.

EUREKA, Humboldt Coo., Cal.—Dr. T. L. Loofborrow, Eureka, is having plans made for a $75,000 sanitarium to be erected on Pine Hill about 2 miles from Eureka on the state highway. Improvements will involve considerable landscape work.

HANFORD, Kings Co., Cal.—As previously reported, county supervisors awarded contract to J. F. Brown, Hanford, at $22,660 to construct nurses' home and at $16,700 to remodel the county hospital. Complete list of bids follow:

General Construction, Nurses' Home: Carl Nelson $26,989; Squire Cooper $22,850; J. H. Palm $23,257; Otto P. Johnson $24,874; Graham & Son, $23,786; Davis Heller Pearce Co. $26,046.

Plumbing & Heating, Nurses' Home: Horlock-Clow Co., Hanford, at $3382, awarded contract. Other bids: J. F. Brown $3382; B. A. Newman Co. $4989; Carl Nelson $....; Squire Cooper $3382; J. H. Palm $3520; Otto P. Johnson $..; Graham & Son $..; Davis Heller Pearce Co. $3767.

Remodel Co. Hospital: J. F. Brown, $16,700; J. H. Palm, $16,913; Davis-Heller,Pearce Co., $16,844.

HOTELS

GLENDALE, L. A. Co., Cal.—Arthur G. Lindley, Chas. Selkirk, assoc., 800 American Bank Bldg., have been commissioned to prepare plans for a class A hotel and apt. bldg., to be erected at cor. E. Broadway and Glendale Ave., Glendale, for the Ambrosini Hotel Co.; will contain 278 rms., divided into single and double apts. and single rms. each, to have shower and tub baths, roof garden, with lobby, stores and large dining rm. on 1st fl. Reinf. conc. constr., 5-story and basement, 225x140 ft., hollow tile curtain walls, plaster exter., comp rfg., 2 electric passenger and 1 elec. service elevators, gas unit htg. sys., aut. storage water htr., refrig. sys., circulating ice water to each rm., wall beds, tile baths and kitchens, incinerator, inter-telephone sys., marble, ornam. iron; cost $400,000.

LOS ANGELES, Cal.—L. T. Mayo, 531 Black Bldg., has the contract to erect a 4-story class C store and hotel bldg. on 2nd St., bet. Figueroa St. and Fremont Ave. for Kass & Ruhen, 608 Bank of Italy Bldg. It will contain 4 stores and 98 hotel rooms; brick wall, 80x113 ft., press. brick facing; cost $145,000. The plans were prepared by E. C. Wiseman.

GLENDALE, L. A. Co., Cal.—A company is reported organizing to erect a $400,000 hotel at northwest corner Brand Blvd. and California St., Glendale, Calif., where three lots are available; Dr. E. H. Parker, 426 N Maryland Ave., owner of the property, is reported to have also subscribed $150,000 additional stock in the project.

NOGALES, Ariz.—Chamber of Commerce has appointed a hotel committee consisting of Bracey Curtis, Mark Wuerschmidt, Joseph Wise, W. C. Winegar and Dr. A. L. Gustetter. The Proposed hotel will cost about $500,000. Tentative bids have been received from several local contractors. The matter of contracts has been held up pending final determination of details.

COMPTON, L. A. Co., Cal.—Southland Hotel Co., J. W. Cope, pres., has been organized for the purpose of erecting a 3-story brick store and hotel bldg., at Main and Wilmington Sts., Compton. It will cost $85,000. Lawrence Burck Constr. Co., 325 S Hill St., will be the contractor.

LONG BEACH, L. A. Co., Cal.—Preliminary drawings have been prepared by Archts. Piper, Kahrs, Dedrick and Bobbe, 38 Locust St., Archt. Horace Austin, assoc., 222 First Natl. Bank Bldg., Long Beach, for a 10-story class A reinforced concrete part hotel and part apt. bldg. to be erected on a 99-year leased site near 5th and Locust Sts., Long Beach, by Capt. C. H. C. Leitch.

POWER PLANTS

CALIFORNIA—See "Irrigation Projects," this issue.

SEATTLE, Wash.—W. R. Hendrey & Co., Hoge Bldg., at $121,679.08 awarded cont. by Bd. Pub. Wks. for fur. transformers for municipal light dept. G. E. equipment was specified in the bid.

KELSO, Wash.—Chas. Moore & Co., Sheldon Bldg., San Francisco, at appro. $2,000,000 awarded contract by Long-Bell Lumber Co., to construct power plant at company's mill. Will be rein. conc. const. and will include erection of two stacks, 300-ft. high, 50-ft. in dia. at base and 21-ft. at top. To develop 20,000 h. p. fuel to be supplied from refuse of mill.

OLYMPIA, Wash.—Sterling B. Hill files application with State Engineer to divert 1000 sec. ft. water from south fork of Nooksack river and to const. 32,000 h. p. hydro-electric plant; est. cost $2,000,000. Same applicant seeks permit to divert 200 sec. ft. from Whatcom creek and to const. $400,000 hydro-electric plant as well as to develop storage for 65,000 ac. ft. of water in Lake Whatcom for power purposes.

MODESTO, Stanislaus Co., Cal.—Until May 2, 10 a. m., bids will be rec. by U. S. Abbott, secy. Modesto Irrigation District to const. distributative lines. Bids are being received under the following schedules:

1. 900 butt treated poles.
2. 2150 crossarms.
3. Hardware for approx. 40 mi. line.
4. Metal and wood pine, 2300 and 2500 respectively.
5. Insulators 4250.
6. 139,500 lbs. copper wire.
7. 11 K. V. 3 pole switches 9.
8. 4-1000 K. V. A. and 6-150 K. V. A. transformers.

Bids may be submitted upon either or all schedules but no proposals will be considered for a part of any schedule. Spec. will be furnished on deposit of $5 per schedule. Cert. check 5% payable to Treasurer of District req. with each bid. **See call for bids under official proposal section in this issue.**

SAN FRANCISCO — Until April 23, 3 p. m., bids will be rec. by J. S. Dunnigan, clerk, Bd. of Supervisors, Room 235, City Hall, for fur. underground cable required by Dept. of Electricity. Blanks for bidding will be furnished on application.

PUBLIC BUILDINGS

Plans Being Figured—Bids Close May 8, 1923, 12 Noon.
ASSEMBLY BLDG. Cost, $40,000
WHITTIER, Los Angeles Co., Cal.
Whittier State School Site.
One-story brick and concrete assembly building (steel roof trusses, tile roof and balcony in auditorium).
Owner—State of California.
Architect—Geo. B. McDougall, State Architect, Forum Bldg., Sacramento
Figures are being taken for a general contract. Plans may be obtained from the Division of Architecture, Forum Bldg., Sacramento, on a deposit of $25.
See call for bids under Official Proposals.

MODESTO, Stanislaus Co., Cal.—County Supervisors appoint committee to select site and secure estimates of cost to erect detention home. Structure, will cost in the neighborhood of $10,000.

SACRAMENTO, Cal.—Clyde L. Seavey, president of State Railroad Commission, in a letter to Wm. Sproule, president of the S. P. Co., advises that the R. R. Commission expects the S. P. company to have preliminary plans, specifications and estimates submitted for a new passenger station in Sacramento on or before July 6th.

AUBURN, Placer Co., Cal.—Supervisors will call election in June to vote bonds of $175,000 to finance construction of a new county hospital; $100,000 for county jail and hall of records and $40,000 for war memorial buildings at Roseville, Lincoln, Auburn and Colfax ($10,000 ea.) W. H. Weeks, 369 Pine St., San Francisco, is the architect.

SAN BRUNO, San Mateo Co., Cal.—City Trustees plan erection of city jail on site yet to be selected.

RENO, Nevada—State will construct and addition to insane ward at asylum near Reno. Other additions are also contemplated.

SAN GABRIEL, L. A. Co., Cal.—Architects Walker & Eisen, 325 Pac. Finance Bldg., L. A. are completing working drawings for a new city hall to be erected in San Gabriel; $50,000 in bonds have been voted. Two-sto., 60x100 ft., one wing, 40x20 ft and a tower. Brick constr., plas. exter., clay tile rf.

RESIDENCES

To Be Done By Day's Work.
DWELLINGS Cost $5000 & $6000
SAN FRANCISCO, 39th Ave. & Anza St.
Two 1-story frame dwellings.
Owner—R. Monson.
Architect—H. C. Baumann & Edw. Jose, 251 Kearny St., S. F.

Plans Being Figured.
RESIDENCE Cost, $10,000
SAN FRANCISCO, Lyon St. near Union.
Two-story and basement frame and stucco residence.
Owner—Ronald Rolph.
Architect—W. H. Crim Jr., 425 Kearny St., San Francisco.

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Plans Being Prepared.
RESIDENCE Cost, $30,000
STOCKTON, San Joaquin Co., Cal.
Two-story and basement frame and stucco residence (13 rooms and 3 baths)
Owner—Withheld until plans are further progressed.
Architect—Mayo, Cowell and Bissell, 21 S San Joaquin St., Stockton, Cal.
Specifications: Conc. found.; stucco ext. finish; tile roof; hot air heating

Plans Being Figured.
ALTER. & ADD. Cost, $10,000
ATHERTON, San Mateo Co., Cal.
Alterations and additions to 2-story residence (refinishing of interior etc.)
Owner—Clarence Walter, Mills Bldg., San Francisco.
Architect—John K. Branner, 251 Kearny St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $16,880
SAN FRANCISCO, Geary St. & 44th Av.,
Two-story and basement frame and plaster residence.
Owner—Wm. Schirmer.
Architect—Schirmer-Bugbee Co., Thayer Bldg., Oakland.
Contractor — David Nordstrom, 4116 Emerald St., Oakland.

Plans Being Figured.
RESIDENCE Cost $15,000
SAN FRANCISCO, St. Francis Wood.
Two-story and basement frame and stucco residence.
Owner—H. Cook.
Architect — Walter C. Falch, Hearst Bldg., San Francisco.

Plans Being Figured.
RESIDENCE Cost, $15,000
PIEDMONT, Alameda Co., Cal., Wildwood Gardens.
One-story frame and plaster residence.
Owner—Hamilton Weeks, 369 Pine St., San Francisco.
Architect—W. H. Weeks, 369 Pine St., San Francisco.

Plans Being Figured.
RESIDENCE Cost, $25,000
BERKELEY, Alameda Co., Cal., Claremont Court.
Two-story frame, stucco and brick veneer residence 12 rooms.
Owner—Withheld.
Architect—J. E. Krafft & Sons, Phelan Bldg., San Francisco.

LOS ANGELES, Cal.—Archt. Myron Hunt, 1107 Hibernian Bldg., has prepared plans for a 2-story brick residence to be erected on Fremont Pl., bet. 8th and 9th Sts. for U. G. Orendorff, 607 Van Nuys Bldg. It will contain 15 rms. and 3 baths; dimensions, 102x96 ft., br. walls, stone trim; cost $75,000.

SCHOOLS

Contracts Awarded.
GYMNASIUM Cost, $47,651
NAPA, Napa Co., Cal.
One-story frame and stucco gymnasium
Owner—Napa Union High School Dist., Howard E. Roper, Clerk.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
Contractor — Larsen & Siegrist, Call Bldg., San Francisco.
The C. F. Weber Co. of San Francisco received the contracts to install in the audiitorium 1200 opera chairs at $6 each and 450 portable chairs at $4.54 each.

Contracts Awarded.
SCHOOL Cost—
SAN FRANCISCO, N Washington bet. Trenton and Stono Sts.
Three-story reinf. concrete annex to Oriental school.
Owner—City and County of San Francisco.
Architect—John Reid, Jr., 1st Natl. Bk Bldg., San Francisco.
Segregated figures are being taken as follows:
General contract, O. Monson, 251 Kearny St., $82,430.
Plumbing, A. Lettich, 365 Fell St., $5647
Electrical work, Central Elec. Co., 179 Minna St., $2590.
Heating & ventilating, Scott Co., 243 Minna, $5375.

Plans Being Figured.
LIBRARY BLDG. Cost, $100,000
BERKELEY, Alameda Co., Cal., Leconte Avenue.
One-story concrete and stone library building, to be known as the Holbrook Memorial Library (1st unit)
Owner—Pacific School of Religion.
Architect—H. W. Ratcliff Jr., First National Bank Bldg., Berkeley.
The second unit will be started in about four months. The school when completed will cost $1,000,000.

Commissioned to Prepare Plans.
SCHOOL Cost, $72,000
MAYFIELD, Santa Clara Co., Cal.
Frame and stucco 8-room and auditorium school with tile and composition roof.
Owner — Mayfield Grammar School District.
Architect—Henry C. Smith, Humboldt Bank Bldg., San Francisco.
Bonds have been sold.

Plans Being Figured—Bids Close April 23, 1923, 2 p. m.
SCHOOL Cost, $250,000
YUBA CITY, Sutter Co., Cal.
Three 1 and 2-story hollow tile and pressed brick school buildings with tile roof.
Owner—Yuba City Union High School District.
Architect—Geo. C. Sellon & Co., Mitau Bldg., Sacramento.
Bids are being taken on the following segregations: (1) concrete, masonry and carpenter work combined; (2) concrete work and masonary work; (3) concrete work; (4) masonry work; (5) carpenter work; (6) plastering; (7) painting; (8) roofing; (9) plumbing; (10) heating; (11) sheet metal work; (12) electrical work; (13) mechanical equipment (including plumbing, heating, sheet metal and electrical work).
Plans may be obtained from the architect or clerk on a deposit of $25.
See call for bids under official proposal section in this issue.

Plans Being Refigured—Bids Close Apr. 23, 1923, 7:30 p. m.
SCHOOL Cost, $25,000
MILLBRAE, San Mateo Co., Cal.
One-story and basement frame and plaster school (3 rooms and auditorium).
Owner—Millbrae School District.
Architect—Ernest L. Norberg, Balboa Bldg., S. F. and Burlingame.
Bids are being taken for a general contract with separate bids for the plumbing and heating.
See call for bids under Official Proposals.

All Bids Rejected—New Plans To Be Prepared.
SCHOOL Cost, $350,000
TAFT, Tulare Co., Cal.
Group of reinforced concrete school buildings (1) auditorium, (2) gymnasium, (3) science bldg., (4) domestic science bldg., (5) shop bldg., (6) addition to present bldgs.
Owner—Taft Union High School Dist., E. W. Nisbet Jr., clerk.
Architect—W. H. Weeks, 369 Pine St., San Francisco.

Revising Plans — New Bids To Be Called For Shortly.
SCHOOL Cost, $45,000
MILLBRAE, San Mateo Co., Cal.
One-story frame and stucco school (4 classrooms and an auditorium).
Owner—Lomita Park School District.
Architect — Alfred Kuhn & Thos. M. Edwards, 833 Market St., S. F.

Contracts Awarded.
SCHOOL Cost $—
MOUNTAIN VIEW, Santa Clara Co., California.
Heating, ventilating, plumbing, painting, tile work, masonry work and blackboards.
Owner — Mountain View Union High School District.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
Masonry Work to Paul Messner, 1386 Palou St., San Francisco, $3389.
Heating to W. H. Pierce, 5656 College Ave., Oakland, $11,073.
Plumbing to Wm. F. Serpa of San Jose, $11,975.
Painting to R. Zelinsky, 180 Jessie St., San Francisco, $7235.
Blackboards rejected (lowest bid submitted by Rucker-Fuller Desk Co., San Francisco at $1138.

Plans Being Figured.
SCHOOL Cost, $100,000
BERKELEY, Kittridge St., and Harold Way.
Two-story reinforced concrete school.
Owner—Armstrong School for Private Secretaries.
Architect—Wm. H. Ratcliff Jr., 1st Natl Bank Bldg., Berkeley.
Figures are being taken for a general contract.

Plans Being Figured—Bids Close April 24, 1923, 8 p. m.
SCHOOLS Cost, $175,000
MODESTO, Stanislaus Co., Cal.
Two new brick grammar schools, $75,000 each and alterations to present schools, $20,000.
Owner—Modesto Grammar School Dist.
Architect — John J. Donovan, 1916 Broadway, Tapscott Bldg., Oakland
Bids are being taken for a general contract and heating contract. Plans may be obtained from the architect's office on a deposit of $25. **See call for bids under official proposals.**

Commissioned to Prepare Plans.
SCHOOL Cost, $30,000
SAN RAFAEL, Marin Co., Cal. West End School.
One-story brick elementary school.
Owner—San Rafael School District.
Architect—Shea & Shea, Chronicle Bldg., San Francisco.
Architects Shea & Shea have been selected as architects for the new schools to be erected under the $500,000 bond issue. The West End School will be the first to be erected.

LOS ANGELES, Cal.—Archt. Arthur S. Heineman, 831 San Fernando Bldg., L. A., has completed plans for a school bldg., to be erected on Hollywood Blvd near Vermont Ave. It will contain 8 rooms; 2-story, brick constr., cost $60,000. The L. A. Board of Education will advertise for bids shortly.

LOS ANGELES, Cal.—J. B. Dawson, Fay Bldg., was low bidder at $85,487 on the general contract for erecting a new bldg. at Lorena St. school site; H. C. Deckbar, archt. Low bidders on the other contrs were: R. C. Burdick on plumbing at $5970; W. E. Talbert Co., on painting at $2290; Western Eng. & Constr. Co., on heating at $7549; and American Elec. Constr. Co. on wiring at $4072.

LOS ANGELES, Cal.—L. A. Geisler, 163 S. Middleton Pl., Huntington Park, was low bidder at $55,975 on the gen. contr. for erecting a new bldg. at Clifford school site; C. F. Skilling, architect. Low bidders on the other contrs were: G. C. Sutton on plumbing at $5531; Dresher & Heinsbergen on painting at $2295; Western Eng. & Construction Co. on heating at $4354; and W. H. Nicholas Elec. Co. on wiring at $2253.

LOS ANGELES, Cal.—Robert E. Millsap, 123 Marsh-Strong Bldg., was low bidder at $85,390 on the general contr. for erecting a new bldg. at Alessandro St. school site; Harlow M. Kimball, architect. Low bidders on other contrs. were: Geo. A. Posthumus on heating at $5750; Davidson & Cameron on plumbing at $6962; W. E. Talbert Paint Co., on painting at $2175; and W. H. Nicholas Elec. Co. on wiring at $3186.

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GRESHAM, Ore.—Bids will be asked shortly by school trustees to erect one-story concrete and tile, 12-classroom and auditorium, 240 by 125 ft.; est. cost, $55,000. F. Manson White, architect, Sherlock Bldg., Portland.

NORWALK, L. A. Co., Cal.—Until 7:30 p. m., April 30, bids will be received by trustees of Excelsior union high school dist. for erecting a group of high school bldgs., plans for which were prepared by Archt. Theo. C. Kistner, 428 Surgeon Bldg., Santa Ana, and Bancroft Bldg., San Diego. Bids will be taken on 12 segregated contrs. There will be 7 bldgs.; main bldg., 2-sto., 225x67 ft.; domestic arts bldg., 1-sto., 190x46 ft.; commercial bldg., 171x47 ft., 1-sto. auditorium and music bldg., 80x152 ft.; manual arts bldg., 1-sto., 104x138 ft.; boys, and girls' shower and locker bldgs., each 1-sto., 38x88 ft.; brick and frame constr., plas. exter., tile and comp. rfs., $300,000.

MARSHFIELD, Ore.—Architect F. Manson White, Sherlock Bldg., Portland, completing plans for two-story reinforced concrete grade school, 112x144 ft. Will contain 14 classrooms and auditorium; est. cost, $70,000.

HANFORD, Kings Co., Cal.—Carl Nelson, Hanford, at approx. $8,000 awarded contract by trustees of Rustic School District to erect one-story brick school.

LOS ANGELES, Cal.—R. H. Whinery Grosse Bldg., was low bidder at $81,360 on the general contract for erecting a new bldg. at Murchison St. school site; Frank D. Hudson, archt. Low bidders on other contrs. were: Davidson & Cameron on plumbing at $5665; Munger & Munger on heating, at $7232; Parker-Judge Co. on painting at $2395; and American Elec. Constr. Co. on wiring at $4196.

LOS ANGELES, Cal.—McFadden & Winkelman, 1102 W Pico St., were low bidders at $61,000 on the general contr. for erecting a new school bldg. at Arlington Hts. school site, 7th Ave. and 17th St.; Richard D. King, 519 Van Nuys Bldg., archt. Low bidders on other contracts were: H. E. Murray on plumbing at $6150; Thos. Haverty Co. on heating at $419; Leo. H. Hubbert on painting at $2274; and Graham Elec. Co. on wiring at $2437. Two-story and basement, 86x67 ft., brick constr.

LOS ANGELES, Cal.—Robert E. Millsap, 423 Marsh-Strong Bldg., was low bidder at $80,490 on the general contract for erecting a new bldg. at Virgil junior high school, 1st St. and Vermont Ave.; Hunt & Burns, 701 Laughlin Bldg. archts. Low bidders on the other contracts were: G. C. Sutton on plumbing at $5827; J. Hokom on heating at $9747; Blakely Bros. on painting at $2689; and W. H. Nicholas Elec. Co. on wiring at $3360. Two-story and basement, 12 class rms.; brick constr., plas. exter., comp. roofing.

PORTLAND, Ore.—Hilmer J. Settergren, Builders' Exchange, at $203,495 submits low bid to School Board to erect Chapman School; F. Manson White, Portland, is the architect. Other low bidders: Plumbing, Rushlight, Hastor & Lord, $13,997; heating and ventilating, Alaska Plumbing & Heating Co., $19,092; electric work, NePage McKenny Co., $5,696.

LOS ANGELES, Cal. — Witt & Ike, 5530 Central Ave., were low bidders at $56,400 on the general contr. for erecting an addition at McKinley junior high school; Train & Williams, 226 Western Mutual Life Bldg., archts. Low bidders on other contrs. were: Thos. Haverty Co. on heating at $2680; W. E. Talbert Paint Co. on painting at $1490; and Graham Elec. Co. on wiring at $2178.

SANTA ROSA, Sonoma Co., Cal.—Until April 23, 8 P. M., bids will be rec. by Sara N. Hatch, sect'y., Bd of Education, for fur. and install. in new Lincoln Grammar School: Blackboards, cork carpets, window shades, electric fixtures and stage curtain. W. H. Weeks, architect, 369 Pine St., San Francisco. **See call for bids under official proposal section in this issue.**

NEWPORT BEACH, Orange Co., Cal. —Until 2 p. m., April 16, bids will be rec. by the trustees of Newport Beach school dist. for erecting a new school bldg. at Newport Beach. Theo. C. Kistner, San Diego, and 428 Spurgeon Bldg. Santa Ana, archt. Bids will be taken separately on the general cont., plumbing, heating and wiring. The bldg. will contain 4 classrms., auditorium to seat 525 people, kindergarten, library, teachers' rm.; brick and tile constr., plas. exter., clay tile and comp. rfg.

LOS ANGELES, Cal. — Witt & Ike, 5530 Central Ave., were low bidders at $38,091 on the general contr. for erecting a new bldg. at E 1st St. school site... Krempel & Erkes, archts. Low bidders on other contrs were: Davidson & Cameron on plumbing at $1360; Parker-Judge Co. on painting at $1740; Western Engr. & Constr. Co., on heating at $4242; and American Elec. Constr Co. on wiring at $1574.60.

LOS ANGELES, Cal.—Until 5 p. m., April 26 ,bids will be rec. by the L. A. Bd. of Education, rm. 525 Security Bldg. Pasadena, for erecting the new Northeast school bldg., Pasadena. John C. Austin, Detwiler Bldg., Los Angeles, archt. Fourteen rms., 2-sto., reinf. conc. walls, stucco exter., comp. rfg., pine trim, maple fls.; $90,000.

LOS ANGELES, Cal.—Until 9 a. m., April 25, bids will be rec. by the board of education for erecting new school bldgs. as follows:

For erecting new bldg. at Estara Ave school site, at Estara Ave. and Fletcher Dr.; Herbert C. Howard, archt. 12 rms., 2-sto. 67x156 ft, brick constr., clay tile rfg., pine trim, maple fls., steam htg., $84,000.

For erecting new bldg. on Yorkdale school site, s.e. cor. Straford Rd. and Nolden Ave.; Parker O. Wright, archt. Fourteen rms., 2-sto., 60x145 ft. and 44x157 ft.; brick constr., comp. rfg.; $104,000.

Bids will be taken separately on general contract, plumbing, heating, wiring and painting. Plans and spec. may be obtained at the secretary's office, 730 Security bldg.

HANFORD, Kings Co., Cal.—Until April 21, 12 M., bids will be rec. by T. H. Lohse, clerk, Kings River School District, for fur. 200, more or less, auditorium chairs for school. Samples must be submitted with bids. Bids will be opened in office of county supt. of schools on above date.

GARDEN GROVE, Orange Co., Cal.—All bids received by the Garden Grove grammar school board April 7, for the erection of a new grammar school bldg. at Garden Grove were rejected. Plans will be revised and new bids taken. The low bids received were: **General contract**—L. Schaf, 1310 W 41st Pl. $95,000. **Composition Roofing**—Weaver Rfg. Co., $1200. **Tile Roofing**—I. A. Drummond, $2595. **Sheet Metal** — S. Hill & Sons $1393. **Ventilating**—Modern Gas Appliances, $3076.50. **Heating** — Potter Rad. Co., $2930. **Electric Wiring**—E. Robinson & Co., $2775. **Plastering**—Smith & Miller, $14,948. **Plumbing** — E. Manning, $6643. **Brick and tile wk.**—H. Riemers, $22,500. **Vitrolite Partitions**—Raphael Glass Co., $3225. **Hardwood Floors** — Hammond Lbr. Co., $5343. **Mill Work**—Crown Sash & Door Co., $8886. **Rough Lumber**—E. K. Wood Lbr. Co., $5210. **Painting** — Alhambra Wall Paper & Paint Co., $3700. Plans by Arthur G. Lindley, Chas. Selkirk, assoc., 800 Am. Bank Bldg., L. A.

CORCORAN, Kings Co., Cal.—Until April 20, 6 P. M., bids will be rec. by R. S. Phelps, principal, Corcoran Union High School, P. O. Box, 456, Corcoran, for furnishing:

Ten doz. folding chairs with 5-ply curved veneer back and seat (similar to chair illustrated in C. F. Webster & Co. Catalog as No. 90); for delivery not later than May 15, 1923.

Twenty-five Movable Chair Desks, Large Size, with drawer and adjustable desk, (similar to Moulthrop No. 10, sizes 1 and 2).

Six Manual Training Benches 52x22x32 in. with rapid acting vise (similar to Sheldon "Alaska Model"). These to be delivered not later than August 15.

ALAMEDA, Alameda Co., Cal.—Board of Education rejects bids for flooring in Lincoln Primary School and work will be done by school department.

HUNTINGTON PARK, L. A. Co., Cal. —E. Vonder Becke, cor. Olive St. and Huntington Dr., Huntington Park, has the contr. at about $50,000 for the erection of a 6-room and auditorium school bldg. at Huntington Park, for the Catholic Bishop of Los Angeles and San Diego. Plans by Archts. Farrell & Miller, 700 Western Mutual Life Bldg. Brick, 2-story and basement, T shape, tile rfg; steel sash, auditorium to seat 450.

TUSCON, Ariz.—Edw. C. English, 508 Cit. Nat. Bank Bldg., Los Angeles, was low bidder at $468,800 on the general contr. for erecting a new high school bldg. at Tueson, Ariz. Lyman & Place archts. Low bids on other contrs. were: Corbett Hdwe. Co., Tueson, on plumbing at $29,995; M. F. Dicus on heating at $64,890; New State Electric Co. on wiring at $29,143; Neff Stiles Co. on steel lockers at $7466; and Bonded Floors Co. on linoleum at $19,548.

LOS ANGELES, Cal.—J. C. Bannister 903 N Mariposa Ave., was awarded the general contr. at $112,535 for erecting new school bldg. at Glassell Park school site. The contr. was awarded on his original bid of $122,177 with deductions of $6000 for cast stone trim, $3343 for comp. shingle rfg., and $297 for omitting plas. cornice. Edward C. Taylor, archt.; Ellis W. Taylor, engr. Other contracts were awarded as follows: Plumbing to E. W. Crowell Co., at $7879; heating to Western Engr. & Construction Co. at $8500; painting to Parker-Judge Co. at $4010 and wiring to W. H. Nicholas at $4811.

LOS ANGELES, Cal.—J. V. McNeil Co. 736 H. W. Hellman Bldg., has been awarded a contract at about $85,000 for all work complete for erecting a 3-sto. school bldg. at Sichel and Baldwin Sts. for the Dominican Sisters. John C. Austin, 1125 Detwiler Bldg., archt. Dimensions, 76x151 ft., reinf. conc. constr., plas. exter., tile and comp rfg., pine trim.

LOS ANGELES, Cal.—J. A. Hill Construction Co., 1749 W 23rd St., was awarded the general contr. at $69,890 for erecting a new school bldg. at 75th St. school site. A. S. Nibecker, Jr., Washington Bldg., archt. Other contrs. were awarded as follows: plumbing to Buffalo Plumbing Co., at $6455; heating to Western Engr. & Constr. Co., at $6470; painting to E. Drawbaugh at $2600 and wiring to Graham Elec. Co., at $3289. It will contain 12 rooms, 1-story and part 2-story, brick constr.

LOS ANGELES, Cal.—The Board of Education has commissioned Archt. Geo M. Lindsey, 327 Laughlin Bldg., Los Angeles, to prepare plans for the 5-rm. add. to Acacia school bldg., $35,000, and 3-room add. to Grand View school, $21,000. Archt. A. F. Priest, Fay Bldg., Los Angeles, has been commissioned to prepare the plans for 6-room an auditorium add. to Glendale Ave. Intermediate School, $53,000 and 4-rm. add. to Columbus Ave. school, $28,000.

TORRENCE, L. A. Co., Cal.—The bd. of education rejected all bids for erecting new high school bldg. at Torrance. Archts. Farrell & Miller, Western Mutual Life Bldg., L. A., will revise the plans and the work will be readvertised.

BANKS, STORES & OFFICES

Plans To Be Prepared.
ADDITION Cost—
SACRAMENTO, Sacto. Co., Cal., 8th St. 40x160 ft. running from J to California.
Fireproof addition to present bank bldg
Owner—Farmers & Mechanics Savings Bank (Robt. M. Richardson, pres.)
Architect—None selected.

Plans to be Prepared.
MARKET BLDG. Cost, $40,000
SAN RAFAEL, Marin Co., Cal. N-4th Street.
One-story reinforced concrete market building.
Owner — J. Alberts, 510 5th St., San Rafael.
Architect—Not Selected.

Contract Awarded.
STORE BLDG. Cost, $20,000
OAKLAND, Alameda Co., Cal. 17th St. and Broadway.
Two-story and mezzanine floor fireproof store building.
Owner—Walter D. Reed.
Lessee—Hudson Bay Fur Co.
Architect—Reed & Corlett, Oakland Bank of Savings Bldg., Oakland.
Contractor — Fred Muller, Syndicate Bldg., Oakland.

Excavating Bids Being Taken.
OFFICE & STORE BLDG. $200,000
OAKLAND, Alameda Co., Cal., N 15th St. and San Pablo Ave., L-shaped lot.
Three-story reinf. conc. class B office and store building.
Owner—C. W., Rex W., & Van Midgley American Theatre Co., San Pablo Ave. and 17th St., Oakland.
Architect—Willis C. Lowe, Monadnock Bldg., San Francisco.
Contractor—P. A. Palmer, Monadnock Bldg., San Francisco.

Plans Being Prepared.
DEPARTMENT STORE Cost $—
SAN FRANCISCO, W Mission St. near Twenty-second St., 130 ft. on Mission St.
Reconstruct three-story and basement frame department store building (concrete walls, tile front, etc.)
Lessees—Wm. R. Davis & Bro., 2528 Mission St., San Francisco.
Owner—Kiel Estate.
Architect—Frederick W. Quandt, Monadnock Bldg., S. F.

Preliminary Plans Being Prepared.
STORE & OFFICE Cost—
SAN FRANCISCO, W Sansome St., bet. Pine and California.
Six-story reinforced concrete store and office building.
Owner—T. C. Kierulff, Balboa Bldg., San Francisco.
Architect — Benj. G. McDougall, 381 Bush St., San Francisco.

Plans Being Prepared.
OFFICE & STORE Cost, $375,000
OAKLAND, Alameda Co., Cal., NE 14th and Franklin.
Six-story basement and mez. floor class A steel frame and reinforced concrete office and store bldg., pressed brick and terra cotta facing.
Owner—Alameda County Title Insurance Co.
Architect—Chas. W. McCall & Chas. T. Davis, Central Bank Bldg., Oakland

Plans Being Prepared.
STORE, LOFT, OFFICE BLDG. Cost
SAN FRANCISCO, S Market W 7th.
Five-story fireproof store and loft or office building.
Owner—A. F. Rousseau, 110 Sutter St., San Francisco.
Architect—D. C. Coleman, 110 Sutter St San Francisco.

Bids Opened.
OFFICE BLDG. Cost, $55,000
BERKELEY, Alameda Co., Cal., Shattuck Ave. and Addison St.
Two-story and basement reinforced concrete bank and office building with store in basement (cement exterior).
Owner—College National Bank of Berkeley.
Architect — Chas. W. McCall, Central Bank Bldg., Oakland.
General Contract (All Except Electric Wiring)
H. P. Nelson, 1947 Blake St., Berkeley $40,220
Walter Sorensen, Berkeley 40,865
Barrett & Hilp, S. F. 41,760
M. E. Hopper & Son, Oakland 41,968
John Bartlett, Oakland 41,987
F. E. Allen 42,681
M. Lucas 43,414

Contract Awarded.
OFFICE BLDG. Cost, $41,990
BERKELEY, Alameda Co., Cal., Shattuck Ave. and Addison St.
Two-story and basement reinforced concrete bank and office building with store in basement (cement exterior).
Owner—College National Bank of Berkeley.
Architect — Chas. W. McCall, Central Bank Bldg., Oakland.
Contractor—H. P. Nelson, 1947 Blake St — Berkeley.

To Be Done By Day's Work.
ADDITION Cost, $15,000
SAN FRANCISCO, NW Union and Van Ness Ave.
Raise flats and add for stores.
Owner—Sutton Development Co., Alexander Bldg., San Francisco.
Architect—August G. Headman, 747 Call Bldg., San Francisco.

Plans Being Prepared.
ALTERATIONS Cost, $10,000
SAN FRANCISCO, NW Bush and Battery Streets.
Alterations to brick store building.
Owner—Withbeld.
Architect—A. H. Knoll, Hearst Bldg., San Francisco.

VISALIA, Tulare Co., Cal. — Pacific Southwest Trust and Savings Bank will erect a 5-story bank and office bldg. to cost $275,000. Plans are being prepared now and it is probable that work will start soon, now that the Fresno branch bldg. is under way. Temporary quarters are being prepared by remodeling the bldg. now occupied by the bank.

MANTECA, San Joaquin Co., Cal.—Manteca Telephone Co. will erect an $8,000, brick office building, 25 by 65 ft., in Sycamore St.

LOS ANGELES, Cal.—Archt. Chas. F. Plummer, 1108 Story Bldg., is preparing plans for a 3-story and basement class A gen. market bldg. to be erected at the s. w. cor. of 7th St and Union Ave. for Young's Market Co. It will be 130x150 ft. and will contain quarters for the main offices of the owners together with their central market, bakery and shipping depts. Steel frame constr., brick filler walls, granite columns of street fronts, Bedford stone facing above, polychrome terra cotta cornice, bronze store fronts. Cost $500,000.

SEATTLE, Wash.—Jas. E. Blackwell Hoge Bldg., taking bids for 10-story & basement, steel and concrete, office and store building to be erected at s.w. 6th Ave. and Pine St., for Shafer Bros., est. cost $300,000. Bids close April 30.

LOS ANGELES, Cal.—Archt. A. C. Martin, 431 Higgins Bldg., is preparing plans for inter and exter. alter., and addn. to department store bldg. at 801 S Broadway, for the May Corp., successors to A. Hamburger & Sons! work to consist of a 3-story top addn., 4 new entrances, inter. and exter. alter. Steel frame constr., 300x170 ft., terra cotta facing, brick curtain walls, hollow tile partitions, Marquis, marble and maple fls., 8 additional elevators, ventilating system, comp. rfg., plate glass, ornam. store fronts, skylights, pent houses, escalators; coat $1,250,000.

LOS ANGELES, Cal.—Stanton, Reed & Hibbard, 622 Metropolitan Bldg. have prepared plans and have the contr. to erect a 2-story automobile bldg. on Figueroa St., bet. 16th and 18th Sts. for H. E. Field. It will be 113x155 ft., with a large show rm. with tile floor; brick constr., press. brick and terra cotta facing. Cost $90,000.

LOS ANGELES, Cal.—Archts Morgan, Walls & Morgan, 1124 Van Nuys Bldg., are taking bids for erecting a 2-story mezzanine sto. class A automobile bldg. on Figueroa St. near Pico St., for J. A. Graves. Found., 100x155 ft., reinf. conc. constr., terra cotta and press. brick facing, tile showrooms, comp. rf., metal skylights, steel sash, elevator.

LOS ANGELES, Cal. — Archts. John Parkinson and Donald B. Parkinson, 420 Title Insurance Bldg., are preparing plans for a 12-story and basement class A office bldg. to be erected on Flower St. near 8th St. for the L. A. Gas & Elec. Corp. It will be 120x163 ft. and probably of steel frame constr. Cost, $1,000,000.

THEATRES

SANTA BARBARA, Santa Barbara Co., Cal.—Charles M. Urton, of Santa Barbara, has the contract at $494,000 for the erection compl. of the "Granada" class A theatre and office bldg., 80x215 ft., at Santa Barbara for Edward A. Johnson; constr. started April 6. A. B. Rosenthal, 709 Jr. Orpheum Bldg., Los Angeles, archt. Bids for subcontracts under general contr. will be received by archt. Bldg. designed in Spanish renaissance. Office portion will be 8-story reinf. conc. constr.. Theatre auditorium and balcony will be steel frame constr. and stage will be reinf. conc. Press brick exter. with polychrome terra cotta trimmings and marquise, heating and ventilating system, staff work, pipe organ. Theatre will seat 1800.

GLENDORA, L. C. Co., Cal.—Mans Hopper, Glendora has commenced work on a $75,000 1-story bank, store and theatre building at Michigan Ave. and Foothill Blvd., Glendora, for the Foothill Finance Corp. Six stores, banking room and 800 seat theatre. Press. brick exter, tile and comp. rf. Cyril Bennett, 600 Security Bldg., Pasadena, archt.

SAN DIEGO, Cal.—Archt. William H. Wheeler, 610 Spreckels Bldg. San Diego and 664 I. W. Hellman Bldg., Los Angeles, is completing plans and spec. for a 5-story office, store and theatre bldg., 150x100 ft. to be erected at 14th and E Sts., for the Balboa Bldg. Co. The bldg. will be of Spanish type with high tower. Whiting-Mead Comml. Co. is wrecking the existing bldgs.

MISCELLANEOUS BUILDING CONSTRUCTION

Plans Being Prepared.
BUILDINGS Cost, $500,000
SAN FRANCISCO, Blk bound. by Beach, Jefferson, Jones and Leavenworth.
Several class B reinforced concrete buildings, tanks, etc. for oil distributing plant (warehouse, garage, bollerhouse, Foam Fire protection system tanks)
Owner—Standard Oil Co.
Owner—Engineering Dept of owner. Construction will be started within sixty days.

Plans Being Prepared.
UNDERTAKING PARLORS $35,000
STOCKTON, San Joaquin Co., Cal.
Two-story frame and stucco undertaking parlor (15 room) and 1-story frame garage, chapel with choir loft and organ.
Owner—Withbeld.
Architect—Mayo, Cowell and Bissell, Merced and 21 S San Joaquin St., Stockton, Cal.

Contract Awarded.
MAUSOLEUM Cost, $7,500
SALEM CEMETERY, San Mateo Co.
Granite mausoleum.
Owner—Sol Kahn.
Architect—Mel I. Schwartz, Nevada Bk. Bldg., San Francisco.
Contractor—Raymond Granite Co., 3 Potrero Ave., San Francisco.

SANTA MONICA, L. A. Co., Cal. — Archt. William Lee Wollett, Pacific Mutual Bldg., Los Angeles, is preparing plans for an amusement pier, containing theatre and dance hall, to be erected near the present municipal pier for Santa Monica Pier Amusement Co., (H. T. Johnson and J. B. Benson). Est. cost, $1,000,000. Pompeiian architecture will be used throughout.

SAN DIEGO, Cal.—Archt. William H. Wheeler, 664 I. W. Hellman Bldg., Los Angeles and San Diego, is preparing plans for a pretentious amusement project at Mission Beach, backed by the Spreckels interests. The plans include an auditorium, dance hall, cafe and pavilion. The street railway company, also a Spreckels company, will constr. a line from San Diego to the proposed resort.

KELSO, Wash.—Westlake Construction Co., St. Louis, Mo., at approx. $70,000 awarded contract by Long-Bell Lumber Co., Kelso, to erect two-story brick and terra cotta, 100 by 120 ft., store and office building to house real estate department of company at new townsite. Contract for community house to contain swimming pool, gymnasium, bowling alleys, etc., will also be let to Westlake Company, this structure to cost $120,000.

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Send me Building and Engineering News for one year, commencing with next issue, for which I enclose check for $4.00 (Remittance must accompany order)

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Official Proposals

A call for bids published in this section indicates that bids are desired from other than local bidders Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

NOTICE TO BIDDERS

(Modesto City School District)

(Two Brick Schools and Additions to Two Schools, Estimated Cost, $175,000)

Separate Sealed Proposals will be received at the office of the Board of Education of the Modesto City School District of Stanislaus County, California, in the High School Building, Modesto, California, between 7:30 P. M. and 8:30 P. M., on Tuesday, April 24th, 1923 for the General contract and Heating Work required for the erection of a new school on the Maze Lot, a new school on the Morris Lot, an addition to the Washington School, and an addition to the Seventeenth Street School.

Bids will be opened at the end of the latter hour and publicly announced.

Plans and specifications for divisions of the work may be obtained at the office of John J. Donovan, Architect, Oakland, California, and may be seen at the office of the Board, at the office of John J. Donovan, Architect, 916 Broadway, Oakland, California, at the office of Dodge-Hellier-Price Co., Architects, Delta Bldg., Stockton, California, and at the office of James H. Hoose, Architect, Ramont Bldg., Modesto, California.

A deposit of $25.00 will be required as a guarantee of the return of the plans and specifications taken from the office and will be refunded to the contractor when the plans and specifications are returned in good condition.

Bidders will take notice that under no circumstances will proposals be received after the hour specified in this Kathleen G. Prewett, secretary of the advertisement.

Proposals shall be delivered to Board of Education, Modesto City School District, Modesto, California, enclosed in an opaque sealed envelope, addressed to the Board of Education, Modesto City School District, Stanislaus County, California. There on the envelope the name of the bidder and the words "Bid for the General Contract, or Heating Contract, on a new school on the Maze Lot, a new school on the Morris Lot, an addition to the Washington School, and an addition to the Seventeenth School."

A certified check or cash for ten per cent of the amount of the proposal made payable to the Modesto City School District of Stanislaus County, California, must accompany each proposal. Should a bidder fail to maintain bond and sign a contract for the amount of his proposal, his check will be forfeited. All checks will be returned to the bidders on application at the office of the Secretary of the Board, after the contract has been signed and bond furnished by the contractor. Whose bid has been accepted. Bidders bonds will be accepted by the Board in lieu of cash.

The consistence and responsibility of bidders will be considered in making the award. The Board of Education reserves the right to reject any or all bids.

Dated this 9th day of April, 1923.

KATHLEEN G. PREWETT,
Secretary of the Board of Education of Modesto City School District.

NOTICE TO CONTRACTORS

(Santa Rosa-Lincoln Grammar School, Blackboards, Linoleum, Shades, Light Fixtures, Stage Curtain)

Notice is hereby given that sealed bids will be received and opened by the Board of Education of the City of Santa Rosa School District, Sonoma County, State of California, in the present High School Annex building in Santa Rosa, at 8 P. M., April 23, 1923, for the installation and completion of furnishings and equipment listed below in the New Lincoln Grammar School Building, in said City of Santa Rosa, State of California, according to plans and specifications prepared for the same by W. H. Weeks, Architect.

Bids will be received on work as follows:

Blackboards.
Cork carpet.
Window shades and metal guides.
Electric light fixtures.
Stage curtain.

Plans and specifications may be seen at the office of the Architect, W. H. Weeks, 369 Pine St., San Francisco, California, or at the office of W. Herbert, 506 Rosenberg Bldg., Santa Rosa, California.

All bids should be presented on bid forms furnished by the Architect.

Each bid must be accompanied by certified check on some responsible California bank in a sum of not less than Five Per Cent (5%) of the amount bid, made payable to Mrs. Sara N. Hatch, Secretary of the Board of Education of the City of Santa Rosa School District, for the purpose stated in the specifications.

Each bid must be enclosed in sealed envelope and addressed to Mrs. Sara N. Hatch, Secretary of the Board of Education, and bid marked "Proposal for (name part bid) for Lincoln Grammar School Building."

The Board of Trustees reserve the right to reject any and all bids.

Bids must be delivered to the undersigned Secretary of the Board of Education, at her office in the present High School, in the said City of Santa Rosa, at the time and place of hearing above stated, or anytime up to the hour of opening of said bids.

SARA N. HATCH,
Secretary of Board of Education, City of Santa Rosa, Sonoma County, California.

NOTICE TO CONTRACTORS

(Two Brick and Pressed Brick School Buildings, Estimated Cost $225,000)

Notice is hereby given that sealed bids will be received by the Board of Trustees of the Yuba City Union High School District, Yuba City, California, at the office of the Clerk of said Board at the Principal's office in the temporary school, located in Yuba City, Sutter County, California until 2 o'clock P. M., Monday, April 23, 1923, for the erection of a group of high school buildings to be built in Yuba City, California, according to plans and specifications on file and prepared for the same by Selion & Company, the authorized architects.

Bids will be received for the various branches of the work as follows: For the concrete work, mason work and carpenter work combined; for the concrete work; for the mason work; for the carpenter work; for the plastering; for the painting; for the roofing; for the plumbing; for the heating; for the sheet metal work; and for the electrical work.

Bids will be received for the mechanical construction (including plumbing, heating, sheet metal and electrical work).

Plans and specifications can be seen at the office of the Clerk of the Board at Yuba City, California, and may be seen at or obtained from the office of the Architects, 203 Mitau Building, Sacramento, California. A cash deposit of $25.00 will be required from all prospective bidders on all copies of plans and specifications loaned out, as a guarantee of the same being returned.

All bids shall be received with alternate propositions, and all shall be presented on blank forms which may be procured at the office of the Architects.

Each bid must be accompanied by a certified check on some responsible California bank for a sum of not less than ten per centum (10%) of the amount of the bid, made payable to V. W. Cooley, Clerk of the Board of Trustees, as a guarantee of good faith that the party to whom the contract may be awarded will, within ten days after the award is made, enter into the necessary agreement and furnish the necessary bonds for faithful performance of said work, and in case the bidder to whom the contract is awarded fails or refuses to enter into said agreement, or to furnish said bonds, said check will be forfeited to the said School District in the manner provided by law. Each bid must be enclosed in a sealed envelope and addressed to V. W. Cooley, Clerk of the Board of Trustees of Yuba City Union High School District, Yuba City, California, and endorsed "Proposal for building school."

The Board of Trustees expressly reserves the right to reject any or all bids.

By order of the Board of Trustees of Yuba City Union High School District, Yuba City, Sutter County, California.

CARL K. SCHNABELT, President.
V. W. COOLEY, Clerk.
ARTHUR COATS,
W. E. DAVIS,
H. C. McMAHON, Trustees.

NOTICE TO CONTRACTORS

(Sanitary Sewer System)

Sealed proposals will be received at the office of the Board of Trustees of the Town of Yuba City, until 8 p. m., Monday, May 7th, 1923, at which time they will be publicly opened and read, for construction in accordance with the specifications thereto, to which reference is made as follows:

Sanitary Sewer System Pipe Sewer

Item 1. (Alternative "A")

For furnishing and laying approximately [illegible] feet of 12-inch concrete pipe sewers;

Item 2. (Alternative "B")

For furnishing and laying approximately [illegible] feet of 12-inch vitrified clay pipe sewers;

QUANTITY SURVEYOR
Valuation Engineers
Building and Engineering Works
R. H. TRUSTY
[illegible] Mission Street and Third St.
San Francisco, Calif.
Telephone Douglas 2[illegible]

700 feet of 12-inch vitrified clay pipe sewers;
6 manholes;
5 lampholes;
1 automatic flusher.

Item 2:—

Furnishing and laying approximately 2500 feet of 12-inch concrete pipe for pressure line.

The foregoing quantities are approximate only, and the Board of Trustees does not expressly or by implication, agree that the actual amount of work will correspond therewith, but reserves the right to increase or decrease the amount of any class or portion of the work, as may be deemed necessary or expedient by the said Board.

All bids are to be compared on the basis of the City Engineer's estimate of the quantities of work to be done.

Plans may be seen and forms of proposal, bonds, contract and specifications may be obtained at the office of the City Engineer, Yuba City, California. A charge of $10.00 will be made on each set of plans taken from the office.

No bid will be received unless it is made on the blank form furnished for the purpose.

The Board of Trustees reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the City.

Board of Trustees of the Town of Yuba, California.

C. C. KLINE, Clerk of said Board
Yuba City, April 4th, 1923.

NOTICE TO CONTRACTORS

Notice is hereby given that the Board of Trustees of the Millbrae School District, San Mateo County, California, will receive bids for the erection of a school building in said Millbrae School District, San Mateo County, State of California, on the property lately acquired by said school district at Millbrae, in the said Millbrae School District. The plans and Specifications for the building may be secured by applying to the Architect of same, E. L. Norberg, at his office, 407 Occidental Avenue, Burlingame, California. The work on said building must be performed according to said plans and specifications and completed in 120 (one hundred twenty) working days from the date of execution of contract for said building. All bids must be accompanied by a certified check for 10% of the amount of the contracts, and the Board of School Trustees reserves the right to reject any or all bids.

Plans and specifications for separate contracts for heating and plumbing of the above mentioned Millbrae School Building may be obtained from the architect of said building, E. L. Norberg.

The bids may be sent to the Clerk of the Board, George J. Davis, at his place of residence, Millbrae, California, **not later than 7:30 o'clock P. M., Monday, April 23, 1923,** or may be delivered to him in person at the Millbrae School on the same date, up **to 8 o'clock P. M.,** when said bids will be opened and considered by the Board of Trustees of said Millbrae School District.

GEORGE J. DAVIS,
Clerk of Board of School Trustees, Millbrae School District, San Mateo County, California.

BIDS WANTED FOR SHINGLING

NOTICE TO CONTRACTORS

Sealed Proposals, indorsed "Proposals for Re-roofing Eight Buildings at the Marine Barracks Reservation, U. S. Navy Yard, Mare Island, California. Specification No. 4825," will be received at the Public Works Office, Mare Island, California, until 11 o'clock a. m., May 2, 1923, and then and there publicly opened, for shingling the roofs of eight buildings, designated as "West Barracks" and numbered 342, 344, 346, 348, 350, 352, 366 and 374, all at the U. S. Navy Yard, Mare Island, California. Drawings and Specification No. 4825 may be obtained on application to the Bureau or to the Commandant, Navy Yard, Mare Island, California. Deposit of a check or postal money order for $10.00, payable to the Chief of the Bureau of Yards and Docks, is required as security for the safe return of the drawings and specification. L. E. GREGORY, Chief of Bureau, April 1, 1923.

BIDS WANTED FOR ASSEMBLY BUILDING

(One-story Brick, Concrete and Steel Structure with Tile Roof. Estimated Cost, $40,000)

NOTICE TO CONTRACTORS

Sealed bids will be received by Geo. B. McDougall, State Architect, Chief, Division of Architecture, Forum Building, Sacramento, California, **up to and including 12 o'clock noon, Tuesday, May 8th, 1923,** said bids then and there to be publicly opened and read, for furnishing all plant, materials and doing the work required for the erection and completion of an Asembly Building at the Whittier State School, Whittier, California, in accordance with plans and specifications therefor, copies of which may be obtained on application to the Division of Architecture, State Department of Public Works, Forum Building, Sacramento, California.

Such bids will be received for all work complete and must be submitted on forms prepared and furnished by said Division of Architecture.

Cash, a bidder's bond, made payable to the State of California, or a certified check made payable to the "State Engineer, Department of Public Works," in the sum of at least ten per centum (10%) of the amount of the bid, must be enclosed with each bid.

A deposit of Twenty-five ($25.00) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of plans and specifications to the said Division of Architecture, at Sacramento, California, in good condition.

The Division of Architecture, State Department of Public Works reserves the right to reject any or all bids and waive any informality in any bid received.

All bids must be addressed to Geo. B. McDougall, State Architect, Chief, Division of Architecture, Forum Building, Sacramento, California, and plainly marked on the envelope: "Proposal for Assembly Building, Whittier State School, Whittier, California."

STATE DEPARTMENT OF PUBLIC WORKS, DIVISION OF ARCHITECTURE,

GEO. B. McDOUGALL,
State Architect.
R. M. MORTON,
Director of Public Works.

NOTICE TO BIDDERS

(Modesto Irrigation District, Stanislaus County, California)

Sealed proposals will be received at the office of the Modesto Irrigation District at Modesto, California until **10 a. m. on May 2nd, 1923,** for materials required in the building of distributative lines within the boundaries of said District.

Specifications for the following eight schedules of materials will be furnished upon application accompanied by a deposit of $5.00 per schedule to be repaid to the successful bidder and to all others, upon the return by them of the specifications in good and acceptable condition. The contract will be let to the lowest responsible bidder, but the Board of Directors reserve the right to reject any or all bids.

Schedule No. 1. 900 Butt treated poles.
Schedule No. 2. 2150 Crossarms.
Schedule No. 3. Hardware for approximately 40 miles line.
Schedule No. 4. Metal and wood pins 2300 and 2500 respectively.
Schedule No. 5. Insulators 4250.
Schedule No. 6. Copper wire 139,500 lbs.
Schedule No. 7. 11 K. V. 3 pole switches 9.
Schedule No. 8. 4-1000 K. V. A. and 6-150 K. V. A. transformers.

Bidders may submit bids upon either or all the schedules, but no proposal will be considered for a part of any schedule.

Each proposal must be accompanied by a certified check for five per cent of the amount of the bid, payable to the order of the Treasurer of the Modesto Irrigation District, for the benefit of said District, as a guaranty that the bidder will, if successful, execute a satisfactory contract and furnish a bond in the sum of not less than 25 per cent of the amount of his bid for the faithful performance of the work in accordance with the specifications, the said bond to be subject to the approval of said Board. The proposal must be marked "Proposal for Material for Electric Distribution," and address "Modesto Irrigation District, Modesto, California."

Done in pursuance of the order of the Board of Directors of the Modesto Irrigation District this 9th day of April 1923.

C. S. ABBOTT,
Secretary of the Modesto Irrigation District.

BIDS WANTED FOR FRAME AND HOLLOW TILE STOREHOUSE

NOTICE TO CONTRACTORS

SEALED PROPOSALS, indorsed "Proposals for Storehouse, Pearl Harbor, Hawaii, Specification No. 4692," will be received at the Bureau of Yards and Docks, Navy Department, Washington, D. C., until 11 o'clock A. M., May 23, 1923, and then and there publicly opened, for two-story storehouse at the Naval Operating Base, (Air Station), Pearl Harbor, T. H. The building will have concrete foundations, frame, floors, roof and loading platform; stuccoed hollow tile curtain walls; hollow tile partitions; steel sash; metal covered doors, built up roofing; electric freight elevators; plumbing system; electric light and power system; and sprinkler system. Drawings and Specification No. 4692 may be obtained on application to the Bureau, to the Commandant, Naval Station, Pearl Harbor, T. H., or to the Commandant, Navy Yard, Mare Island, Calif. Deposit of a check or postal money order for $10, payable to the Chief of the Bureau of Yards and Docks, is required as security for the safe return of the drawings and specification.

L. E. GREGORY, Chief of Bureau,
March 22, 1923.

NOTICE TO COTRACTORS

(Paintersville Bridge, Sacramento County)

Sealed bids will be received by the clerk of the board of supervisors of Sacramento county, California, at his office in the courthouse at Sacramento California, up to **2 o'clock p. m., April 24, 1923,** for furnishing and delivering the structural steel, machinery, and all steel materials for a highway bridge over the Sacramento river near Paintersville, Sacramento County, California.

Each bidder must submit a proposal to the clerk of the board of supervisors on standard forms, which may be obtained from the county engineer's office, said proposal to be accompanied by a certified check to the amount of ten per cent (10%) of the total amount bid, said check to be made payable to the chairman of the board of supervisors of Sacramento county, California.

Plans and specifications are on file in the office of the county engineer and the clerk of the board of supervisors of Sacramento county, to which bidders are hereby referred. Copies of said plans and specifications will be mailed to any address upon receipt of check for $10, made payable to the chairman of the board of supervisors, said check to be returned upon return of the plans.

The board of supervisors reserves the right to reject any and all bids and to waive any informality in the bids received, as the public good may require.

HARRY W. HALL,
County Clerk and ex-officio Clerk of the Board of Supervisors of Sacramento County.
By F. M. Lampert, Deputy.

REMOVAL NOTICE OF PIERSON'S TECHNICAL SCHOOL

On April 14th, Pierson's Technical Training School will move from the Grant Building, 1095 Market street, to the newly completed Washington Building, 1141 Market street, where Mr. Pierson has leased larger and more suitable quarters for his classes. The work of the school will not be interrupted in any way by this move. Classes will assemble Monday, April 16th, according to regular time-schedule.

Engineering News Section

BRIDGES

SAN ANSELMO, Marin Co., Cal.—Until April 30, 8 p. m., bids will be rec. by Arthur Studley, town clerk, to const. conc. bridges, together with grading, paving and curbing of the necessary approaches thereto, to replace existing wooden highway bridges across San Anselmo Creek. Est. cost $60,000. Cert. check 10% payable to town req.

YREKA, Siskiyou Co., Cal. — Union Bridge Co., Portland, Ore., commissioned by Siskiyou supervisors to prepare plans for overhead railroad crossing at Klamathon.

PASADENA, Cal.—The $100,000 bond issue for the new Arroyo Seco bridge to Linda Vista carried.

EUREKA, Cal.—See "Streets & Sewers," this issue.

KELSO, Wash.—Hart Const. Co., Tacoma, Wash., awarded cont. by Long-Bell Lumber Co., to const. 2200 ft. of trestle approach to steel bridge to be constructed by Longview, Portland and Northern Rlwy. Co., over Cowlitz river.

WILLOWS, Glenn Co., Cal.—Gay and Teal, Orland, awarded cont. by supervisors to const. Chrome bridge in Rd. District 3.

EUREKA, Humboldt Co., Cal.—Humboldt county supervisors favor const. of concrete bridge over Van Duzen river, bet. Scotia and Alton instead of a steel structure as proposed by the State Highway Commission, costlag from $134,000 to $140,000. John B. Leonard, San Francisco, eng., submits preliminary estimates to supervisors for concrete bridge costing in neighborhood of $100,000.

DREDGING, HARBOR WORKS AND EXCAVATIONS

BLYTHE, Cal.—Until 10 a. m., April 27, bids will be rec. by directors of the Palo Verde Joint Drainage Dist. to const. levee outfall drain, involv. 25,000 cu. yds. and clearing 15 acres. Cert. check 10%. Plans and spec. may be obtained from the office of the dist. upon deposit of $10. H. C. Neuffer, chief engineer, and A. T. Galloway, secy.

EUGENE, Ore.—Until Apr. 23, 5 p. m. bids will be rec. by City Water Board to widen city's power canal, located about 16 mi. from Eugene, 4 mi long, involv. 150,000 cu. yds. excavation. Cert check 5% req. Spec. obtainable from Water Board on deposit of $10, returnable.

NEWTON BEACH, Cal.—Until 7:30 p. m., April 23, bids will be rec. by city trustees to const. Schueter interlocking reinf. conc. sheet piling bulkhead along Promenade, bet. Emerald & Park Aves; also 3½ in. conc. walk along same portion of the Promenade; includ. grading for both. Plans and spec. are on file at office of the city engr., Paul E. Kressly, 732 H .W. Hellman Bldg., Los Angeles. Cert. chk. or bond 10%. Alfred Smith, city clerk.

PRESIDIO, San Francisco, Cal.—See "Government Work," this issue.

NEWPORT BEACH, Cal.—Until 7:30 P. M., April 23, bids will be rec. by City Clerk Alfred Smith to const. reinf. concr. interlocking sheet piling bulkhead and concr. sidewalk along the promenade, fronting along Newport Bay. Plans and spec. may be obtained at the office of Paul E. Kressly, consulting engr., 732 H. W. Hellman Bldg., Los Angeles. Cert. chk. or bond, 10%.

SAN FRANCISCO—U. S. Engineer Office rejects bids for dredging in Richmond Harbor and new bids will be asked in about 60 days. Bids were submitted by American Dredging Co., United Dredging Co., and Healy-Tibbitts Const. Co.

IRRIGATION PROJECTS

CALIFORNIA—Following is a partial list of applications for permits to appropriate water, filed with State Department of Public Works, Division of Water Rights, during month of March for permits to appropriate water:

App. 3273 (Lake and Napa Counties) Ray L. Allin, 3446 44th St., Sacramento, Cal., for 1350 cu. ft. per sec. and 1,295,000 ac. ft. per annum from Seigler Creek and Pitah Creek, for irrigation of 300,000 acres on West side of Sacramento Valley.

App. 3274 (Lake County) Ray L. Allin 3446 44th St., Sacramento, Cal., for 1625 cu. ft. per sec. and 1,365,000 ac. ft. per annum from Clear Lake and North Fork Cache Creek, for power purposes. Proposes to develop 228,000 T. H. P. conduit to be 21 miles and pipe line to be 16 miles in length.

App. 3275 (Yolo County) Ray L. Allin, 3446 44th St., Sacramento, Cal., for 1625 cu. ft. per sec. and 1,740,000 ac. ft. per annum from Cache Creek, Clear Lake and N Fork Cache, for irrigation of 300,000 acres on west side of Sacramento Valley.

App. 3290 (Sutter County) P. J. Hiatt, Woodland, Cal., for 15.45 cu. ft. per sec. from Sacramento River, for irrigation of 1236.62 acres near point of diversion. Est. cost $15,000.

App. 3302 (Los Angeles Co) City of Alhambra, , Alhambra, Cal., for 8000 ac. ft. per annum from Arroyo Seco, for municipal water supply for City of Alhambra having a population of 20,000. Proposes a dam 120 ft. high. Est. cost $290,000.

App. 3304 (San Digeo Co) Coronado Water Co., San Dieio, Cal., for 7.74 cu. ft. per sec. and 767.2 ac. ft. per annum from flood waters and surplus underground flow of Tia Juana Valley Basin, for irrigation of 4500 acres. Proposes 55 ft. dam. Est. cost $108,875.

App. 3305 (Ventura Co) Harmon S. Bonte, Balfour Bldg., San Francisco, Cal., for 200 cu. ft. per sec. and 41,000 ac. ft. per annum from Sespe Creek, for irrigation of 30,000 acres.

App. 3306 (Ventura Co) Harmon S. Bonte, Balfour Bldg., San Francisco, Cal., for 27,000 ac. ft. per annum from Sespe Creek, for irrigation of 30,000 acres.

App. 3307 (Ventura Co) Harmon S. Bonte, Balfour Bldg., San Francisco, Cal., for 200 cu. ft. per sec. and 53,000 ac. ft. per annum from Piru Creek, for irrigation of 50,000 acres.

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App. 3310 (Colusa Co) Alice Hager Tubbs, 2126 Broadway, San Francisco, Cal., for 18.18 cu. ft. per sec. from Sacramento River, for irrigation of 1454.09 acres. Est. cost $26,000.

App. 3311 (Riverside Co) James Kincheloe, 835½ 40th Place, Los Angeles, Cal., for 3.06 cu. ft. per sec. from Redford Canyon, for irrigation of 245 acres. Est. cost $18,000.

App. 3312 (Stanislaus Co) Modesto Irrigation District, Modesto Cal., for 1500 cu. ft. per sec. and 150,000 ac. ft. per annum from Tuolumne River, for power purposes. Proposes to develop 17,000 T. H. P. Est. cost $360,000.

App. 3314 (Placer Co) Bear River Water and Power Co., Auburn, Cal., for 250 cu. ft. per sec. and 80,000 ac. ft. per annum from Bear River and tributaries, for irrigation of 175,000 acres of proposed Irrigation District.

App. 3315 (Placer Co) Bear River Water and Power Co., Auburn, Cal., for 100,000 acre ft. per annum from Bear River, for irrigation of 175,000 ac. of proposed irrigation district.

App 3317 (Santa Barbara Co) Montecito County Water Dist., Montecito, Cal., for 3 cu. ft. per sec. and 4500 ac. ft. per annum from Santa Ynez River and tributaries, for irrigation of 1500 acres in Santa Barbara Co. Proposes dam to be 135 ft. high. Est. cost $850,000.

App. 3318 (Santa Cruz Co) Carl C Kratzenstein, City of Santa Cruz, Cal., for 300 ac. ft. per annum from Cave Gulch Watershed, for municipal purposes for the City of Santa Cruz. Est. cost $25,000.

App. 3319 (Mendocino Co) Clifton E. Hickok, trustee for City of Alameda, Alameda, Cal., for 400 cu. ft. per sec. and 300,000 ac. ft. per annum from Middle Fork of Eel River, for municipal purposes to supply the cities of the proposed East Bay Water District in Alameda and Contra Costa Counties.

App. 3320 (Mendocino Co) Clifton E. Hickok, trustee for the City of Alameda Alameda, Cal., for 400 cu. ft. per sec. and 300,000 ac. ft. per annum from So. Fork of Eel River , for municipal purposes for cities of the proposed East Bay Water District. In Alameda and Contra Costa Counties.

App. 3326 (Inyo Co) H. M. Thurman, Randsburg, Cal., for .25 cu. ft. per sec. from Jail Canyon Creek, for mining purposes. Est. cost $10,000.

PERMITS

Following is partial list of permits granted during month of March:

Permit 1324 (Butte Co) Margaret A. Straughan, Chico, Cal., for 10 cu. ft. per sec. from West Branch Butte Creek for power purposes. Proposes to develop 324 T. H. P. Est. cost $25000.

Permit 1326 (San Benito Co) Hugo Fischel, Hollister, Cal., for 3 cu. ft. per sec. and 30 ac. ft. per annum from East Fork Larios Creek, for mining purposes in Sec. 36. Est. cost $3000.

Permit 1328 (San Bernardino Co) John D. Stephens, Cajon, Cal., for .025 cu. ft. per sec. from a spring, for irrigation of 20 acres. Est. cost $1000.

Permit 1329 (Contra Costa Co); East Bay Water Co., % McKee, Tasheira and Wahrhaftig, Attys., Oakland Bank of Savings Bldg., Oakland, Cal., for 16,580 ac. ft. per annum from San Pablo Creek, for municipal purposes in east bay cities. Est. cost $2,000,000.

Permit 1331 (El Dorado Co.) The City of Sacramento, Sacramento, Cal., for 10 cu. ft per sec. from South Fork of American River, for power purposes for cooking, laundry and general municipal camp purposes. Proposes to develop 154 T. H. P. Est. cost $4000.

Permit 1333 (Del Norte Co) F. H. Osgood, Ojal, Cal., for 50 cu. ft. per sec. from West Fork of Illinois River, for mining purposes. Est. cost $40,000.

Permit 1334 (Inyo Co) D. T. and F. M Bedell, Big Pine, Cal., for .25 cu. ft per sec. from Waucoba Creek, for mining purposes. Est. cost $42,000.

Permit 1335 (Los Angeles Co) C. G. Arnold, Pasadena, Cal., for .09 cu. ft. per sec. from Francisquito Canyon, for irrigation of 220 acres. Est. cost $1500.

Permit 1336 (Yuba Co) Harry B. Paulden, Marysville, Cal., for 3 cu ft. per sec. from Nigger Jack Slough, for

irrigation of 243 acres. Est. cost $1000.

Permit 1338 (Sutter Co) Peter J. Shields, Court House, Sacramento, Cal., for 7 cu. ft. per sec. from Feather River, for irrigation of 620 acres. Est. cost $15,000.

Permit 1339 (Los Angeles Co) Little Baldy Water Co., 115 Redondo St., Los Angeles, Cal., for 14.50 cu. ft. per sec. and 123 ac. ft. per annum from Dead-man Canyon, for irrigation of 1160 ac. Est. cost $32,000.

Permit 1341 (Kern Co) F. C. Hanners and M. C. Benedict, Inyokern, Cal., for 12 cu. ft per sec. from Demsey Canyon for domestic and irrigation of 105 acres Est. cost $4000.

Permit 1344 (Sutter co) Natomas Co. of California, 310 Sansome St., San Francisco, Cal., for 79.73 cu. ft. per sec. from Feather River, for irrigation of 8518 ac. Est. cost $216,000.

Permit 1347 (Sutter Co) J. H. Scott & Guy D. Hufford, 331 J St., Sacramento, Cal., for 3 cu. ft. per sec. from Sacramento River for irrigation of 40 acres Est. cost $2500.

Permit 1348 (Sutter Co) J. H. Scott & Guy D. Hufford, 331 J St., Sacramento, Cal., for 1.37 cu. ft. per sec. from Sacramento River, for irrigation of 110 ac. Est. cost $2500.

Permit 1349 (Humboldt Co) H. W. Decker and C. A. Beaver, Hoopa, Cal., for 50 cu. ft. per sec. from Campbell Creek, for mining purposes. Est. cost, $10,000.

Permit 1350 (Humboldt Co) W. B. Comes, Hoopa, Cal., for 75 cu. ft. per sec. from Tish Tang-a-Tang Creek for mining purposes. Est. cost $20,000.

Permit 1351 (Humboldt Co) Robert Duncan, Hobart Bldg., San Francisco, for 50 cu. ft. per sec. from Mill Creek, for mining purposes in Sec. 2. Est. cost $10,000.

Permit 1352 (San Bernardino Co) Bert O. James, Isabella, Cal., for .06 cu. ft. per sec. from an unnamed spring for mining and domestic and stock purposes. Est. cost $2225.

Permit 1353 (San Bernardino Co) Emil Charles Franzenhoff, Pine Knot, Cal., for 25 cu. ft. per sec. from head of Antelope Creek, for mining purposes. Est. cost $2000.

Permit 1360 (Lassen Co) Homer C. Jack, Bieber, Cal., for 3900 ac. ft. per annum from Headquarters of Juniper Creek, for irrigation of 1720 acres near point of diversion. Est. cost, $20,000.

Permit 1361 (Lassen Co) Homer C. Jack, Bieber, Cal., for 15 cu. ft. per sec. from Dark Canyon Branch of Juniper Creek, for irrigation of 1720 acres near point of diversion. Est. cost $20,000.

Permit 1362 (Solano Co) Continental Investment Co., 1158 Sutter St., San Francisco, Cal., for 2.51 cu. ft. per sec. from Alamo Creek, for irrigation of 200.8 acres. Est. cost $1000.

LIGHTING SYSTEMS

LOLTERVILLE, Tulare Co., Cal. — City Eng. Fred Pease instructed to prepare estimates of cost to install ornam. electrolier system. Chamber of Commerce Jos. A. Trowbridge, chairman, lighting committee, is interested.

OAKLAND, Cal. — City council will shortly ask bids to install electrolier system in Lake Merritt District from plans of Howard Gilkey, municipal landscape engineer. Standards will have concrete octagonal base with column of polychrome terra cotta.

ROSEVILLE, Tulare Co., Cal.—Property owners in Church and Lincoln Sts. plan to install electroliers. City Electrician Gilkey is preparing plans.

LONG BEACH, Cal.—The Butte Elec. & Mfg. Co., 445 Pac. Elec. Bldg., Los Angeles, submitte low bid to council at $17,875 for an ornam. lighting sys. on Anaheim Ave., from Temple St. to Lome Ave. Other bids were: C. W. Sparks, $18,735; H. H. Walker, $18,890; Newbery Elec. Corp., $19,591.

The Butte Elec. & Mfg. Co., also low at $45,548 for an electric lighting sys. on Pac. Ave., from Ocean Blvd. to 14th St. Other bids were: C. W. Sparks, $47,475; Newbery Elec. Corp., $48,300; H. H. Walker, $48,727; Paulson Constr. Co., $52,475.

MACHINERY & EQUIPMENT

LOS ANGELES, Cal.—Equitable Asphalt Maintenance Co., Kansas City, Mo., submitted only bid to Bd. Pub. Wks. to lease or sell asphalt surface heaters. It proposes to lease for term of 3 years at rental of 5c sq. yd. for each sq. yd. of area heated, delivery at once; or (alternate) to lease two of latest improved surface heaters (new) for a period of 5 years at a rental of 5c sq. yd. for each sq. yd. of area heated. The two heaters now in use to be retained at same rate until arrival of new machines; delivery 3 to 4 mo. from date of contract f. o. b. Los Angeles.

CORCORAN, Kings Co., Cal.—Until May 8, 7 p. m., bids will be rec. by G. G. Amiraux, city clerk, for sale of one Fordson tractor complete with wheel fenders, additional rubber-tired equipment, etc., no longer required by city. Further information on request.

LOS ANGELES, Cal.—Until 3 P. M. Apr. 17, bids will be rec. by public service comm., 207 S. Broadway, for concr. mixing and placing machinery, under spec. No. 656. Jas. P. Vroman, secy.

LOS ANGELES, Cal.—Until 11 a. m., April 30, bids will be received by the board of supervisors for furnishing and installing a double tank pressure type water softening system at the power house at the county farm near Downey.

RAILROADS

TUCSON, Ariz.—Twohy Bros., Pheonix (J. F. Horan, gen. mgr.), awarded contr. by Southern Pacific for first section of railroad to be constructed bet. Tepic and La Quemada, Mex. Grading will start from Tepic at once. The line which is 100 miles in length will comprise 33 tunnels and 35 viaducts.

FIRE ALARM SYSTEMS

SANTA ANA, Cal.—City will sell bonds of $25,000 April 16 to finance installation of electric fire alarm system.

FIRE EQUIPMENT

SANTA ANA, Cal.—City will sell bonds of $25,000 April 16 to finance purchase of fire equipment.

WOODLAND, Yolo Co., Cal. — City votes bonds of $22,000 to motorize fire department.

MISCELLANEOUS SUPPLIES

LOS ANGELES, Cal.—Until 3 p. m., April 24, bids will be rec. by pub. serv. comm., 207 S Broadway, for one 20 K. W. motor-generator set. Spec. P-307-

FRESNO, Fresno Co., Cal. — County D. M. Barnwell, instructed to advertise for bids for fur. approx. 100,000 bbls. road oil for use on county highway system. Chris P. Jensen, Cory Bldg., County surveyor.

SAN FRANCISCO—City Eng. M. M. O'Shaughnessy recommends $10,000 appropriation in next fiscal year budget for purchase of street signs.

SAN FRANCISCO — See "Power Plants" this issue.

RESERVOIRS AND DAMS

CALIFORNIA—See "Irrigation Projects," this issue.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Further information regarding these opportunities may be had from Foreign and Domestic Trade Bureau, San Francisco Chamber of Commerce, Merchants Exchange Bldg., by referring to Index number:

D-511 — Oakland, Calif. Party new owning patent rights on gauge and valve desires to interest San Francisco manufacturing institutions to market same.

D-512—Martinez, Calif. Party desires to put on the market a patented self-wringing floor mop and desires contact with San Francisco firms interested in handling same.

D-513—St. Louis, Mo. Concern desires to appoint a live-wire agent for their automatic heat machine with electric spark ignition. Catalog on file.

D-516—Alturas, Calif. Opportunity is offered for the establistment of a box factory. All possible cooperation will be offered by the city to parties interested.

D-517—Rock Island, Ill. Large Manufacturer of farm implements desires organized sales force to handle their road machinery, California.

D-519 — Dallas, Tex. Party owning large tracts of timber lands in British Columbia desires to interest San Francisco capitalists in exploiting same. Full particulars on file.

D-520—Brooklyn, N. Y. Party with several German accounts desires to come to San Francisco and open an office. Wants partner who has finances up to $2000.

6707—Moscow, Idaho. Party wishes to buy bamboo wood from local importers.

6910—La Paz, Bolivia. Party wishes to buy the following machinery: Mill for grinding cocoa, capacity about two hundredweight per day; chocolate moulds with labels lithographed in colors; machine for manufacturing serpentines and other carnival articles.

6915 — Rotterdam, Holland. Firm wishes to make contract with importers of: Chemicals, cocoa powder, margarine-butter, electric lamps, glassware window glass, steel plates, iron bars, cement and tiles.

6918—Tuttlingen, Germany. Manufacturers of parts and accessories for shoe machines are desirous of appointing an agent in this territory.

6922—Hilo Hawaii. Import firm seeks connections with firms dealing in notions, toys, stationery, kitchen utensils, carpenter tools, picture frames, post cards, etc.

CD-61 — Belhaven, N. C. Party with limited capital wants to enter the real estate business in San Francisco and desires contact with established firms.

CD-63—New York, N. Y. Party with ample finances desires to establish a plant in San Francisco to handle stage decorations, erecting curtains lighting effects, making artificial trees, etc.—wants contact with party able to submit an offering along this line.

CD-64—West Englewood, N. J. Party with $10,000 to $15,000 to invest desires to enter the real estate business, either suburban or city.

CD-65—Chicago, Ill. Man with broad executive experience in position to make substantial investment, desires legitimate business propositions submitted.

CD-66—South Acworth, N. H. Young man with $5000 to $10,000 to invest with sales record behind him desires propositions submitted.

CD-67 — Louisiana, Mo. Party with $15,000 or more to invest desires to enter the business field in San Francisco. Previous experience, owner of milling company.

PIPE LINES, WELLS, ETC.

SEATTLE, Wash. — Until April 20, 10 a. m., bids will be rec. by W. D. Freeman, city purchasing agent, for fur. 95 hydrants with 6-in. connection and 50 gate valves, 8-in. for Water Department. Quotations to be f. o. b. 9th Ave. S. and Lander St.

SEATTLE, Wash.—Until April 20, 10 a. m., bids will be rec. by C. B. Hartley, secy. Bd. pub. Wks. for fur. 30,175 ft. 8-in. and 325 ft. 6-in. class A c. i. pipe, Hub End in 12-ft. lengths. Price to be quoted at dock, Seattle. Cert. check 5% payable to City Comptroller req. Spec. obtainable from secy.

SEATTLE, Wash.—Until April 20, 10 a. m., bids will be rec. by W. D. Freeman, city purchasing agent, for fur. 127 miscellaneous c. i. pipe fittings for Water Dept. Quotations to be f. o. b. 9th Ave. S. and Lander St.

ALHAMBRA, Cal.—Until 5 p. m., Apr. 23, bids will be rec. by comm., for 13,800 ft. 4-in., 4008 ft. 6-in. and 780 ft. 8-in. cast iron bell and spigot class B water pipe and various class D fittings. First alternative, delivery f. o. b. dock, San Pedro; second alternative, delivery alongside trench, Alhambra. Cert. chk. or bond, 25%. Grant M. Lorraine, city manager.

CALIFORNIA—See "Irrigation Projects," this issue.

SAN FRANCISCO—See "Miscellaneous Building Construction," this issue. Standard Oil Company.

SANTA CRUZ, Santa Cruz Co., Cal.—American C. I. Pipe Co., Balboa Bldg., San Francisco, at $8208 awarded cont. by council to fur. f. o. b. Santa Cruz, in not less than 12-ft. lengths: 2250 ft. 8-in., 1000 ft. 6-in. and 5000 ft. 4-in. class B c. i. pipe, bell and spigot joints.

HANFORD, Kings Co., Cal.—U. S. Cast Iron Pipe and Foundry Co., Monadnock Bldg., San Francisco, at $1,827.14 awarded cont. by council to fur. 2000 ft. 4-in. class C, B & S type c. i. pipe; 3 6x6x4-in. class C Bell and Spigot c. i. valves and 4 4x4x4-in. c. i. tees, same tees; 3 4-in. class C Bell and Spigot type.

SEWAGE DISPOSAL PLANTS

SANTA ROSA, Sonoma Co., Cal.—City council votes to commission Clyde Smith, Consulting Sanitary Engineer, 516 Santa Barbara Rd., Berkeley, to make survey and submit recommendations to improve sewage disposal system. Funds to finance the work will be raised through a bond issue.

REDONDO, Cal.—Until 8 p. m., April 16, bids will be rec. by city trustees for cleaning sewer septic tank. Cert. chk. or bond. 10%. Harry Polglase, city clerk.

SANTA ROSA, Sonoma Co., Cal.—City Eng. L. L. Mills preparing spec. for 1200-ft. flume to be constructed at sewage farm.

YUBA CITY, Sutter Co., Cal. — See "Sewers and Street Work," this issue.

REEDLEY, Fresno Co., Cal. — City trustees contemplate bond election to improve sewage disposal plant; est. cost bet. 100,000 and $140,000.

MISCELLANEOUS CONSTRUCTION

LONG BEACH, L. A. Co., Cal.—City Manager Windham, Long Beach, is having plans prepared by Fred P. Smith, designer or the Portland, Ore., plant, for a $125,000 incinerator plant to be erected adjoining the city dump.

MODESTO, Cal.—See "Power Plants" this issue.

LOS ANGELES, Cal.—Application has been made by the Pacific Tel. & Tel. Co. of Los Angeles, for permit to lay a submarine cable in the West Basin Waters of Los Angeles Harbor, San Pedro.

SEATTLE, Wash.—J. A. McEachern Co., Inc., Colman Bldg., low bidder at $123,668 submits offer to Bd. Pub. Wks. to reduce its bid $23,668 to const. tunnel under Dumawish Waterway at 1st Ave. south, if city will furnish air compressors necessary for the work and power to operate them. Taken under advisement. Puget Sound Bridge and Dredging Co., Seattle was next low bidder at $133,788. R. L. Sparger submitted only other bid at $145,592.

WATER WORKS

PASADENA, Cal.—Bonds of $50,000 voted to purchase fire hydrants.

CHICO, Butte Co., Cal.—Second election held to vote $475,000 to purchase and improve privately owner water systems for municipal proect failed to carry by 164 votes. Previous election failed by 12 votes.

SANTA CRUZ, Santa Cruz Co., Cal.—City council passes resolution declaring intention to submit bond election to secure funds to finance construction of additions to municipal water works, includ. reservoirs, pipe lines, hydrants, etc. James K. James, city eng.

SANTA BARBARA, Cal.—City council sets May 22 as date for $1,000,000 bond election, which includes a $400,000 issue for water main extension.

PASADENA, Cal.—The $50,000 bond issue for additional fire plugs and connections carried at the recent election.

SANTA ANA, Cal. — City will sell bonds of $150,000 April 16 to finance water works improvements.

LONG BEACH, Cal.—Until 10 a. m., April 17, bids will be rec. by City Mgr. C. H. Windham for vertical centrifugal pump for city sewage disposal plant. Spec. C-98. Cert. chk. or bond 10%.

SEWERS AND STREET WORK

LOS ANGELES, Cal.—Geo. H. Oswald, 366 E 58th St., submitted low bid to Bd. of Pub. Wks. to imp. Diaz Ave., bet. Rita St. and Ventura Blvd., involv. grading at $6500 (lump sum); 194,772 sq. ft. Topeka paving at 19.4c ft.; 290 sq. ft. finish grading at 9c ft.; storm drain complete at $800.

BURBANK, Cal.—Until 7:30 p. m., May 1, bids will be rec. by City Clk. F. S. Webster to imp. Olive Ave., bet. Front St. and 160 ft. s. of Main St., approx. 2400 ft. pavement will consist of 30 ft. graded roadway and 22-ft. oil macad; 1911 Act.

SANTA CRUZ, Santa Cruz Co., Cal.—City Eng. Jas. K. James preparing spec. to pave Younglove Ave. with two 10-ft. strips.

SAN FRANCISCO—City Eng. M. M. O'Shaughnessy recommends appropriations aggregating $1,500,000 for the next fiscal year. The amounts recommended for sewer construction are: College Hill sewer, $250,000; Army St. sewer, $70,000; Sixth St. sewer, $50,000; Visitation Valley sewer, $25,000; Sunset sewer, $150,000. Other improvements recommended are: Bay shore Blvd., $250,000; Ocean beach esplanade, $250,000; San Jose Ave., $150,000; Evans Ave $45,000; City's st. work, $50,000; Liberty St., $37,000; Collingwood St., $34,000; Douglass St., $18,500.

PHOENIX, Ariz.—Until 2 p. m., May 10, bids will be rec. by dist. eng. 242 W Washington St., Phoenix, to const. Prescott-White Spar forest highway, in Prescott National forest, 18.033 mi., involv. 446,170 cu. yds. excav. unclass., 18,091 mi. finishing graded road; 1485 cu. yds. A conc.; 1630 cu. yds. B conc.; 194,000 lbs. reinf. steel; 13,126 lin. ft. corr. met. pipe culverts; 95,500 lin. ft. protection ditch; 369 lin. ft. conc. hand rail. Certain equipment is on hand which the government will furnish on a rental basis. Work to be completed in 450 weather working days. Plans, etc may be seen at above office, Phoenix.

JUNEAU, Alaska—Until May 1, bids will be rec. by Dist. Eng. U. S. Bureau of Pub. Rds. to const. Seward-Kenai Lake sec. 3, Natl. Forest Rd. project. Bids until May 10 to const. Girdwood-Crow Creek and Hope-Palmer creek, Natl. forest rd. projects.

FRESNO, Fresno Co., Cal. — Until April 19, 3:30 p. m., bids will be rec. by R. Y. St. George, city clerk, to const. 6-in. clay pipe sewer in alley of Blk 352; const. conc. manhole with c. i. cover; 4-in. on 6-in. wyes for each lot frontage. 1911 Act. Cert. check 10% payable to city req. Wm. Stranahan, city engineer.

KELSO, Wash.—Until April 24, 8 p. m., bids will be rec. by M. J. Lord, city clerk, to const. storm sewers in Local Imp. Dist. 44, involv. 1310 cu. yds. trenching; 410 lin. ft. 6-in., 368 lin. ft. 8-in., 1360 lin. ft. 10-in., 254 lin. ft. 12-in. and 90 lin. ft. 18-in. sewer pipe; 3 8x6, 13 10x6, and 1 10x8-in. wyes; 4 manholes; 26 inlets. Spec. obtainable from clerk on deposit of $6.

RICHMOND, Contra Costa Co., Cal.—City Eng. H. D. Chapman preparing spec. for 5-ft. sidewalks in Potrero Ave bet. 45th St. and east city limits; est. cost $1.55 front ft.

FRESNO, Fresno Co., Cal.—E. A. McAlpin, Fresno, at $.197 awarded cont. by council to const. cem. conc. walks in portions of Olive Ave., bet. Forthcamp and Harrison Ave.

McAlpin awarded cont. to const. concrete walks, $.197 sq. ft. and conc curbs $.50 lin. ft. in McKenzie Ave., bet. Fresno Ave. and 9th St.

Leo Cardwell, 1841 Tulare St., Fresno, awarded cont. to const. cem. conc. walks, $.25 sq. ft. and conc. curbs, $.65 lin. ft. in Vassar Ave., bet. Van Ness and Wilson Ave.

MERCED, Merced Co., Cal.—Supervisors order rec. to pave approx. 8 mi. of road in Titus Lands south and west of Merced city. Floyd McSwain, eng., Merced.

FRESNO, Fresno Co., Cal. — City council, R. Y. St. George, clerk, declares intention to imp. Poplar Ave., bet. Elizabeth and Olive; grade; conc. curbs, gutters; cem. walks; corru. culverts with culv. manholes; 3½-in. asph. conc. base with 1½-in. Warrenite-Bit. surface pavement. 1911 Act. Protests April 26. Wm. Stranahan, city eng.

RENO, Nevada — Clark and Henery Const. Co., 38 S Sutter St., Stockton, at $125,023 awarded cont. by council to pave various sts., involv 573,340 sq. ft. 5-in. asphaltic concrete pavement and 15,954 sq. ft. 2-in. asphaltic conc. pavement. V. R. Dennis Const. Co., McMinnville, Ore., only other bidder at $145,154.76. Harry Chism, city eng.

MERCED, Merced Co., Cal.—City Eng J. F. McSwain preparing spec. to pave with conc. 26th St., bet. L and M Sts., for its full width. Spec. also being prepared to pave with 4-in. asph. conc. streets in vicinity of Santa Fe R.R.

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SAN DIEGO, Cal.—See "Government Works & Supplies," this issue.

SAN FRANCISCO, California — City Engineer M. M. O'Shaughnessy, completes spec. to imp. Saturn St., bet. Ord. and Lower Terrace, involv. construction of retaining and support walls, steps, etc.; 4104 cu. yds. excavation to be removed; 170 cu. yds. fill to be made; 5203 sq. ft. asph. conc. and 6707 sq. ft. conc. pavement; 5326 sq. ft. art. stone walks; 1005 lin. ft. conc. curbs; 2 br. catchbasins; 40 lin. ft. 10-in. ironstone pipe culverts; 604 lin. ft. galv. iron pipe railings.

SANTA ANA, Cal. — City will sell bonds of $30,000 April 16 to finance street improvements.

YUBA CITY, Sutter Co., Cal.—Michael Murphy, 1321 Milvia St., Berkeley, at $15,770 awarded cont. by city trustees to const. sewer of 16, 14 and 12-in. pipe, includ. manholes.

Latourette-Fical Co., 907 Front St., Sacramento, at $13,112 awarded cont. for sewage reservoir and superstructure.

Bids for sewer pipe and other equipment were rejected as being too high and new bids will be opened May 7. **See call for bids under official proposal section in this issue.**

ALHAMBRA, Cal.—Bids to const. lateral sewer lines in dists. 2 and 4, will be advertised in 2 weeks. Proceedings have been started by the city commission. Dist. 2 includes all the territory south of Alhambra Rd., north of Main St., bet. Wilson Ave. and Huntingtin Dr. Dist. 4 includes all that portion of Alhambra east of the Arroyo bet. Chapel and Almansor, bet. Alhambra Rd. and the Southern Pacific tracks.

POMONA, Cal.—The $100,000 sewer bond issue carried at recent election.

SAN ANSELMO, Marin Co., Cal.—Until April 30, 8 p. m., bids will be rec. by A. W. Studley, town clerk, to imp. portions of Sequoia Dr.; const. conc. curb and gutter; rein. conc. retaining wall and iron pipe rail; conc. valleys and catchbasins with c. i. frames and gratings and vit. pipe outlets; conc. pipe culverts; grade and pave with asphaltic macadam of various thicknesses 1911 and 1915 Bond Act.

TURLOCK, Stanislaus Co., Cal.—H. C. Mattox at $2241.50 submits low bid to city trustees for fur. stand, glazed, cem. bell and spigot sewer pipe of standard strength as follows: 1400 lin. ft. 10-in. 3000 lin. ft. 8-in. and 6000 lin. ft. 6-in. Other bids: Turlock Plumbing Co., $2,725.85; N. Clark & Son, $4580; Calif. Glazed Cement Pipe Co., $2499. Taken under advisement.

SAN FRANCISCO—City Eng. M. M. O'Shaughnessy recommends to Bd. Pub. Wks. widening of Valencia St., bet. Market and Mission, est. cost $70,000; widen Post St., bet. Larkin and Post, $3300; widen and repave Taylor St., bet. Post and Sutter, $5000; widen Guerrero St., bet. 14th and 29th Sts., $70,000.

OAKLAND, Cal.—Salvatore De Guarda, Oakland, awarded cont. by council to imp. portions of Arkansaas St.; grade, $.03 sq. ft.; conc. curb, $.65 lin. ft.; conc. gutter, $.25 sq. ft.; oil macadam pave, $.12 sq. ft.; cem. walks, $.18 sq. ft.; 3x2-ft.x6-in. conc. culv. $7.50 lin. ft.; conc. apron wall, $1.00 cu. ft.; c. i. inlets, $60 each.

De Guarda awarded cont. to improve Bartlett St., bet. Lynde and Davis: grade, $.03 sq. ft.; conc. curb, $.70 lin. ft.; conc. gutter, $.26 sq. ft.; oil macadam pave, $.12 sq. ft.; cem. walks, $.17 sq. ft.

MADERA, Madera Co., Cal. — Until April 23, 8 p. m., bids will be rec. by W. C. Utter, city clerk, to imp. portions of Sixth and B Sts., involv. 107,136 sq. ft. grading; 99,391 sq. ft. 1½-in. Bithulithic surface on 2½-in. bituminous base pavement; 6766 sq. ft. 6-in. thick conc. gutter; 899 lin. ft. conc. curb; 600 lin. ft. corru. iron arch 27-in. culvert set on conc.; 42 lin. ft. full circle 8-in. corru. pipe; 2 catchbasins; 2 drain gates; 2 headwalls for drain pipe. A. M. Acton, city eng.

STOCKTON, San Joaquin Co., Cal.—Until April 2, 10:30 a. m., bids will be rec. by A. L. Banks, city clerk, to const. storm water sewers in Acacia, Columbia and Pershing Aves., F. Union, Castle and Harrison Sts. Cert. check 10% payable to city clerk req. W. B. Hogan, city engineer.

VENICE, Cal.—City trustees order paving of Trolleyway bet. Mildred Ave. and Nautilus St., and paving of Leona Ave., Trolleyway to Washington Blvd., Seventh Ave., bet. California and Rose Sts., and the grading of Oakwood and Amoroso Pl. J. E. Griffin, city eng.

SAN LEANDRO, Alameda Co., Cal.—R. G. Goodwin, city eng. preparing spec. to imp. streets in Hollywood Tract.

LOS ANGELES, Cal. — Council declares intention to imp. 43rd St., bet. Main St. and Moneta Ave., involv. 25,851 sq. ft. 6-in. conc. paving; 267 ft. curb., 32 ft. hse. sewers and 479 cu. yds. cut.

MESA, Arlz.—City council plans to have portions of First Ave., First St. and W Main St.

SACRAMENTO, Cal.—Until April 19, 9 p. m., bids will be rec. by H. G. Denton, city clerk, to imp. L St., bet. 15th and 26th Sts. by reconst. catchbasins and manholes; grade; pave with 2-in. asph. conc. 1915 Bond Act. Cert. check 10% payable to city req. Albert Givan, city eng.

SACRAMENTO, Cal. — City Council, H. G. Denton, clerk, declares intention to imp. X and Y Sts., bet. Stockton Blvd and 45th St., and 45th St., bet. 2nd and pt 370 ft. north, by const. vit. sewers; conc. manholes; wye branches, etc. 1911 Act.

Intention declared to imp. alley bet. 33rd and 34th Sts., from manhole in 10th ave. to pt. 455 ft. south by const. vit. sewer and wye branches. 1911 Act. Protests April 26. Albert Givan, city engineer.

LOS ANGELES, Cal.—C. H. White, R. F. D. No. 1, box 674, Long Beach, submitted only bid to supervisors at approx. $14,372.42 for imp. Warren Ave. and portion of 15th St., bet. Anaheim St. and 14 ft. n. of 15th St., 1320 lin. ft. under County Imp. No. 9, involv. 1376 cu. yds. excav. at $1 cu. yd.; 1910 lin. ft. curb at 65c ft.; 5346 sq. ft. gutter at 32c ft.; 4672 sq. yds. conc. paving at $2.15 yd. Est. contr. price, $14,071.85. Bid referred to county rd. dept.

KELSO, Wash.—Until April 24, 8 p. m., bids will be rec. by M. J. Lord, city clerk, for imp. in Local Imp. Dist. No. 45, involv. 110 cu. yds. solid rock excavation; 98 cu. yds. loose rock excav., 9842 cu. yds. common excav.; 7222 lin. ft. Type A and 2780 lin. ft. Type B curb; 33,150 sq. ft. conc. walks; 14,069.5 sq. yds. pavement; 178 cu. yds. macadam; 30 cu. yds. rock screenings; 270 lin. ft. header. Spec. obtainable from clerk on deposit of $10.

BERKELEY, Alameda Co., Cal—F. A. Mero, 401 16th St., Richmond, at approx $16,000 awarded cont. by council to improve Telegraph Ave., bet. Dwight Way to Allston Way and Bancroft Way from Dana to pt. 277.23 ft. east of Telegraph Ave. by widening, setting curb back 2 ft.; const. double strength vit. ironstone sewers; br. manhole; catchbasins with 12-in. vit. sewer connections; remove culvert; const. armored conc. curbs and gutters in portions.

SAN FRANCISCO—City Eng. M. M. O'Shaughnessy completes spec. to imp. Napoleon St., bet. Jerrold Ave. and intersection of Napoleon with Evans Ave. and Toland St., involv. 23,475 cu. yds. fill. Est. cost $23,475.

STOCKTON, San Joaquin Co., Cal.—Clark and Henery Const. Co., 38 S Sutter St., Stockton, submits low bid to council at $42,991.53 to imp. portions of Hazelton, E-Scotts, Laurel, Ash, Court, B Sts., et al, grade; const. conc. curbs and guttera; conc. walks; paving with 3-in. crushed rock base and 2-in. asph. conc. surface.

Clark & Henery, low biddera, at $7,795.60 to imp. east ½ of Court St., bet. Fair Oaks and Taylor Sts.

LONG BEACH, Cal.—Council declares intention to imp.:

Corvo Ct., bet. St. James Pl. and Maine Ave., grade and pave.

Coronado Ave., bet. 14th and 15th Sta. const. conc. curb, cem. pipe; grade and pave with 6-in. conc. base and bitum. protective coat.

6th St., bet. Walnut and Rose Aves., grade and pave with 6-in. and bitum. protective coat; const. clasa B conc., 18-in. conc. gutter.

Virginia Ct., bet. 10th and 11th Sts., grade and pave with 4-in. conc.; const. clasa E conc. curb.

Topaz Ct., bet. 3rd and 4th Sts., grade and pave with 4-in. conc.

Nardo Way, bet. Cedar Ave. and Solana, grade and pave with 4-in. conc. and bitum. protective coat; const. class B conc. curb. All work 1911 Act.

SACRAMENTO, Cal.—Until April 19, 9 p. m., bids will be rec. by H. G. Denton, city clerk, to imp. 7th Ave., bet. Sacramento Blvd. and 33rd St.: const. conc. curb, gutter; place c. i. gutter drains with 6-in. manhole connections; conc. manholes; ¾-in. water main connections; grade; 4-in. asph. conc. pave with seal coat; 38th St., bet. 7th Ave. and manhole in alley 1st south and 1 right of way by const. 8-in. vit. sewer and manhole. 1915 Bond Act. Cert. chk. 10% payable to city req. Albert Givan, city engineer.

LOS ANGELES, Cal.—Until 10 a. m., April 23, bids will b erec. by Bd. Pub. Wks. to imp. under Vrooman Act:

Madison Ave., bet. Santa Monica Blvd. and Lockwood St., involv. 23,878 sq. ft. asph. paving; 1308 ft. curb; 6693 sq. ft. walk; 1382 sq. ft. conc. gutter; conc. retaining wall.

16th St., bet. Pacific Ave. and Gaffey St., involv. 562 sq. ft. conc. paving; 45,596 sq. ft. asph. conc. paving; 276 ft. curb; 9395 sq. ft. walk; 2400 sq. ft. gutter; 720 ft. hse. sewers.

Rosewood Ave., bet. Wilton Pl. and Van Ness Ave., involv. 34,169 sq. ft. Warrenite-bitul. pavement; 2396 sq. ft. gutter; 65 ft. hse. sewers.

Hunter St., bet. Lawrence and Alameda Sts., involv. 18,173 sq. ft. asph. conc.; 12 ft. curb; 20 sq. ft. 8-in. gutter; 90 ft. hse. sewers; 608 cu. yds. cut; 1911 Act.

YUBA CITY, Sutter Co., Cal.—Until April 20, 2 p. m., bids will be rec. by Louis Rockholt, clerk, Yuba City Grammar School District, to pave with 5-in. conc. south ½ of Bridge St., bet. Plumas St. and School lot north. Plans obtainable from Edw. von Geldern, city eng. on deposit of $10.

LOS ANGELES, Cal.—Geo. R. Curtis, 2440 E. 26th St., awarded contr. by Bd. Pub. Wks. at $60,338 to imp. Van Ness Ave., bet. Sunset Blvd. and Lemon Grove Ave., involv. grading at $12,000 (lump sum): 48,616 sq. ft. concr. paving at 26c ft.; 52,072 sq. ft. Warrenite-bitul. paving on bitum. base at 25.5c ft.; 47,581 sq. ft. Warrenite-bitul. paving on concr. base at 28c ft.; 2788 ft. curb at 75c ft.; 4622 sq. ft. walk at 25c ft.; 5104 sq. ft. conc. gutter at 33c ft.; reinf. concr. culverts, $1000; san. sewer, $3100; 395 sq. ft. Warrenite-bitul. wearing surface on existing base at 15c.

L. A. Paving Co., 2900 Santa Fe Ave., awarded contr. at $81,790.04 to imp. San Pedro St., bet. South Park and Vernon Aves., involv. 262,233 sq. ft. grading to finish subgrade at 3c ft.; 261,763 sq ft. asph. paving at 24.5c ft.; 469 sq. ft. concr. paving at 20c ft.; 218 ft. curb at 75c ft.; 93 sq. ft. walk at 24c ft.; reinf. concr. culvert at $4500; 1554 ft. hse. sewers at $150 ft.

COMPTON, Cal.—Engr. Edw. M. Lynch, Central Bldg., Los Angeles, preparing spec. to pave Orange St., bet. Wilmington and Long Beach Blvds. Est. cost, $40,000; pavement will be 30 ft. wide and approx. 1 mi. long, of 5-in. cem. concr. Vrooman Act.

LOS ANGELES, Cal.—C. E. Green, 230 Grosse Bldg., awarded contract by Bd. Pub. Wks. at $28,543 to const. sewer in Fallston Ct., bet. Fayette St. and Ave. 56, and in portions of other streets in Fallston St. and Mt. Royal Ave. Sewer District.

Croatian-American Inv. Co., 208 W 2nd St., awarded contr. at $25,900 to const. sewer in Rimpau Blvd., bet. Rimpau Blvd. and Harcourt Ave.

SAN FRANCISCO — Pacific States Const. Co., Call Bldg., at $38,476.60 awarded cont. by Bd. Pub. Wks. to imp. 28th, 29th & 30th Aves., bet. Ulloa and Vicente Sts., involv. 6101 cu. yds. cut; 570 lin. ft. 8-in. sewer; 40 8-in. wye branches; 1 br. manhole; 4800 lin. ft. conc. curb; 10,000 sq. ft. conc. and 86,-000 sq. ft. asph. conc. pavement.

Raisch Imp. Co., 46 Kearny St., at $10,756.95 awarded cont. to imp. 48th Ave., bet. Kirkham and Lawton, involv. 1204 lin. ft. conc. curb; 660 sq. ft. art. stone walks; 2400 sq. ft. conc. gutter; 3 br. catchbasins; 65 lin. ft. 10-in. culverts; 26,493 sq. ft. asph. conc. pavement.

Manuel Smith, 1083 85th Ave., Oakland, at $1318.75 awarded cont. to imp. Goteeingen St., bet. Dwight & Woolacy Sts., involv. 400 lin. ft. 12-in. sewer; 25 wye branches; 2 br. manholes.

M. Bertolino, 32 Shotwell St., at $12,-168 awarded cont. to const. 67,600 sq. ft. art. stone walks in portions of Anza, 20th, 23rd Aves., etc.

POMONA, Cal.—Fleming Constr. Co., 105 N. Park Ave., Pomona, awarded contr. by council at $40,482 to pave San Antonio Ave., bet. Holt and Harrison Aves., with 5-in. concr.

SALINAS, Monterey Co., Cal.—Council petitioned to pave West St. with 2½-in. asph. conc. base and 1½-in. Warrenite-Bit. surface, provided cost does not exceed $.21 sq. ft. Howard Cozzens, city eng.

MADERA, Madera Co., Cal. — Until April 23, 8 p. m., bids will be rec. by W. C. Utter, city clerk, to imp. West Yosemite Ave., under 1011 and 1915 Bond Act, involv. 114,644 sq. ft. grading; 107,899 sq. ft. 2½-in. bituminous base with 1½-in. Bithulithic surface; 5072 sq. ft. conc. gutter; 2003.5 lin. ft. conc. curb; 634 lin. ft. culvert; 80 lin. ft. cull circle 8-in. corru. pipe; 2 manholes. A. M. Acton, city eng.

AUBURN, Placer Co., Cal.—City trustees, Mary H. Wallace, clerk, declares inten. to imp. portions of Cleveland Ave., Reamer, Tuttle, Center Sts., Elm Ave.: grade and fill; 5-in. conc. pavement; conc. curbs, gutters; laying 48-ft. 8-in. terra cotta pipe. 1911 Act & Bond Act. 1915.

Inten. declared to imp. portion of Commercial and Court Sts.: grade and fill; 5-in. conc. pavement; conc. curbs and gutters. 1911 Act & Bond Act 1915. Protests April 25. Jerome A. Barieau, city engineer.

SOUTH PASADENA, Cal.—Until 5 p. m., April 23, bids will be rec. by city trustees to imp. Magnolia St., bet. Meridian Ave. and Fremont Ave., involv. 39,000 sq. ft. 3-in. crushed rock and oil; 4700 sq. ft. conc. gutters, 200 ft. 14-in. curb; 500 sq. ft. 5-ft. walk; 72 ft. 6-in. vit. pipe laterals; 1911 Act. Nettie A. Hewitt, clerk of the board.

FULLERTON, Cal.—Industrial committee of chamber of commerce seeks paving of a section of N Brookhurst Ave.

SANTA ANA, Cal.—City Eng. W. G. Knox preparing spec. to pave W. Fifth St. Work under 1911 Act and 1915 Bond Imp. Act. The city recently voted $30,-000 for this purpose.

SAN BERNARDINO, Cal. — County Surveyor E. T. Ham preparing spec. to pave 10-ft. strips on Archibald Ave., in Cucamonga, bet. Foothill Blvd. and Santa Fe Ry. tracks, 1 mi. Spec. call for 14-in. curbs to be used as storm drains. This work is in road dist. No. 22. Cost, $25,000.

EUREKA, Humboldt Co., Cal.—County Surv. A. J. Logan completing spec. to grade road bet. Briceland and state highway in vicinity of Lundblade place; est. cost $25,000 includ. const. of 4 bridges over Redwood creek, each having approx. span of 80 ft.

SAN BERNARDINO, Cal.—H. H. Lienau, 426 Brookside Ave., Redlands, awarded contr. by supervisors at $149,-500 (180 days), to grade and pave big Bear Lake Blvd., Big Bear Valley, involv. 5 mi. of oil bound macad. pavement 8-in. thick; culverts, dips, etc. Other bids were: Southern Constr. Co., $173,500 (150 days); R. T. Shea, $197,-999 (300 days).

STOCKTON, San Joaquin Co., Cal.—Until May 8, 10:30 a. m., bids will be rec. by A. L. Banks, city clerk, to imp. portions of East Main, A, C, D and E Sts., grade; const. comb. conc. curbs and gutters; con. walks; pave with 3-in. crushed rock base and 2-in. asph. conc. surface; a portion of B St., by grading; const. comb. conc. curbs and gutter; conc. walks; pave with 2-in. crushed rock base, 2½-in. asph. conc. base and 2-in. asph. conc. wearing surface. 1911 Act and 1915 Bond Act. Cert. check 10% payable to city req. W. B. Hogan, city engineer.

LONG BEACH, Cal. — Two Miracle Concrete Corp., Great Falls, Mont., (temporary address, Alexander Hotel, Long Beach), apparently submitted the lowest bid to city council, at approx. $300,000 to imp. sts. and const. storm and sanitary sewers in dist. 4, Belmont Shore Dist. California Constr. Co. submitted a bid of approx. $550,000 and Hickey & Harmon, one at approx. $700,-000. The work involves approx 870,746 sq. ft. 5-in. conc. paving; 33,610.19 lin. ft. cem. curb; 168,573.44 sq. ft cem. sidewalk, about 10,923 lin. ft. reinf. conc. storm drain pipe in diameters from 6 to 42 inches, about 54,326 lin. ft. cem. sanitary sewer pipe in diameters from 8 to 11 inches, 1377 lin. ft. 12-in. cast iron pipe, 140 type A, 24 type B, 1 type C, 3 type D, 5 type E and 12 type F manholes, 4 stand. flush tanks, 71 lamp holes, 14 stand. No. 1 catch basins and 60 special No. 2 catch basins. The low bidder's figures on street work were: 27c sq ft. paving, 70c ft. curb, and 21c sq. ft. walk. Bids under advisement until April 17.

CARSON CITY, Nevada — Nevada State Highway Commission announces that applications for employment in the following positions are desired: 4 location engineers; 4 transitment; rodmen, chainmen and stakemen. Locating engineers must have had experience in charge of railroad or highway location parties or similar work. Transitmen must be experienced instrument men with experience on location. For further information address Geo. W. Borden, state highway engineer, Carson City, Nevada.

OAKLAND, Cal.—City Council, E. K. Sturgis, clerk, declares intention to imp. 48th Ave., bet. E-12th and E-14th Sts.; grade; oil macadam pavement; conc. curbs, gutters; cem. walks. 1911 Act. Protests May 3. W. W. Harmon, city engineer.

SANTA ANA, Cal. — Steele Finley, Santa Ana, awarded contr. by supervisors April 10 at $38,500 to pave Richfield Rd., involv. 5-in. asph. conc. pavement on 4-in. crushed base, 20 ft. wide. Other bids were: Griffith Co., $39,000; Geo. R. Curtis, $39,900.

SAN JOSE, Santa Clara Co., Cal.—Until April 23, 8 p. m., bids will be rec. by J. J. Lynch, city clerk, to imp. 6th St., bet. Margaret and Keyes; grade pave with 1½-in. Warrenite-Bit. surface on 3-in. Bithulithic cem. bit. base; conc. curbs and gutters; art. stone walks; 2 br. catchbasins; 8-in. vit. pipe drains. 1911 Act and Bond Act 1915.

Separate bids, same date, to imp. 7th St., bet. Martha and Keyes; grade; pave with 1½-in. Warrenite-Bit. surface on 3-in. Bithulithic cem. bit. base; conc. curbs, gutters; 4 br. catchbasins; 8-in. vit. pipe drains. 1911 Act and Bond Act 1915. Cert. check 10% payable to city req. Wm. Popp, City eng.

VENICE, Cal.—Braun, Bryant & Austin, 1630 4th St., Santa Monica, awarded contr. by trustees at $44,169.42 to improve Ocean Ave., bet. Mildred Ave. and Sherman Ct., by paving with 5-in. conc. and conat. vit. pipe bse. sewers. Sander Pearson bid $52,173.68.

Braun, Bryant & Austin awarded contract by trustees at $11,397.25 to imp. Woodlawn Ave.; grade and pave with 2-in. Willite; const. conc. curbs, conc. drain, remodeling of manholes; other bids were: Geo. R. Curtis, $12,801.40; A. M. Dickins, $13,154.24.

EAST SAN DIEGO, Cal.—Trustees declare inten. to imp. portions of Pauly Ave., Fairmount Ave. and Colonial Ave., grade and pave with 1½-in. asph. surface on 2½-in. asph. conc. base; const. walks, walk returns, curbs, curb returns; 1911 Act and 1915 Bond Imp. Act. Wilbur W. Easton, city clerk.

STOCKTON, San Joaquin Co., Cal.—City Council, A. L. Banks, clerk, declares intention to imp. portions of Harrison, Lincoln, Clay, Anderson Sts., etc., grade; const. comb. conc. curbs and gutters; pave with 4-in. cem. gravel base with 2-in. asph. macadam surface. 1911 Act and Bond Act 1915. Protests May 1. W. B. Hogan, city eng.

SAN DIEGO, Cal.—City Eng. F. A. Rhodes, completes spec. to imp:

Hermosa Way, Valle Vista & the alley in blk. A, Allen Terrace, involving 41,095 sq. ft. paving 1½-in. asph. conc. wearing surface on ½-in. asph. conc. base, 31 lin. ft. cem. conc. curb, 164.9 cu. yds earth excav., 5 6-in. cem. conc. sewer laterals, 6 4-in. conc. sewer laterals.

E St., bet. 16th and 25th Sts., involv. 146,186.88 sq. ft. paving with 1½-in. Warrenite-Bit. wearing surface on 2½-in. bitu. base; 27.5 lin. ft. cem. conc. curb; 1911 Act.

Ivy St. and 31st St., involv. 73,313.3 sq. ft. paving with 16-in. asph. conc. wearing surface with 3-in. bitum. base; 1885.3 sq. ft. cem. conc. sidewalks; 281 lin. ft. cem. conc. curb; 1 12-in. No. 16 gauge corru. iron pipe culvert 20-ft. long. All under 1911 Act.

RED BLUFF, Tehama Co., Cal.—City Eng. W. F. Luning estimates cost of proposed sewer extensions at $19,-946. Spec. for extensions have been completed.

REEDLEY, Fresno Co., Cal.—City trustees, Hazel Trembley, clerk, declare inten. to imp. Riverview Ave., bet. s. city limits and South Ave., grade, 48-ft. wide and extend 4-in. water main 1911 Act and Bond Act 1915. Protests May 1.

EUREKA, Humboldt Co., Cal.—W. C. Elsmore, Eureka, at $2501 awarded cont. by supervisors to regrade a portion of old road and grade 1300 ft. of new road leading to golf grounds on Humboldt Hill in Rd. Dist. 3.

SANTA BARBARA, Cal.—J. T. Cornwall, Santa Barbara, awarded contr. by council at $5378.80 to pave Jimeno Rd., bet. Grand Ave. and Sta. 10.

SACRAMENTO, Cal.—Until April 26, 9 p. m., bids will be rec. by H. G. Denton, city clerk, to imp. alley bet. Front, 2nd, K and L Sts.: reconst. catchbasins and manholes; street drain with 6-in. vit. sewer connections; grade and construct for distance of 80-ft. on each end a basalt block pavement with conc. base and sand cushion and central 180-ft. with hyd. conc. 5½-in. thick. Cert. check 10% payable to city req. Albert Givan, city engineer.

OAKLAND, Cal. — Council E. K. Sturgis, Clerk, declares intention to imp. Union St., from 18th St. northerly: grade, conc. curbs and gutters; asph. conc. pavement; cem. walks; 2 br. manholes; 3 br. catchbasins; 4 vit. pipe conduits, etc. 1911 Act. Protests May 3. W. W. Harmon, City Eng.

SACRAMENTO, Cal.—Until April 26, 9 p. m., bids will be rec. by H. G. Denton, city clerk, to imp. 12th St., bet. O and R Sts. except inter. of P and Q Sts.: const. conc. curb and gutter; c. i. gutter drains with 6-in. vit. manhole connections; const. conc. manhole with c. i. covers; 8-in. vit. sewers; reconst. manholes and catchbasins; grade; pave with 2-in. asph. conc. Cert. check 10% payable to City req. Albert Givan, city engineer.

GLENDALE, Cal.—W. J. Curren, 379 W Patterson St., Glendale, awarded cont. by council at $7996 to pave Gilbert St., involv. 39,052 sq. ft. 3-in. macad. and other incidental work.

HANFORD, Kings Co., Cal. — Until April 23, 5 p. m., bids will be rec. by D. C. Williams, city clerk, to imp. Florinda St., bet. Park Ave and Redington St., and bet. Redington and Irwin and Irwin and Douty Sts.: grade, pave with 4-in. bituminous base with 1½-in. Warrenite-Bit. surface; cem. curbs, gutters; corru. iron and conc. culverts. 1911 Act and Bond Act 1915. Cert. check 10% payable to city req. Ben Duffield, city engineer.

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

$1,000 and Over Reported

The following is an index for the contracts for this issue.

No.	Owner	Contractor	Amt.
1328	Bruckner	Owner	6000
1329	Pohlmann	Kiernan	4000
1330	Shell	Owner	1400
1331	Associated	Owner	2000
1332	Newsom	Newsom	7000
1333	Bernal	Owner	3000
1334	Associated	Owner	2000
1335	Meyer	Keneally	2250
1336	Nelson	Owner	9000
1337	Nelson	Owner	10000
1338	Collonan	Owner	11000
1339	Rousseau	Owner	25000
1340	Morgan	Urfer	1750
1341	Pelser	Diestel	8000
1342	Collins	Stone	9900
1343	Follet	Casty	8382
1344	Breitman	Arnott	2900
1345	Pfueger	Peterson	5000
1346	Carusio	Carusio	8000
1347	Mohler	Owner	4000
1348	Cameron	Owner	5000
1349	Doyle	Owner	4000
1350	Goddard	Johnson	8000
1351	Hammond	Owner	4000
1352	Breitman	Arnott	2900
1353	Pats	Owner	12000
1354	Sullivan	Arras	23000
1355	Greenberg	Britt	20000
1356	Clancy	Owner	80000
1357	Lang	Arnott	4750
1358	Lang	Arnott	11700
1359	Brunton	Cameron	5000
1360	Thomas	Owner	7000
1361	Arnott	Arnott	11200
1362	Lutley	McKiller	10250
1363	Cross	Owner	1695
1364	Wolf	Johnson	9200
1365	Tay	Fink	1920
1366	Same	Same	21164
1367	Goddard	Johnson	13116
1368	Levy	Christiansen	12000
1369	City	Owner	5000
1370	Geavett	Neish	4000
1371	Hunter	Cox	2375
1372	Dunn	Monson	20000
1373	Philipp	Piper	8250
1374	Bordegaray	Mattock	23374
1375	Longuy	Mattok	11250
1376	Monson	Owner	2000
1377	Same	Same	2500
1378	Hamilton	Parker	1000
1379	Storheim	Owner	12000
1380	Demarais	Owner	6000
1381	Binet	Owner	10000
1382	Portugels	Christensen	4000
1383	Pinkerton	Owner	2200
1384	Moore	Roberts	5500
1385	Moffitt	Merritt	3000
1386	Ko Fan	Federal	10000
1387	Lalh	Nelson	30000
1388	Schell	Owner	15000
1389	Meacham	Anderson	9000
1390	Figoni	Harder	16600
1391	Growall	Lange	256000
1392	Cohen	Johnson	28400
1393	Oden	Strand	10470
1394	Schirmer	Norstrom	16880
1395	Golden	Brass	10823
1396	Mensor	Owner	15000
1397	Sutton	Owner	15000
1398	Rissinger	Owner	2000
1399	Benko	Jessiman	4750
1400	Noel	Smith	1500
1401	Reuter	Becker	1000
1402	Stevens	Gilmore	5000
1403	Chutes	Friedle	15000
1404	Same	Same	2500
1405	McMahon	Owner	1800
1406	City of S. F.	Owner	105000
1407	Johnson	Owner	20000
1408	Pasqualetti	American	22000
1409	Hunter	Cox	3000
1410	De Young	Parfker	69900
1411	Meacham	Anderson	11150
1412	Schord	Denke	44711
1413	Los Angeles	Lamson	1737
1414	Meyerfeld	Hoyt	11000
1415	Mueller	Owner	20000
1416	Weissbein	Meyer	20000
1417	Brouillet	Owner	14000
1418	Mensich	Marlin	4000
1419	Oyster	Owner	2000
1420	Grahn	Owner	19000
1421	Little	Little	10000
1422	Leigh	Owner	4000
1423	Magnuson	Magnuson	4000
1424	Arnott	Arnott	5800
1425	Meyerstein	Arnott	11500
1426	Shiel	Grimes	9800
1427	Ginn	Pacific	1498
1428	Daily News	Hjul	8000
1429	Royal	Owner	3500
1430	O'Brien	Kiernan	13000
1431	Same	Same	22000
1432	Lorenzetti	Ferroni	18075
1433	Moneta	Arnott	34370
1434	Benko	Jessiman	4750
1435	Angelor	Sartorio	11971
1436	Joyce	Jones	320

FRAME FLATS
(1328) E ROSEMONT PLACE 185 N Fourteenth. Two-story and basement frame (3) flats.
Owner—Mrs. Francis K. Bruckner, 35 Rosemont St., San Francisco. $6000
Architect—None.

DWELLING
(1329) W FORTY-FOURTH AVE 275 N Irving. One-story and basement frame dwelling.
Owner—Mrs. C. M. Pohlmann, 231 Cole St., San Francisco.
Architect—Peter Kiernan, 1442 48th Ave., San Francisco.
Contractor—Peter Kiernan, 1442 48th Ave., San Francisco. $4000

STATION
(1330) SW DIVISADERO & O'FARrell. One-story steel service station.
Owner — Shell Co. of California, 343 Sansome St., San Francisco. $1400
Plans by Owner.

STATION
(1331) SW POTRERO AVE. AND Twenty-fifth. One-story steel gasoline service seation.
Owner—Asssociated Oil Co., 79 New Montgomery St., San Francisco. $2000
Plans by Owner.

FRAME FLATS
(1332) E SAN JOSE AVE 205 S Duncan. Two-story and basement frame (2) flats.
Owner—A. A. Newsom, 1354 6th Ave., San Francisco.
Architect—A. G. Rizzoli, 2897 Folsom St., San Francisco.
Contractor—W. A. Newsom, 1354 6th Ave., San Francisco. $7000

ALTERATIONS
(1333) S SEVENTEENTH 75 E Dolores. Move dwelling, remodel and make additions.
Owner — J. C. Bernal, 505 Church St., San Francisco.
Architect—N. W. Mohr. $3000

STATION
(1334) SW VALENCIA AND EIGHTeenth. One-story steel gasoline supply station.
Owner—Asssociated Oil Co., 79 New Montgomery St., San Francisco. $2000
Plans by Owner.

REPAIRS
(1335) NO. 354 ELEVENTH. Raise, add one-story and make general repairs for stores and flats.
Owner—Sol F. Meyer, 110 Sutter St., San Francisco.
Architect—None.
Contractor—H. J. Keneally, 2175 Green St., San Francisco. $2250

DWELLINGS
(1336) W THIRTY-SECOND AVE 34 and 62 S Lincoln Way.
S LINCOLN WAY 90 W Thirty-second Ave. Three one-story and basement frame dwellings.
Owner—Fernando Nelson & Sons, Inc., 2 West Portal Ave., S. F.
Architect—None. $3000 each

DWELLINGS
(1337) W WAWONA 100 and 136 1
Ulloa. Two two-story and base
ment frame dwellings.
Owner—Fernando Nelson & Sons, Inc
2 West Portal Ave., S. F.
Architect—None. $5000 eac

APARTMENTS
(1338) W GUERRERO 69-4 S Duncan
Two-story and basement frame (4
apartments.
Owner — C. F. Collonan, 3211 Missio
St., San Francisco.
Architect—Dodge A. Riedy 850 Pacif
Bldg. San Francisco. $110

ALTERATIONS
(1339) E SANSOME 97-6 S Bush. I
stall elevator; new store fron
plastering ,etc., for offices an
stores.
Owner—A. F. Rousseau, 110 Sutter S
San Francisco.
Architect—D. C. Coleman, 110 Sutte
St., San Francisco. $25,0

REPAIRS
(1340) NO. 2207 CLAY. Repair fi
damage to dwelling.
Owner—Morgan Realty Co., Russ Bld
San Francisco.
Architect—None.
Contractor—Chas. E. Urfer, 134 Ha
leck St., San Francisco. $17

REPAIRS
(1341) NO. 1701 BROADWAY. R
pair fire damage for apartment
heating, electric work, carpent
work, etc.
Owner—E. Pelser, 248 Russ Bldg., Sa
Francisco.
Architect—Non.
Contractor — John Diestel, 248 Ru
Bldg., San Francisco. $80

FRAME BLDG.
(1342) E CASTRO 26-6 S Twenty-se
ond S 25-3xE 100. All work exce
electrical wiring, painting, fini
hardware, window shades and fi
tures for two-story and basem
frame building.
Owner—Mary E. Collins.
Architect — Martin J. Rist, Santa
Bldg., San Francisco.
Contractor—A. L. Stone, Pacific Bld
San Francisco. TOTAL COST, $99
Filed April 5, '23. Dated April 2, '23.
Rough frame up and roof sheathing on $24
Brown coated 24
Completed and accepted 24
Usual 35 days 24
Bond, $4950. Sureties, W. F. Wood
E. F. Enochs. Limit, 60 days. Forfe
$25. Plans and specifications filed.

STORE BLDG.
(1343) E MISSION 150 S Brazil A
All work except mill glass fini
hardware, lighting fixtures a
shades for store building.
Owner—C. W. Follet, 268 London S
San Francisco.
Architect—None.
Contractor—John Casty, 180 Jessie S
San Francisco.
Filed Apr. 6, '23. Dated Apr. 3, '23.
Frame up $20
Brown coated 20
Completed and accepted 20
Usual 35 days 20
TOTAL COST, $83
Bond, none. Limit, as fast as possibl
Forfeit, none. Plans and specificatio
filed.

DWELLING
(1344) S HOLLWAY 50 W Faxo
One-story and basement fra
dwelling.
Owner—Max Breitman, 2735 Clay S
San Francisco.
Architect—None.
Contractor—James A. Arnott,
Granville Way, S. F. $29

ALTERATIONS
(1345) E CASTRO 100 N Eighteenth. Cut in three skylights and install store fronts.
Owner—Tim F. Pflueger.
Architect—J. R. Miller, Lick Bldg., San Francisco.
Contractor—C. H. Peterson, 185 Stevenson St., San Francisco. $5000

DWELLINGS
(1346) E THIRTY-NINTH AVE 30 and 60 S Anza. Two one-story and basement frame dwellings.
Owner—L. M. Carusio, 5345 Geary St., San Francisco.
Architect—None.
Contractor — L. M. Carusio Co., 5345 Geary St., S. F. $4000 each

DWELLING
(1347) E TWENTY-SEVENTH AVE 195 N Cabrillo. One-story and basement frame dwelling.
Owner—T. E. Mohler, 458 23rd Ave., San Francisco.
Architect—None. $4000

RESIDENCE
(1348) N URBANO DRIVE opp. De Soto. Two-story and basement frame residence.
Owner—Cameron & Disston, Hearst Bldg., San Francisco.
Architect—P. C. Fisher, Hearst Bldg., San Francisco. $5000.

DWELLING
(1349) E TWENTY-SEVENTH AVE 245 N Cabrillo. One-story and basement frame dwelling.
Owner—J. C. Doyle, 1359 Washington St., San Francisco.
Architect—None. $4000

FRAME FLATS
(1350) NW CHATTANOOGA & JERSEY Two-story and basement frame (2) flats.
Owner—Mrs. Rosa Goddard, 3487 17th St., San Francisco.
Architect—None.
Contractor—Joel Johnson & Son, 1614 Church St., San Francisco. $8000

DWELLING
(1351) E TWENTY-SEVENTH AVE 220 N Cabrillo. One-story and basement frame dwelling.
Owner—L. B. Hammond, 151 26th Ave., San Francisco.
Architect—None. $4000

DWELLING
(1352) W NEWTON 100 E Capitol. One-story and basement frame dwelling.
Owner—Max Breitman, 2735 Clay St., San Francisco.
Architect—None.
Contractor—James A. Arnott, 235 Granville Way. $2900

FLATS, ETC.
(1353) N TWENTY-FOURTH 135 E Mission. Three-story and basement frame laundry and (2) flats.
Owner—Jean and Anna Pats, 2819 Mission St., San Francisco.
Architect—Jno. J. Foley, 770 5th Ave., San Francisco. $12,000

STORES
(1354) S HOWARD 110 W Second St. Two-story and basement concrete stores.
Owner—Walter H. Sullivan, Inc., % Architect.
Architect—Leo J. Devlin, Pacific Bldg., San Francisco.
Contractor—Adam Arras Co., 185 Stevenson St., San Francisco. $23,000

FOUNDRY
(1355) SW ALICE AND FOLSOM STS. Two-story brick foundry.
Owner—Greenberg Sons, 225 Beale St., San Francisco.
Architect — Samuel Lightner Hyman, 68 Post St., San Francisco.
Contractor—O. W. Britt, 180 Jessie St., San Francisco. $20,000

APARTMENTS
(1356) SE JONES AND STEVELOE Place. Six-story and basement concrete (41) apartments.
Owner—D. J. Clancy, 2884 Folsom St., San Francisco.
Architect—H. C. Baumann and Edw. Jose, 251 Kearny St., S. F. $80,000

DWELLING
(1357) N HERNANDEZ 150 E Vasquez. One-story and basement frame dwelling.
Owner—Lang Realty Co., 1st National Bank Bldg., San Francisco.
Architect—H. Stoner, 1st National Bk. Bldg., San Francisco.
Contractor—James Arnott & Son, 235 Granville Way, S. F. $4750

DWELLINGS
(1358) N PORTOLA 180, 215, 250 W Waithman. Three one-story and basement frame dwellings.
Owner—Lang Realty Co., 1st National Bank Bldg., San Francisco.
Architect—H. Stoner, 1st National Bk. Bldg., San Francisco.
Contractor—James Arnott & Son, 235 Granville Way, S. F. $3900 each

ALTERATIONS
(1359) SW NINETEENTH AND VALencia. Remodel front; add wash rack, plumbing, etc., for service station.
Owner—J. Brunton & Sons, Premises.
Architect—C. O. Clausen, Hearst Bldg. San Francisco.
Contractor — Cameron & Disston, Hearst Bldg., S. F. $5000

FRAME FLATS
(1360) W TWENTY-SIXTH AVE 195 S Geary. Two-story and basement frame (2) flats.
Owner—J. C. Thomas, 5429 Geary St., San Francisco.
Architect—None. $7000

DWELLINGS
(1361) W JULES 100, 125, 150 and 175 S Holloway. Four one-story and basement frame dwellings.
Owner—James A. Arnott, 235 Granville Way, San Francisco.
Architect—None.
Contractor—Jas. A. Arnott & Son, 235 Granville Way., S. F. $2800 ea

DWELLINGS
(1362) S LINCOLN WAY 50, 75 and 100 E 26th Ave. Three one-story and basement frame dwellings.
Owner—E. R. Lutley, 164 Cole St., San Francisco.
Architect—None.
Contractor—McKeller & Son, 1920 Post St., San Francisco. $3750 each

ALTERATIONS
(1363) NO. 4283 CALIFORNIA ST. Apply Johns-Manville asbestos shingles to residence; install skylight.
Owner—Dr. Chas. Cross, Premises.
Architect—None. $1695

FRAME BLDG.
(1364) W SANCHEZ 142 S Twenty-fourth 30x100. All work for two-story and basement frame bldg.
Owner—Victor Wolf, 3903 24th St., San Francnsco.
Architect—None.
Contractor—Joel Johnson & Son, 180 Jessie St., San Francisco.
Filed Apr. 6, '23. Dated ——, '23.
Ready for roof.....$2300
Brown coated 2300
Completed and accepted..... 2300
Usual 35 days..... 2300
TOTAL COST, $9200
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

SHELVING, ETC.
(1365) N NATOMA AND EIGHTH NW 75xNE 275. Rough bins, shelving, etc., in 1st story of building.
Owner—George H. Tay Co., Second and Mission Sts., San Francisco.
Architect—J. E. Krafft & Sons, Phelan Bldg., San Francisco.
Contractor—The Fink & Schindler Co., 226 13th St., San Francisco.
Filed Apr. 6, '23. Dated Apr. 4, '23.
Completed and accepted.....$1420
Usual 35 days..... 500
TOTAL COST, $1920
Bond, $1000. Surety, Hartford Accident & Indemnity Co. Limit, April 25, 1923. Forfeit, $20. Plans and specifications filed.

(1366) CARPENTER WORK, PARTITIONS, fixtures, fittings, counters, shelving, etc., mill work, windows, sash, doors, glass, galvanized iron and tin covering iron, fire doors, etc., on above.
Contractor—The Fink & Schindler Co., 226 13th St., San Francisco.
Filed Apr. 6, '23. Dated Apr. 3, '23. Exterior doors and sash fitted and hung and glass & glazing done.$3000
Completed and accepted.....12664
30 days after..... 5500
TOTAL COST, $21,164
Bond, $10,600. Surety, Hartford Accident & Indemnity Co. Limit, April 28, 1923. Forfeit, $40. Plans and specifications filed.

FRAME BLDG.
(1367) NW JERSEY & CHATTANOOGA All work for two-story and basement frame building.
Owner—Mrs. Rosa Goddard, 3487 17th St., San Francisco.
Architect—None.
Contractor—Joel Johnson & Son, 180 Jessie St., San Francisco.
Filed Apr. 6, '23. Dated Apr. 5, '23.
Ready for roof.....$3279
Brown coated 3279
Completed and accepted..... 3279
Usual 35 days..... 3279
TOTAL COST, $13,116
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

FLAT BLDG.
(1368) W SIXTEENTH AVE 250 N California. All work for two-story frame flat building.
Owner—Arthur and Anna Levy, Care Architect.
Architect—J. P. Christiansen, 518 25th Ave., San Francisco.
Contractor — H. C. Christiansen, 518 25th Ave., San Francisco.
Filed Apr. 6, '23. Dated Apr. 5, '23.
Frame up $3000
Brown coated 3000
Completed 3000
Usual 35 days..... 3000
TOTAL COST, $12,000
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(1369) NO. 965 MARKET (2nd floor). Remove present and install partitions and plumbing fixtures; redecorating, etc., for billiard hall.
Owner—City Investment Co., First National Bank Bldg., San Francisco.
Architect—A. L. Vezina, 68 Post St., San Francisco. $5000

SHOP
(1370) W SAN BRUNO AVE 100 S Silver. One-story concrete auto repair shop.
Owner — Edward Geavett, 408 Girard St., San Francisco.
Architect—None.
Contractor—James G. Neish, 627 Sunnydale Ave., S. F. $4000

ALTERATIONS
(1371) E ELEVENTH AVE 200 N Irving. Carpenter, concrete, electrical, plastering, painting and mill work for alterations to 2 flats
Owner—John Hunter, 1309 9th Ave., San Francisco.
Architect—None.
Contractor—Cox Bros., 1309 9th Ave., San Francisco.
Filed April 7, '23. Dated April 5, '23.
Ready for plaster.....864.25
Plaster finished 864.25
Completed 864.25
Usual 35 dayss 864.25
TOTAL COST, $3457.00
Bond, limit, forfeit, none. Plans and specifications filed.

ALTERATIONS
(1372) N BUSH 137-6 W Montgomery 68-8x137-6. All work for alterations and additions to one-story and basement Class C store bldg.
Owner—Wm. F. Dunn and Geo. H. Roos, 156 Montgomery St., S. F.
Architect—S. Helman, 57 Post St., San Francisco.
Contractor—Monson Bros., 251 Kearny San Francisco.
Filed April 7, '23. Dated Mar. 23, '23.
Roof on and terra cotta set....$7828
Completed and accepted..... 7828
Usual 35 days..... 7828
TOTAL COST, $31,312
Bond, $15,610. Sureties, E. T. Osborn and Chas. Monson. Limit, 80 days. Forfeit, none. Plans and specifications filed.

FRAME BLDG.
(1373) NW ARMY AND BRYANT N 275 W 75 S 23 m or 1 E 75-0¾ m or 1. All work for two-story frame building.
OwnerJos. A and Antonie Philipp, 3697 Mission St., San Francisco.

Architect—Evans & Co., Pacific Bldg., San Francisco.
Contractor—Paul Piper and Elbert Thomson, 128 3d St., San Francisco
Filed April 7, '23. Dated April 6, '23.
Frame up $2062.50
Brown coated 2062.50
Completed and accepted..... 2062.50
Usual 35 days..... 2062.50
TOTAL COST, $8250.00
Bond, $4125. Surety, Hartford Accident & Indemnity Co. Limit, 75 days. Forfeit, none. Plans and specifications filed.

CLASS C BLDG.
(1374) S O'FARRELL 91-6 E Larkin. All work for three-story and basement frame Class C building.
Owner—Pierre and Catherine Bordegaray, 2325 Pine St., S. F.
Engineer—John G. Little & Co., 251 Kearny St., San Francisco.
Contractor—Mattock & Feasey, 251 Kearny St., San Francisco.
Filed April 7, '23. Dated Feb. 28, '23. Payments to be made semi-monthly on certificate of engineer.
TOTAL COST not to exceed $23,374 including 1% for contractor and Eng. Bond, limit, forfeit, none. Plans and specifications filed.

FRAME FLATS
(1375) S GEARY 82-6 W Tenth Ave. W 25xS 100. All work for two-story frame flats.
Owner—G. Longuy, 1100 Clement St., San Francisco.
Architect — Gustave Stahlberg, 544 Market St., San Francisco.
Contractor—Mattock & Feasey, 251 Kearny St., San Francisco.
Filed April 7, '23. Dated April 4, '23.
Roof on and enclosed..... 25%
Ready for lathing..... 25%
Completed and accepted..... 25%
Usual 35 days..... 25%
TOTAL COST, $11,250
Bond, none. Limit, 110 days. Forfeit, none. Plans and specifications filed.

DWELLING
(1376) W THIRTY-NINTH AVE 25 S Anza. One-story and basement frame dwelling.
Owner—R. Monson, 532 Waller St., San Francisco.
Architect—H. C. Baumann and Edw. Jose., 251 Kearny St., S. F. $2000

DWELLING
(1377) SW ANZA AND THIRTY-ninth Ave. One-story and basement frame dwelling.
Owner—R. Monson, 532 Waller St., San Francisco.
Architect—H. C. Baumann and Edw. Jose, 251 Kearny St., S. F. $2500

GARAGE
(1378) SW BROADWAY & STEINER. One-story brick private garage.
Owner—R. G. Hamilton & Co., 358 Sutter St., San Francisco.
Architect—C. F. Parker, 15 Merced Ave., San Francisco.
Contractor—C. F. Parker, 15 Merced Ave., San Francisco. $1000

FRAME FLATS
(1379) W ARGUELLO BLVD 200 and 225 N California. Two two-story and basement frame (2 in each) flats.
Owner — M. P. Storhelm, 201 Caselli Ave., San Francisco.
Architect—C. O. Clausen, Hearst Bldg. San Francisco.$ $6000 each

RESIDENCE
(1380) E THIRTY-SECOND AVE 175 N California. Two-story and basement frame residence.
Owner—B. W. Demarals & Sons, 732 Page St., San Francisco.
Architect—None. $6000

APARTMENTS
(1381) E SHRADER 125 S Parnassus Ave. Two-story and basement frame (4) apartments.
Owner—John J. Binet, 275 Claremont Blvd., San Francisco.
Architect—None. $1000

STORES
(1382) NW FIFTH AND NATOMA. One-story reinforced concrete (2) stores.
Owner—Ely Portugels, % Contractor.
Designer—Christensen Bros., 518 25th Ave., San Francisco.
Contractor — Christensen Bros., 518 25th Ave., San Francisco. $4000

DWELLING
(1383) W HANOVER 200 S Lowell. One-story and basement frame dwelling.
Owner — Harry C. Pinkerton Jr., 157 Bellevue Ave., San Francisco.
Architect—None. $2200

DWELLING
(1384) E DESOTO 152 N Urbano Dr. One and one-half-story and basement frame dwelling.
Owner—W. A. Moore, San Anselmo.
Architect—R. G. Roberts, 319 South St., Sausalito.
Contractor—R. G. Roberts, 319 South St., Sausalito. $5500

ALTERATIONS
(1385) NO. 402-4-6-8 SIXTEENTH AV. Alter flats and stores.
Owner—Mrs. E. R. Moffitt, 404 16th Ave., San Francisco.
Architect—None.
Contractor—Geo. M. Merritt Bldg. Co., Inc. $3000

ROOF SIGN
(1386) NO. 1 DRUMM. Erect electric roof sign (steel frame).
Owner—Ko Fan, Inc., 751 Broadway, San Francisco.
Engineer—Henry D. Dewell, 55 New Montgomery St., S. F.
Contractor—Federal Elec. Co., 55 New Montgomery St., S. F. $10,000

APARTMENTS
(1387) S CLAY 182-9 W Presidio Ave. Two-story and basement frame (4) apartments.
Owner—Olga D. Laib, 2037 Baker St., San Francisco.
Architect—Arthur J. Laib, 2037 Baker St., San Francisco.
Contractor—Emil Nelson, 4835 Geary St., San Francisco. $30,000

MFG. PLANT.
(1388) W EIGHTH 50 N Bryant. One-story brick light manufacturing plant.
Owner—Samuel Schell, 180 Jessie St., San Francisco.
Architect—None. $15,000

DWELLING
(1389) E FIFTEENTH AVE 200 N Fulton. Two-story and basement frame dwelling.
Owner — T. E. and Isabell Meacham, 1410 Haight St., San Francisco.
Architect—None.
Contractor—O. E. Anderson, 483 15th Ave., San Francisco. $9000

FLAT BLDG.
(1390) W POWELL 105-6 S Green S 32xW 75-6. All work for three-story frame flat building.
Owner—Costantino and Adolfo Figoni.
Architect—Albert Porta, 622 Washington St., San Francisco.
Contractor—John Harder, 803 Vermont St., San Francisco.
Filed April 9, '23. Dated Mar. 29, '23.
Frame up $4150
Ready for plaster..... 4150
Completed and accepted..... 4150
Usual 35 days..... 4150
TOTAL COST, $16,600
Bond, $16,600. Surety, Fidelity & Casualty Co. Limit, 100 days. Forfeit, $10. Plans and specifications filed.

APARTMENTS
(1391) SW CHESTNUT AND LARKIN S 92-6xW 137-6. All work for 8-story and basement Class B apartment house.
Owner—W. L. Growall, Mutual Bank Bldg., San Francisco.
Architect—Wm. Knowles, Hearst Bldg. San Francisco.
Contractor—Lange & Bergstrom, Inc., Monadnock Bldg., S. F.
Filed Apr. 9, '23. Dated Feb. 27, '23.
At end of each month..... 90%
Usual 35 days..... 10%
TOTAL COST, $266,000
Bond, none. Limit, 330 days. Forfeit, none. Plans and specifications filed.

APARTMENTS
(1392) W SCOTT 34 N Hayes 35x87-6. All work for three-story and basement frame apartments.
Owner—H. Cohen.
Architect—J. C. Hladik, Monadnock Bldg., San Francisco.
Contractor—Axel Johnson, 632 Belvedere St., San Francisco.
Filed Apr. 9, '23. Dated Mar. 30, '23.
Enclosed $7100
Brown coated 7100
Completed and accepted..... 7100
Usual 35 days..... 7100
TOTAL COST, $28,400
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

FRAME FLATS
(1393) W SIXTEENTH AVE 221-1 S California S 25xW 120. All work For two-story and basement frame flat building.
Owner—Edgar G. and Olga Oden, 230 Judah St., San Francisco.
Architect—None.
Contractor—Strand & Strand, 163 Parnassus Ave., San Francisco.
Filed Apr. 9, '23. Dated Apr. 3, '23.
Frame up and sheathing and rustic on $1610
Brown coated 1610
80% of interior finish on..... 2360
Completed and accepted..... 2360
Usual 35 days..... 2530
TOTAL COST, $10,470
Bond, none. Limit, 100 days. Forfeit, none. Plans and specifications filed.

RESIDENCE
(1394) SE GEARY AND FORTY-fourth Ave. All work except tile roofing, painting, water heater, furnace, finish hardware, electric fixtures and shades for two-story frame residence.
Owner—Wm. Schirmer, 800 Bush St., San Francisco.
Architect—Schirmer, Bugbee & Co., Thayer Bldg., Oakland.
Contractor—David Nordstrom, 4146 Emerald St., Oakland.
Filed Apr. 9, '23. Dated Apr. 6, '23.
Frame up and sheathing on....$4220
Brown coated 4220
Completed and accepted..... 4220
Usual 35 days..... 4220
TOTAL COST, $16,880
Bond, $8440. Surety, National Surety Co. Limit, 100 days. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(1395) N GEARY No. 34 GEARY ST. All work for alterations to store.
Owner—The Golden Pheasant, Inc., Premises.
Architect—Alfred H. Jacobs, 110 Sutter St., San Francisco.
Contractor—Braas & Kuhn Co., 1917 Bryant St., San Francisco.
Filed Apr. 9, '23. Dated Apr. 7, '23.
On completion ..... ¾
Usual 35 days..... ¼
TOTAL COST, $10,823
Bond, $10,823. Sureties, P. Ruppert and B. Anderson. Limit, June 2, 1923. Forfeit, $62. Bonus, $62. Plans and specifications filed.

APARTMENTS
(1396) W VAN NESS AVE 62-6 N Francisco. Three-story and basement frame (12) apartments.
Owner—Geo. W. Mensor, 1315 Jackson St., San Francisco.
Architect—None. $15,000

ALTERATIONS
(1397) NW UNION AND VAN NESS Ave. Raise flats and add for stores
Owner—Sutton Development Co., Alexander Bldg., San Francisco.
Architect—August G. Headman, 747 New Call Bldg., S. F. $15,000

DWELLING
(1398) NE WILDE 82 NW Goettingen. One-story and basement frame dwelling.
Owner—H. L. Risinger, 300 Wilde Ave., San Francisco.
Architect—None. $2000

DWELLING
(1399) N ULLOA 230 E Claremont. One-story and basement frame dwelling.
Owner—S. Benko, 1713 Sanchez St., San Francisco.
Architect—None.
Contractor—J. W. Jessiman, 230 7th Ave., San Francisco. $1750

ADDITION
(1400) NO. 19 & 21 CULEBRA Terrace. Add porch; rebuild stairs and alter for 3 flats.
Owner—Daisy Noel, 464 4th Ave., San Francisco.

Architect—G. Bangs, 1st National Bank Bldg., San Francisco.
Contractor—Wm. Smith, 1340 Fell St., San Francisco. Cost, $1500

ALTERATIONS
(1401) NO. 919 SANCHEZ. Concrete foundation; ratproofing; brick fireplaces; T. & G. roofing, etc.
Owner—K. Reuter, Premises.
Architect—None.
Contractor—H. A. Becker & Son, 3444 22nd St., San Francisco. $1000

ALTERATIONS
(1402) NO. 216 MARKET. General alterations for restaurant.
Owner—Orlando Stevens, 771 12th Ave., San Francisco.
Architect—Clarence A. Tantau, 251 Kearny St., San Francisco.
Contractor—T. D. Gilmore, 126 McAllister St., S. F. $5000

"BUG" HOUSE
(1403) FORTY-NINTH AVE AND CABRILLO. One-story frame "bug" house.
Owner—Chutes Rides, Inc., 790 Great Highway, San Francisco.
Architect—Arthur Looff, 790 Great Highway, San Francisco.
Contractor—Friedle & Looff, 790 Great Highway, S. F. $15,000

ALTERATIONS
(1404) GREAT HIGHWAY AND CABRILLO. Move "Chute-The-Chutes" entrance approximately 100 ft. and regrade track, etc.
Owner—"Chutes-at-the-Beach, Inc., 790 Great Highway, San Francisco.
Architect—Arthur Looff, 790 Great Highway, San Francisco.
Contractor—Friedle & Looff, 790 Great Highway, San Francisco. $2500

ALTERATIONS
(1405) S GREEN 87-6 W Hyde. New foundation; concrete flooring.
Owner—Catherine McMahon.
Architect—None. $1800

SCHOOL BLDG.
(1406) N WASHINGTON 120 E Stockton. School buildings.
Owner—City and County of San Francisco (Oriental School).
Architect—Bureau of Architecture, Department of Public Works, 2nd Floor, City Hall, S. F.
Segregated Contracts. $105,000

APARTMENTS
(1407) W VAN NESS AVE 87-6 S Greenwich. Three-story and basement frame (12) apartments.
Owner—Axel Johnson, 632 Belvedere St., San Francisco.
Architect—H. C. Baumann & Edw. Jose, 251 Kearny St., S. F. $20,000

GARAGE
(1408) N SACRAMENTO 37-6 W Lyon. Two-story reinforced concrete public garage.
Owner—Joseph Pasqualetti, 786 Market St., San Francisco.
Architect—None.
Contractor—American Concrete Co., 786 Market St., S. F. $22,000

ALTERATIONS
(1409) E ELEVENTH AVE 100 N Irving. Remodel residence for (2) flats.
Owner—John Hunter, 1309 9th Ave., San Francisco.
Architect—None.
Contractor—Cox Bros., 1309 9th Ave., San Francisco. $3000

EXTENSION
(1410) IN GOLDEN GATE PARK. All work for extension to Memorial Museum.
Owner — M. H. De Young, Chronicle Bldg., San Francisco.
Architect—Weeks & Day, California Insurance Bldg., S. F.
Contractor—K. E. Parker Co., Clunie Bldg., San Francisco.
Filed April 9, '23. Dated April 5, '23.
At expiration of each month.. 75%
Usual 35 days..... 25%
TOTAL COST, $69,900
Bond, $35,000. Sureties, W. H. Healy and Chas. C. Horton. Limit, 160 days. Forfeit, $10. Plans and specifications filed.

FRAME FLATS
(1411) E FIFTEENTH AVENUE 200 N Fulton. All work except painting, papering, finish hardware, lighting fixtures and window shades for two-story frame flats.
Owner—F. E. and Isabelle W. Meacham 1410 Haight St., San Francisco.
Architect—Otto Anderson, 483 15th Av., San Francisco.
Contractor—Otto Anderson, 483 15th Ave., San Francisco.
Filed April 10, '23. Dated April 6, '23.
Roof on ..... ¼
Brown coated ..... ¼
Accepted ..... ¼
Usual 35 days..... ¼
TOTAL COST, $11,150
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

FRAME BLDG.
(1412) N GREEN 177-6 W Fillmore W 137-6 E 32-6 S 137-6. All work for three-story and basement frame building.
Owner — Milford H. and Margie H. Schord, 2901 Buchanan St., S. F.
Architect—E. H. Denke, 1317 Hyde St., San Francisco.
Contractor — Denke & Bowers, 1317 Hyde St., San Francisco.
Filed April 10, '23. Dated Mar. 14, '23.
2nd floor joists set.....$8384
Roof on 8383
Rough plastered 8382
Completed 8383
Usual 35 days.....11178
TOTAL COST, $44,711
Bond, $22,356. Sureties, Ella H. Denke and E. H. Denke. Limit, 150 days. Forfeit, none. Plans and specifications filed.

TUBE SYSTEM
(1413) N BRANNAN & SECOND NW 160xNE 100. All work for 3" pneumatic tube system.
Owner — Los Angeles Soap Co., 425 Kearny St., San Francisco.
Architect—None.
Contractor—The Lamson Co., 617 Mission St., San Francisco.
Filed April 10, '23. Dated Feb. 3, '23.
On 10th of each month..... 90%
30 days after, balance 10%
TOTAL COST, $1737
Bond, $868.50. Surety, The Aetna Casualty & Surety Co. Limit, forfeit, none. plans and specifications filed.

ALTERATIONS
(1414) NO. 565 MARKET. Remove center brick walls in 1st and 2nd stories; change location of elevator in basement, 1st and 2d floor and construct new store front.
Owner—Morris Meyerfeld Jr.
Architect—G. Albert Lansburgh, 140 Montgomery St., San Francisco.
Contractor—H. P. Hoyt, Monadnack Bldg., San Francisco. $11,000

STORE
(1415) N HOWARD 175 E Seventh. One-story and mezzanine floor concrete store.
Owner — S. F. Branch of H. Mueller Mfg. Co., 635 Mission St., S. F.
Architect—Geo. W. Kelham, 618 Sharon Bldg., San Francisco. $20,000

APARTMENTS
(1416) W VALENCIA 120 W Seventeenth. Three-story and basement frame stores and (8) apartments.
Owner—Jacob Weissbein, Hobart Bldg San Francisco.
Architect—H. C. Baumann & Edw. Jose, 251 Kearny St., S. F.
Contractor—Meyer Bros., 5326 Geary St., S. F. $20,000

FRAME FLATS
(1417) N LOMBARD 162-9 W Larkin. Two-story and basement frame (2) flats.
Owner—A. W. Brouillet, Humboldt Bk. Bldg., San Francisco.
Architect—Hermann Barth, 938 Phelan Bldg., San Francisco. $14,000

DWELLING
(1418) W LEE AVE 225 N Holloway. One-story and basement frame dwelling.
Owner—Mrs. M. Mensich, 231 Lee Ave., San Francisco.
Architect—None.
Contractor—A. Marlin, 254 Lee Ave., San Francisco. $4000

ADDITION
(1419) NO. 2525 SCOTT. Addition of two rooms for apartments.
Owner—Alfred Oyster, Premises.
Architect—Edw. E. Young, 2002 California St., San Francisco. $2000

DWELLINGS
(1420) W HAMPSHIRE 25, 98, 123, 148 and 173 N Army. Five one-story and basement frame dwlgs.
Owner—Wm. H. Grahn, 2840 Bryant St., San Francisco.
Architect—None. $3800 each

FRAME FLATS
(1421) N FULTON 32-6 W 19th Ave. Two-story and basement frame (2) flats.
Owner—John Little, 1035 Lincoln Way, San Francisco.
Architect—None.
Contractor—John Little & Son, 1036 Lincoln Way, S. F. $10,000

DWELLINGS
(1422) W FORTY-SECOND AVE 25, 50 and 75 S Cabrillo. Three one-story and basement frame dwlgs.
Owner—David Leigh, 840 44th Ave., San Francisco.
Architect—None. $4000

FRAME FLATS
(1423) N CALIFORNIA 35-6 W 22nd Ave. Two-story and basement frame (2) flats.
Owner—Mr. and Mrs. A. Magnuson and Mr. and Mrs. H. Peterson, 221 Noe St. and 662 Clayton St., respectively.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.
Contractor—Magnuson & Peterson, 221 Noe St., and 662 Clayton St., San Francisco. $4000

DWELLING
(1424) S GRANVILLE WAY 300 E Claremont Blvd. One-story and basement frame dwelling.
Owner — Jas. A. Arnott, 235 Granville Way, San Francisco.
Architect—None.
Contractor — Jas. Arnott & Son, 236 Granville Way, S. F. $5800

DWELLINGS
(1425) W EDGEHILL WAY 50 & 100 S. Garcia. Two one-story and basement frame dwellings.
Owner—Alfred L. Meyerstein, American Bank Bldg., S. F.
Architect—H. Stoner, First National Bank Bldg., San Francisco.
Contractor—James Arnott & Son, 235 Granville Way, S. F. $5750 each

RESIDENCE
(1426) SE MONTEREY BLVD. AND San Rafael Way. Two-story and basement frame residence.
Owner—Mrs. Geo. L. Shiel, Ideal Apts. 21st St., Oakland.
Architect — Henry H. Gutterson, 278 Post St., San Francisco.
Contractor—R. D. Grimes, 355 12th St., Oakland. $9800

TANK
(1427) SE STEVENSON AND SECOND Erect one 14' 6" dia. x14' stave 3" redwood 15,00-gal. tank lined with galvanized iron.
Owner—Ginn & Co., 20 Second St., San Francisco.
Architect—None.
Contractor—Pacific Tank & Pipe Co., 318 Market St., S. F. $1498

WAREHOUSE
(1428) N SHERIDAN 100 W Ninth. One-story concrete warehouse (paper storage).
Owner—The Daily News, 340 9th St., San Francisco.
Engineer—J. H. Hjul, 1342 Mission St., San Francisco.
Contractor—J. H. Hjul, 1342 Mission St. San Francisco. $8000

FACTORY
(1429) S McALLISTER 110 W Gough. Two-story frame factory.
Owner—Royal Show Case Co., 759 McAllister St., San Francisco.
Plans by Owner. $3500

FRAME FLATS
(1430) S BALBOA 61-6 W Eighteenth Ave. Two-story and basement frame (2) flats.
Owner—R. J. O'Brien, 1756 Mission St., San Francisco.

Architect — Andrew H. Knoll, Hearst Bldg., San Francisco.
Contractor—Kiernan & O'Brien, 1756 Mission St., S. F. $13,000

FRAME FLATS
(1431) SW BALBOA & EIGHTEENTH Ave. Two-story and basement frame store and (3) flats.
Owner—R. J. O'Brien, 1756 Mission St., San Francisco.
Architect — Andrew H. Knoll, Hearst Bldg., San Francisco.
Contractor—Kiernan & O'Brien, 1756 Mission St., S. F. $22,000

FRAME BLDG.
(1432) N FILBERT 175-6 E Stockton E 24xN120. All work except lighting fixtures, shades and finish hardware for three-story and basement frame building.
Owner—Lena Lorenzetti; Elvira Laveroni, Umlda and Edmund Raggio, 556 Filbert St., San Francisco.
Architect — Paul F. De Martini, 946 Broadway, San Francisco.
Contractor—G. Ferroni & Son, 1926 Filbert St., San Francisco.
Filed April 11, '23. Dated Mar. 19, '23.
Frame up $4500
Brown coated 4500
Completed and accepted..... 4500
Usual 35 days..... 4575
TOTAL COST, $18,075
Bond, $4050. Sureties S. Ferroni and Angelo Bendetti. Limit, 90 days. Forfeit, none. Plans and specifications filed.

RESIDENCES
(1433) S HEARST AVE 100, 130, 160, 190, 220, 250, 280, 310, 340 and 370 W Foerster (all 30xS 112-6 Ptn. Blk 12, Sunnyside. All work except painting, finish hardware, lighting fixtures, window shades, plumbing, sewering and gas fitting for ten one-story and basement frame residences.
Owner—Moneta Investment Co., 233 Pacific Bldg. San Francisco.
Plans by Contractor.
Contractor — James A. Arnott & Son, 235 Granville Way, S. F.
Filed April 11, '23. Dated Mar. 30, '23.
Frames up $8592.50
Brown coated 8592.50
Completed and accepted..... 8592.50
Usual 35 days..... 8592.50
TOTAL COST, $34,370.00
Bond, none. Limit, 130 days. Forfeit, $10. Plans and specifications filed.

RESIDENCE
(1434) LOT 23 BLK 2986 Claremont Court. All work for frame residence.
Owner—Steve E. and Bertha F. Benko, 1731 Sanchez St., San Francisco.
Plans by Contractor.
Contractor — John W. Jessiman, 230 7th Ave., San Francisco.
Filed Apr. 11, '23. Dated Apr. 7, '23.
When building started.....$700
Balance, $4050 in four equal payments as follows:
Frame up .....——
Roof on and plastered.....——
Completed and accepted.....——
Usual 35 days.....——
TOTAL COST, $4750
Bond, limit, forfeit, none. Plans and specifications filed.

FLATS, ETC.
(1435) COMG. 175 W fram SW Third and Stillman S 80xW 37-6. All work except lighting fixtures, finish hardware, window shades for concrete bakery and flat bldg.
Owner—Gust Angelos (Mionea Pie Co.) 3140 Fillmore St., San Francisco.
Architect—Frank M. Weber, 2224 Mariposa St., San Francisco.
Contractor—Chas. Sartorio, 180 Jessie St., San Francisco.
Filed Apr. 11, '23. Dated Apr. 3, '23.
Concrete work poured and forms removed except floors.....$2900
Plastering and roofing done.... 2900
Completed and accepted 2900
Usual 35 days..... 3271
TOTAL COST, $11,971
Bond, $5985. Surety, New Amsterdam Casualty Co. Limit, 75 days. Forfeit, $10. Plans and specifications filed.

STORE BLDG.
(1436) SE BALBOA AND FORTY-fifth Ave. All work for store building.
Owner—Patrick Joyce, 277 16th Ave., San Francisco.
Plans by Contractor.
Contractor—Thomas M. Jones, 3767 Army St., San Francisco.
Filed Apr. 11, '23. Dated Mar. 27, '23.
Roof on .....$——
Brown coated ..... ——
Completed ..... ——
Usual 35 days..... ——
TOTAL COST, plus $320
Bond, none. Limit, 60 days. Forfeit, plans and specifications, none.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted
April 4, 1923—LOTS 11, 13, 15 AND 17 Blk 3111, Westwood Park. Hans and Esther Nelson to whom it may concern.....April 2, 1923
April 5, 1923—SW EIGHTEENTH AV and Geary W 32-6xS 100. Oscar Tobriner to W L Hemminga.....April 4, 1923
April 5, 1923—E TWENTY-THIRD Ave 300 S Lincoln Way bet. Lincoln Way and Irwin. Chas and Christian Andersen to whom it may concern.....April 5, 1923
April 5, 1923—W THIRTY-THIRD Ave 221 S Cabrillo S 32xW 120. J T Dowling to whom it may concern.....April 4, 1923
April 5, 1923—NO. 63 ELLIS. W J Girard to Fink & Schindler Co.....April 4, 1923
April 5, 1923—SE PARIS 275 SW Excelsior Ave SW 25 SE 100 Ptn Lot 2 Blk 18, Excl Hd Assn. August and Olga Pearson to whom it may concern .....—
April 5, 1923—E COLLINS 45 N Geary 28x100. M Boxer to Emil Nelson.....April 4, 1923
April 5, 1923—NE TWENTY-FIRST & Eureka 33-6 N from Int 21st and Eureka E 50 S 33-6 th 50 to beg. Albert Bernhardt to whom it may concern.....April 5, 1923
April 5, 1923—S SUTTER 116-6 W Hyde W 61x137-6. Louis D Stoff to whom it may concern. Apr. 5, 1923
April 6, 1923—E FANON AVE 8 S from S line Lot 22 Blk 3166, Westwood Park N 43 N 85° 30' 27" E 95.758 S 39 S 83° 06' 16" W 96.280 Ptn Lots 21 and 22 Blk 3166, Westwood Park. Arthur C Roos to J H Herman.....April 3, 1923
April 6, 1923—NE SCOTT AND Jackson N 255-4½xE 65. W F Perkins and H O Trowbridge to J Harold Johnson.....April 2, 1923
April 6, 1923—SW SANSOME AND Bush S 137-6xW 206-3. Standard Oil Co to Standard Electric Time Co.....March 29, 1923
April 6, 1923—LOT 11 BLK 2981, Claremont. Mitchell P and Mary E Bailey to Walter E Hansen and O Koffka.....March 29, 1923
April 6, 1923—LOT 31 BLK 3166, Westwood Park. Walter E Hansen to whom it may concern.....April 5, 1923
April 6 1923—SW ARMY & HAMPshire 25x100; NW Army and Hampshire, 25x98. Wm H Grahn to whom it may concern.....April 5, 1923
April 6, 1923—E TWENTY-FOURTH Ave 190 S Cabrillo 30x120. Frank Norica to L M Carusio....Feb. 1, '23
April 6, 1923—E TWENTY-SECOND Ave 200 S Geary S 27-6xE 120. A Levy to Meyer Bros..April 4, 1923
April 6, 1923—E MISSION 75 N Excelsior Ave No. 4483 and 4485 Mission. Mae E Green to S Meinburger.....April 6, 1923
April 6, 1923—LOT 5 BLK 3166, Westwood Park. A F and Cecelia Bremberg to Wilson & Benson.....March 14, 1923
April 7, 1923—E ASHTON AVE 250 N Holloway Ave N 25xE 112-6 Lot 17 Blk 26, Lakeview. Gustav Benson to whom it may concern.....—
April 7, 1923—LOT 3 BLK 18, Amended Map Ingleside Terrace. Louis J Cohn to whom it may concern.....April 6, 1923
April 7, 1923—N TWENTY-FOURTH bet. Mission and Valencia Cor. Osage Alley 3328-3328A 24th St. Wanda and John Gnott to P H Edminster and F S Holland.....March 28, 1923
April 7, 1923—W WHITNEY 125 S Fairmount. Christine Kinberg to whom it may concern...April 1, 1923
April 9, 1923—NW COLE & PARnassus Ave 50 on Cole and 100 on Parnassus Ave. G F Bernard to whom it may concern...Apr. 7, 1923
April 9, 1923—W EIGHTEENTH Ave 375 N Fulton — 25xW 120. Edward E Manseau to whom it may concern.....April 9, 1923
April 9, 1923—S TWENTIETH 205 E Church E 25xS 114. Margaret J Walsh to Karl E Sundquist.....April 6, 1923
April 9, 1923—W THIRD AVE 175 S Geary S 25x120. Walter & and Lucile J Johnson to whom it may concern.....April 2, 1923
April 9, 1923—LOT 3 BLK 18 Sunnyside. Johan W and Ernest E Backman to whom it may concern .....April 9, 1923
April 9, 1923—E PRESIDIO AVE 49-5 N Post N 25xE 75. John S Purcell to whom it may concern.....April 7, 1923
April 9, 1923—LOTS 30 AND 32 Atalaya Terrace on E Atalaya Terrace 133-5 N Fulton. Mary Lacy to whom it may concern.....April 9, 1923
April 10, 1923—E VAN NESS AVE 50 N Filbert N 135 E 127 S 47-9 W 2 S 37-3 W 25 S 50 W 100. Geo S Boss and Jno E Hill to whom it may concern.....April 10, 1923
April 10, 1923—25 ft. on W Fortieth Ave 175 S Lincoln Way having depth of 120 ft. Walter Ehrenpfort to C Wengard.....April 6, 1923
April 10, 1923—S GEARY 57-6 E Larkin E 80xS 70. Morris Fox to Wm Martin, Monihan & Slavin, Rex Electric & Engineering Co.....April 2, 1923
April 10, 1923—E SCOTT 75 N Greenwich 25x80. Giacomo B Guaraglia to Paul Demartini....April 10, 1923
April 10, 1923—N ANZA 95 W 34th Ave W 50xN 100. Domenic Tiscornia to whom it may concern.....April 9, 1923
April 11, 1923—E POWELL 68-6 N Bush N 69xE 67-6. Edw. Beck to Anderson & Ringrose..April 11, 1923
April 11, 1923—LOT 28, 175 N Ashton Ave. A Marlin to whom it may concern.....April 2, 1923
April 11, 1923—LOTS 7 AND 8 BLK 27, Map Blk 27 to 31 Forest Hill Extn. George Holden to whom it may concern .....—
April 11, 1923—NW JACKSON AND Embarcadero. Wellman Peck & Co to W H Kirsten.....April 2, 1923
April 11, 1923—E TWENTY-SECOND Ave 120 S Cabrillo 25x120. Alfred J Gray to whom it may concern.....April 11, 1923
April 11, 1923—S CLEMENT 30 E 23rd Ave E 27-6xS 100. Tony and Irene Araboglou to A M Hardy.....April 10, 1923

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Amount
April 5, 1923—SE ELLIS AND POLK E 110xS 120. J H McCallum vs Payne Bros, York Realty Co and Chanslor & Lyon Co.....$1118.57
April 5, 1923—N NINETEENTH 121-4 W Douglas W 30xN 114; N 19th 202-8 W Douglas W 4 NW 21-4¾ N 116.01 E 21 S 6 E 4 S 110. Gus Gramm vs Jas C Gibson $149
April 5, 1923—E GREAT HIGHWAY 250 S Taraval S 50xE 120. Pioneer Plate & Window Glass Co vs Florence Dale or Mrs Harvey Dale and Harry L Dale and Hamilton & Costello $394.36
April 5, 1923—SE MARKET 206 NE Fourteenth NE 25xSE 100. Pioneer Plate & Window Glass Co vs Jas Landers and H Steiner.....$104.45
April 5, 1923—N NINETEENTH 54-2 W Clover Lane W 175xN 92. Gus Gramm vs Jas C Gibson.....$290.50
April 9, 1923—SE ELLIS AND POLK E 110xS 120. J E Higgins Lumber Co vs Payne Brothers, York Realty Co and Chansler & Lyon Co.....$254.48
Apr 9, 1923—NW TWENTY-FOURTH and Osage Alley 50 ft. frontage on 24th St. by 150. C G Daniels vs P H Edminster and C G Gnott..$182

April 10, 1923—W TWENTIETH AVE 225 N Ortega N 100xW 120. W L Nix vs C A Ericsson and Aurora Bissler $600
April 11, 1923—LOT 16 BLK "X" Park Lane Tract or No. 343 Lower Terrace. John F Lipp vs Chas E Terry $111.50
April 11, 1923—W TWENTIETH AV 225 N Ortega N 100xW 125. Contractors & Builders Supply Co vs Harris Mill & Cabinet Co, Jos Kann Wm J Wilkeson, Carl A Erickson and Mrs J W Aitkan $624.25
April 11, 1923—S BUSH 190 E Pierce E 36-6 S 137-6 W 36-7 N to beg No. 2345 Bush. M E Beek vs Annie and Gus Berndt and George A Williams $207

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded Amount
April 5, 1923—S HENRY 180 E Noe E 25xS 115. Michael Cosmos and J H Herbst to Martin and Sophie Christiansen .....
April 6, 1923—NO. 1252 TWENTY-fourth Ave. R C Taylor to Jennie and Celia Caro $76.87
April 11, 1923—LOT 28 BLK "J" Mission Terrace. Leonard Lumber Co to Ramon Eros, Mary Eros and W F Lovell $155.52

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

April 5, 1923—SW POST & GOUGH W 192-6 S 137-6 W 55 N 137-6 E 55. Eugene Moffat Invst Co as to improvements on property.....

RELEASE OF BUILDING CONTRACT

April 6, 1923—W SIXTEENTH AVE 250 N California. Anna and Arthur Levy to H C Christiansen .....

BUILDING CONTRACTS

ALAMEDA COUNTY

$1,000 and Over Reported

The following is an index for the contracts for this issue:

No.	Owner	Contractor	Amt.
1653	Seavens	Tramnal	9600
1654	Horning	Owner	3000
1655	Krokner	Lindquist	4678
1656	Magnovox	Allen	7000
1657	Close	Orton	4700
1658	Edwards	Owner	6000
1659	Kieran	Grunewald	2700
1660	Lyons	Oakley	3250
1661	Croyland	Fox	3259
1662	Johnson	Schmitz	2350
1663	Stanford	Willmott	2250
1664	Keith	Owner	2550
1665	Willmott	Owner	2500
1666	Dore	Henas	2750
1667	Taft	Schnebly	2438
1668	Digernes	Owner	7000
1669	Schroeder	Owner	2500
1670	Egenberger	Charleston	5565
1671	Woodard	Woodard	4500
1672	Newman	Owner	3500
1673	Parry	Rose	1789
1674	Zweifel	Johnson	6730
1675	Sullivan	Hillen	5200
1676	Armstrong	Owner	6500
1677	Merrian	Stewart	7000
1678	Sohst	Thelle	5500
1679	Hooper	Stolt	7640
1680	Field	Owner	5000
1681	Jones	Falk	5500
1682	Haynes	Hoyt	10000
1683	McElkinney	Beach	5000
1684	Gaston	Owner	2000
1685	Kelley	Johnson	11500
1686	Stein	Owner	3500
1687	Wilder	De Jong	5750
1688	Martin	Ferguson	4200
1689	Lindquist	Owner	5000
1690	Leonard	Owner	8000
1691	Natch	Sullivan	3000
1692	Webster	Hillen	4500
1693	Biggi	Nunes	11300
1694	Stacker	Meyer	3000
1695	Cianciarulo	Perona	10466
1696	Attino	Passarino	2000
1697	Berger	Owner	2750
1698	Ayers	Owner	2500
1699	Giesclien	Barlow	1520
1700	Ulrich	Gossett	10000
1701	Larson	Owner	5000
1702	Fea	Ponchione	1800
1703	Clausen	Owner	8000
1704	Scable	Marshall	3500
1705	Koleir	Owner	2750
1706	Celli	Perona	7850
1707	Samuels	Arthur	1000
1708	Britt	Boliner	4000
1709	O'Neil	Johnson	1500
1710	Schleason	Perry	3000
1711	Staley	Owner	1500
1712	Rollins	Owner	2500
1713	Craig	Steffens	2900
1714	McKallor	Owner	3000
1715	George	Cushman	3000
1716	Toutjian	Sommarstrom	4000
1717	Heron	Knowles	37495
1718	Putman	Graham	3285
1719	Krokner	Linquist	4678
1720	Kane	Allan	6000
1721	Woodside	Adams	1060
1722	Luff	Cuthbertson	8250
1723	Christ Church	Corletti	4750
1724	Harker	Bigelow	6500
1725	Martin	Owner	1500
1726	Ament	Texdahl	5000
1727	Keeves	Owner	2400
1728	Alameda	Owner	11000
1729	Oakland	Lawton	9350
1730	Knezevich	Barr	1845
1731	Brown	Owner	2800
1732	Glantz	Owner	3500
1733	Whitthorne	Knowles	47000
1734	Biggs	Nunes	11300
1735	Leonard	White	3980
1736	Koerber	Berkeley	10000
1737	Crane	Owner	4000
1738	Alameda Inv. Co.	Strang	5500
1739	Humphrey	Van Ness	3785
1740	Linkenlach	Owner	2500
1741	Torney	Chambers	7000
1742	Clark	Alder Clark	9000
1743	Vallerga	Glenn	2000
1744	Webster	Hillen	4500
1745	Sullivan	Hillen	5200
1746	Chelemedos	Brumfield	1800
1747	Zanardi	Valenti	4775
1748	Wright	Owner	5000
1749	St. Mary	Hochen	3500
1750	St. Mary	Owner	10500
1751	Fabiola Hosp.	Keefe	7930
1752	Fabiola Hosp.	Nat. Lath.	1670
1753	Fabiola	Cobbledick	3140
1754	Fabiola	Hallensleben	3745
1755	Fabiola	Mangrum Otter	7975

DWELLING
(1653) NO. 652 YOSEMITE, Berkeley. One-story 9-room dwelling.
Owner — Robert Seavens, 9 Domingo St., Berkeley.
Architect—Walter Steilberg, 1 Panoramic Way, Berkeley.
Contractor—Tramnal & Bradhoff, 922 55th St., Oakland. $9600

APARTMENTS
1654 S FOOTHILL BLVD. 120 E 35th Ave., Oakland. 2-story 12-rm apts.
Owner—Low Horning, 3528 Gray St., Oakland.
Architect—None. $9000

ALTER. & ADD.
(1655) 834 SIXTEENTH ST., Oakland.
Owner—Mrs. D. Krokner, premises.
Architect—None.
Contractor—Emil Lindquist 1358 E-28th St., Oakland. $4678

ADDITION
(1656) E-FOURTEENTH ST. & 28th Ave., Oakland. Addition.
Owner—Magnovox Co., premises.
Architect—None.
Contractor—T. E. Allen, 2718 Regent St., Berkeley. $7000

DWELLINGS
(1657) 2421 & 2307 HARRINGTON AV. Oakland. 2 1-story 4-room dwlgs.
Owner—T. E. Close.
Architect—None.
Contractor—A. E. Orton, 6500 Trenor St., Oakland. $2350 each

DWELLING
(1658) E THIRTY-NINTH AVE. 400 N Masterton, Oakland. 1-story brick and tile 8-room dwelling.
Owner—Robt. W. Edwards, 3704 34th Ave., Oakland.
Architect—None. $6000

DWELLING
(1659) 5366 BRYANT AVE., Oakland. 1-story 4-room dwelling.
Owner—F. H. Kieran, 5365 College Ave., Oakland.
Architect—None.
Contractor—F. Grunewald, 540 Bryant Ave., Oakland. $2700

DWELLING
(1660) N BURR AVE. 168 E Thermal, Oakland. 1-story 4-room dwelling.
Owner—D. H. Lyons.
Architect—None.
Contractor—Oakley & Kolmodin, 1911 65th Ave., Oakland. $3250

DWELLING
(1661) LOT 18 BLK 2074 Shaw Tract, Berkeley. All work for one-atory 5-room dwellling.
Owner—Adeline B. Croyland, Berkeley.
Architect—None.
Contractor—Herman K. and George H. Fox, 1814 Hearst Ave., Berkeley.
Filed April 5, '23. Dated Mar. 19, '23.
Ready for lath.....$1550
Completed 794
Usual 35 days..... 815
TOTAL COST, $3259
Bond, none. Limit, 60 days. Forfeit. none. Plans and specifications filed.

DWELLING
(1662) NO. 1202 DWIGHT WAY, Berkeley. One-story 4-room dwlg.
Owner—Mrs. C. Johnson, 1132 Dwight Way, Berkeley.
Architect—None.
Contractor—H. J. Schmitz, 2738 Mabel St., Berkeley. $2350

DWELLING
(1663) NO. 2430 CALIFORNIA ST., Berkeley. One-story 4-room dwlg.
Owner—E. A. Stanford, 2300 Shattuck Ave., Berkeley.
Architect—None.
Contractor — W. H. Willmott, 2427 Spaulding St., Berkeley. $2250

DWELLING
(1664) NO. 1626 PRINCE, Berkeley. One-story 4-room dwelling.
Owner—C. B. and P. A. Keith, 1630 Prince St., Berkeley.
Architect—None. $2500

DWELLING
(1665) NO. 2325 SPAULDING, Berkeley. One-story 5-room dwellng
Owner—W. H. Willmott, 2427 Spaulding St., Berkeley.
Architect—None. $2600

DWELLING
(1666) 1342 FIFTY-FIRST AVE., Okd. 1-story 5-room dwelling.
Owner—Frank Dore, premisaea.
Architect—None.
Contractor—Henas & Thompson, 6922 Arthur St., Oakland. $2750

ALT. & ADD.
(1667) 141 MONTECITO AVE., Oakland. Atl. & Add.
Owner—Mrs. H. C. Taft, 137 Montecito Ave., Oakland.
Architect—None.
Contractor—Schnebly & Hostrauser, 6th & Jackson, Oakland. $2438

DWELLING
(1668) 1628 & 1832 AUSEON AVE., Oakland. 2 1-story 5-room dwlgs.
Owner—J. Digernes & Son, 1711 Sherman St., Alameda.
Architect—None. $3500 each

DWELLING
(1669) 4458 MONTGOMERY, Oakland. 1-story 4-room dwelling.
Owner—Mrs. C. Schroeder, 2406 Market St., Oakland.
Architect—None. $2500

DWELLING
(1670) 630 SIXTY-FIRST ST., Oakland 1-story 5-room dwelling.
Owner — Eugene Egenberger, 634 61st St., Oakland.
Architect—None.
Contractor—C. E. Charleaton, 5627 Genoa St., Oakland. $5565

DWELLING
(1671) E EDGEWOOD AVE 150 S Hollywood, Oakland. 1-story 6-room dwelling.
Owner—Mabel Woodard, 535 Merritt Ave., Oakland.
Architect—None.
Contractor—E. Woodward, 535 Merritt Ave., Oakland. $4500

DWELLING
(1672) 2621 SIXTIETH AVE., Oakland 1-story 5-room dwelling.
Owner—E. O. Newman, 2316 Buena Vista, Alameda.
Architect—None, $3500

FIRE REPAIRS
(1673) 1010 FLEET RD., Oakland. Fire repairs.
Owner—G. M. Parry, premises.
Architect—None.
Contractor—A. H. Rose, 525 12th St., Oakland. $1789

DWELLING
(1674) SE TWENTIETH LOT 25 & N W 30 Lot 26 Blk S 4 Ave. Heights Tract, Oakland. 1½-story 6-room dwelling.
Owner—H. Z. Zweifel Jr., 3031 Colby St., Berkeley.
Architect—Hutchinson & Mills, Albany Bldg., Oakland.
Contractor—S. G. Johnson, 4652 Dolores St., Oakland.
Filed April 6, 1923. Dated April 4, 1923.
Roof boards on .....¼
Brown coated .....¼
Completed and accepted .....¼
Usual 35 days .....¼
TOTAL COST, $6790
Bond, $3395; Sureties, Aaron Dahlquist and John Sandin; Forfeit, none; Limit, 90 days; Plans and specifications filed.

DWELLING
(1675) LOT 3 BLK 8 MAP MELROSE Hts., Oakland. 1-story dwelling.
Owner—Dan & Lulu Scheiding Sullivan.
Architect—None.
Contractor—R. C. Hillen, 5364 Trask St. Oakland.
Filed April 6, 1923. Dated April 1, 1923.
April 1 .....$200
July 1 200
Note & deed of trust 4800
TOTAL COST $5200
Bond, Sureties, Forfeit, none; Limit, 90 days; Plans and specifications filed.

DWELLING
(1676) NO. 321 SAN CARLOS ST., Piedmont. One and one-half-story 9-room dwelling and garage.
Owner—Geo. Armstrong, 112 Bonita St., Piedmont.
Architect—None. $6500

DWELLING
(1677) NO. 108 MAGNOLIA AVE., Piedmont. Two-story 6-room dwelling and garage.
Owner—R. H. Merrian.
Architect—None.
Contractor—R. E. Stewart, Syndicate Bldg., Oakland. $7000

DWELLING
(1678) NO. 179 OAKMONT AVE., Piedmont. One-story 5-room dwelling and garage.
Owner—W. H. Sohst, 585 Lake Park Ave., Oakland.
Architect—None.
Contractor—F. J. Theile, 2905 Madison Ave., Oakland. $5500

DWELLING
(1679) NO. 7 PARK WAY, Piedmont. One-story 6-room dwelling and garage.
Owner—C. H. Hooper.
Architect—None.
Contractor—F. C. Stolte, 3455 Laguna St., Oakland. $7640

DWELLING
(1680) NO. 5 WORCESTER AVE., Piedmont. One-story 6-room dwelling and garage.
Owner—E. Field, American Bank Bldg., Oakland.
Architect—None. $5000

DWELLING
(1681) NO. 1109 RANLEIGH WAY, Piedmont. One-story 6-room dwelling and garage.
Owner—Wm. Jones.
Architect—None.
Contractor—Chas. W. Falk, 536 Pacific Ave., Alameda. $5500

RESIDENCE
(1682) NO 309 MAGNOLIA AVE., Piedmont. Two-story 8-room residence and garage.
Owner—Mrs. Grace W. Haynes.
Architect—None
Contractor — H. P. Hoyt, Monadnock Bldg., San Francisco. $10,000

DWELLING
(1683) NO. 21 BLAIR AVE., Piedmont. One-story 6-room dwelling and garage.
Owner—C. M. McElhinney, 43 Monticello Ave., Piedmont.
Architect—None.
Contractor—Beach & Noble, 3060 Kansas St., Oakland. $5000

DWELLING
(1684) S MAJESTIC AVE 75 E 62nd Ave., Oakland. One-story 3-room dwelling.
Owner — L. W. Gaston, 5830 Foothill Blvd., Oakland.
Architect—None. $2000

APARTMENTS
(1685) NO. 4151 PIEDMONET AVE., Oakland. Two-story 9-room apartments and stores.
Owner—David Kelley, 2558 E-37th St., Oakland.
Architect—None.
Contractor — L. Johnson & Son, 223 Greenbank Ave., Piedmont. $11,500

DWELLING
(1686) NO. 2168 FORTY-EIGHTH AV., Oakland. One-story 5-room dwlg.
Owner—Frank Stein, 2170 48th Ave., Oakland.
Architect—None. $3500

DWELLING
(1687) NO. 2443 HUMBOLDT, Oakland. One-story 9-room dwlg.
Owner—Beverly B. Wilder, Premises.
Architect—None.
Contractor—Louis De Jong, 2462 Wilbur St., Oakland. $5750

DWELLING
(1688) NO. 2600 PERALTA AVE., Oakland. One-story 6-room dwlg.
Owner—W. D. Martin, 2640 Peralta Ave., Oakland.
Architect—None.
Contractor—A. L. Ferguson, 3268 Prentiss St., Oakland. $4200

DWELLINGS
(1689) NO. 5930 AND 6000 HOLWAY Ave., Oakland. Two one-story 5-room dwellings.
Owner—Chas. N. Lindquist, 1586½ Pacific Ave., Alameda.
Architect—None. $2500 each

FLATS
(1690) NO. 1008-10 E-THIRTY-THIRD St., Oakland. Two-story 9-room flats.
Owner—E. B. Leonard, 589 Kenmore Ave., Oakland.
Architect—None. $8000

DWELLING
(1691) NO. 1457 SEVENTY-NINTH Ave., akland. One-story 4-room dwelling.
Owner—Edwin C. Natch, 1467 79th Av., Oakland.
Architect—None.
Contractor—Sullivan & Weissman, 6904 E-14th St., Oakland. $3000

DWELLING
(1692) LOT 4 BLK 8 Map Melrose Heights, Oakland. All work for one-story dwelling.
Owner—Charles and Tina Scheiding Webster, 1414 Harrison St., Okd.
Architect—None.
Contractor—R. C. Hillen, 5364 Trask St., Oakland.
Filed April 6, '23. Dated April 1, '23.
April 1 .....$ 200
July 1 200
Note and deed of trust..... 4100
TOTAL COST, $4500
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

FLATS, ETC.
(1693) W TELEGRAPH AVE 50 S Fifty-sixth S 60xW 100, Oakland. All work for one-story brick stores and flats.
Owner—John and Grace Biggi, 5641 Telegraph Ave., Oakland.
Architect—None.
Contractor—George W. Nunes, 5430 Dover St., Oakland.
Filed April 6, '23. Dated April 5, '23.
Brock walls and frame up..... ¼
2nd coat plaster on..... ¼
Completed ..... ¼
Usual 35 days..... ¼
TOTAL COST, $11,300
Bond, none. Limit, 100 days. Forfeit, none. Plans and specifications filed.

RESIDENCE
NO. 243 LA SALLE AV. Piedmont. Two story 9-room dwelling and garage.
Owner—Arthur G. Tasheiro.
Architect—None.
Contractor—A. Cederborg, 1445 Excelsior Blvd., Oakland. $18,000

DWELLING
(1694) NO. 1705 SIXTY-THIRD ST., Berkeley. One-story 5-room dwlg.
Owner—D. L. Stacker, 3139 Ellis St., Berkeley.
Architect—None.
Contractor — A. Meyer, 3139 Ellis St., Berkeley. $3000

STORES
(1695) NO. 2941-43-45 COLLEGE AVE. Berkeley. One-story stores.
Owner—B. Cianciarulo, 1016 Castro St., Oakland.
Architect—A. W. Smith, 1010 Broadway Oakland.
Contractor—John Perona, 351 12th St., Oakland. $10,466

DWELLING
(1696) NO. 1147 FRANCISCO, Berkeley. One-story 4-room dwlg.
Owner—A. Attino.
Architect—None.
Contractor—John Passarino, 5518 San Pablo Ave., Oakland. $2000

DWELLING
(1697) NO. 1403 STANNAGE, Berkeley One-story 5-room dwelling.
Owner — William Berger, 1810 Eagle Ave., Alameda.
Architect—None. $2750

DWELLING
(1698) NO. 1228 DWIGHT. One-story five-room dwelling.
Owner — D. M. Ayers, 2446 10th St., Berkeley.
Architect—None. $2500

DWELLING
(1699) 6427 SALEM ST., Oakland. 1-story 4-room dwelling.
Owner—L. Giesclien, 6429 Salem St., Oakland.
Architect—None.
Contractor—H. E. Barlow, 842 37th St., Oakland. $1520

BAKERY & DWELLING
(1700) 9315 E-FOURTEENTH ST., Oakland. Bakery and dwelling.
Owner—John Ulrich, 9323 E-14th St., Oakland.
Architect—None.
Contractor—C. A. Gossett, 327 Davis Court, San Leandro. $10,000

ALTERATION
(1701) 660 FIFTY-FOURTH ST., Oakland. Alterations.
Owner—N. Larson, premises.
Architect—None. $5000

DWELLING
(1702) 883 FORTY-SIXTH ST., Oakland. 1story 3-room dwelling.
Owner—F. Fea, 868 47th St., Oakland.
Architect—None.
Contractor—A. Ponchione, 953 45th St., Oakland. $1800

DWELLINGS
(1703) 2509 & 2515 FRUITVALE AVE., Oakland. 2 1-story 5-room dwlgs.
Owner—Fred Clausen, 1508 28th Ave., Oakland.
Architect—None. $4000 each

DWELLING
(1704) S MT BLVD LEONA HTS. Oakland. 1-story 6-room dwelling.
Owner—R. G. Scable.
Architect—None.
Contractor—J. S. Marshall, 4016 Foothill Blvd., Oakland. $3600

DWELLING
(1705) 2221 ONE HUNDRED NINTH Ave., Oakland. 1-story 5-room dwlg.
Owner—O. Koleir & Son, Sebastopol, California.
Architect—None. $2760

DWELLING
(1706) SW COR MONTCLAIR & McKinley, Oakland. 1-story 7-room dwelling.
Owner—B. Celli.
Architect—None.
Contractor—John Perona, 351 12th St., Oakland. $7850

ALT. & ADD.
(1707) 18 MONTE VISTA AVE., Oakland. Alt. & Add.
Owner—A. M. Samuels, premises.
Architect—None.
Contractor—Chas. E. Arthur, 3137 Peralto Ave., Oakland. $1000

ALT. & ADD.
(1708) S BRYAN ST., 200 W Peralta Ave., Oakland. Alt. and Add.
Owner—Ida Britt, 5397 Wentworth Ave. Oakland.
Architect—None.
Contractor—Frank Boerner, 2929 Foothill Blvd., Oakland. $4000

ALTERATION
(1709) NE COR FIFTY-SEVENTH & San Pablo, Oakland. Alteration.
Owner—Wm. O'Neil.
Architect—None.
Contractor—H. Elmer Johnson, San Leandro. $1500

DWELLING
(1710) 2587 SIXTY-THIRD AVE. Oakland. 1-story 5-room dwelling.
Owner—Mrs. Schleason, 733 Haight Ave Alameda.
Architect—None.
Contractor—J. Floyd Perry, 733 Haight Ave., Alameda. $3000

DWELLING
(1711) CHEVROLET HEIGHTS, Oakland. 1-story 4-room dwelling.
Owner—Samuel S. Staley, 7403 Foothill Blvd., Oakland.
Architect—None. $1500

ALT. & ADD.
(1712) 54 MONTE VISTA AVE., Oakland. Alt. & Add.
Owner—Lloyd S. Rollins, premises.
Architect—None. $2500

DWELLING
(1713) 2200 RANSOME ST., Oakland. 1 story 5-room dwelling.
Owner—R. Craig, 2562 Humboldt, Okd.
Architect—None.
Contractor—S. W. Steffens, 1941 Crosby, Oakland. $2900

DWELLING
(1714) 3707 MIDVALE AVE., Oakland. 1-story 4-room dwelling.
Owner—H. T. McCallor, 2923 Nicol Ave. Oakland.
Architect—None. $3000

DWELLING
(1715) 2056 EIGHTY-THIRD AVE., Oakland. 1-story 4-room dwelling.
Owner—Peter George, 83rd Ave., and Blanche St., Oakland.
Architect—None.
Contractor—C. A. Cushman, 1675 85th Ave., Oakland. $3000

DWLG. & STORE
(1716) 6301-03 SHATTUCK AVE., Okd. 1-story 4-room dwelling and store.
Owner—Toutjian Bros., 1900 Ashby Ave Berkeley.
Architect—None.
Contractor — Sommarstrom Bros. Co., 306 14th St., Oakland. $4000

CONCRETE BLDG.
(1717) SW NINETEENTH AND Franklin S 100 W 75, Oakland. All work for one-story reinforced concrete building.
Owner—Elizabeth D. Heron, Berkeley.
Architect—None.
Contractor—William Knowles, Central Bank Bldg., Oakland.
Filed Apr. 9, '23. Dated Apr. 2, '23.
As soon as due.....
TOTAL COST, $37,495
Bond, $18,747.50. Surety, Hartford Accident & Indemnity Co. Limit, 90 days frame April 10. Forfeit, $35. Plans and specifications filed.

ALTERATIONS
(1718) NO. 837 FIFTH AVE., Oakland. All work for alterations and additions
Owner—Mrs. J. R. Putman, Premises.
Architect—None.
Contractor—E. H. Graham, 152 Grand Ave., Oakland.
Filed April 9, '23. Dated ———.
All material delivered..... 80%
Completed 20%
TOTAL COST, $3285
Bond, limit, forfeit, none. Plans and specifications, none.

ALTERATIONS
(1719) NO. 834 SIXTEENTH ST., Oakland. All work for alterations and additions.
Owner—Mrs. D. Krokner, Premises.
Architect—None.
Contractor—Emil Lindquist, 1358 E-28th St., Oakland.
Filed Apr. 9, '23. Dated Mar. 26, '23.
Each week labor bills.....
Each month material.....
Completed and accepted.. Balance
TOTAL COST. $4678
Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

DWELLINGS
(1720) NO. 752 AND 754 LINCOLN AV. Alameda. Two one-story 5-room dwellings.
Owner—Mary A. Kane, 1704 Central Ave., Alameda.
Architect—None.
Contractor—M. Allan, 578 71st St., Oakland. $3000 each

ADDITION
(1721) NO. 1061 GRAND ST., Alameda. Addition.
Owner—Mrs. M. Woodside, Premises.
Architect—None.
Contractor—M. J. Adams, 1908 Schiller St., Alameda. $1060

DWELLING
(1722) PALMERA COURT, Alameda. Two-story 6-room dwelling.
Owner—H. Luff.
Architect—A. T. Hass, 2124 Eagle Ave., Alameda.
Contractor — Thos. Cuthbertson, 1766 12th Ave., San Francisco. $8250

HALL
(1723) NO. 1420 GRAND ST., Alameda. One-story hall.
Owner—Christ Church.
Architect—H. Murdock, Syndicate Bldg. Oakland.
Contractor—Corletti & Bagaloppi, 1862 8th St., Alameda. $4750

DWELLING
(1724) NO. 1714 THOUSAND OAKS Blvd., Berkeley. Two-story six-room dwelling.
Owner—R. W. Harker, 2310 Haste St., Berkeley.
Architect—None.
Contractor—J. E. Bigelow, 2234 Atherton St., Berkeley. $6500

DWELLING
(1725) NO. 3112 HARPER, Berkeley. One-story 3-room dwelling.
Owner—Wm. F. Martin, 1633½ 62nd St., Berkeley.
Architect—None. $1500

DWELLING
(1726) NO. 2216 AND 2216A DURANT St., Berkeley. One-story 6-room duplex dwelling.
Owner—E. N. Ament, 2545 Benvenue Ave., Berkeley.
Architect—None.
Contractor—C. Texdahl, 5375 Belgrave Place, Oakland. $5000

DWELLING
(1727) 3573 CUSTER ST., Oakland. 1-story 5-room dwelling.
Owner—R. E. Reeves, 1505 37th Ave., Oakland.
Architect—None. $2400

DWELLINGS
(1728) N MADELINE ST. 40, 80, 120, 440 E Maple Ave., Oakland. 4 1-sto. 5-room dwellings.
Owner — Alameda Inv. Co., Syndicate Bldg., Oakland.
Architect—None. $2750 each.

ADDITION
(1729) LAKESIDE PARK, Oakland. Addition to grand stand.
Owner—City of Oakland.
Architect—Reed & Corlett, Oakland Bk. of Savings, Oakland.
Contractor—Lawton & Vezey, 351 12th St., Oakland. $9350

STORES
(1730) 2200-02 EIGHTY-SECOND AVE Oakland. 1-story 2-room stores.
Owner—J. Knezevich, 1761 10th St., Okd
Architect—None.
Contractor—Barr & Son, 306 26th St., Oakland. $1845

DWELLING
(1731) 1320 ONE HUNDRED SEVenth Ave., Oakland. 1-story 5-room dwelling.
Owner—F. H. Brown, 1453 35th Ave., Oakland.
Architect—None. $2800

DWELLING
(1732) 1311 E-THIRTY-SIXTH ST., Oakland. 1-story 5-room dwelling.
Owner—E. G. Glantz, 4611 Virginia Ave Oakland.
Architect—None. $3500

STORES
(1733) SW COR. ELEVENTH AND Washington Sts., Oakland. 3-story concrete stores.
Owner—Whitthorne & Swan, premises.
Architect—None.
Contractor—Wm. Knowles, Central Bk. Bldg., Oakland. $47,000

STORES
(1734) W TELEGRAPH AVE. 54 S 56 St., Oakland. 1-story brick stores.
Owner—John Biggi, 5541 Telegraph Av. Oakland.
Architect—None.
Contractor—Geo. W. Nunes, 5430 Dover St., Oakland. $11,300

DWELLING
(1735) NO. 806 EUCLID AVE., Berkeley. Two-story 6-room dwlg.
Owner—Donna Leonard, 2241 San Jose Ave., Alameda.
Architect—None.
Contractor—J. B. White, 2117 Dwight Way, Berkeley. $3980

STORES
(1736) NO. 2050-52-54 UNIVERSITY Ave., Berkeley. One-story 3-room Class C stores.
Owner—Koerber & Bischoff.
Architect—W. W. Dixon, 5th Ave., Okd.
Contractor—Berkeley Bldg. Co., Colusa and Solano Sts., Berkeley. $10,000

DWELLING
(1737) NO. 2511 HILLCOURT. Berkeley. Two-story 6-room dwelling.
Owner—C. B. Crane, 2695 Cedar St., Berkeley.
Architect—None. $4000

DWELLINGS
(1738) N MADELINE 385, 480 E Maple, Oakland. 2 1-story 5-rm. dwlgs.
Owner—Alameda Inv. Co., Syndicate Bldg., Oakland.
Architect—None.
Contractor — Fred Strang, Syndicate Bldg., Oakland. $2750 ea.

DWELLING
(1739) 2548 HOPKINS, Oakland. 1-story 6-room dwelling.
Owner—W. Hurmphrey, 7th Ave. and E-19th St., Oakland.
Architect—None.
Contractor—L. E. Van Ness, 2536 Hopkins St., Oakland. $3785

DWELLING
(1740) W BROWN AVE. 250 N California, Oakland. 1-story 5-room dwelling.
Owner—Chester Linkenlach, 3520 Maple Ave., Oakland.
Architect—None. $2500

DWELLINGS
(1741) 1085-87 SIXTY-FIRST ST Oakland. 2 1-story 6-room dwellings.
Owner—Arthur Torney, Plaza Bldg., Oakland.
Architect—None.
Contractor—J. F. Chambers, Plaza Bldg Oakland. $3500 each

DWELLINGS
(1742) S FLORIDA 410 & 430 W Maple, Oakland. 2 1-story 6-room dwellings.
Owner—A. E. Clark, 2510 E-21 St., Oakland
Architect—None.
Contractor—Alder & Clark, 2510 E-21st St., Oakland. $4500 each

ALTERATION
(1743) NE COR. THIRTY-EIGHTH & Grove Sts., Oakland. Alterations.
Owner—T. Vallerga, 436 38th St., Okd.
Architect—None.
Contractor—H. Glenn, 722 35th St., Oakland. $2000

DWELLING
(1744) N FOOTHILL BLVD. 20 E Cole St., Oakland. 1-story 5-room dwlg.
Owner—Tina Webster, 1023 Filbert St., Oakland.
Architect—None.
Contractor—R. C. Hillen, 5364 Trask St. Oakland. $4500

DWELLING
(1745) N FOOTHILL BLVD. 80 E Cole St., Oakland. 1-story 6-room dwlg.
Owner—Dan Sullivan, 1023 Filbert St., Oakland.

Architect—None.
Contractor—R. C .Hillen, 5364 Trask St. Oakland. $5200

STORES
(1746) W TELEGRAPH 35 N 55th St., Oakland. 1-story stores.
Owner—Mimmi Chalemedos, 2028 Shattuck Ave., Berkeley.
Architect—None.
Contractor—F. Brumfield, 4356 Howe St., Oakland. $1800

DWELLING
(1747) 850 FORTIETH ST., Oakland. 1-story 6-room dwelling.
Owner—G. Zanardi.
Architect—None.
Contractor—M. E. Valente, 5215 Locksley St., Oakland. $4775

DWELLING
(1748) W ATHOL AVE 120 S Hillgirt Circle, Oakland. 1-story 5-rm dwlg.
Owner—Josephine A. Wright, Hollister, Oakland.
Architect—None. $5000

DWELLING
(1749) 1752 AUSEON AVE., Oakland. 1-story 5-room dwelling.
Owner—Joe St. Mary.
Architect—None.
Contractor—Wm. Hochen, 9411 E-14th St., Oakland. $3500

DWELLINGS
(1750) 1657-1663-1669 EIGHTY-SEVenth Ave., Oakland. 3 1-story 5-rm. dwellings.
Owner—Joe St. Mary, 1465 Auseon Ave. Oakland.
Architect—None. $3500 ea.

PAINTING
(1751) NE COR MOSS AVE. & BDWY., N 178.75 E 150 N 192 E 250 S 443 W 322-8, Oakland. Painting for 4-story hospital.
Owner—Fabiola Hospital Association.
Architect—George W. Kelham, Sharon Bldg., San Francisco.
Contractor—J. H. Keefe Co., 1442 Bush St., San Francisco.
Filed April 11, 1923. Dated April 9, 1923.
10th day each month 75%
Usual 35 days 25%
TOTAL COST, $7930
Bond, $3965; Sureties, Union Indemnity Co.; Forfeit, none; Limit ,Sept. 8; Plans and specifications filed.

(1752) LATHING AND FURRING ON above.
Contractor—George Hudson (National Lathing Co.) Monadnock Bldg., San Francisco.
Filed April 11, 1923. Dated Mar. 31, 1923.
Payments same as above.
TOTAL COST, $1670
Bond, $835; Sureties, Fidelity & Deposit Co.; Forfeit, none; Limit, July 25; Plans and specifications filed.

(1753) GLAZING ON ABOVE.
Contractor — Cobbledick-Kibbe Glass Co., 666 Howard St., S. F.
Filed April 11, 1923. Dated April 6, 1923.
Payments same as above.
TOTAL COST, $3140
Bond, $1570; Sureties, Globe Indemnity Co.; Forfeit, none; Limit 60 days; Plans and Specifications filed.

(1754) ORNAMENTAL IRON AND bronze on above.
Contractor — Herman Hallensleben (Monarch Iron Works), 252 7th St., San Francisco.
Filed April 11, 1923. Dated Mar. 31, 1923.
Payments same as above.
TOTAL COST, $3745
Bond, $1873; Sureties, Union Indemnity Co.; Forfeit, none; Limit, Aug. 31; Plans and specifications filed.

(1755) INTERIOR TILE ON ABOVE.
Contractor—Mangrum & Otter, 827 Mission St., San Francisco.
Filed Apr. 11, 1923. Dated Mar. 28, 1923.
Payments same as above.
TOTAL COST, $7975
Bond, $3988; Sureties, National Surety Co.; Forfeit, none; Limit, 50 days; Plans and specifications filed.

COMPLETION NOTICES

ALAMEDA COUNTY.

Recorded Accepted

April 5, 1923—S E-SIXTEENTH 100 E 29th Ave E 43xS 103, Oakland. J J O'Keefe to J F Loughery..... .....March 28, 1923

Apr 5, 1923—SW E-TWENTY-FIRST and Ninth Av SE 150xSW 100, Oakland. V A Dunn to whom it may concern. .....April 5, 1923

April 6, 1923—LOTS 69 AND 70 BLK "C" Map Fruitvale Villa Tract, Oakland. Arnold E and Annie S Oliver to N B Clarke....Apr. 5, 1923

April 6, 1923—LOT 22 BLK 4 South Lakeshore Glenn, Oakland. Earl B Leonard to whom it may concern. .....April 4, 1923

April 6, 1923—NO. 2201, 207, 2215, 2221 and 2227 Harrington Ave and 3572 Custer St., Oakland. R E Reeves to G. N. White..April 4, 1923

April 6, 1923—E CLAREMONT AVE 458 N 59th St., Oakland. Clarissa F Hamilton by Fred E Adams to Harry C Knight.....April 5, 1923

April 6, 1923—E 14 LOT 53 and W 26 Lot 54 Map Whitehouse Plot, Oakland. M G Kendall to California Builders Co.....Apr. 5, 1923

April 6, 1923—SW McKINLEY AND Allston Way, Berkeley. M G Kendall to California Builders Co.... .....April 5, 1923

April 5, 1923—(1) E DESMOND 100 N 51st 65x100; (2) N 51st 50 E Desmond 50x110; (3) NE Desmond and 51st, 50x110, Oakland. Waldo E & Etta A Smith to Harry C Knight .....March 17, 1923

April 7, 1923—LOT 101 Map Santa Fe Tract No. 20, Oakland. James H Young to whom it may concern

April 7, 1923—LOT 13 BLK 1 Lakemont, Oakland. Morris W Wilsey to J W Gaba.....April 7, 1923

April 7, 1923—W SUNSET AVE and N E-29th W 50xN 100, Oakland. E J Nelson to whom it may concern .....April 6, 1923

April 7, 1923—S WELD 870.44 E 73rd Ave 35x100, Oakland. Clarence A Shipman to whom it may concern .....April 6, 1923

April 6, 1923—NO. 2235-37-39-41 E-Fifteenth St., Oakland. Allen E King to F T Kennedy..April 5, 1923

April 9, 1923—SW FAIRVIEW AVE and SE High SW 120xSE 40, Alameda. Lulu M Griesemer to G W Owens.....April 9, 1923

April 9, 1923—PTY LOTS 16 AND 19 Blk 5, Map Thousand Oaks Station Tract, Berkeley. E R Lamb to whom it may concern..April 5, 1923

April 9, 1923—SE ORANGE AVE 100 SW E-27th SW 100xSE 100, Oakland. Theo Gier to F C Stolte..... .....April 9, 1923

April 9, 1923—LOTS 2 AND 3 BLK "A" Rose Knoll, Berkeley. P E Marquis to whom it may concern .....April 9, 1923

April 9, 1923—LOT 29 BLK 4, Shaw Tract, Berkeley. M P Graves to whom it may concern.March 10, 1923

April 9, 1923—LOT 28 BLK 4, Shaw Tract, Berkeley. M P Graves to whom it may concern.March 23, 1923

April 10, 1923—LOT "P" Map Blk 2, Claremont, Berkeley. E E Carpenter to whom it may concern...—

April 10, 1923—LOT 12 BLK 28 Amended Map Fairmount Park, Albany. Mollie E Roberts to C B Roberts .....—

April 10, 1923—LOTS 35 AND 36 BLK 14, North Cragmont Sbdvn, ———. Geo M Calhoun to E F Henderson.. .....April 5, 1923

April 10, 1923—LOCATION NOT Given, Oakland. Mrs. J R Putnam to E H Graham.....April 10, 1923

April 11, 1923—S LINCOLN 202½ E Sacramento E 37½xS 135, Berkeley W E Brooks to whom it may concern.....March 1, 1923

April 11, 1923—E FULTON 44-10 S Ward, S 134-6xE 120, Berkeley. Bessie B Cecil to W S Storm..... .....April 7, 1923

April 11, 1923—S CENTRAL AVE 80 W Everett 50x100, Oakland. Evelyn M Gumpel to Harry C Knight .....—

April 11, 1923—LOT 5 Lakeland, Oakland. Ralph E and Helen Hughes Norris to Ralph E Norris .....April 9, 1923

LIENS FILED

ALAMEDA COUNTY

Recorded Amount

April 5, 1923—NE OF E 18th and SE 165 NE 100 Park Boulevard, Oakland. R L Jones vs Dimitrios P and Louisa Kalitsas and G A Williams $161

April 7, 1923—LOT 22 BLK 24 Fitchburg Homestead Lots, Oakland., Charles Bellerive vs George A Willmas $35

April 7, 1923—S CENTRAL AVE 80 Park Ave W 40xS 120, Alameda. Powell Bros, Inc vs G A Williams, C and P Barrielles.....$114.65

April 7, 1923—NE SEVENTY-THIRD Ave and Spencer, Oakland. Powell Bros Inc vs G A Williams.....$25.25

April 10, 1923—NE FORTY-THIRD and Grove E 90xN 50, Oakland. A K Goodmundson vs Rowena Heald and T P Fay.....$52

April 11, 1923—NE 27 FEET LOT 27 and SW 11 ft. Lot 25 Blk 3, Map Pilsburg Homestead lot. Oakland. John Vinson vs F E Cline.....$100

April 11, 1923—NO. 2562-68-74-80-86 Sixty-third Ave. Oakland. Wm O'Connell vs R O McCline $230

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded Amount

April 4, 1923—NE TELEGRAPH AVE and Bancroft Way N 120xE 45, Berkeley. W S Ray Mfg Co, Inc to F L Warner Co et al.....$270.80

BUILDING CONTRACTS

SAN MATEO COUNTY

RESIDENCE
LOTS 22 & 23 BLK 9 BURLINGAME Terrace, Burlingame. All work for 1-story residence and garage.
Owner—Hans Platte.
Architect—None.
Contractor—James Sow, 76 Coleridge, San Francisco.
Filed April 2, 1923. Dated Mar. 31, 1923.
Framed .....$1350 each
Brown coated ..... 1350 each
Completed and accepted... 1350 each
Usual 35 days ..... 1350 each
TOTAL COST, $5400 each
Bond, 2750; Sureties, J. B. Slyter & Jos. Frisken; Forfeit, Limit, none; Plans & specifications filed.

DWELLING
PART LOT 12 BLK 17 REDWOOD Highland, Redwood. All work for dwelling.
Owner—Redwood Highlands Co., Redwood.
Architect—None.
Contractor—Louis M. Pollard, 55 Brewster St., Redwood.
Filed April 2, 1923. Dated Mar. 20, 1923.
Framed $984.25
Brown coated 984.25
Completed and accepted 984.25
Usual 35 days 984.25
TOTAL COST, $3937
Bond, $1968.50; Sureties, W. P. Gray, Z. T. Thorny; Forfeit, none; Limit, 60 wk. days; Plans and specifications filed.

BUNGALOW and garage, $4200; Lot 4 Blk 43, Easton 3 Drake Ave.; owner Fay & Johnson.
RESIDENCE, 2-story frame, and garage, $9500; Lot 21 Blk 12 Sub 2, Burl. Park, Chapin Ave., Burlingame owner, Mrs. H. A. Thouson, Jr.; architect, Taylor & Janick.
BUNGALOW and garage, $3500; Lot 28 Blk 6 Burl. Grove, Capuchino Ave., Burlingame; owner, N. S. McCartney.
BUNGALOW and garage, $4000; Lot 5 Blk 5 Burl. Grove El Camino Real, Burlingame; owner, L. R. Johnston.
ERECT class C bldg & store, $12,000; Easton Middlefield Rd, 135 e Burl. Ave., Burlingame; owner, Mrs. W. G. Hichcock; architect, F. Broderick; to be used as stores.
BUNGALOW and garage, $2500; Lot 27 Blk 24 Arundel Rd., Burlingame; owner, Frank S. Rosa.
RESIDENCE, 2-story frame, $4950; Lot 22 Blk 28 Easton 2 Cabrillo Ave, Burlingame; owner, S. M. Bloomes; architect, J. R. Glumz, 527 Balboa St., San Francisco.
BUNGALOW and garage, $2500; Lot 22 Blk 16, B Grove, Capuchino Ave., Burlingame; owner, D. E. Mitchell, 830 Folsom St., S. F.
BUNGALOW and garage, $4250; Lot 14 Blk 6 Villa Park, Marrell Ave, Burlingame; owner, Irynald Sorenson.
BUNGALOW and garage, $4000; Lot 23 Blk 9, Burl. Terrace, Acacia Dr., Burlingame; owner, Hans Pratt.

BUNGALOW and garage, $5000; Lot 14, Blk 10 Burl. Terrace, Oak Grove Ave., Burlingame; owner, J. Allan; architect, J. E. Bale, 615 1st St., San Mateo.

BUNGALOWS, (2) and garage, $4000; Lots 1 & 2 Blk 9, San Mateo Drive, Burlingame; owner, P. M. Schreckengast, 2206 Bryant St., S. F.

BUNGALOW and garage, $5377; Lot 5 Blk 43, Easton 3, Drake Ave., Burlingame; owner, J. Howard, 1137 Cabrillo St., Burlingame.

BUNGALOW, 6-room, $6000; Lot 21 Blk 6, Burl. Terrace, Fairfield Rd.; owner, Varney & Williams.

RESIDENCE, 1-story frame; $5000; Lot 17 Blk 3, Burl. Terrace, Crossways Rd., Burlingame; owner, A. Gohmann.

BUNGALOW and garage, $7300; Lot 2, Blk 7, Burl. Park 2, Crescent Ave., Burlingame; owner, F. Schaffuer.

BUNGALOW and garage, $4000; Lot 22 Blk 9, Burl. Terrace, Acacia Drive, Burlingame; owner, Hans Pratt.

BUNGALOW and garage, $4000; Lot 18 Blk 30, Easton 2, Cabrillo Ave., Burlingame; owner, C. B. McClain, 720 Farrington St., Burlingame.

BUNGALOW and garage, $4800; Lot 20 Blk 35, Easton 2, Bernal Ave., Burlingame; owner, Fay & Johnson.

BUNGALOW and garage, $5300; Lot 29 Blk 3, Burl. Park 4 Walnut Ave, Burlingame; owner, E. Wenk, 849 Walnut St., Bublingame; architect, Bassett Building Co.

BUNGALOW and garage, $5000; Lot 17 Blk 5, Easton 7, Hale Dr., Burlingame; owner, Knickerbokrer Bros., 2112 Pine St., S. F.

BUNGALOW and garage, $4000; Lot 10 Blk 58 Easton 7, Vancouver Ave; Burlingame; owner, Chas. Rudolph.

BUNGALOW and garage, $3000; Lot 24 Blk 2, Easton 1 Laguna Ave., Burlingame; owner, A. L. Stewart, 602 Ashbury St., Burlingame.

BUNGALOW, 5-room, $3500; Lot 29 Blk 40, Easton 2 Cortez Ave., Burlingame; owner, G. Ohlsson.

BUNGALOW and garage, $5000; Lot 19 Blk 7, Easton 2 Van Couver Ave., Burlingame; owner, W. D. Nicolaides, 218 Peninsula, Burlingame.

ADD three apartments to class C bldg., $8000; Lot 22 Blk 1, Easton 1 Chula Vista Ave., Burlingame; owner, Sydney Brittain, 814 Grange St., Burlingame; architect, W. O. Nicolaides, 218 Peninsula, Burlingame; used as stores and residences.

BUNGALOW and garage, $4500; Lot 23 Blk 42 Easton 3 Drake Ave., Burlingame; owner, R. Allan, 1134 Douglas St., Burlingame.

RESIDENCE, 7-room, and garage, $10,000; So. ½ of Lot 3 Blk 1, Burl. Park 3 Pepper Ave., Burlingame; owner, K. B. Paul, El Cerrito Ave., Burlingame; architect, D. Houle, 1224 Bellevue, Burlingame.

GASOLINE & service station, $4000; SE Cor. El Camino Real & Broadway, Burlingame; owner, Associated Oil Co., Peninsula & Anita St., Burlingame.

RESIDENCE 1-sto. & gar., $6000; W ½ Lot s 1 & 2 Blk 8, Burl. Park No. 2 Howard Ave., Burlingame; owner, L. P. Norberg, 605 Howard St., Burlingame.

RESIDENCE, $5000; Lot 13 Blk "C" Villa Terrace, San Mateo; owner, Cavanaugh Bros.; contractor Cavanaugh Bros.

RESIDENCE, two-story, $7500; Lot 162, Belle Vue Ave., San Mateo Park, San Mateo; owner, F. T. Martens, Hearst Bldg., San Francisco; architect, C. E. J. Rogers, Phelan Bldg., San Francisco; contractor F. T. Martens Hearst Bldg., S. F.

BUNGALOW and garage, $3000; Lot 12 Blk 7, Burl. Grove, Laguna Ave., Burlingame; owner, F. E. McIntosh; architect, B. H. White.

BUNGALOW and garage, $3000; Lot 3, Blk 20, Anita Rd., Burlingame; owner, E. Kaufman, 55 W Santa Inez, San Mateo; architect, S. M. Lake.

BUNGALOW and garage, $4000; Lot 14 Blk 53, Easton 7 Vancouver Ave., Burlingame; owner, C. Rudolph.

BUNGALOW and garage, $....; Lot 16 Blk 43, Lyon & Hoag Sub 1, Peninsula Ave., Burlingame; owner, W. Kenney; architect, Sorenson Bros.

BUNGALOW and garage, $5000; Lot 14 Blk 9, Burl. Terrace, Grange Rd., Burlingame; owner, C. L. Bell.

BUNGALOW and garage, $4500; Lot 11 Blk 10, Easton 7 San Carlos Ave., Burlingame; owner, Ed Madden; architect, L. H. Stevensen, 45 Worth St., S. F.

BUNGALOW and garage, $4000; Lot 4 and 5 Blk 21, Easton 2 Balboa Ave., Burlingame; owner Brunst & Johnson.

BUNGALOW and garage, $4000; Lot 12 Blk 53, Easton 7 Van Couver Ave., Burlingame; owner, Chas. Rudolph.

BUNGALOWS, 2, and garages, $7000; Lots 20 & 21 Blk 3, Easton 7 Vancouver Ave., Burlingame; owner, J. O'Keefe, 131 Warren St., Burlingame; architect, A. McIntyre.

BUILDING CONTRACTS

SACRAMENTO COUNTY

$2,500 and Over Reported

BUILDING, two-story, $27,690; E 61 ft Lot 5, I, J, 2nd and 3rd Sts., Sacramento; owner, Chan Hing and Chan Chung 526 I St. Sacramento; contractor, Herndon & Finnigan, 1814 17th St., Sacramento; contract recorded April 2, 1923.

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

$2,500 and Over Reported

RESIDENCE, $5000; 2372 East Miner St. Stockton; owner, E. Ramirez.

GARAGE, $8200; 518 S San Joaquin St., Stockton; owner, S. Bothona.

REMODEL, $30,930; 325 East Weber St. Stockton; owner, Cowell Estate, 2 Market St., S. F.; architect, H. H. Meyers, Kohl Bldg., S. F.; contractor, W. J. Scott, Poplar Ave., Stockton.

BUILDING, $47,000; 20 East Market St.; owner, J. Botto and E. Lucchetti, Cherokee Lane, Stockton.

ICE MFG. % Storage plant, $80,000; 4th and Aurora Sts., Stockton; owner, Valley Ice Co., premises.

OFFICE BLDG., $25,000; American and Market Sts, Stockton; owner, Record Pub. Co., 530 E Market St., Stockton.

DWELLINGS, 2, $4750; Lot 16 Blk 4 Homestead Add., Stockton; owner, Geo. B. Taggart, 1460 S Hunter St., Stockton; contractor, Charles Garner, 1930 California St., Stockton. Comp. before May 1st. Recd. Mar. 28, 1923.

BUILDING, $6500; Lot 19 Blk 9 Yosemite Terrace, Stockton; owner, C. M. Gill, Yosemite Bldg., Stockton; contractor, H. L. Schumacher, 228 N California St., Stockton. Time 90 days. Recd. Mar. 31, 1923.

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded — Amount

April 5, 1923—LOT 2 BLK 5, Lomita Park, Stockton. St.Clair Devereaux to H W Johnson.....March 19, 1923

April 5, 1923—LOT 8 BLY 17, Stockton City Homestead. Henry Baumann to T E Williamson Mar. 31, '23

PIERCE-BOSQUIT
Abstract & Title Co.
Capital Stock $100,000
Sacramento, Placerville, Nevada City, Reno
SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

April 6, 1923—JEFFERSON SCHOOL Bldg. (heating plant), Stockton. Board of Education to Shutes & Zinck .....March 24, 1923

April 6, 1923—JEFFERSON SCHOOL Bldg. Stockton. Board of Education to Shutes & Zinck..Mar. 29, 1923

April 10, 1923—NO. 1723 N-SAN JOAquin St., Stockton. S Cassel to C E Crozier.....April 6, 1923

LIENS FILED

SAN JOAQUIN COUNTY

Recorded — Amount

April 7, 1923—LOT 6 BLK 62, E of Center St., Stockton. B S Almason vs James and Sarah Martz and Stockton Savings & Loan Bank.. .....$424.45

BUILDING CONTRACTS

FRESNO COUNTY.

$5,000 and Over Reported

STORE, $7000; No. 809 J St., Fresno; owner, D. Imperatice, Kutner Colony, Fresno; contractor, Harry S. Brindle, Kearney and Madison Aves., Fresno.

APARTMENT house, $22,000; No. 2034 Van Ness Ave., Fresno; owner, Jno. Lamoure, 936 Kern St., Fresno; contractor Louis Cereghino & Sons, Fresno.

APARTMENT house, $26,000; No. 821 Home Ave., Fresno; owner, C. O. Shuler, 949 L St., Fresno; contractor, L. M. Smith, N-Palm Ave., Fresno.

DWELLING, $6785; No. 751 Bayor St., Fresno; owner, G. Katsura; conaractor, Carl Vogt, 1336 San Benito Ave., Fresno.

APARTMENT house, $45,000; No. 835 N St., Fresno; owner, — Buchanan, 1839 Van Ness Ave., Fresno; contractor, D. D. Mancill, 703 Palm St., Fresno.

COMPLETION NOTICES

FRESNO COUNTY

Recorded — Accepted

April 2, 1923—TRANQUILLITY School District, Fresno. Tranquillity School District to whom it may concern.....

April 3, 1923—LOTS 18 AND 19 BLK 7, Torrance Terrace, Fresno. B G Townsend to whom it may concern .....March 31, 1923

Apr 4, 1923—CARUTHERS SCHOOL District, Fresno. Caruthers School District to whom it may concern.. .....March 31, 1923

LIENS FILED

FRESNO COUNTY

Recorded — Amount

April 3, 1923—LOTS 5 TO 8, High Addition Annex No. 1, Fresno. R S Phillips, $130; C H Hartman, $65; Craycroft-McKnight Brick Co, Inc, $89 vs Ella D and John Scott.....

April 3, 1923—LOTS 5 TO 8, High Addition Annex No. 1, Fresno. David Jones vs John L Scott.....$130

April 3, 1923—LOT 25 BLK 2, Woodlawn. Fresno Lumber Co va J D Willhoit and W P Snare.....$784

BUILDING CONTRACTS

SANTA CLARA COUUTY

$1,000 and Over Reported

BUNGALOW
NW FOREST AVE 75 — Hale St. in Blk 71, Aalo Rlto. All work for seven-room bungalow.
Owner—Mrs. Marie Goddard, Redwood City.
Architect—None.

Contractor—W. S. Couter & Co., Palo Alto.
Filed Mar. 30, '23. Dated Mar. 22, '23.
Surveyed, staked and rough lumber on ground.....$1637.60
Under roof 1637.50
Completed 1637.50
Usual 35 days..... 1637.50
TOTAL COST, $6550.00
Bond, none. Limit, 95 working days from Mar. 30, 1923. Forfeit, none. Plans and specifications filed.

HOUSE & GARAGE
SW COR. THE ALAMEDA & RANDOLL Ave. San Jose. All work (except plumbing, painting, iron work, hardware and heating) for 2-story frame house and garage.
Owner—C. O. Bocks, San Jose.
Architect—H. B. Krause, Bank of San Jose Bldg., San Jose.
Contractor—J. E. Perkins, 1652 E Santa Clara St., San Jose.
Filed—. Dated, March 29, 1923.
Frame up $3662
2nd coat plaster on 3662
Completed and accepted..... 3662
Usual 35 days 3662
TOTAL COST, $14,650
Bond, $7000; Sureties, E. W. Echnabel and A. L. Hubbard; Forfeit, none; Limit, 120 working days from March 29, 1923; Plans and specifications filed.

DWELLING
PART OF LOT 7, FRENCH GARDENS, San Jose. All work for 1-story rustic dwelling.
Owner—Frank Alcaraz, 190 Vine St., San Jose.
Architect—None.
Contractor & Designor—C. V. Brown, 521 N 16th, San Jose.
Filed—. Dated March 31, 1923.
Frame up $956.75
1st coat plaster on inside and rustic outside 956.75
Completed and accepted 956.75
Usual 35 days 956.75
TOTAL COST, $3827
Bond, $1913.50; Sureties, M. L. Doane and S. H. Chase; Forfeit, none; Limit, 90 working days from March 31, 1923; Plans and specifications filed.

BUNGALOW
LOT 19 BLK 6 HANCHET RESIDENCE Park. All work for 6-room bungalow and double garage.
Owner—Mr. and Mrs. J. L. Farum, 242 Hanchet St., San Jose.
Architect — McCombs & Lomax, 214 Hobson St., San Jose.
Contractor — McCombs & Lomax, 214 Hobson St., San Jose.
Filed Mar. 30, 1923. Dated Mar. 30, 1923.
Raftera up $1241.25
Completed plastering 1241.25
Completed and accepted 1241.25
Usual 35 days 1241.25
TOTAL COST, $4695
Bond, Sureties, Forfeit, Limit, Plans and specifications, none.

PAVING
SAN JOSE. All work for paving of driveway at rear of railroad's freight ataion.
Owner—Southern Pacific Co.
Architect—None.
Contractor—Raisch Improvement Co., 46 Kearny St., San Francisco.
Filed Apr. 4, '23. Dater Mar. 8, '23.
As work progresses..... 75%
Usual 35 days..... 25%
Said work being approximately 41,400 sq. ft. of paving at $0.057 per sq. ft.
Bond, $1770. Surety, National Surety Co. Limit, 45 days from March 23, 1923 Forfeit, none. Specifications onlly filed.

DWELLING
LOT 5 BLK 11, Chapman and Davis Tract, San Jose. All work for two story frame dwelling.
Owner—Elizabeth A. Van Dalsem, Twohy Bldg., San Jose.
Architect—Binder & Curtis, 255½ S-10th St., San Jose.
Contractor—H. R. Sherman, 628 Chapman St., San Jose.
As work progresse..... 75%
Usual 35 days..... 25%
TOTAL COST, $11,677
Bond, $5839. Sureties, A. L. Hubbard and Henry C. Artana. Limit, on or before Aug. 1, 1923. Forfeit, none. Plans and specifications filed.

GYMNASIUM
GILROY. Heating and mechanical equipment for gymnasium.
Owner—Gilroy High School District, Gilroy.
Architect—Wyckoff & White, Growers' Bank Bldg., San Jose.
Contractor — W. K. Nottingham, 368 10th St., Oakland.
Filed Apr. 4, '23. Dated Mar. 19, '23.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, $12,777
2 Bonds, $6388.50 and $3194.25. Limit, 116 working days from Mar. 19, 1923. Forfeit, none. Plans and specifications filed.

DWELLING
NO. 342 HIGH ST., Palo Alto. All work for dwelling in rear.
Owner—Mr. and Mrs. A. N. Umphreys, 342 High St., Palo Alto.
Architect—None.
Contractor—Wells P. Goodenough, 435 Tennyson St., Palo Alto.
Filed Apr. 5, '23. Dated Apr. 2, '23.
Frame up 25%
Plastering ready for finishing 25%
Completion 25%
Usual 35 days..... 25%
TOTAL COST, $2372
Bond, none. Limit, 60 working days from April 2, 1923. Forfeit, none. Plans and specifications filed.

ADDITION
NO. 74 S-FIRST ST., San Jose. All work for brick addition in rear of atore.
Owner—Herolds Shoe Co., 18 E-Santa Clara St., San Jose.
Architect—Herman B. Krause, Bank of San Jose Bldg., San Jose.
Contractor—Megna & Newell, 866 N-17th St., San Jose.
Filed Apr. 2 '23. Dated Mar. 31, '23.
Grading, foundation and cement floor in.....$1662.50
Brick work up and roof on.. 1662.50
Completed 1662.50
Usual 35 days..... 1662.50
TOTAL COST, $6650.00
Bond, $2500. Sureties, Chas. A. Payne and Jas. E. Payne. Limit, 60 working days from April 2 1923. Forfeit, none. Plans and specifications filed.

ALTERATIONS
NO. 130 E-SANTA CLARA ST., San Jose. All work for remodeling atore front.
Owner—L. Hemning, Premises.
Architect—Chas. S. McKenzie, Bank of San Jose Bldg., San Jose.
Contractor—N. O. Berg, 431 Marshall St., San Jose.
Filed Apr. 5, '23. Dated Mar. 27, '23.
As work progresses..... 75%
On completion 25%
TOTAL COST, $885
Bond, $500. Sureties, E. W. Schnabel and Otto E. Schnabel. Limit, 20 working days. Forfeit, none. Plans and specifications filed.

COTTAGE, five-room, $3800; Delmas St. near Park, San Jose; owner, Frank Alcaraz, 190 Vine St., San Jose; contractor, C. V. Brown, 521 N-16th St., San Jose.
COTTAGE, 5-room, $4500; Clintonio St. near Coe, San Jose owner, F. S. Taylor, San Jose.
COTTAGE, 4-room, $2850; Jerome St. near Willis, San Jose; owner, Oscar Peterson, San Jose; contractor, C. Carlson, 3 Menker St., San Jose.
COTTAGE, 5-room, $2950; S-12th St. near Virginia, San Jose; owner,—contractor, S. Guiotto, San Jose.
ALTER front, $5900; No. 184 S-First St., San Jose; lessee, E. S. Willson, 20 E-San Antonio St., San Jose; architect, Wolfe & Higgins, Auzerais Bldg. San Jose; contractor, Jorgensen & Thorny.
ALTERATIONS and repairs, $3975; No. 71 S-First St., San Jose; owner, Jno. Stocks Sons, Premises; contractor, R. O. Summers, 17 N-First St., San Jose.
COTTAGE, 6-room, $3500; No. 441 Park Ave., San Jose; owner, Marcellino Caporelli, 495 Park Ave., San Jose; architect, Wolfe & Higgins, Auzerais Bldg., San Jose; contractor, G. Leone, 803 N-13th St., San Jose.
BUSINESS building, brick, $6450; San Antonio near Second St., San Jose; owner, A. H. Nolte, 184 S-First St., San Jose; architect, Binder & Curtis, 255½ S-First St., San Jose; contractor, Jorgenson & Cook, 160 Irving St., San Jose.

BUILDING CONTRACTS

CONTRA COSTA COUNTY

DWELLING, one-story frame, $3600; NW 13th and Roosevelt Sts., Richmond; owner, J. P. Logan, 701 Chanslor Ave., Richmond; contractor, N. E. Anderson, 2030 Roosevelt St., Richmond.
DWELLING, one-story frame, $4200; SE 18th and Bissell Sts., Richmond owner, J. Revolino, Angles Camp, Calif.; contractor, W. Snelgrove, 160 18th St., Richmond.

Larsen Construction Reports
Issued every business day of the year. Furnishes advance information on work projected and contracts awarded for all classes of building, street, sewer and highway projects, bridges, dams and harbor works, machinery, etc. Send for rates in your territory, advising class of work in which you are interested.
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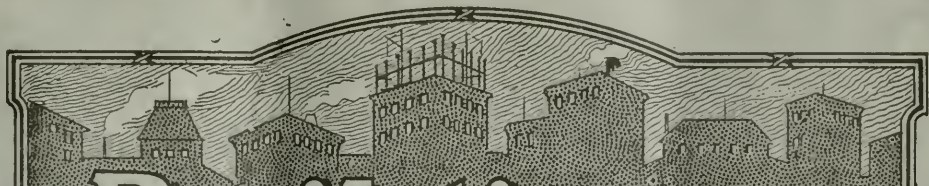

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SAN FRANCISCO, CALIF., APRIL 21, 1923

Published Every Saturday
Twenty-third Year No. 16

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Economy

Wall

Appearance
Comfort

Warehouses
San Francisco Oakland

Board

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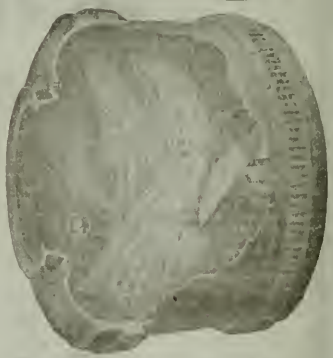

(1) Blade cuts through materials with churning action. (2) Blade carries materials up, spilling down again against motion of drum. (3) Materials hurled across diameter of drum. (4) Materials elevated to drum top and cascaded down to reversed discharge chute which (5), with scattering, spraying action, showers materials back to charging side for repeated trips through mixing process.

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San Francisco Los Angeles

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

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OREGON STATE HIGHWAYS

With the present season Oregon begins its seventh year on the state highway program which was inaugurated in 1917. In that period the work accomplished has resulted in 695 miles of highway graded and paved, 1197 miles graded and macadamized and 475 miles graded but not surfaced. In addition there are 143 miles paved on the state highway system in Multnomah county and in incorporated cities of greater than 2000 population, so that the total mileage of the state highway system which is paved is 838 miles.

The gross expenditures of the highway commission in that period have been $54,737,414.81 of which $6,747,047.94 is county funds, $4,546,530.65 government funds and $97,381.27 railroad funds expended on grade crossing eliminations, and $43,346,454.95 of state funds.

The outstanding features of the work accomplished are: The Pacific highway, 345 miles in length, is paved or under contract for paving from the columbia river to the California state line with the exception of small gaps which have been left for future overcrossings of the railroad and the gap between Junction City and Harrisburg, which has been left a graveled road on account of overflow conditions in the Willamette river bottom. The completion of this highway gives Oregon the distinction of being the first state west of the Mississippi to have a paved highway the entire length of the state.

MANUFACTURE OF LUMBER AND TIMBER PRODUCTS IN 1921

The Department of Commerce announces that according to preliminary statistics compiled by the Bureau of the Census, acting in cooperation with the Forest Service, United States Department of Agriculture the value of products of establishments in the United States engaged primarily in the manufacture of lumber and timber products amounted to $902,501,000 in 1921 as compared with $1,387,471,000 in 1919 and 715,310,000 in 1914. This is a decrease of 34% from 1919 to 1921, but an increase of 26 per cent from 1914 to 1921. During 1921 a great many mills and logging camps were idle because of unfavorable business conditions, which largely accounts for the decreases shown for that year compared with the figures for previous census years. Also, it may be that some small establishments classified as merchant mills for 1919 and 1914 were omitted as custom mills for 1921.

These statistics cover logging and timber camps, sawmills, vencer mills, cooperage stock mills, and planing mills operated in connection with sawmills. All states except North Dakota are represented in these statistics. More than one-half of the total value of the products in 1921, however, was reported from seven states—Washington, Louisiana, Oregon, Mississippi, California, Arkansas, and Wisconsin—mentioned in the order of their rank based on the value of products.

In November, the month of maximum employment, 380,511 wage earners were reported and in January, the month of minimum employment, 348,522 — the minimum representing 91.6 per cent of the maximum. The average number employed during 1921 was 364,247 as compared with 480,945 in 1919, and 479,786 in 1914.

LABOR SHORTAGE IS REPORTED IN STEEL PLANTS

Analysis of the industrial employment situation during March, made public by the Department of Labor, indicates a "healthy and robust condition" marked by the prospect of a steady decrease in unemployment, in every section of the country.

The expansion of nearly all industries which featured February, continued last month with increased demands for all classes of labor. The building trades show the greatest boom.

The iron and steel industry is exceptionally bright, and in some of the large regions, shortage of labor is reported, with an increasing demand evident.

Increased employment for March over February is noted in the following industries: Food and kindred products, 5.6; stone, clay and glass, 4.9; iron and steel, 3.1; liquor and beverages, 3.1; vehicles, 2.7; lumber, 2.6; metal, other than iron and steel, 1.9; miscellaneous industries, 1.8; textiles, 1.4; railroad shops, 0.97; chemicals, 0.8, and leather, 0.04, while a small decline in the number of those employed in paper and printing and tobacco manufacture was found to be the case.

The per capita consumption on lumber has dropped from 500 board feet from 1906 to 320 board feet at present.

A. P. DAVIS, RECLAMATION CHIEF, TO VISIT ORLAND PROJECT

Director A. P. Davis of the U. S. Reclamation Service and Special Assistant Secretary D. W. Davis will be in Orland, Calif., on April 30, to make an inspection of the Orland Irrigation project and will interview the landowners of the area proposed to be brought under government irrigation in the second unit to be established in Glenn County.

Davis was largely instrumental in obtaining action of the reclamation service and the department of the interior, promising funds for the building of the second project. His opinion and advice as to the starting of proceedings is looked forward to with interest by those whose lands will be included in the contemplated area. The Orland Chamber of Commerce is arranging a public meeting, at which Director Davis will be asked to explain to the land owners the details of the matter.

The proposition which Director Davis will be asked to explain is what is known as the Millsite Project, the erection of a dam on Stony Creek, west of Orland, and the irrigation of 25,000 acres of land adjoining the 20,500 acres now irrigated. The new area lies to the west and south of the present project, and much of it is land that lies too high for any other plan of irrigation that has been proposed. It includes some of the best soil in Glenn County, and is pronounced especially adapted to the growing of deciduous fruits.

The cost of the irrigation works, as worked out by a corps of engineers of the reclamation service, will be $156.50 per acre. The surveys are all complete, soundings made for the dam, plans drawn for the various structures arquired, and every detail of the construction work figured. Funds for the work are promised without delay, as soon as the necessary preliminary proceedings are gone through, and all that remains is to secure the co-operation of the owners of the lands in the area proposed to be irrigated.

BIDS ASKED FOR TWO UNITS OF H. H. TO COST, $4,100,000

Bids will be considered by the San Francisco Board of Public Works on May 16 to construct the bay crossing pipe line in the Bay Crossing Division of the Hetch Hetchy project, under Contract No. 90. The total estimated cost of this is $2,700,000.

On May 23 bids will be considered for furnishing, delivering and installing steel penstock and accessories for the Moccasin Creek Power plant of the Hetch Hetchy project, the estimated cost of which is $1,400,000. This unit is provided for under Contract No. 91.

A bond of twenty per cent of the total contract price will be required of the successful bidder on each project.

M. M. O'Shaughnessy is chief engineer and N. A. Eckart, chief assistant engineer for the Hetch Hetchy project.

The nation's building expenditures in 1922 totaled $2,499,061,532, which was $285,049,000, or 54.8% in excess of the next best year, 1921.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

Experimental planting of redwoods in the Douglas fir regions of the national forests in Oregon and Washington will be tried out in the near future, according to a plan discussed at a recent conference of technical forestry assistants in Portland, Oregon.

Unfilled orders of the United States Steel Corporation on March 31st totaled 7,403,332 tons, an increase of 119,343 tons over those at the end of the preceding month.

Formal invitation to hold the next annual meeting in San Francisco will be tendered the national convention of the American Association of Engineers by Albert J. Capron, secretary of the San Francisco chapter, at national session in Norfolk, Va.

San Francisco is the only city in the English-speaking world where the building industry is operated under the open shop or American Plan, according to Geo. L. Bell, head of the Industrial Relations Department of the San Francisco Industrial Association.

Building operations in Chicago for the first week of April totaled $21,967,000 or nearly $5,000,000 more than for the entire month of April 1922.

Mrs. Chas. H. Jones, of Tacoma, Wn., was 77 years old before entering the business world and then she started in at the top. Mrs. Jones is the widow of a Tacoma lumberman, and the Northwestern Lumber Company, which is a $1,000,000 concern, has just elected her president. Although she has been given such a high office in the company, a position which has probably never before been held by one of her sex and years, she is an old-fashioned home woman in every sense, according to reports.

San Francisco board of supervisors has postponed definite action on the construction of the proposed Duboce tunnel project. It is expected that the Finance, Public Utilities and Land and Tunnels Committees will recommend that the city finance one-half of the total cost.

Announcement has been made that the statistical program of the Hardwood Manufacturers Institute will be inaugurated at once. The Institute's plan for gathering and disseminating the statistics of the hardwood manufacturing industry has been approved by Secretary of Commerce Hoover and the co-operation of the Department of Commerce is assured.

Kirby Lumber Co., Houston, Texas, announces an advance of 10 to 15 per cent on a day basis. The advance affects about 4200 men and increase the annual payroll approximately $200,000. The advance is effective from April 1.

W. T. Hilliard of Paskenta, Calif., owner of a large timber tract in the Coast Range west or Orland, will establish a lumber yard, box factory and planing mill at Orland. Hillard has a tract of timber containing 10,000,000 feet, and has leasing privileges on timber to keep the mill going for a long term of years. The material not capable of making good timber will be utilized in shook.

The Carpenters' Union of Reno, Nev., has notified Frank Ingram, Nevada State Labor Commissioner, that a strike exists at Reno through failure of the Washoe County Builders' Exchange to increase wages $1 per day on April 1, 1923. This is the first official action taken by the carpenters in the controversy with the contractors. About forty non-union carpenters are said to be employed on building projects in Reno. Contractors state they are experiencing no difficulty in securing efficient workers. Protests against employment of non-union carpenters by other crafts are expected shortly, but both sides have expressed hopes of averting a serious situation.

An attempt will be made in the next Congress to increase to 50 per cent the shares of states from the sale of government timber from reservations within their borders. Chairman McNary of the senate reforestation commission, in a letter to W. B. Greeley, government chief forester stated the present allowance of 25 per cent was not enough, adding that because of the impairment to their taxing powers by the forest reserve, the states should receive at least one-half of the gross government receipts.

The Stockton branch of the Western Union Life Insurance Co., of Spokane, Wash., has been authorized by the home office to establish a home purchasing bureau. The parent company will invest millions of dollars throughout the country in home building and Stockton will be allotted about $10,000 a month or $120,000 a year for home building purposes, under the terms of the initial allotment made.

Strong pressure has been brought to bear on the Department of Commerce to sponsor a national conference in Washington of building contractors, building trades associations and supply manufacturers, Secretary Hoover announces. The backers of the proposed conference have been asked to specify what they hope to accomplish through the meeting.

The supervisors of San Francisco and San Mateo counties will be asked by the San Mateo Plan Committee to appropriate $60,000 to be used in the preparation of a "Peninsula Beautiful" plan under the direction of Dr. B. M. Rastall and Edward H. Bennett of Chicago. Willis Polk, San Francisco architect, is chairman of the committee.

Louis Christian Mullgardt, San Francisco architect, has returned from a year's tour of the world. Architect Mullgardt sailed from San Francisco last May, visiting the islands of the Pacific, China, Malay Archipelago, India and was in Egypt at the opening of King "Tut's" tomb. Leaving the vicinity of the Nile he traveled through Spain and France.

Orders received by the General Electric Company for the first quarter in 1923 have increased 56 per cent over the corresponding period in 1922, according to a statement of President Swope. The total value of orders for the period ending March 31 was $80,010,045 against $51,335,300 for the period similar in 1922.

ALONG THE LINE

The Arizona Cement Co. will erect a $1,000,000 cement plant at Phoenix, Arizona, this year. The company owns 1600 acres near Winkelman, where raw material for the plant will be mined.

The Southern California Edison Company has started construction of the largest water power electric generating station west of Niagara Falls, on the San Joaquin river, in the high Sierra Mountains of Fresno county, 5000 feet above sea level. This project is a part of the company's construction program to total $375,000,000 and of which $26,000,000 will be expended during the current year. The power house will be of steel and concrete construction. Three 33,000 horsepower units will be installed.

Santa Clara County Grand Jury, in its annual report, recommends the construction of a new courthouse and county jail building.

Cox Cylinder Works, capitalized at $100,000 has been incorporated in Oakland. Directors are: M. C. Cox, R. B. Ryan and Fred Wettstein.

Kern Clay Products Co., 277 Hawthorne Ave., Portland, has taken over the plans of the former Pacific Brick Company at Willamina, Ore., and has started the manufacture of brick, building blocks and drain tile. L. E. Kern and C. E. Jensen of Portland are interested.

The NePage-McKenny Co., of Seattle, on a bid of $268,000 or $156,000 lower than the next lowest bidder, has been awarded a contract by the Seattle Department of Public Works to construct a 100-mile transmission line in connection with the Skagit power project, the city to furnish wire, poles and cross arms.

The Buchner Lumber Company of Coos Bay, has changed hands, the Buchner interests retiring. The new owners are also interested in the C. & O. Lumber Company. The business will be continued under the name of the Stout Lumber Company of Oregon.

Terms and working agreements for the year will be outlined at a meeting of the Fresno Building Trades Council and the members of the Fresno Builders' Exchange to be held in May, according to Walter C. Adkins, secretary of the Fresno Trades Council.

The annual picnic of the Southern California Retail Lumber Dealers' Association will be held at Brookside Park, Pasadena, May 19.

City of San Francisco has made the forty-first payment on the Hetch Hetchy dam project to the Utah Construction Company. The demand, the largest in the history of the city auditor's office, was for $1,024,564.85.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

CONTRA COSTA COUNTY BUILDING TRADES COUNCIL TO FORCE CLOSED SHOP

The Contra Costa County Building Trades Council will move to put the county building industry on a closed shop basis on May 1, it was announced following a meeting of the council held in Martinez April 12, and presided over by M. O. Hauge of Richmond. Union delegates will watch all jobs and insist that the workers show union cards on and after that date, according to the announced plan. Trouble is expected at some points, but the union men said they believed it would be of short duration and that all jobs would soon be on a strictly union basis. It is not believed that a strike will be necessary or result, according to statements made following the meeting.

The building situation in Contra Costa County was thoroughly discussed at the meeting. It was declared that complaints had been made against several buildings where non-union men were employed, particularly around Martinez and in the eastern part of the county. It was declared that open shop conditions had prevailed to a larger extent in this section of the county than in the Richmond district, although an effort has been made to maintain the so-called American plan or open shop throughout the county during the past year.

Building operations in Contra Costa County are expected to proceed without interruption, according to word from Richmond. The announcement is made following the declaration of the Contra Costa County Building Trades Council that commencing May 1, members of the organization will work under closed shop conditions.

In discussing the move of the building trades council, C. R. Beatty, business agent, says he anticipates little trouble and no strike. Conditions in general throughout the county are satisfactory, Beatty says, and it is expected that conditions will be made satisfactory on all jobs without a serious rupture between the unions and the contractors.

The move of the unions means that the labor organization will seek recognition as unions and to have contractors deal with the unions as such. Wages are not involved at this time.

According to L. C. Dexter, secretary of the Contra Costa County Builders' Exchange, with headquarters at Richmond, the reported move of the unions has not been discussed by the exchange

ENGINEER CONGRESSMAN SOUGHT BY A. A. E.

Los Angeles Chapter, American Association of Engineers, has endorsed the candidacy of H. Z. Osborne, Jr., for congress in the tenth California district, in the following declaration: "Inasmuch as the continued growth, welfare and prosperity of southern California is especially dependent upon the further development and expansion of engineering projects, namely the Los Angeles harbor, flood control, Boulder canyon dam project, city planning which requires the services and careful consideration of one who is trained and educated in the engineering profession, the Los Angeles chapter of the American Association of Engineers most heartily endorses the candidacy of one who by his affiliation with engineering societies, his public and professional record ,as well as his integrity and honesty, is ably qualified to represent the tenth United States congressional district—that of Henry Z. Osborne—and further, that the chairman of the meeting appoint a committee to assist in the election of Mr. Osborne at the election of May 1, 1923.

A. E. S. C. NOTES

The American Society for Testing Materials and the Federal Specifications Board have been invited by the American Engineering Standards Committee to act as joint sponsors for specifications for linseed oil. This means that these two organizations will be responsible for the development of a nationally recognized set of specifications for linseed oil, through a sectional committee which will be made up of representatives of all the organizations concerned with the subject, including producers, consumers and general interests.

The American Engineering Standards Committee has invited the American Institute of Architects and the American Society of Safety Engineers to act as joint sponsors for the proposed safety code on walkway surfaces.

Charles A. Mead, chief engineer of the Division of Bridges and Grade Crossings, Board of Public Utility Commissioners, Newark, N. J., has been appointed a representative of the American Society of Civil Engineers on the American Engineering Standards Committee succeeding Martin Schreiber.

F. C. Brown, Acting Director of the U. S. Bureau of Standards, Washington, D. C., has been appointed a representative of the Department of Commerce on the American Engineering Standards Committee succeeding S. W. Stratton, with E. C. Crittenden, Chief, Electrical Division of the Bureau as alternate.

INJUNCTION IN GERBER SCHOOL CASE IS REFUSED

Judge John F. Ellison of the Superior Court at Red Bluff, has denied the injunction sought in the case of J. G. Branstetter of Gerber against V. E. Hart, a contractor of that town, as well as S. E. Conrad, D. Liddell, D. E. Langenwalter and B. V. McKenna, trustees of the Gerber School District, and George M. De Shields as county auditor, to restrain them from completing the new schoolhouse under construction there, and for which Hart has the contract.

The court finds there were no grounds for the charges of irregularities in connection with the awarding of the contract last November , as the plaintiff's complaint alleged. Hart's original bid, which was the lowest of the three tenders submitted for the job, was for $26,900. When it was subsequently disclosed funds were not available to carry out the original plans, Hart agreed to do the work for $24,500, after certain eliminations were made.

Judge Ellison held the school district never let any contract to Hart to build the structure for a sum in excess of $24,500, and that the entire proceeding was regular and legal.

GLENDALE BUILDERS ORGANIZE

The Builders' Exchange of Glendale, Calif., has been organized with the following officers: President, H. C. Yale of General Construction Company; vice prescident, Peter L. Ferry, highway contractor; J. C. May of May & Hellman; secretary-manager, Attorney Henry Molz. A board of directors will oe elected representing the different crafts and permanent headquarters will be secured.

SUPREME COURT RULES AGAINST CONTRACTORS

The State Supreme Court has reversed the Los Angeles Superior Court's decision that the Victor Valley Irrigation District was authorized to pay F. M. Walton $12,000 for work done for the district by the Victor Valley Mutual Water Association. The Supreme Court's decision also went against Edwin O. Weik, who held $6635 in warrants against the district representing the unpaid balance of the settlement made by Walton. The Victor Valley Mutual Water Association is the predecessor of the irrigation district, an incorporated body.

ESTUARY TUBE VENTILATION PRACTICAL SAYS AUTHORITY

That there is no question as to the feasibility of ventilating the proposed Alameda-Oakland estuary tube crossing, is the opinion contained in a telegram received by County Surveyor George Posey from Clifford M. Holland, asknowledged to be the foremost authority on tube construction, and chief engineer of the New York State Bridge and Tunnel Commission.

Holland's statement is accepted as final contradiction to opposition advanced by engineers who contended that a tube could not be constructed because of uncertainity of ventilation.

The telegram follows:

"George Posey,
"County Surveyor,
"Oakland, Calif.,

"There is absolutely no question as to the feasibility of ventilating vehicular tunnels. Ventilation of Hudson tunnel has been investigated and proved.

"C. M. HOLLAND,
"Chief Engineer."

Holland became interested in the estuary tube crossing when he visited the San Francisco bay district last fall.

The Hudson river tunnel mentioned by Holland and the construction of which he is supervising, is four times as long as the proposed estuary tube. Ventilating mechanism has been installed with shafts every 3375 feet which will change the air in the tube forty times an hour or once every 1½ minutes. The tube, to cost $28,000,000 upon completion, will be used by 1900 vehicles every hour and is being constructed solely for gasoline and horse-drawn conveyances.

The new home of the Contra Coata County Builders' Exchange nearing completion of Richmond will be dedicated May 11, according to L. C. Dexter, secretary. Committees have been appointed to arrange a program.

IRRIGATION OF 5,088,000 ACRES IN WEST PLANNED BY INTERIOR DEPARTMENT

Twenty-six reclamation projects designed to irrigate 5,088,000 acres of Western land are being planned by the Interior Department, according to Secretary of the Interior Work.

Secretary Work declares all the projects are now "being surveyed and investigated." The largest, he says, is the Columbia river basin, Washington, to develop 1,753,000 acres. Next is the Colorado river storage known as Boulder canyon, to cover 710,000 acres with water for irrigation. The third in size is the lower Rio Grande, irrigating 600,000 acres. Others include:

"Mountain Home" project Idaho, 400,000 acres; Shasta valley, California, 150,000 acres; Dubois, Idaho, 200,000 acres; Black canyon, Idaho 39,000 acres; American Falls, Idaho, 100,000 acres; Lower Platte, Nebraska, 200,000 acres; Tri-County, Nebraska, 140,000 acres; Colorado river tributaries, Nevada, 80,000 acres; Pecos river, New Mexico, 9000 acres; Middle Rio Grande, New Mexico, 100,000 acres; Pensaco, N. M., 70,000 acres; Baker, Ore., 30,000 acres; Malheur, Ore., 46,000 acres; Awyhee, Ore., 23,000 acres; Umatilla rapids, 60,000 acres; Salt Lake basin, Utah, 30,000 acres; Castle Peak, Utah, 70,000 acres; Price river, Utah, 30,000 acres; Cache river, Utah, 80,000 acres; Oregon basin, Wyoming, 68,000 acres.

COAST LUMBER REVIEW

One hundred and thirty-six mills reporting to the West Coast Lumbermen's Association for the week ending April 7, manufactured 106,843,921 feet of lumber, sold 111,503,815 feet, and shipped 111,651,011 feet.

Production for reporting mills was 20 per cent above normal. New business was 4 per cent above production. Shipments were less than 1 per cent above new business.

Forty-two per cent of all new business taken during the week was for future water delivery. This amounted to 47,270,553 of which 33,913,028 feet was for domestic cargo delivery, and 13,357,525 feet export. New business for delivery by rail amounted to 1946 cars.

Thirty-five per cent of the week's lumber shipments moved by water. This amounted to 39,197,749 feet, of which 28,503,149 feet moved coastwise and intercoastal, and 10,694,000 feet overseas. Rail shipments totaled 2220 cars.

Local auto and team deliveries totaled 5,853,262 feet.

Unfilled domestic cargo orders total 159,142,110 feet. Unfilled export orders 97,902,210 feet Unfilled rail trade orders, 9,057 cars.

In the first 14 weeks of the year production of West Coast Lumbermen's Association mills has been 1,301,905,353 feet; ne wbusiness 1,525,310,034 feet and shipments 1,529,495,054 feet.

NEW ROAD FILM

The men, methods, and machinery engaged in building good highways through the great national forests of the West are brought to the fore in "Building Forest Roads," a new one-real motion picture just released by the United States Department of Agriculture The picture is one of a series produced by the department's Office of Motion Pictures for the Bureau of Public Roads The film may be borrowed for limited periods from the department, or copies may be bought by authorized institutions at the cost of printing.

Present Condition Favorable For Building Says N. Y. Banker

Present conditions are favorable to those wishing to build now on an extensive scale, according to S. J. T. Straus, senior vice-president of S. W. Straus & Co., investment bankers of Chicago and New York, who predicts a record breaking construction year, despite the upward trend of building materials and labor costs.

"We consider the time opportune for building," says Straus. "I can seen no serious obstacle in the way of the nation's building program, and it should proceed without delay. In accordance with this view of the situation, we will rush work on our new home, which will stand on Michigan boulevard overlooking Lake Michigan, and will rank as one of the world's greatest banking and office buildings.

"The intention of our company to go ahead with this mammoth building project at this time may be taken as tangible proof of our belief that present conditions are favorable to those wishing to build now on an extensive scale. In our opinion there is no reason why large enterprises should not be launched at this time. We can see no reason why there should be a let-up in the record breaking building construction activities now under way in this country. Aside from some temporary local obstacles, this work should proceed unhindered.

"As I look into the future, it is my belief that we are approaching an era of development in this country which far surpasses anything witnessed before. Our great American cities have in the last few years grown and developed to a remarkable degree, but I feel sure we are on the threshold of still more important developments."

Straus says that present price levels in building materials are likely to prevail for a long time and there may be further rises as the season progresses, so there will be no advantage in postponing work in expectation of lower costs.

"I believes there will be no abatement in the immediate demand for building material and labor and the building boom is going ahead in greater volume than ever," says Straus.

"There is an abundance of capital available for building loans and the money rates are not too high," Straus adds, "and unless we have excessive building costs, with the prices so high as to check construction, there is no reason to fear that prosperity now returning will be short lived.

"One of the factors conducive to building at this time is the labor situation. Spring wage adjustments are being carried to successful conclusions in practically all sections of the country, and there is but a small crop of building trades strike now in evidence.

"While the trend of wages generally continues upward, there are no indications that this upward tendency will result in a runaway labor market for 1923, unless builders bring it about by competing against each other for the available supply of labor. Supply and demand are the factors that will undoubtedly govern the wage rates during the next six months, regardless of contracts now being negotiated.

"Reports from various sections of the country show that building labor generally is nearly in full employment at the present time and the increase in construction demand during the spring months on the basis of contracts already let, indicates even increased shortages over those now existing. It is not anticipated, however, that the shortage will seriously handicap spring construction projects now getting under way."

CHOICE OF EXPLOSIVES IN QUARRYING OPERATIONS

Ammonia dynamite is the most common explosive used in quarry work, according to Oliver Bowles, mineral technologist of the Bureau of Mines. Gelatin dynamite should be used in wet holes For lime-kiln operations, explosives with a high rate of detonation should not be generally used. The high-grade explosive tends to shatter the rock into small pieces that are not used in lime burning except in the rotary kiln. Dynamite of 30 to 40 per cent strength is most satisfactory. In seamy rock some operators advocate the use of black blasting powder which will penetrate the seams and push out the rock masses with little shattering.

CONCRETE SURFACE POLISHING

A reader of Concrete and Constructional Engineering (England), asks how a concrete surface may be polished, to which the editor's reply is:

"In order to polish concrete like marble or granite the surface will have to be rubbed down as in terrazzo work. A semi-polish can, however, be obtained as follows, supposing the surface to be reasonably smooth:—Dissolve ¼ lb. potassium carbonate in one quart of boiling water, and, whilst boiling, add and stir until dissolved, ¼ lb. of beeswax in slices; or melt the wax and add to the hot water and potassium carbonate mixture. If too thick, add enough hot water to make it creamy when cold. Apply with a brush or rag, let it dry or partially dry, and polish with a stiff brush." Concrete.

TO MEASURE FATIGUE OF STONE

It has long been known that a load much below its apparent breaking strength would cause failure of stone after a long time. The Bureau of Standards is now undertaking a series of tests to determine the extent of this effect and to see how much load can safely be borne by stone for indefinite periods.

Samples of stone will be tested both in straight compression and in bending. Loads will be put on and left there, and the deflection of the stone will be measured from time to time.

Marble has the peculiar quality of sagging slowly, even under its own weight. Thus many cases are known in which marble slabs placed in horizontal position for a hundred years or so have sagged down several inches; and thin tombstones of marble have bent over.

ALLEGE FRAUD IN BUILDING CONTRACT

Thomas M. Boulware and W. H. Pickard are defendants in a suit filed in the superior court at Oakland by Dr. Frank D. Johnson, Oakland dentist and his wife, Edith A. Johnson, who claimed they advanced $52,020 to the defendants for the construction of an apartment house at 678 Walsworth avenue. The complaint alleges that the building was erected in an unskillful manner; that Boulware conspired with the other defendants to charge excessive prices for materials and that Boulware was to receive a rebate on materials so purchased. An accounting and the return of all excessive charges is asked.

LUMBER INDUSTRY FEELING CAR SHORTAGE

Running virtually full normal capacity, 399 mills located in the principal lumber producing districts of the united States have reported to the National Lumber Manufacturers' Association that production, shipments and orders for the week ended March 10 gained slightly over the preceding week. Taking the three factors together, business for the week exceeded that of the same week last year by about 40 per cent.

Viewing the lumber situation in the South, the Southern Pine Association reports from New Orleans:

"The increasing seriousness of the freight-car shortage situation recently developed in the Southeast was reflected last week in a decrease of 4.3 per cent in shipments of southern pine below those of the previous week. Reports of increased tightening of the car supply through Southern Pine Association territory and fear of the Southeast car shortage spreading over the remainder of the South caused the Southern Pine Association to appeal to the American Railway Association to immediately remedy conditions."

We ask, "If the car shortage is already serious, what is it going to be in a few months from now?"

LIQUIDS USED ON ROADS

The amount of bituminous material used by the State Highway Department of Pennsylvania since 1915 in the surface treatment of macadam roads would fill a steel tank 500 feet in height and 150 feet in diameter. Were a six-inch pipe line installed to transport this material from the tank, it would be filled for a distance of 4,730 miles before the tank emptied.

The department, since 1915, has applied 36,419,716 gallons of bituminous material. This gallonage is sufficient to float a steamship with a registered displacement of 15,000 tons.

Prior to 1915, from the time automobiles came into general use, the macadam roads in Pennsylvania were streaks of gray dust in the summertime. In the days of horse drawn vehicles the deterioration of macadam roadways was very slow. But with the advent of the automobile and the heavy rubber tire, this type of road was quickly blown into the fields alongside. The suction of the tires drew the screening away from the voids between the small stones. These stones loosened and "ravelled" under traffic. Water, the enemy of all roads, got into the foundation. Frost completed the damage. The use of asphaltic oils is proving an economy which conserved the macadam road mileage in Pennsylvania. Formerly applied from horse drawn tanks having a capacity of 300 gallons, the asphalts are now put down from motor driven vehicles, the tanks on which have a capacity of 800 to 1,000 gallons each.

COURT OF APPEALS AFFIRMS BUILDING LIEN FOR MATERIAL

The United States Circuit Court of Appeals holds that firms supplying materials are entitled to a lien on a structure specifically designed for the building—whether or not the materials entered the structure.

The decision was handed down in the suit of materials dealers against the Scandinavian American Bank, Tacoma, which failed after it had let contracts and had proceeded with 25 per cent of the work on a large bank building.

The Circuit Court reversed the decision of the District Court in the recent decision.

California Does One-Tenth Of All U. S. Bond Financing

While the volume of California corporate bond financing in February was less than half of that for the banner month of January, nevertheless, according to Cyrus Pierce & Company's monthly computation, it amounted to $14,570,000, which was equivalent to 10½ per cent of the total of such issues for the entire United States. In other words, California investors absorbed in February more than three times the state's theoretical proportion (3.23%) of corporate securities. This percentage has only been exceeded in three previous months covered by Cyrus Peirce & Company's record.

In the February total are included $8,000,000 of public utility bonds as compared with only $1,580,000 in February, 1922. On the other hand, the volume of industrials, $6,570,000, is less than the average of 1922 and compares with $10,250,000 in February, 1922.

The following is the summary for February as compiled by Cyrus Peirce & Company:

Public utility issues in California	$ 8,000,000
Industrial issues in California	6,570,000
Total California issues	$ 14,570,000
Public Utility issues of California	$ 48,706,000
Industrial issues outside of California	75,825,000
Total outside issues	$124,531,000
Total utility issues	$ 56,706,000
Total industrial issues	82,395,000
Total of all issues	$139,101,000
Percentage of California utility issues to all utilities	14.10%
Percentage of California industrials to all industrials	7.97%
Percentage of California issues to total of both classes	10.47%

BUILDING A HOME

"The time to start building your house is three years before you start to build it," says Gerald L. Kaufman in "The Book of Building and Interior Decorating" (Doubleday, Page & Co). To avoid the home builder's attack of heart failure after the bids for the house are opened, Kaufman suggests a prescription that should be taken regularly for at least three years before one actually starts to build. "Have your prescription filled at the nearest stationer's," he advises, "one dozen legal-size folders, and one package of 4x6 index filing cards. Then in the evenings when you are reading and find things that appeal, cut them out and put them in the folders appropriately labeled; and in course of conversations and observations, when you find certain arrangements of planning that strike you, or see or hear of certain types of casement windows for the sleeping porch, tiling flour bins built in the pantry, lining doors for the refrigerator, etc., make a note of them, in an appropriate part of your index file." When you finally go to your architect, you can tell him exactly what you want. Furthermore you will be satisfied, for you won't hear in a few months of something you might have had but did not know about.

GENERAL ASPHALT EARNINGS

The General Asphalt Company for the year ending 1922 shows net profits of $611,126, compared with a loss of $740,942 in the preceding year. Of the net profit $74,451 arose out of the sale of shares in the Lizamer and Trinidad Lake Asphalt Company, Ltd., of Great Britain and $368,750 from the sale of shares and adjustment of interest and accumulated royalty under the "Venezuelan contract."

After payment of preferred dividends and other deductions surplus stood at $3,848,287, an increase of $78,928.

Shipments of asphalt from Trinidad last year totaled 141,148 tons, against 92,271 tons in the preceding year, and crude petroleum from that source was 385,191 barrels compared with 355,337 in 1921.

CALIFORNIA HIGHWAY PAVEMENT TWENTY-EIGHT YEARS OLD

That an asphaltic concrete pavement is highly satisfactory in a hot country is evidenced by a contract recently let by the city of Visalia in California for paving 158,505 square feet of its streets with asphaltic concrete base and surface. Visalia put down probably the oldest asphaltic concrete pavement in California. This consisted of 54,636 square feet of a five-inch "black base" plus one-inch surface laid on Main Street in that city twenty-eight years ago. There has been no maintenance cost in all that time and it is still in excellent condition. Another contract was let by Visalia in 1895 for the paving of 69,835 square feet with the same material partly on Main Street and partly on adjacent streets. The next paving done by the city was when 134,928 square feet of asphaltic concrete was laid in 1910 on one of the principal traveled streets. This was a one-course four-inch pavement using smooth river-run gravel for the aggregate. The traffic has worn this gravel flat on top without loosening it. In 1921 Visalia awarded contracts for 187,439 square feet of four-inch asphaltic concrete base and one and a half-inch asphaltic concrete surface. These contracts, with those awarded in 1922 total 772,421 square feet of asphaltic concrete pavement, laid by Visalia. Of this, nearly half is one-course four inches thick. Temperatures in Visalia frequently reach 110 degrees in summer and go below freezing in winter.

NEW BAY BRIDGE PROPOSED

A movement seeking the construction of a bridge or dam across the bay between Richmond and Marin county was launched at a recent meeting of city officials and businessmen of Richmond. H. W. Wernse, Secretary of the Richmond Industrial Commission, presided at the meeting where it was pointed out that the proposed Golden Gate bridge would need a link to the east bay shore to handle the traffic developed. The bridge will also be a gateway between the east bay cities and the north coast counties, it was declared.

WESTERN PINE SHIPMENTS IN FEBRUARY HIGHEST SINCE 1920

The shipments during the month of February by the Western Pine Manufacturers' Association, the big lumber producers of the Inland Empire, were higher than any previous February except 1920, but the cut has been surpassed in 1917, 1918 and 1920.

The shipments last month were 4498 cars of 116,556,623 feet, while a year ago, the association shipped 3374 cars totaling 89,271,616 feet.

The outstanding fact of the association's report is the falling off of shipments to the far east. The Atlantic coast states took 21,865,000 feet, which is more than 7,000,000 less than the shipments to these states in January.

The other regions were spotted as to their changes from January. Of the local states Montana showed a 3,600,000 foot increase, while the other three states dropped off. In the middle west, North Dakota, Minnesota, Illinois, Kansas and Missouri increased while South Dakota, Wisconsin, Iowa and Nebraska shipments were less. Michigan showed a decrease of 2,000,000, while Ohio and Indiana increased slightly. Wyoming and Utah gained as opposed to Colorado's loss.

Two of the states showing the greatest decreases, Iowa and Michigan, were both high for this month of the year, except in 1920, Michigan coming within 80,000 feet of the February, 1920, figures.

Missouri took 3,094,000 feet, the greatest volume of any single month except May, 1919. Shipments to Wyoming equaled the high month of 1922, and have not been surpassed since July, 1920. Colorado was the only state out of the far east taking less lumber last month than in February, 1922.

KNICKERBOCKER THEATRE RULING

A decision of vital interest to every architect, material manufacturer, and builder has been handed down in the District Supreme Court. Justice Hoehling ruled that Reginald W. Geare, architect, The District of Columbia, and the Union Iron Works must plead to the suits brought in relation to the Knickerbocker Theatre disaster. The defendants claim that, once the building had been turned over to the theatre company, all responsibility rested on the management—but the judge ruled otherwise. This case is being closely watched by attorneys and building commissioners all over the country, as it will undoubtedly act as a precedent in other similar damage suits.—American Contractor (Chicago)

STRUCTURAL STEEL CODE IS PROPOSED

Another step recently taken will help simplify problems of the structural man and help standardize construction codes. A committee of prominent engineers, working under the auspices of the American Institute of Steel Construction, has compiled a code that will govern the design, fabrication, and erection of structural steel.

It is proposed for incorporation in the building codes of all cities, and if so incorporated will result in a better co-ordination between these codes. As it is framed by experienced engineers it is authoritative, and the name of the American Institute of Steel Construction gives it additional standing. Copies of it, together with the tables that go with it, may be secured from the Institute, 1052 Leader-News Bldg., Cleveland.

Threat to Halt Building Seen in Rising Costs

Material Prices Show Jump of 24 Per Cent Since March 1922—Skilled and Unskilled Labor Shortage—Cancellations of Loans Reported When Amounts Arranged for Prove Insufficient to Meet Rising Costs.

"The money value of building and construction in 1922 was the largest recorded in the building industry of the country," says Commerce Monthly, magazine of the National Bank of Commerce in New York. "The value of new contracts awarded during January 1923, was larger than during January of either of the two preceding years," continues the bank's magazine, "and predictions are being freely made that in 1923 the volume of building, on a valuation basis, will exceed even the high record of 1922.

"Whether or not these expectations will be realized," states the article, "depends on building costs. They are already high and the prices of building materials and wages are rising. Under these conditions, there is always the possibility that as a result of high costs those who are using their own funds will prefer to delay building and that construction dependent upon borrowed money will be hampered by the unwillingness of lenders to accept current levels as a proper basis for long-term loans with the consequent restriction of such loans to so low a percentage of construction costs as will make it difficult for owners to finance their undertakings.

"Superficially the conclusion might be drawn that a famine of building materials and supplies is imminent, but such a conclusion omits the price factor. Buildings represent a long-time investment and over and over again it has been demonstrated that no industry is more susceptible than is construction to the effects of price advances.

Since last March the upward climb of building material prices has been rapid. The United States Bureau of Labor Statistics building material index has increased 24 per cent.

"The building labor situation is similar to that of building materials. There is a shortage of labor, both skilled and unskilled. This is the combined result of the competition of industry and the restriction of immigration. The resultant shortage of skilled labor, combined with effective organization, has made for monopoly wages. While wage scales in the building trades have been cut in most cities, wages paid have been determined by the law of supply and demand and they are now probably as high as they were at the peak of prices in 1920.

"With stable prices and reasonable wages, a true shortage of building materials and of building materials and of building labor would be almost certain, but rising prices and wages will operate to prevent the development of this condition. As building costs mount, they will reach a point at which home builders of small means cannot meet them. Already there are reports of cancellations of loans for this purpose because the amounts arranged for have proved insufficient to meet rising costs. Builders for industrial purposes and municipalities as well, will hesitate and investors will be inclined to consider carefully the wisdom of placing funds in investments which held increasingly doubtful promise of profit and of which the ultimate security may be in question.

IS A FIVE-DAY WEEK IN SIGHT?

We believe it will surprise many readers to know that the "five-day week" has already passed from the realm of argument into the domain of fact, at least to a limited extent.

In Los Angeles, for example, the Journeymen Plasterers' Union has a rule prohibiting its members from working more than five days a week under penalty of a $50 fine.

The local chapter of the Associated General Contractors of America has adopted a resolution deprecating the 5-day week; and the secretary of the Southern California Chapter of the American Institute of Architects states that that chapter also opposes the five-day week.

While we believe that the 5-day week will ultimately displace the 5½ and 6-day week in most trades, we are firmly of the opinion that it should not be permitted in the building trades. Building is, and probably always will be, an occupation that hibernates. On that account building workers must of necessity take a much longer vacation every year than the average worker in other trades can possibly secure. It is therefore not only uneconomic but unjust to other trades for building workers to ask a five-day week.—Eng. and Cont.

STONE QUARRY PLANNED

The Santa Catalina Island Co. announces it will construct an immense stone quarry on the island in the immediate future. The quarry will be located at Pebbly Beach and will be capable of a 300-ton output daily, and will necessitate the erection of wharves, the purchase of several tug boats and scows, and the spending of over half a million dollars for equipment.

SAFETY COUNCIL ISSUES SAFE PRACTICE PAMPHLET

Safe Practices Pamphlet No. 54 entitled "Handling Material" has just been published by the National Safety Council, 168 North Michigan Avenue, Chicago. Handling material is generally recognized as one of the greatest safety problems in industry and according to state reports handling material by hand causes more accidents than all machinery. The pamphlet is divided into the following main divisions: Power Trucks, Hand Trucks, Piling Material, Handling by Hand and Safe Habit of Work, each of which is again subdivided into paragraphs dealing with the different types of equipment used and the different methods employed in handling various types of material. The pamphlet is freely illustrated with photographs and diagrams. A large number of industries are covered and owing to the fact that handling material is common to every industry, the pamphlet has an unusually wide range of usefulness. The experience of many members of the National Safety Council was contributed in the preparation of the pamphlet and the assistance of a committee of seventy-five Safety engineers was employed in editing and revising the material.

"CONCRETE FOR PERMANENCE"

INDIANAPOLIS, Ind. — Local police were forced to resort to the crowbar and pickaxe to get to Joseph Ferasso's supply of "white mule" whiskey. Ferasso had the liquor in a barrel which was cashed in solid concrete. A force pump was used to draw the liquor out. Six gallons of "mule" were confiscated and a supply of still parts and corn sugar were taken.

Building News Section

APARTMENTS

Plans Being Prepared.
APARTMENTS Cost, $35,000
SAN FRANCISCO. Near Presidio Gate.
Two-story frame and plaster apartment building (11 apts., 1 5-room, 3 3-room and 7 2-room apts. with basement garage.
Owner—Withheld.
Architect—Mel I. Schwartz, Nevada Bk Bllg., San Francisco.
SPECIFICATIONS
Floors, hardwood and comp.; Heating, gas heating plant; Wall Beds.

Plans To Be Prepared.
APT. BLDG. Cost $—
SAN FRANCISCO, NE Eddy 97-6 W Jones.
Five-story steel and concrete apartment building.
Owner—Richard J. O'Brien and Elias Rhine, 1736 Mission, S. F.
Architect—Not Selected.

Contract Awarded.
APARTMENTS Cost, $37,500
SAN FRANCISCO, W Taylor 72-6 N Clay, S. F.
Three-story and basement frame (9) apartments.
Owner—O. C. McFarland, 1115 Taylor St., San Francisco.
Contractor—Geo. Woffenden, 827 Waller St., San Francisco.

Plans Being Prepared—Figures To Be Taken In Two Weeks.
APARTMENTS Cost, $15,000
SAN FRANCISCO, N Grove W Franklin.
Three-story frame apartment building (42 rooms, 2 & 3-room apts.).
Owner—Withheld.
Architect—O. R. Thayer, 110 Sutter St., San Francisco.

To Be Done By Day's Work.
APARTMENTS Cost, $20,000
SAN FRANCISCO, SE Taylor & Pacific Streets.
Three-story and basement frame (9) apartments.
Owner—Luis Lium, 180 Jessie St., S. F.
Architect—C. O. Clausen, Hearst Bldg., San Francisco.

Plans Being Prepared.
APARTMENTS Cost, $70,000
SAN FRANCISCO. Larkin St. near Clay St.
Five-story Class C reinforced concrete apartment house.
Owner—B. Getz.
Architect—Morrow & Garren, Chronicle Bldg., San Francisco.

Plans Being Prepared.
APARTMENTS Cost, $50,000
SAN FRANCISCO. California and Cornwall Streets.
Three-story and basement frame and stucco apartment house.
Owner—I. Epp, 441 2nd Ave., S. F.
Architect—H. C. Baumann & Edw. Jose 251 Kearny St., San Francisco.

Plans Being Prepared—Figures to be Taken in Three Weeks.
APARTMENTS Cost, $90,000
SAN FRANCISCO. N Post 50 E Jones Street.
Six-story and basement Class C apartment and store building (2 stores and 20 3-room apts.)
Owner—Geo. Cohn.
Architect—S. Heiman, 57 Post St., San Francisco.
Figures will be taken for a general contract.

LOS ANGELES, Cal.—W. L. Miller, 430 Chapman Bldg., has the contr. at about $85,000 for the erection of a four-story Class C brick apartment building, at 512 S. Rampart Ave., for John W. Lyle and Miss Louisa Mehaffey; will contain 36 apts. of 2-rms. each, with lobby.

LOS ANGELES, Cal.—Architect W. Douglas Lee, 400 Sun Drug Bldg., has completed plans for a store and apartment building to be erected at the cor. of Hollywood and Sunset Blvds., for Seymour Goodman; 6 single apts. and 16 stores. Brick, two-story, 60x315 ft., terra cotta trim, tile roofing. Cost, $75,000.

SEATTLE, Wash.—A. F. Mowat, Arcade Bldg., at approx. $100,000 awarded cont. to erect 5-story masonry stores and apartments, 120x60 ft. in North Broadway for J. F. Fleming. Howard F. Riley, Architect.

LOS ANGELES, Cal.—Ruth Roland, moving picture actress, has purchased the property at the s.e. cor. of Wilshire Blvd. and Ardome Ave., and plans the erection of a $750,000 class A apt house. The site is 100x150 ft.

LOS ANGELES, Cal.—Architect S. H. Brown, 528 Union League Bldg., has completed plans and is taking bids for the erection of a 24-unit bungalow court, each unit to contain 3-rooms, to be erected at Plymouth Blvd. and Clinton St., for the Fashion Realty Co. Frame and plaster constr., 1-story, tile and comp. roofing. Cost, $60,000.

LOS ANGELES, Cal.—Jackie Coogan, moving picture actor, has purchased the southeast corner of Sixth St. and Westmorland Ave., and contemplates the erection of a 12-story Class A apartments house to cost $1,000,000. The property is 65x150 ft.

SEATTLE, Wash.—Great Northern Constr. Co., New York Bldg., awarded cont. by Architect W. H. Milner & Co., Haight Bldg., to erect 6-story and basement masonry apartments at NW Second Ave. and Blanchard St. for Will E. Humphrey. Will be 78x108 ft. 75 2-room apts. Contract price not stated.

SEATTLE, Wash.—Architects Lawton & Moldenhour, Alaska Bldg., completing plans for two-story and basement frame apartments to be erected in block bounded by Linden and Fremont avenues, N-48th and N-49th Sts.; est. cost, $200,000. Hawthorne Imp. Co. owners.

OAKLAND, Cal. — The California Builders Co., 1534 Franklin St., Oakland, have contracts for the construction of the following four apartment buildings:

Two-story 12-room bldg., $9000, to be erected on S 43rd St., 200 E Telegraph Ave., in Oakland, for Mary E. Hesson.

Two-story 16-room flats on N Apgar St. 350 W Telegraph Ave., Oakland, for Max Bak jr. 1522 Franklin St., Oakland, cost $12,000.

Two-story 16-room bldg. on E-46th Ave. 105 S Bond St., Oakland for Jas. H. Smith, Cost. $12,000.

Two-story 16-room bldg. on S Bond St. 40 W 52nd Ave., Oakland for Grant O. Harde. Cost $12,000.

LOS ANGELES, Cal.—Archt. John J. Frauenfelder, 1116 Story Bldg., has completed plans for a 3-sto apt. house to be erected on Bimini Pl. near 3rd St., for J. J. Warrick and Dr. C. M. C. Walters. It will be 150x150 ft. and will contain 150 rooms arranged in 76 apts. Frame and plas. constr., comp. and tile rfg. Work will be done by sub-contr.

LOS ANGELES, Cal.—G. G. Stewart, 418 Lissner Bldg., has prepared plans and has the contr. to erect a class A apt. store and garage bldg., at corner Lixel and Maryland Aves., for Dr. D. E. Foster; will contain 60 single apts., lobby; 4 stores and large garage. Reinf. conc. constr., 3-story, and pt. 1-story, plaster exterior, 1-story section 62x125 ft., 3-story section 100x138 ft. Cost, $170,000.

PASADENA, L. A. Co., Cal.—Archts. Marston & Van Pelt, Edgar W. Maybury, assoc. 25 S Euclid Ave., Pasadena, are preparing plans for a 6-story 200-rm., fireproof, Spanish apt. hotel bldg. to be erected at 45 Ford Pl., Pasadena, for an undisclosed client. Site, 150x186 feet.

BONDS

FRESNO, Fresno Co., Cal.—Election will be held May 8 in Manning School District to vote bonds of $8000 to finance school improvements. Trustees of district are: H. M. Wash, J. G. Ostler and S. K. Ellis.

SAN JOSE, Santa Clara Co., Cal.—Election will be held May 4 in Burbank School District to vote bonds of $11,000 to finance construction of new school. Trustees are: Chas. M. Elliott, J. P. Mead and Clark Northup.

ANTIOCH, Contra Costa Co., Cal.—Live Oak School District rejects proposal to issue bonds to finance construction of new school. 174 votes in favor and 95 against issue.

MODESTO, Stanislaus Co., Cal.—Election will be held May 4 in Mountain View School District to vote bonds of $12,000 to finance construction of new school. Trustees are: E. C. Arnold, C. W. Swanson and J. McGee.

STRATFORD, Kings Co., Cal.—Bonds of $55,000 voted in Stratford Union Elementary School District to finance construction of new school.

GRIDLEY, Butte Co., Cal.—Trustees of Gridley Union High School District will call election to vote bonds of $200,000 to finance purchase of site and erect new school.

SAN JOSE, Santa Clara Co., Cal.—Supervisors sell $15,000 bond issue of Sunnyvale School District for premium of $1215; proceeds of sale to finance school improvements.

MERCED, Merced Co., Cal.—County supervisors sell $20,000 bond issue of Los Banos School District for premium of $1465; proceeds of sale to finance school improvements.

SANTA CRUZ, Santa Cruz Co., Cal.—Election will be held May to vote bonds of $400,000 to finance improvements to water works system. Jas. K. James, city engineer.

LEMOORE, Kings Co., Cal.—Rough tally of votes in Lemoore Union High School District shows $325,000 bond issue to finance construction of new high school carried by majority of 59 votes.

CHURCHES

Reinforced Conc. Work Blds Wanted.
CHURCH Cost $500,000 approx.
SAN FRANCISCO, SE Bush and Steiner Streets.
Reinforced concrete steel and terra cotta church (cast stone interior).
Owner—St. Dominics Church.
Engineer—P. Zucco, 166 Geary St., S. F.
Architect—Beezer Bros., (Louis Beezer in charge) 1915 Steiner St., S. F. and Seattle. (phone West 1543).
Bids are being taken for the reinforced concrete construction work up to the first floor slabs, including necessary excavating.
Tearing down of foundation now on site has been awarded to The Carlin Grading Co. at $2650.

Officially Commissioned to Prepare Plans.
CHURCH, ETC. Cost, $250,000 to $360,000.
BERKELEY, Alameda Co., Cal. Durant, Dana and Bancroft Way.
Fireproof church and educational institution for students in connection with the U. of C.
Owner—Trinity Episcopal Church.
Architect—Geo. Rushforth, 354 Pine St., San Francisco.

Plans Being Prepared.
CHURCH, ETC. Cost, $45,000
BERKELEY, Alameda Co., Cal. Northbrae.
Frame and stucco church and Sunday school building.
Owner—Northbrae Methodist Episcopal Church.
Architect—Geo. Rushforth, 354 Pine St., San Francisco.

SAN FRANCISCO—Contractors Grace & Bernieri, Claus Spreckels Bldg., are taking figures for the lathing and plastering of the interior of St. Patrick's Church on N side Mission bet. 3rd and 4th Sts. Bids will be opened April 17.

SANTA MONICA, L. A. Co., Cal. — L. J. Bristow, 2223 Wellsley St., Santa Monica has completed plans and is supervising the remodeling of the local Catholic church bldg. at 8th and Arizona. The organization is said to be preparing plans for a $250,000 cathedral which will be started in about two months. The society has bought a site, 250x150 ft., at this corner, where the new bldg. will be erected. It is proposed to build a 1200 capacity bldg.

TUCSON, Ariz. — Archt. Robert H. Orr, 1305 Corp. Bldg. has been commissioned to prepare plans for a new church to be erected at Tucson, Ariz., for Trinity Presbyterian Church. The entire project will cost about $200,000. Only the Sunday school portion will be erected at this time.

LONG BEACH, Cal.—Archt. Robert H. Orr., 1305 Corp. Bldg., has completed plans and is taking bids for erecting a new church at Long Beach, for the Nazarene Church. It will be 2-atory and basement, 65x100 ft., frame and brick veneer constr., comp. rfg., pine trim; $40,000. Bids will be taken separately on the gen. contr., art glass, heating, elec. fixtures and seating.

BERKELEY, Cal. — The University Christian Church, (Dr. H. H. Guy, Pastor), has purchased the northwest corner of Dana St. and Bancroft Way in Berkeley and will improve it with a new edifice.

LOS ANGELES, Cal.—Murphy & McVey, 2326½ W Washington St., have been awarded the gen. contr. at $62,-832 for erecting a new bldg. at Weat Adams and Cimarron Sts. for the Church of the Messiah. Allison & Allison, 1405 Hibernian Bldg., archts. Other contracts were awarded as follows: Electric work to O. J. Crowe Elec. Co., plumbing to Lohman Bros., and heating to Pac. Rad. Co. The bldg. will contain an auditorium and graded Sunday school dept.; brick and conc. constr. stucco exter., steel rf. trusses, tile rfg., art glass.

OROVILLE, Butte Co., Cal. — St. Thomas Catholic Church is planning to erect $30,000 edifice adjoining present church, the old structure to be remodeled for meeting hall purposes. Rev. J. J. Hynes, pastor.

FACTORIES & WAREHOUSES

Plans Being Prepared.
SHOP Cost, $60,000
SAN FRANCISCO. S of Market St.
One-story steel frame and galvanized iron machine shop bldg., 75x250.
Owner—Withheld.
Architect—Morrow & Garren, Chronicle Chronicle Bldg., San Francisco.

Completing Plans.
WAREHOUSE Cost, $——
SAN FRANCISCO. Capp St., bet. 17th and 18th Sts.
Two-story reinforced concrete warehouse.
Owner—Gough Furniture Co.
Architect—Mel I. Schwartz, Nevada Bk. Bldg., San Francisco.

Contract Awarded.
WAREHOUSE Cost, $30,000
OAKLAND, Alameda Co., Cal. Market and Twenty-second Sts.
One-story reinforced concrete office, warehouse and garage.
Owner—Foster & Kleiser Co., S. F.
Architect — Weeks & Day, California Commercial Union Bldg., S. F.
Contractor—Dinwiddie Construction Co. Crocker Bldg., San Francisco.

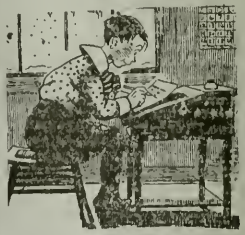
Contract Awarded.
FACTORY Cost, $23,000
SAN FRANCISCO. Geary and Emerson Streets.
One-story reinforced concrete factory.
Owner—Jacob Weissbein.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.
Contractor—Meyer Bros., 5326 Geary St., San Francisco.

Figures to be Taken Shortly.
SHOP Cost, $5,000
San Francisco. Grove St. near Van Ness Avenue.
One-story hollow tile shop building.
Owner—Jacob Wiessbein.
Architect—H. C. Baumann & Edw. Jose 251 Kearny St., San Francisco.

Low Bidders.
STORE & LOFT Cost—
SAN FRANCISCO, N W Taylor and O'Farrell.
Two-story and basement class C store and loft building.
Owner—Withheld.
Architect—Sam Lightner Hyman, Foxcroft bldg., San Francisco.
Low Bidders—Buschke & Brown, 180 Jessie St., S. F.
Bids does not include plumbing and electrical work.

Low Bidder.
STORE & LOFTS Cost, $17,850
SAN FRANCISCO. Drumm St., bet. California and Sacramento Sts.
Three-story and basement Class B reinforced concrete store and loft building with pile foundation.
Owner—Chas. Clinch Co.
Architect—H. C. Baumann & Edw. Jose 251 Kearny St., San Francisco.
Low Bidder—Buschke & Brown, 185 Stevenson St., San Francisco.
(Bids include all work except elevator).

WHEN CLARENCE Sand Pratt, President.
• • •
OF THE Pratt Building Material Co.
• • •
DOUGLAS 300—"easy to remember."
• • •
WAS A boy.
• • •
DOWN IN Tulare City.
• • •
THE CIRCUS used to stop.
• • •
ALONG IN September.
• • •
FOR ONE day only.
• • •
IT WAS a short time.
• • •
FOR BOYS of ten.
• • •
BEFORE WE knew it.
• • •
THE LAST show was over.
• • •
THE 10 cent concert was no more.
• • •
AND AS we walked out.
• • •
THE BIG animal tent was down.
• • •
AND THERE was nothing.
• • •
FOR SANDY Pratt, sand producer.
• • •
TO DO.
• • •
BUT GO home.
• • •
AND GO to bed.
• • •
SANDY HAD a great ambition.
• • •
AND THE circus.
• • •
ALWAYS INCREASED this ambition.
• • •
SANDY WANTED
• • •
TO SELL ticketa.
• • •
AT THE big red wagon.
• • •
HE WANTED to make every kid.
• • •
IN TOWN.
• • •
COME UP and put his money.
• • •
ON THE counter.
• • •
SANDY FIGURED.
• • •
HE COULD handle the "rocks" (money)
• • •
BETTER THAN the fellows.
• • •
THAT BARNUM & Bailey.
• • •
HAND ON their pay roll.
• • •
BUT SANDY'S parents.
• • •
MADE HIM continue.
• • •
AT HIS school.
• • •
AND THE circus.
• • •
CAME AND went.
• • •
AND SANDY grew up.
• • •
TO BE a dealer.
• • •
IN PRATT'S clean, sharp sand.
• • •
BUT SANDY'S ambitions.
• • •
WILL SOON be realized.
• • •
FOR HE is starting.
• • •
THE PRATT Rock & Gravel Co.
• • •
TO HANDLE and crush "rocks.'
• • •
LEFT ON the ground.
• • •
BY THE gold dredgers.
• • •
NEAR FOLSOM.
• • •
"I THANK you.'



Poor Sandy Pratt, President of the Pratt Building Material Co., who had to go to school when he wanted to follow the circus and sell tickets for them.

Contract Awarded.
STORE, ETC. Cost, $80,000
OAKLAND, Alameda Co., Cal. N 13th St. 100 E Webster.
Five-story steel frame and concrete store and loft building.
Owner—Advertisers' Building Co., Inc., (Geo. and Arthur Houschneider, et al.)
Architect & Contractor—John C. Williams, 1524 Franklin St., Oakland.

Sub-Contracts Awarded.
MACHINE SHOP Cost, $20,000
SAN FRANCISCO, N Folsom St. 343-9 W Fourth St.
One and two-story class C machine shop building.
Owner—Daniel O'Neil, 273 Minna St., San Francisco.
Architect—J. E. Krafft & Sons, Phelan Bldg., San Francisco.
Concrete work to Chas. Nilson, 180 Jessie St.
Reinforcing steel to Wetenhall Co., Atlas Building.

Plastering and Painting Bids Being Taken.
WAREHOUSE Cost, $100,000
SAN FRANCISCO, NE 8th and Natoma Streets.
Two-story and basement reinforced concrete showrooms and whse. (flat slab construction)
Owner—Talbot Investment Co.
Lessees—Geo. H. Tay Co., 2nd and Mission Streets.
Architect—J. E. Krafft & Sons, Phelan Building.
The Brodie Iron Works 31 Hawthorne St., was awarded a contract for steel pipe racks, etc. $3335.

Contract Awarded.
LOFT BLDG. Cost, $8000
SAN FRANCISCO, NE Cleveland and Seventh.
Two-story reinforced concrete loft bldg., 25x75
Owner—Bothin Real Estate Co.
Architect—Arthur Bugbee, 26 Montgomery St., S. F.
Contractor—Busehke & Brown, 185 Stevenson St., S. F.

Plans Being Prepared.
FACTORY Cost $—
SAN FRANCISCO, S Brannan St., betw. 3rd and 4th.
Extensive alterations to 3-story fireproof bldg. 275x275, for paper carton factory.
Owner—Paraffine Companies, Inc.
Engineer—Leland S. Rosener, Insurance Exchange Bldg., S. F.

Plans To Be Prepared.
LOFT BLDG. Cost, $50,000
SAN FRANCISCO, SE Bryant & Decatur Sts., bet. 7th and 8th.
Three-story and basement concrete loft building.
Owner—Louis R. Lurie, 315 Montgomery St., S. F.

Contract Awarded.
ICE PLANT Cost, $6000
NEWMAN, Stanislaus Co., Cal.
One-story corrugated iron ice plant.
Owner—National Ice & Cold Storage Co.
Architect—Eng. Dept of Owner.
Contractor—Roy Kruger, Gustine, Cal.

Plans Being Prepared.
LOFT BLDG Cost, $100,000
SAN FRANCISCO, SW 7th and Bryant Streets.
Four-story reinforced concrete loft building 100x107-6.
Owner—Louis R. Lurie.
Architect—O'Brien Bros., 315 Montgomery St., S. F.

Contractor Taking Sub-Figures.
WAREHOUSE Cost, $70,000
SAN FRANCISCO, NW 2nd and Bryant Streets.
Three-story and basement reinforced concrete warehouse.
Owner—Baker Joslyn Co., 1st & Harrison Sts.
Designer & Contractor—Chas. W. Gompertz, 403 Mills Bldg., S. F.

Contract Awarded.
WAREHOUSE Cost, $3500
SAN FRANCISCO, 6th St., bet. Folsom and Howard Sts.
Remodel warehouse.
Owner—M. Rothenberger & Co.
Architect—O. R. Thayer, 110 Sutter St., San Francisco.
Contractor—H. J. Keneally, 2175 Green St., San Francisco.

Plans Completed.
FACTORY Cost, $17,500
SAN FRANCISCO, S Clement 50 E 12th Ave.
Two-story and basement brick store and candy factory.
Owner—B. Getz.
Architect—Morrow & Garren, Chronicle Bldg., San Francisco.

Plans Being Figured.
WAREHOUSE Cost, $100,000
SACRAMENTO, Cal., 3rd and Q Sts.
One-story & basement reinforced concrete warehouse.
Owner—Lindley & Co.
Architect—Dean & Dean, Library Bldg., Sacramento.

Contracts Awarded.
LAUNDRY Cost, $40,000
SAN FRANCISCO, 14th St., bet. Mission and Howard Sts.
One-story and mezzanine floor reinforced concrete laundry bldg., 149-6 by 114-9.
Owner—Rickey & Schimferman, of the City Rough Dry Laundry, 1672 15th St., San Francisco.
Architect—Meyer & Johnson, 742 Market St., San Francisco.
General contract to C. T. Merchant, 180 Jessie St., at $38,550.
Plumbing to Alexander Coleman, 706 Ellis St., at $2644.

ORLAND, Glen Co., Cal.—W. T. Hilliard of Paskenta, Calif., owner of a timber tract in the Coast Ranke west of Orland will establish a lumber yard, box factory and planing mill at Orland.

SAN BERNARDINO, San Bernardino Co., Cal.—Southern Terminal Warehouse & Storage Corp., will erect a two-story Class A warehouse at D St. and Rialto Ave., C. H. Arms, fiscal agent of the company, reports. It will be orf reinforced concrete and steel construction, steel sash and doors. Foundations will be built to carry 4 stories. Est. cost, $125,000. Herbert C. Shaw, is vice-president and manager, San Bernardino.

TACOMA, Wash.—Construction will be started in 30 days by Tacoma Gas & Fuel Co., on $250,000 plant on tide flats. D. J. Young, vice-president and manager of company.

NELSON, B. C.—Kootenay Pulp & Paper Co. has completed purchase of site and will erect a $2,000,000 pulp and paper plant. Howland & Waltz, pulp and paper manufacturers of Minneapolis, are interested.

LOS ANGELES, Cal.—Architect W. J. Saunders, 227 Laughlin Bldg., is preparing plans for a three-story Class A laundry building, to be erected on the north side of Sixth street near San Pedro St., for City Towel Supply Co. The building will be designed for 5-story. Dimensions, 45x89 ft., reinf. concr. constr., steel sash, metal skylights, fire doorms, fire escapes.

LOS ANGELES, Cal.—V. P. Gilbert, 705 Citizens Nat. Bank Bldg., has the contract at about $60,000 for the erection of a one-story warehouse on Santa Fe Ave. for Cole & Bixby. Dimensions, 140x453 ft., pressed brick front, comp. roofing, cement floors, steel sash, metal skylights, wire and plate glass, wood roof trusses, steel beams.

JOOST BROTHERS
Builders' Hardware
Tools, Etc.
(Members Builders' Exchange)
1053 MARKET ST.
Phone Market 891 San Francisco

HANFORD, Cal.—Hanford Sentinel, 119 North Douty St., has purchased site 50 by 150 ft., at corner of E-7th and Harris Sts., for additions to plant.

SAN FRANCISCO—Architects J. E. Krafft & Sons, Phelan Bldg., have awarded contracts as follows for the painting and plastering in connection with the construction of a 2-story and basement show room and warehouse building for the Talbot Investment Co. It will be erected on NE 8th and Natoma Sts.
Painting to J. P. Fraser, $2200.
Plastering to A. Knowles, Call Bldg., $2400.

LOS ANGELES, Cal.—C. J. Kubach Co., 701 Mer. Nat. Bank Bldg., has been awarded a contr. for all work compl. for erecting a 7-story and basement class A loft bldg. at s.w. cor. of 11th and Main Sts., for Morris Harris. Harwood Hewitt, 1130 Van Nuys Bldg., architect. Reinf. conc. constr., 73x109 ft., press. brick and cast stone exterior. Tufa stone entrance, steel sash, marble and tile lobby.

SAN PEDRO, Los Angeles Co., Cal.—Foot Transfer & Storage Co., Amos Kriesel, prop., plans to erect a fireproof warehouse for trucks and livestock on a 4-acre site in the Vista del Mar tract. The proposed building will cost approx. $100,000. The site fronts 800 ft. on the P. E. Railway.

WATSONVILLE, Santa Cruz Co., Cal.—Dunbar-Hanson Co. has started construction of $75,000 extension to its packing plant and dryer.

MOUNTAIN VIEW, Santa Clara Co., Cal.—G. F. Walker, engineer, representing King's Food Products Co., is in this vicinity seeking site on which it is proposed to erect a dehydration plant.

FLATS

Plans Being Prepared.
FLATS Cost, $15,000
SAN FRANCISCO, Franklin St. vicinity of Bay St.
Two 2-story frame and stucco flat bldgs. (2 flats each with basement garage).
Owner—Dr. Mervy.
Architect—E. E. Young, 2002 California St., San Francisco.

To Be Done By Day's Work.
FLATS Cost—
SAN FRANCISCO, N Irving 45 E 18th Ave., and NE corner.
Two 2-story and basement frame flat bldgs. (4 flats each).
Owner—Arthur H. Klahn, 1334 21st Ave., San Francisco.
Architect—None.

GARAGES

LONG BEACH, L. A. Co., Cal.—C. H. Krause, 3639 E Second St., Long Beach, is reported having plans prepared for a $500,000, 8-story, class A garage bldg. to hold 100 cars on each floor, at the alley corner of Elm Ave. nr. First St., Long Beach.

GOVERNMENT WORK AND SUPPLIES

Figures To Be Taken Shortly.
CAMP Cost—
FORT DOUGLAS, Utah.
Summer training camp (9 kitchens, 4 latrines, 5 bathrooms, water and sewer systems).
Owner—U. S. Government.

Figures To Be Taken Shortly.
CAMP Cost—
GORDAN NARROWS, Utah, near Salt Lake.
Summer training camp (storehouse, 11 kitchens, 5 bathrooms, 6 latrines, etc.)
Owner—U. S. Government.

Figures To Be Taken Shortly.
CAMP Cost—
GIGLING RESERVATION, Monterey Co Cal., 15,600 acres 3½ miles from Hilltown or 8 mles from Salinas.
Summer training camp (deep wells, pumps, distributing mains, power lines, telephones, roads, sewers, 19 latrines, 34 kitchens & mess halls, 10 bathrooms, hot water system, watering troughs, corrugated iron storehouse, 200,000 gal. redwood tank with foundation, etc. Two centrifugal pumps of 300 gal. per min. capacity, 30 h. p. motor.)
Owner—U. S. Government.
Bids will be called first for the wells then the pumping system, building, power lines, etc. Work to be completed by July 15, 1923 to accommodate 10,000 troops.
All work will be handled by the consulting quartermaster of Fort Mason.

All Bids Rejected.
HOSPITAL BLDG. Cost, $1,600,000
LIVERMORE, Alameda Co., Cal. Johnson Ranch, 5 miles fro mLivermore.
Group of 24 reinforced concrete hospital buildings.
Owner—U. S. Government.
Architect — Mathew O'Brien, 68 Post St., San Francisco.
All bids received on March 29th were rejected.

WASHINGTON, D. C. — Bureau of Docks, Navy Department, has completed spec. No. 4765, for barracks building at San Diego, Calif., and prospective bidders may file applications for plans. Deposit of $10 required.

SAN DIEGO, Cal.—Lipscomb & Dutton, 1236 Pennsylvania Ave., San Diego, at $4252, time 45 days, awarded cont. by Bur. of Yards and Docks, Navy Dept. to const. pier, float and gangway at San Diego; time 45 days. Work under Spec. No. 4816.

WASHINGTON, D. C.—Until May 9, under Spec. 4838, bids will be rec. by Bureau of Yards and Docks, Navy Department, for flag staff at San Diego, Calif. Deposit of $10 req. for plans.

WASHINGTON, D. C.—Until May 25, under Spec. 4692, bids will be rec. by Bureau of Yards and Docks, Navy Department, to const. seaplane hangar & runway at naval station, Pearl Harbor, H. T.

WASHINGTON, D. C.—S. Heller Elevator Co., 250 Milwaukee St., Milwaukee, Wis., at (item 1) $10,676, time 150 days, awarded cont. by Bureau of Yards and Docks to install elevators in Naval Hospital, San Diego. Spec. No. 4784.

WASHINGTON, D. C.—Bids are being rec. by Bureau of Supplies and Accounts, Navy Department, for fur. following supplies, date for opening bids as noted at end of each paragraph:
Schedule 703, for west coast navy yards, fuel oil during the period from July 1, 1923, to June 30, 1924, April 24.
Sched. 709, for Puget Sound, 38,000 sq. ft. white oak flooring.
Sched. 715, for Mare Island, 3600 feet wire towing hawser and 9600 feet steel wire rope, May 8.
Sched. 718, for Mare Island, 1200 gals. black asphaltum varnish, May 8.
Sched. 724, for various eastern and western yards, wrenches, May 8.
Sched. 725, for various eastern and western yards, pliers, May 8.
Sched. 727, for eastern and western yards, carbon and high-speed twist drills, May 8.

SAN DIEGO, Cal.—Union Const. Co., Balfour Bldg., San Francisco, awarded cont. by Bureau of Yards and Docks, under Spec. 4770, for paint and oil storehouse at destroyer base, San Diego Bid is: Items 1 to 4, $18,940; alternate bid 30c per sq. ft. for concrete floors also accepted; time to complete 90 days.

WASHINGTON, D. C.—In addition to bids previously reported, following is late bids rec. by Bureau of Yards and Docks, under Spec. 4755, for fur. elec. traveling cranes for Puget Sound Navy Yard, Wash.: Whiting Corp., Harvey, Ill., Item 2, $10,950, time 130 days.

WASHINGTON, D. C.—Until April 25, bids will be rec. by Bureau of Yards and Docks, Navy Department under Spec. 4776, to reconst. dikes 9 and 14, at Mare Island, Calif., Navy Yard.

WASHINGTON, D. C.—Until May 3, 10:30 a. m., bids will be rec. by Panama Canal Commission, under Circular No. 2321, for fur. and del. wire, screws, copper nails, staples, brass cocks, chain shackles, scythe stones, wood tool handles, metal casters, water coolers, lanterns, brushes (paint, varnish & whitewash).

FORT MASON, Cal.—Bids were received on April 17 by the Constructing Quartermaster's Office, for repairing wharf, driving piles, etc., at Presidio of San Francisco.

Work Complete

M. B. McGowan, 180 Jessie St., S. F., $3400 (error in bid, may be withdrawn).
A. W. Kitchen, 110 Market St., S. F., $4175.
Healy Tibbitts Constr. Co., S. F. $4420.
Duncanson-Harrelson Co., S. F., $4425.
Renner Foundation Co., S. F., $5574.

Painting for Iron Piling

T. H. Dahl $1800
H. Kolwyss 2000

WASHINGTON, D. C.—Until May 1, 10:30 a. m., under Curcular No. 1522, bids will be rec. by Panama Canal Commission, for fur: steel pinions, push carts, hydrotherapeutic apparatus and other hospital installations, steel rope, phosphor bronze rope, special bronze, Manila rope, copper sheathing, sheet lead, hose, rubber tubing, packing, asbestos gaskets, poultry netting and wire cloth, wire lath, asbestos gloves, storage batteries, hacksaw blades, padlocks, steel lockers, water buckets, garbage cans, gasoline spirits, brushes, ash oars, and lumber. Further information regarding this circular may be had from Asst. Purchasing Agent, Fort Mason, San Francisco.

HALLS AND SOCIETY BUILDINGS

Sub-Figures Being Taken.
ADDITION Cost, $300,000
SAN FRANCISCO. N Sutter St., bet. Taylor and Mason Sts.
Six-story and basement Class A annex addition to present club building.
Owner—Women's Athletic Club, Prem.
Architect—Bliss & Faville, Balboa Bldg., San Francisco.
Contractor — MacDonald & Kahn, 130 Montgomery St., San Francisco.
The foundation has been started.
(31998) 1st report Dec. 6, 1918; 6th

Plans To Be Prepared.
HALL BLDG. Cost, $—
SAN FRANCISCO. E Jones St., bet. Eddy and Turk 54x137-6.
Class A hall building.
Owner—Musicians' Union No. 6.
Architect—Not selected.

LOS ANGELES, Cal.—Archt. Arthur L. Acker, 443 Douglas Bldg., is preparing plans for a country club bldg., to be erected on Ventura Blvd., Encino Acres, for the Encino Country Club; will contain 30 sleeping rooms, each with bath, dining room and kitchen, club rooms, billiard hall and lobby. Conc. and frame constr., 3-story 74x180 feet.

SANTA CRUZ, Santa Cruz Co., Cal.—Committee of citizens will hold series of meetings to further proposal to erect civic auditorium. H. E. Irish, chairman of committee.

A. E. Leitch Fred Clark
CLARK & LEITCH ROOFING CO.
Successors to E. S. Warner
Office and Warehouse:
1110 SECOND ST., SACRAMENTO
Phone Main 726

LOS ANGELES, Cal.—Archts. Allison & Allison, 1405 Hibernian Bldg., have completed preliminary plans for the new Women's Athletic Club Bldg., to be erected on Flower St., betw. 8th and 9th Sts. It will be a 7-story and basement structure, 150x157 ft., class A reinf. concr. constr., plas. exter., cast stone trim, marble and tile work, clay tile and comp. rfg. Cost $750,000.

HOTELS

LOS ANGELES, Cal.—Metcalf & Ryan Pac. Finance Bldg., have secured a 99-year lease on property at s.w. cor. of 7th St. and Burlington Ave. and contemplate the erection of a class A limit-height hotel bldg. at expiration of present leases. The site is 150x130 ft. The new bldg. will cost $1,000,000.

LONG BEACH, L. A. Co., Cal.—Hugh R. Davies and Ed. J. Baume, assoc. architects, 514 Marine Bank Bldg., Long Beach have prepared preliminary drawings for a $1,000,000, 10-story, class A hotel and club bldg. to be erected at n.e. cor. Ocean Blvd. and Locust Ave., Long Beach, on a site leased for 99 years by C. J. Harper, Sea Gull Apts., Long Beach, and owned by Adolph Marx and L. E. Grigsby. The Long Beach Athletic Club will have the 6 lower floors, excepting 10 stores in first story; 250 hotel rooms, six elevators, rein. conc. constr.

POWER PLANTS

MARYSVILLE, Yuba Co., Cal.—Pacific Gas & Electric Co., 445 Sutter St., San Francisco, appropriates $100,000 to improve service in Marysville and Yuba City districts. Marysville substation will be rebuilt at a cost of $50,000. High pressure gas service will be installed in Yuba City.

FRESNO COUNTY. — Southern California Edison Co. has started construction of water power electric generating station in Sierra Mts., Fresno Co. Power house will be concrete and steel construction. Three 33,000 h. p. units will be installed.

SAN FRANCISCO—Until May 16, 3 p. m. bids will be rec. by Board Public Works to construct Bay Crossing pipe line in Bay Crossing Division of Hetch Hetchy project, under contract No. 90, Hetch Hetchy Water Supply. Total estimated cost $2,700,000. Bond of 20% of total contract price required of successful bidder. Spec. obtainable from office of city eng. M. M. O'Shaughnessy, 3rd floor, city hall. N. A. Eckart, chief asst. eng. Hetch Hetchy project.

SAN FRANCISCO—Until May 23, 3 p. m., bids will be rec. by Board of Public Works to furnish, deliver and install steel penstock and accessories for Moccasin Creek Power Plant, Hetch Hetchy water project, under Contract No. 91. Total estimated cost $1,400,000. Bond of 20% of total contract price required of successful bidder. Spec. obtainable from office of city eng M. M. O'Shaughnessy, 3rd floor, city hall. N. A. Eckart, chief asst. eng., Hetch Hetchy project.

DINUBA, Tulare Co., Cal.—See "Waterworks," this issue.

NAPA, Napa Co., Cal.—Pacific Tel. & Tel. Co., 333 Grant Ave., San Francisco, appropriates $48,000 to imp. system in Napa Valley.

SEATTLE, Wash.—NePage-McKenny Co., Armour Bldg., at $268,000 awarded cont. by Bd. Pub. Wks. to const. transmission line from Gorge Creek plant of Skagit project to North sub-station at Seattle city limits. Other bids were: Grant-Smith Co., Seattle, $424,100; Western Engineering Service Co., Charleston, West Virginia, $401,600. Line will be 100-mi. long, 165,000 volt with 112,000 h. p. capacity. City will furnish wire, poles and cross-arms.

PUBLIC BUILDINGS

Plans to be Prepared.
MEMORIAL BLDG. Cost, $2,000,000
SAN FRANCISCO, Civic Center.
Class A Opera House and War Memorial Building.
Owner—San Francisco War Memorial, A. W. Widenham, Phelan Bldg. (Secretary and Campaign Director)
Architects — Architectural Advisory Board, consisting of the following: Architects, Bernard Maybeck, Willis Polk, John Galen Howard, John Reid Jr., Ernest Coxhead, Arthur Brown Jr., Frederick H. Meyer and G. Albert Lansburgh.
An office will be established to carry on the designing. There is now $2,000,000 subscribed, if this is not sufficient additional funds will be raised.

TURLOCK, Stanislaus Co., Cal.—Architect G. N. Hilburn, Turlock, will submit plans to city council shortly for proposed municipal swimming pool. Will by 40 by 100 ft. Construction will include erection of dressing and locker rooms, etc.

EUREKA, Humboldt Co., Cal.—Civic organizations are backing movement urging the construction of a municipal auditorium.

SAN JOSE, Santa Clara Co., Cal.—County Grand Jury, in annual report, recommends early construction of new county courthouse and county jail buildings. Dr. Chas. A. Wayland is foreman of Jury.

MADERA, Madera Co., Cal.—Until May 8, 2 P. M., bids will be rec. by L. W. Cooper, County Clerk, to const. concrete rest room in county park at Chowchilla. Cert. check 10% req. Plans obtainable from clerk.

MARTINEZ, Contra Costa Co., Cal.—Guy O. Smith, at $2250 submits low bid to county supervisors to const. temporary office of District Attorney. Other bids: Miner Co., $5784; H. T. Caskey, $5723. Bids rejected and ordered re-advertised. J. T. Narbett, architect, 910 Macdonald Ave., Richmond.

RESIDENCES

Bids In
RESIDENCE Cost, $16,000
SAN FRANCISCO. E Lyon St. 50 N Union St.
Two-story and basement frame residence.
Owner—Jane Elizabeth Rolph.
Architect—W. H. Crim Jr., 425 Kearny St., San Francisco.

Plans Being Figured—Bids Close April 19, 1923.
RESIDENCE Cost, $25,000
SAN FRANCISCO. Broadway bet. Baker and Lyon Sts.
Two-story and basement frame and stucco residence with tile roof.
Owner—Milton Eisner.
Architect—G. A. Lansburgh, 140 Montgomery St., San Francisco.
Figures are being taken for a general contract.

Plans Ready For Figures.
RESIDENCE Cost, $25,000
SAN FRANCISCO, N Washington St., near Cherry.
Two-story and basement frame and stucco residence with tile roof (8 rooms and 2 bathrooms).
Owner—Joseph W. Salz.
Architect—Wm. F. Gunnison, 57 Post St., San Francisco.
Plans will be given out the end of this week for general bids.

Plans Being Figured.
RESIDENCE Cost, $16,000
SAN FRANCISCO, Buena Vista Ave. nr. Frederick.
Two-story frame and stucco residence with tile roof.
Owner—H. Marten.
Architect—John H. Powers and John H. Ahnden, 460 Montgomery St., San Francisco.

Completing Plans—Figures To Be Taken In Ten Days.
RESIDENCE Cost, $30,000
SAN FRANCISCO. Ingleside Terrace.
Two-story and basement frame and stucco residence with terra cotta roof (14 rooms, 3 bathrooms, and garage for 3 machines).
Owner—M. Spiegelman.
Architect—S. Heiman, 57 Post St., S. F.

Work Started—Being Done By Day's Labor.
RESIDENCE Bet. $500,000 & $1,000,000
PALO ALTO, Santa Clara Co., Cal., 12 miles southwest of Palo Alto.
2½-story steel and native stone residence (28 rooms, separate garage and supt. cottage, etc.)
Owner—Herbert Law, 500 Monadnock Bldg., San Francisco.
Architect — J. C. Hladik, Monadnock Bldg., San Francisco.
The walls are up. Plumbing, heating and electrical work has been let to Frank J. Klimm, 456 Ellis St., S. F.
Lathing and plastering bids will be taken in a few days from a selected list of contractors. Later, sub-figures wil be taken for tile work, glass, painting, hardware, hardwood floors, marble work, etc.

Contract Awarded on a Percentage Basis—Sub-Figures Being Taken.
RESIDENCE Cost, $—
BEVERLY HILLS, L. A.
Hollow tile residence (18 rooms and 5 bathrooms).
Owner—Ben Meyer.
Architect — Johnson, Kaufmann and Coate, 608 Union Bank Bldg., L. A.
Contractor—John Mayer, 865 N Hollister St., Pasadena.
Mr. Mayer is also taking sub-figures for the construction of a 2-story frame residence for Jas. Ross, to be erected in Beverly Hills. Cost $35,000.

Plans Being Prepared.
RESIDENCE Cost, $9000
OAKLAND, Lakeshore Highlands.
Two-story and basement frame & stucco residence.
Owner—Mrs. E. W. Wilson.
Architect — W. E. Schirmer, Thayer Bldg., Oakland.

Plans Being Prepared.
RESIDENCE Cost, $7000
OAKLAND, Alameda Co., Cal., Excelsior Avenue.
One-story frame and plaster residence.
Owner—J. B. Ferguson.
Architect — W. E. Schirmer, Thayer Bldg., Oakland.

Contract Awarded.
RESIDENCE Cost, $12,000
SAN FRANCISCO, 18th Ave and Geary Street.
Two-story frame and brick veneer residence.
Owner—John Hermann, 216 Fremont St. San Francisco.
Architect—Meyer & Johnson, 742 Market St., San Francisco.
Contractor—E. Hogberg, 180 Jessie St. San Francisco.

Low Bidder.
RESIDENCE Cost, $14,200
SAN FRANCISCO. St. Francis Wood.
Two-story and basement frame and stucco residence.
Owner—H. Cook.
Architect — Walter C. Falch, Hearst Bldg., San Francisco.
Low Bidder—John Morton, 180 Jessie St., San Francisco.

STOCKTON, San Joaquin So., Cal.—Until April 17, 10:30 A. M., bids will be rec. by A. L. Banks, City Clerk, to const. two dwelling houses at diposal plant of north outfall sewer. Cert. check 10% payable to city clerk required with each bid. Plans obtainable from clerk.

SCHOOLS

Plans Accepted—Bids To Be Called for Shortly.
ADDITION Cost, $25,000
SACRAMENTO, Sacramento Co., Cal. Bret Harte School.
Four-room brick and concrete addition to school.
Owner—City of Sacramento Board of Education.
Architect—Dean & Dean, Library Bldg., Sacramento.

Plans Being Figured—Bids Close May 9, 1923, 8 p. m.
SCHOOL Cost—
LIEBER, Lassen Co., Cal.
Branch high school.
Owner—Lassen Union High School District, Alcesta Lowe, Clerk, Susanville.
Architect—Chas. N. Coseboom, Klamath Falls, Ore.
Plans may be obtained from the architect on a deposit of $10. See call for bids under Official Proposals.

Plans Completed—Owner To Take Figures.
SCHOOL Cost, $80,000
OAKLAND, Alameda Co., Cal., Grove & 21st Streets.
Two-story brick private school (six classrooms, auditorium, small assembly hall, lecture hall, etc.)
Owner—St. Francis De Sales Church, Rev. F. X. Morrison, Pastor, NE Grove and Hobart St., Oakland.
Architect—Withheld.

Plans Being Figured—Blds Close Apr. 30, 1923, 7:30 P. M.
SCHOOL Cost, $45,000
MILLBRAE, San Mateo Co., Cal.
One-story frame and stucco school (4 classrooms and an auditorium).
Owner—Lomita Park School District.
Architect — Alfred Kuhn and Thos. M. Edwards, 833 Market St., S. F.
See call for bids under Official Proposals.

Plans Being Figured—Blds Close April 27, 8 P. M.
SCHOOL Cost, $——
FARMINGTON, San Joaquin Co., Cal.
One-story grammar school.
Owner—Shady Grove Grammar School District.
Architect—Wright & Satterlee, Bank of Italy Bldg., Stockton.
See call for bids under official proposal section in this issue.

Plans Completed—Owner To Take Figures.
SCHOOL Cost, $80,000
OAKLAND, Alameda Co., Cal., Grove & 21st Streets.
classrooms, auditorium, small assembly hall, lecture hall, etc.)
Owner—St. Francis De Sales Church, Rev. F. X. Morrison, Pastor, NE Grove and Hobart Sts., Oakland.
Architect—Withheld.

SAN LUIS OBISPO, San Luis Obispo Co., Cal.—Board of education has approved plans for a $35,000 high school bldg. to be built on the present high school grounds, to relieve crowded conditions. O. L. Clark, Bakersfield, archt. It will be of brick and conc. constr., and have a capacity of 125 pupils. It will house the science and art depts. and will contain laboratories, lecture rooms, and an art room. Blds will be called for at once.

MODESTO, Stanislaus Co., Cal.—The Board of Trustees of the Modesto Union High School District, opened bids on April 13th, for the construction of a one-story concrete and brick veneer high school building from plans prepared by Architect W. H. Weeks, 369 Pine street, San Francisso. Blds for the window shades, blackboards, heating and ventilating were rejected and new bids will be received. The following is a list of the contracts that were awarded.

General Contract
H. W. Rebman, 914 6th St., Modesto, $71,497.20.

Plumbing
Latourrette-Fical Co., Sacramento, $5520.

Painting
E. L. Bates, 215 Semple St., Modesto, $2648.

Lathing and Plastering
Hansen-Buchen, Modesto, $11,386.

Linoleum
Ward Furniture Co., Modesto, $916.50.
A complete list of the bids will be given later.

BAKERSFIELD, Kern Co., Cal.—Until May 5, 7:30 P. M., bids will be rec. by Kern County Union High School District for fur. furniture for science building. E. W. Owen and B. R. Fitzgerald, Trustees of Dist.

CALIPATRIA, Imperial Co., Cal. — Until 7:30 p. m., April 27, bids will be received by trustees of Calipatria union high school dist., for erecting (1) shop bldg. (2) dressing room bldg., (3) shop bldg. and dressing room bldg. Plans and spec. may be obtained from Don W. Wells, El Centro, archt., or from the clerk of the dist., A. J. Erichsen. Cert. chk. or bond 5%.

STOCKTON, San Joaquin Co., Cal.—Until May 1, 4:30 p. m., bids will be rec. by Ansel S. Williams, secy. Bd. of Education, for fur. 1500 auditorium chairs; 750 assrembly portable chairs and 225 pupils' desks. Detailed spec. on file in office of Bd. Lindsay and San Joaquin Sts. Cert. check $100 will cover any list or $300 for three lists. Bids may be submitted upon one or more lists.

BAKERSFIELD, Kern Co., Cal.—Until May 7, 8 p. m., bids will be rec. by Boyce R. Fitzgerald, clerk, Kern County Union High School District, to construct concrete and steel athletic quarters and grandstand on high school grounds. Chas. H. Biggar, archt., 405 Bank of Italy Bldg., Bakersfield. **See call for bids under official proposal section in this issue.**

PASADENA, L. A. Co., Cal. — Anton Johnson, Kingsburg, was low bidder at $185,442, for the general contract for erecting the George Washington Junior high school at Raymond Ave. and Penn St., Pasadena. Other low bids were: W. F. Crellier, plumbing, $10,347; Lohman Bros., heating, $13,417; Pasadena Paint & Dec. Co., painting, $6100 and W. A. McNally Co., wiring, $7359. Bids under advisement Allison & Allison, Hibernian Bldg., L. A., archts.

GLENDALE, L. A. Co., Cal.—The International Time Recording Co., 650 Mission St., has been awarded a contract at $4450 by the Board of Trustees of the Glendale Union High School District for the program clock system in the new high school. Plans were prepared by Geo. M. Lindsey, of Glendale.

TUCSON, Ariz.—Edw. C. English, 508 Cit. Nat. Bank Bldg., Los Angeles, was awarded contr. at $468,800 on the general contr. for erecting a new high school bldg. at Tucson, Ariz. Lyman & Place, archts. Awards on other contracts were: Corbett Hdwe. Co., Tucson, on plumbing at $29,995; New State Electric Co. on wiring at $29,143; Neff Stiles Co. on steel lockers at $7466; and Bonded Floors Co. on linoleum at $19,548. The bid of M. F. Dicus on heating at $64,890 was taken under advisement.

RENO, Nevada—Bonds of $30,000 (additional) have been voted in Reno Junior High School District to finance construction of gymnasium for high school, now under construction. Geo. A. Ferris & Son, architects, Reno.

SANTA ANA, Orange Co., Cal.—Until 1 p. m., April 25, bids will be rec. by board of education, Church and Sycamore Sts., for the erection of a new bldg. for the junior high school on the public school grounds at South Main St. and Fairview Ave., involving (a) general contract, and (b) heating contract. Cert. check 5%. Plans and spec. may be obtained from the archt., Frederick H. Eley, Santa Ana, upon deposit of $25. F. S. Andrews, secy. It will contain 25 classrooms, and an auditorium to seat 800; 2-story, 306x63 ft., with wing for the auditorium; reinf. conc. walls, plas. exter., tile and comp. rfg., cost $200,000.

LOS ANGELES, Cal. —Architect Francis D. Rutherford, 325 Title Ins. Bldg., has completed plans for a new school building to be erected at Bandini and Oliver Sts. Twelve rooms, 2-story 62x172 ft., brick construction, tile and comp. rfg., pine trim, maple floors; $84,000. The board of education will advertise for bids shortly.

LOS ANGELES, Cal. — Architect Henry F. Withey, 405 S. Western Ave., has completed plans for new school building to be erected on Gulf Ave., Wilmington. It will contain 12 rooms, 2-story, 60x[illegible] ft., brick constr., clay tile roofing, pine trim, maple floors; $84,000. The board of education will advertise for bids shortly.

LOS ANGELES, Cal.—Until 2 p. m., April 28, bids will be received by the Garden Grove school board for the erection of a grammar school bldg., at Garden Grove, bids to be received on segregated contracts only. Plans by Arthur G. Lindley and Chas. Selkirk, assoc., 801 Amer. Bank Bldg., Los Angeles. Will consist of 2-story, aud. to seat 700, with two 1-story wings to contain 8 classrooms, domestic science and manuel training depts; frame construction, gunite exter., conc. stairs and corridors, tile and comp. rfg. Cost $75,000.

LA HABRA, Orange Co., Cal.—Until 8 P. M., Apr. 30, bids will be received by the trustees of La Habra Grammar School District, for the erection of a grammar school building, at La Habra. Plans by Architects Jeffery & Schaefer, 1104 Kerckhoff Bldg., Los Angeles. Bids to be taken on segregated contracts. Brick, 1-story, 101x171 ft., basement, tile roofing, maple floors, marble toilet partitions, cement floors, steam heating, terra cotta, steel beams; 8-rooms and kindergarten; $55,000.

PASADENA, Los Angeles Co., Cal.—Architects Allison & Allison, 1405 Hibernian Bldg., Los Angeles, are preparing plans for a new school to be known as the Opportunity School at Pasadena. There will be 5 buildings administration building, domestic science, manual arts and 2 lavatory buildings; brick construction, plaster exteriors, clay tile and comp. roofing; $175,000.

PORTLAND, Ore.—Architect F. Manson White, Sherlock Bldg., commissioned by School Directors to prepare plans for Ockley Green, Sunnyside and Portsmouth Schools, etc. cost, $275,000 each. Architect C. L. Goodrich, Abington Bldg., Portland, commissioned to prepare plans for $175,000 Beaumont School.

SAN FRANCISCO — Architect J. R. Miller, Lick Bldg., has been commissioned by the Bd. Pub. Wks. to prepare plans and specifications for proposed elementary school to be erected in the block bounded by 22nd, 23rd Aves., and Clement and California Sts. The appointment was made on the recommendation of City Arch. John Reid, Jr. Details of construction will not be available until preliminary plans have been prepared.

FORT BRAGG, Mendocino Co., Cal.—The Board of Trustees of the Fort Bragg School District opened bids on April 17th, for the construction of a twenty-rooms frame school building from plans prepared by Archt. Norman R Coulter, 46 Kearny St., San Francisco. Following is a complete list of the bids received:

Joe Piasecki, 180 Jessie St., S. F.	$70,981
Myrl Crane, S. F.	73,988
Dan R. Wagner, S. F.	76,890
L. Halvorson, Santa Rosa	78,001
West Coast Const. Co., S. F.	102,514

SALINAS, Monterey Co., Cal.—Until May 1, 8 P. M., bids will be rec. by Arthur Walter, Sec'y, Salinas City Bd. of Educ. for fur. janitor and playground supplies for school year 1923-1924. List of materials desired obtainable from City Sup't. of Schools.

Phone Mission 2607
Res Phone Mission 5228

Fire Protection Products Co.

FIRE DOOR EXPERTS

Kalamein, Copper and Bronze Doors and Trim

Ornamental Entrances

Sheet Metal Work of Every Description

CHAS. SCHULTHEIS, Mgr.

3117-3119 TWENTIETH STREET near Harrison St.

SAN FRANCISCO, CALIF.

FRESNO, Fresno Co., Cal.—Cary Safe Co., Fresno, at $461 submits low bid to Board of Education for fur. fireproof safe or cabinet. Other bids were: W. Bruce Watt, Bakersfield, $770.45; Safe Cabinet Co., $598.25; Healy Desk Co., $621.13; Rucker-Fuller Desk Co., $649.45; M. G. West Co., $733.34. Five latter bidders of Fresno. Al bids taken under advisement. L. L. Smith, Secretary of Board.

PORTLAND, Ore.—Hilmer J. Settergren, Builders' Exchange, awarded cont. by school board to erect Chapman school. Other contracts are: Alaska Plumbing & Htg. Co., heating and ventilating, $20,655; Rushlight & Hastorf, plumbing, $41,655; F. H. Ne Page Co., electric work, $5696. F. Manson White, Sherlock Bldg., Portland, is the architect.

TUSTIN, Ariz.—Until 8 P. M., April 30, bids will be received by trustees of the Tustin school district, Orange county, for additions and alterations to the new grammar school building, and for the construction of a new garage building. Plans and specifications prepared by Architect H. Newton Thornton, A. I. A., suite 316 Hill Bldg., Santa Ana. Deposit of $10 required on plans. Contr. documents prepared by Mott M. Marston, architect, 140° Stock Exchange Bldg., Los Angeles. Cert. chk. or bond, 5%. Separate bids will be received as follows: 1. General constr., complete alterations and additions to old grammar school building. 2. General constr., complete alterations and additions to new grammar school including plumbing. 3. General constr., complete new garage building, including plumbing. 4. Heating, complete to alterations and additions to old grammar school building. 5. Heating complete to alterations and addition to new grammar school.

LOS ANGELES, Cal.—Reed Bros., 206½ S. Broadway, were low bidders at $64,500 on the general contract for erecting a new building at Wilton Pl. school site. Low bidders on other contracts were: E. W. Cowell Co. on plumbing at $2998; and H. H. Mann on painting at $1398. Plans by architectural dept. of the Board of Education, Edgar H. Cline, Architect.

LOS ANGELES, Cal.—L. A. Planing Mill Co., 1812 Industrial St., was probably the lowest regular bidder at $316,580 on the general contract for erecting the new Wilshire Juinor High School buildings at Wilshire Blvd and Highland Ave. Bavin &Burch submitted a bid which read $228,795 but claim that a mistake was made in typing the bid form and that the amount should have been $328,795 which is indicated by the fact that the bid bond was for an amount sufficient to cover $350,000 bid. Low bidders on the other contracts were: W. S. Goodrich on plumbing at $17,400; Thos Haverty Co. on heating at $5560 and Leo H. Hubbert on painting at $5930. Plans were prepared by the architectural dept. of the board of education, Edgar H. Cline, architect. Buildings will be of brick construction. The bids were: **General Contract**—Bavin & Burch, $223,795; L. A. Planing Mill Co., $316,580; Wm. Stacko, $317,000; K. R. Bradley Constr. Co., $324,700; North Pacific Constr. Co., $338,775; Davis Constr. Co., $356,750. **Plumbing**—W. S. Goodrich, $17,400; H. E. Murray, $19,800; G. C. Sutton, $20,369. **Heating and Ventilating**—Thos. Haverty Co., $5560; Munger & Munger, $5969; J. Hokom, $6041; L. Z. Brown, $6117; Western Engr. & Constr. Co., $6180; W. W. Brooks, $6200. **Painting**—Leo H. Hubbert, $5930; H. H. Mann, $6248; Arenz-Warren Co., $7330; Alhambra Wall Paper & Paint Co., $7394; Robert P. Tuttle Co., $7885; E. A. Lindgreen, $8976; E. Drawbaugh, $3200; Morgan-McCarthy Paint Co., $9825.

YREKA, Siskiyou Co., Cal.—One bid received by Siskiyou Union High School District to const. high school at McCloud was rejected. Three other bids received by mail were not considered as delivery was not made at time set for opening of bids. New bids have been ordered received to be opened May 5. **See call for bids under official proposal section in this issue.**

PORTLAND, Ore.—Until April 21, bids will be rec. by City School Board of a 10-room unit of 20-room Laurelhurst school; two-story and basement brick. Will contain auditorium, manual training and home economics depts., etc. Claussen & Claussen, Macleay Bldg., Portland, Architects.

PORTLAND, Ore.—Until April 25, bids will be rec. by R. E. Fulton, School Clerk, E-7th and Clackamas Sts., to erect Gregory Heights School. Richard Martin Jr., Architect(455 Hassalo St., Portland. Will contain 12 classroooms and auditorium; two-story, concrete with brick exterior; est. cost, $175,000.

OAKLAND, Cal.—Bids were opened on April 16th by J. W. Edgemond, secretary of the Oakland Board of Education for slate blackboards in the Susan B. Anthony school and for the plastering of the exterior concrete work for Theodore Roosevelt high school. Bids were taken under advisement.

Blackboards

Rucker-Fuller Desk Co., S. F. $1672
C. F. Weber Co., S. F. $1710.50

Plastering

Geo. Dixon, Oakland $3100
A. Knowles, S. F. 3594

TUCSON, Ariz.—Pres. C. H. Marvin, of the University of Arizona, announces that plans for the new $250,000 library bldg. are under way and construction will start not later than July 1. The bldg. will have capacity for 500,000 volumes and will be of brick constr., conforming to the present university buildings.

OAKLAND, Cal.—On April 12 bids were rec. by E. K. Sturgis, city clerk, for fur., del. and laying Battleship linoleum and cork carpet in public bldgs. for remainder of fiscal year 1922-23:
(A) U. S. battleship brown linoleum ¼ inch, (AA) laying; (B) U. S. battleship linoleum 3/16 inch, (BB) laying; (C) cork carpet ¼ inch, (CC) laying; (D) cork carpet 3/16 inch, (DD) laying. Anderson Carpet House, 519 13th St., Oakland, (A) $2, (AA) 25c, (B) $2, (BB) 25c, (C) $1.75, (CC) 25c, (D) $1.60, (DD) 25c.
Van Fleet-Freear Co., 61 New Montgomery St., S. F., (A) $2.20, (AA) 70c, (B) $1.72, (BB) 70c, (C) $1.63, (CC) 70c; (D) $1.50, (DD) 70c.
Bids were taken under advisement.
(45864) 1st report April 7, 1923.

BANKS, STORES & OFFICES

Plans Being Prepared — Contract Awarded.
STORE & LOFTS Cost, $100,000
OAKLAND, Alameda Co., Cal. E Franklin St. — N 17th St.
Three-story basement and mezzanine floor Class C store an loft bldg.
Owner—G. B. Hengen.
Designer & Contractor—Fred Muller, Syndicate Bldg., Oakland.

Plans Being Prepared — Contract Awarded.
STORES Cost, $100,000
OAKLAND, Alameda Co., Cal. NW 19th and Broadway.
Two-story and basement Class B store and office building (designed for 8 stories)
Owner—E. C. Lyons.
Architect — Edw. T. Foulkes, Crocker Bldg., San Francisco.
Contractor — Fred Muller, Syndicate Bldg., Oakland.

Plans Being Prepared.
ARCADE BLDG. Cost, $——
SAN FRANCISCO. NE Powell and Sutter Sts.
Seven-story Class A store and arcade building.
Owner—Chamberlain & Proctor.
Architect—Bakewell & Brown, 251 Kearny St., San Francisco.

Plans Being Prepared.
STORE & OFFICE $50,000
OAKLAND, Alameda Co., Cal. SE 19th and San Pablo Avenue.
Three-story reinforced concrete store and office building.
Owner—H. Bercovich.
Architect—E. D. Voorhees, 1829 West St., Oakland.

Plans Completed—Excavation Bids to be Taken Next Week by Owners.
OFFICE BLDG. Cost, $50,000
SAN FRANCISCO. E Powell St. 92½ N Sutter (45 ft. frontage).
Three-story Class C office building.
Owner—Proctor & Chamberlain, Mills Bldg., San Francisco.
Architect — Bakewell & Brown, 251 Kearny St., San Francisco.
All bids will be taken by the owners. A portion of the building has been leased to Architect H. H. Gutterson and Ray Coyle, interior decorator.

Contracts Awarded.
OFFICE BLDG. Cost, $100,000
LOS BANOS, Merced Co., Cal. 6th and Eye Streets.
Two-story Class A concrete bank and office building.
Owner—Bank of Los Banos (Miller & Lux).
Architect—W. H. Winner Co., Sharon Bldg., San Francisco.
Supt. of Constr.—M. M. Finlayson, Los Banos.
Plumbing, heating and ventilating and sheet metal work to Hoffman & Rhein of Modesto.
Structural steel to Michael & Pfeffer, 1415 Harrison St., San Francisco.
Glass to Tyre Bros. of Fresno.
Reinforcing steel to Kyle Co., Call Bldg., San Francisco.
Electrical work to Westside Elec. Co. of Los Banos.
Roofing to Jones Bros. Asbestos Supply Co., of San Francisco.
Mill work, carpentry work, cement, lumber, etc., to be furnished by Miller & Lux yards.
Marble and tile work, etc., not let.

Plans Being Prepared.
STORE Cost, $75,000
SAN FRANCISCO. Twelfth Ave. and Clement St.
Three-story Class C store and office building.
Owner—Withheld.
Architect—Morrow & Garren, Chronicle Bldg., San Francisco.

Sub-Figures Being Taken—Bids Close March 27, 1923.
STORES & OFFICES Cost—
SACRAMENTO, Sacramento Co., Cal., SW 10th and J Sts.
Thirteen-story class A reinforced concrete store and office building.
Owner—California State Life Insurance Company.
Engineer—H. J. Brunnier, Sharon Bldg., San Francisco.
Architect—Geo. C. Sellon & Co., Mitau Bldg., Sacramento.
Contractor — Lindgren Co., Monadnock Bldg., San Francisco.
Mechanical Engineers—Leland & Haley Holbrook Bldg., S. F.
Sub-Figures are being taken for marble work, painting and roofing.
The ornamental iron work has been awarded to The Federal Ornamental Iron Works of S. F.
Mill work awarded to Hollenbeck & Bush Planing Mill Co., Sarah & Lorena Sts., Fresno.

Segregated Figures Being Taken.
ALTERATIONS Cost, $10,000
SAN FRANCISCO, NW Bush and Battery streets.
Alterations to brick store building.
Owner—Withheld.
Architect—A. H. Knoll, Hearst Bldg., San Francisco.
Figures are being taken on the carpentry, plastering, glass, marble work, etc.

Contract Awarded.
STORE Cost $30,000 approx.
SAN FRANCISCO, N Howard 175 E Seventh St.
One-story and mezzanine floor concrete store.
Owner—S. F. Branch of H. Mueller Mfg. Co., 635 Mission St., S. F.
Architect — Geo. W. Kelham, Sharon Bldg., San Francisco.
Contractor—Fennell & Chisholm, 180 Jessie St., San Francisco.

Contract Awarded.
ADDITION Cost, $6000
SAN FRANCISCO, 354 11th St.
Raise 2-story frame flats and add 2-stores and apartments.
Owner—Sol F. Meyer.
Architect—O. R. Thayer, 110 Sutter St. San Francisco.
Contractor—H. J. Kcneally, 2175 Green St., San Francisco.

Plans To Be Prepared.
BUILDING Cost, $45,000
SAN FRANCISCO, N Pine St. 45 W Kearny.
Four-story and basement concrete bldg.
Owner—Louis R. Lurie, 315 Montgomery St., S. F.
Architect—Not selected.

Preliminary Plans Being Prepared.
OFFICE Cost, $200,000
OAKLAND, Alameda Co., Cal., Broadway.
Four-story reinforced concrete office.
Owner—Withheld.
Architect—Schirmer-Bugbee Co., Thayer Bldg., Oakland.

Steel Contract Awarded.
STORE & OFFICE Cost—
SAN FRANCISCO, W Sansome St., bet. Pine and California.
Six-story reinforced concrete store and office building.
Owner—T. C. Kierulff, Balboa Bldg., San Francisco.
Architect — Benj. G. McDougall, 381 Bush St., San Francisco.
Contract for approximately 175 tons has been awarded to The Ralston Iron Works, 20th and Indiana Sts., S. F. Bids were as follows:

	Stock per ton	Mill per ton
Ralston Iron Works	$145	$130
Judson Iron Works ..	147.50	135
Central Iron Works.....	148	..
Western Iron Wks....	152.50	137.50
Herrick Iron Wks.....	153.60	132.40

GLENDALE, L. A. Co., Cal.—Baker Iron Works has been awarded a cont. at $63,590 for fur. and erecting the struc. steel for the 6-sto. and basement class A bank and office bldg. to be erected at Glendale for the Security Trust & Savings Bank. The contract for furnishing the terra cotta was awarded to the Tropico Potteries, Inc., L. A., at $34,500. Alfred F. Priest, 719 Fay Bldg., L. A., archt.

VISALIA, Tulare Co., Cal.—Carpenters' Union of Visalia has purchased site with 66-ft. frontage in Acequia St. adjoining the Masonic temple and will start construction on Sept. 1, of three-story reinforced concrete store, office and club building with provisions for halls for general meeting purposes. The structure will cost approx. $100,000

LOS ANGELES, Cal.—Wm. A. Larkins, 325 Title Insurance Bldg., was low bidder at $135,500 on the general contr. for erecting a 2-story class C brick store and office bldg. at s.e. cor. Wilshire and Vermont Aves. for A. H. Busch. Curlett & Beelman, 408 Union Bank Bldg., archts. It will be 150x175 ft., and will contain 11 stores and 40 offices; brick walls, pressed brick and terra cotta facing.

SEATTLE, Wash. — Architect Chas. Haynes, Melhorn Bldg., has awarded a contract to the Warrack Construction Co., of Seattle for a 2-story and basement reinforced concrete markct to be erected at s.e. cor. Westlake Ave. and Virginia St.; est. cost $100,000. Will be leased to Farmers' Public Market Co.

LOS ANGELES, Cal.—The First National Bank has leased the property occupied by Desmond's store adjoining the Pacific Southwest Trust & Savings Bank property at the northwest corner of Sixth and Spring Sts., and will erect a 12-story and basement Class A building on the site. The building will be designed for bank and office purposes and will harmonize with the present Trust & Savings building. It will be 60x165 ft., steel frame constr., terra cotta facing. Curlett & Beelman, 408 Union Bank Bldg., are the architects.

LOS ANGELES, Cal.—Architect Albert C. Martin, 430 Higgins Bldg., has been commissioned to prepare plans and specifications for a five-story and basement Class A mercantile building to be erected on the east side of Broadway adjoining the Story Bldg., for the First National Bank. The building will be occupied by Desmond's store. It will be designed for 12-story. Dimensions, 62x154 ft., steel frame constr., brick filler walls, terra cotta. The building and equipment will cost about $500,000.

HANFORD, Kings Co., Cal.—F. M. Isaacs, Hanford, is having plans made for a two-story brick store and office building to be erected at Irwin and Eighth streets. Tenants occupying site have been ordered to vacate.

OAKLAND, Alameda Co., Cal. — The following contracts have been awarded in connection with the construction of a 17-story class A bank and office building on the E Broadway 55 N 12th St. in Oakland for the Oakland Bank Plans were prepared by Architects Reed and Corlett, Oakland Bank of Savings Bldg., Oakland. P. J. Walker Co., Sharon Bldg., S. F., has the general contract.

Glazing awarded to Tyre Bros., Glass Co., 668 Townsend St., S. F., $13,185.

Skylight (except glass) to Forderer Cornice Works, 269 Potrero Ave., San Francisco.

Hollow metal doors and trim (except elevator) to Forder Cornice Works, 269 Potrero St., San Francisco $5873

Sheet metal work to East Bay Sheet Metal Works, 223 Bdwy, Oakland.

SEATTLE, Wash.—Puget Sound Engineering and Const. Co., Lowman Bldg. at approx. $250,000 awarded contract by Bigelow Bldg. Co. to erect 8-story and basement steel and concrete, 60 by 120 ft. office and store bldg. at n.w. 4th avenue and Pike St. Will have pressed brick and terra cotta exterior. Lawton and Moldenhour, architects, Alaska Bldg., Seattle.

THEATRES

Plans To Be Prepared.
THEATRE Cost—
SAN FRANCISCO.
Class A theatre.
Owner—Alex Pantages, San Francisco.

ARCADIA, L. A. Co., Cal.—California Realty & Finance Co., 300 Cons. Realty Bldg., is having plans prepared for a 2-story brick store, theatre and apt. bldg. to be erected at n.e. cor. of 1st Ave. and Huntington Dr., Arcadia, for Mrs. Stewart Cowhan. Dimensions, 150 by 150 ft., 11 stores, theatre to seat 700; 12 apts., brick constr.; $100,000.

LOS ANGELES, Cal.—Architect Otto H. Neher, 210 Marsh-Strong Bldg., has prepared preliminary plans for a Class A 12-story and basement theatre and office building to be erected on the west side of Olive St., bet. 7th and 8th Sts., for Senator Dwight Hart. There will be a theatre auditorium to seat 1100 people and the upper stories will be subdivided into offices. The construction will be of reinforced concrete. The cost is estimated at $750,000. Dimensions, 85x165 feet.

HUNTINGTON BEACH, Orange Co., Cal.—Archt. M. Eugene Durfee, 5 Cassou Bldg., Anaheim, is preparing plans for a modern theatre, hotel and store bldg., to be erected in Huntington Beach for R. L. Obarr, druggist, and his associates, in the Huntington Beach Investment Co. The bldg. will be 2-sto. 107½x150 ft. cor. Fifth and Orange Sts. and will contain theatre seating 900, and 9 stores in the ground floor, with hotel above. The bldg. will have brick exter. with Spanish tile coping and ornamental iron work in front, including a marquise over hotel and theatre entrances and balconies. Est. cost, $80,000. Further information regarding the work, financial arrangement, etc., may be obtained from William J. Elliott, secy. of the company, Huntington Beach.

ELSINORE, Riverside Co., Cal. — Archt. Robt. H. Orr, 1305 Corp. Bldg., L. A., has completed plans for a store and theatre bldg. to be erected at Elsinore for L. J. Massie. Dimensions, 50x100 ft., 4 stores and theatre auditorium; reinf. conc. walls, stucco exter., rf. trusses.

WHARVES & DOCKS

Plans Being Figured.
STORE & LODGE Cost, $18,000
OAKLAND, Alameda Co., Cal., Grand Ave., near Santa Clara.
Two-story reinforced concrete and frame store and lodge building.
Owner—Withheld.
Architect—Schirmer-Bugbee Co., Thayer Bldg., Oakland.

LOS ANGELES, Cal.—Harbor comm. is preparing plans for a $50,000 wharf to accommodate the business of the Crump-Steele Co., which proposes to establish a tank farm and oil distributing station on a 20-acre site at the upper end of Mormon Island in the Inner Harbor dist.

MISCELLANEOUS BUILDING CONSTRUCTION

Contract Re-Awarded.
POST OFFICE, ETC. Cost, $——
REDDING, Shasta Co., Cal. California and Tehama Streets.
Two-story and basement, reinforced concrete post office (2) stores and (23) offices, 80x140 ft.
Owner—Attorney R. J. Anderson, Redding, representing owner, Mrs. Sarah J. Hill-Ward.
Architect—C. C. Dakin, 2961 Pine St., Berkeley.
Contractor—Herndon & Finnigan, 1814 17th St., Sacramento.
The Hart Constr. Co., of Gerber, withdrew from their contract.

Contractors Taking Sub-Figures.
GARAGE & DAIRY Cost, $150,000
SAN FRANCISCO, S McAllister 137-6 W Octavia.
One and 2-story steel and concrete garage and dairy bldg.
Owner—Ogden Mills, Mills Bldg., S. F.
Architect—John Reid Jr., 1st Natl Bk. Bldg., San Francisco.
Lessee—Millbrae Dairy Co.
Contractor—H. C. Vensano & Co., 58 Sutter St., S. F.
As reported before, the structural steel and cast iron has been awarded to The Foundation Co., 58 Sutter St., at $23,194.

BERKELEY, Alameda Co., Cal.—The following bids were received on April 10th by the Regents of the University of California, for the completion of the Memorial Stadium in Strawberry Canyon in Berkeley. The work includes concrete, timber and carpentry, metal work, painting, electric work, plumbing, sewers and water supplies, grading and teaming, paving, team houses, fences, gates, etc. Plans were prepared by a commission composed of E. E. Carpenter, Geo. F. Buckingham and John Galen Howard, University of California, Berkeley, with offices in the Crocker Building, San Francisco.
Clinton Construction Co., 926 Folsom St. San Francisco, Item (1) $511,740, (2, 3, 4) $..
Lange and Bergstrom, San Francisco, $565,000, (2) $624,500, (3) $635,000, (4) $695,000.
Schuler & McDonald, Oakland (1) $593,700, (2) $611,423, (3) $627,170, (4) $648,370.
Reilly & Nemetz, San Francisco, (1) $629,530, (2) $664,230, (3) $635,330, (4) $669,763.
Bids were taken under advisement.

BAKERSFIELD, Kern Co., Cal.—See "Schools" this issue. Kern County Union High School District athletic quarters and grandstand.

STOCKTON, San Joaquin Co., Cal.—Until May 8, 11 A. M., bids will be rec. by Eugene D. Graham, County Clerk, to constr. cow barn, sheep barn and machinery exhibit buildings at San Joaquin county fair grounds. Wright & Satterlee, architects, Bank of Italy Bldg., Stockton. Cert. check 10% payable to Chair. Bd. of Sups. req. Plans obtained from Clerk on deposit of $10 returnable.

SANTA BARBARA, Santa Barbara Co., Cal.—Snook & Kenyon, Santa Barbara, have the contr. on a percentage basis for erecting three nurses' home bldg. at the Cottage Hospital. Plans were prepared by Archt. Carleton M. Winslow, 1134 Van Nuys Bldg., Los Angeles. It will be of Spanish style architecture, L-shaped, with quadrangle, 2-story, gunite exter., tile rf. The bldg. will contain living rms., reception rms. and 60 sleeping rooms. Cost approximately $85,000.

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Official Proposals

NOTICE TO CONTRACTORS

(Siskiyon Union High School District)

The Board of Trustees of the Siskiyou Union High School invites bids of Contractors for the construction of a High School Building on a site owned by the said district at McCloud, California. Plans and specifications for this building may be obtained at the office of said Board in the High School Building in Yreka. One copy of said plans and specifications will be kept on file in the office of the county superintendent of schools in the county court house and may be consulted there.

Separate bids will be received on different items of construction as they appear in the plans and specifications.

General itemized bids covering the construction of the entire building according to plans and specifications are desired.

The board reserves the right to reject any and all bids.

Certified checks for 10 per cent of the amount bid must accompany all offers of contractors. This is to insure the carrying out of the contract in case it is awarded and will be returned to the successful bidder on completion of bonds required to assure the construction of the building. Checks of unsuccessful bidders will be returned immediately upon the rejection of their bids.

Sealed bids will be received by Leila E. Steele, Secretary, up to **10 o'clock a. m., Saturday, May 5, 1923.** All bids will be opened at this time.

All envelopes containing bids must be marked "Bids For McCloud High School."

BOARD OF TRUSTEES OF THE SISKIYOU UNION HIGH SCHOOL
By LEILA E. STEELE,
Secretary.

NOTICE TO BIDDERS

(Oroville-Wyandotte Irrigation Dist.)

Oroville, California, April 12th, 1923.

Sealed bids will be received by the Board of Directors of the Oroville-Wyandotte Irrigation District at the office of the board, Oroville, California, **until 10 o'clock a. m., May 7, 1923,** for furnishing 10,000 barrels of Portland Cement, about 34,000 pounds of steel bars for reinforcement of concrete, one 42 inch Needle Valve and 42 inch Pipe Outlets, one 18 inch standard Valve and 18 inch Pipe Outlet, and 66,000 feet of lumber. Contract will be let to the lowest responsible bidder

Plans and specifications can be seen at the office of the board, Oroville, California

J. A. WISNER,
Secretary.
Oroville-Wyandotte Irrigation District.

NOTICE TO CONTRACTORS

Sealed bids will be received for the cleaning out and enlarging of drainage canals, laterals and ditches by the Trustees of Reclamation District No. 70 at the office of the District at Meridian, Sutter County, California, up to 10 a. m., on Monday, April 30, 1923, at which time and place the bids will be publicly opened and contracts for the proposed work awarded as soon thereafter as convenient to the lowest responsible bidder. The District reserves the right to reject any or all bids.

The work to be done will be included in two contracts, as follows:

1—The cleaning and deepening of the Main Drainage Canal, approximately 3½ miles, and other incidental work.

2—Cleaning and enlarging of approximately 25 miles of drainage laterals and ditches and other incidental work.

Detail plans, profiles, specifications and proposal sheet may be inspected at the office of Fred H. Tibbetts, District Engineer, 1320 Alaska Commercial Building, San Francisco, or at the office of M. T. Heaton, Resident Engineer, Meridian, Sutter County, California, or may be obtained at the office of Fred H. Tibbetts, San Francisco. Deposit of $10.00 on plans required.

All bids should be accompanied by a certified check, payable to A. Weis, Secretary of the Board of Trustees of Reclamation District No. 70, in an amount equal to ten (10%) per cent of the amount bid as assurance that the bidder will sign the contract and furnish the required bond if he be awarded the contract for the work.

By order of the Board of Trustees of Reclamation District No. 70.

LOUIS TARKE, President.
A. WEIS, Secretary.

> A call for bids published in this section indicates that bids are desired from other than local bidders Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.
>
> Rate: 10 cents per line, per insertion.
>
> All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section

NOTICE TO CONTRACTORS

(Millbrae School District)

Notice is hereby given that the Board of Trustees of the Millbrae School District, San Mateo County, California, will receive bids for the erection of a school building at Lomita Park, in said Millbrae School District, San Mateo County, State of California. The plans and Specifications for the building may be secured by applying to the architects of same, Kuhn & Edwards, at their office, 833 Market St., San Francisco, California The work on said building must be performed according to said plans and specifications and completed in 120 (one hundred twenty) working days from the date of execution of contract for said building. All bids must be accompanied by a certified check for 10% of the amount of the contracts, and the Board of School Trustees reserves the right to reject any or all bids.

Plans and specifications for separate contract for heating of the above mentioned Lomita Park School Building may be obtained from the architects of said building, Kuhn & Edwards.

The bids may be sent to the Clerk of the Board, George J. Davis, at his place of residence, Millbrae, California, **not later than 7:30 o'clock P. M., Monday, April 30, 1923,** or may be delivered to him in person at the Lomita Park School on the same date, up to 8 o'clock P. M., when said bids will be opened and considered by the Board of Trustees of said Millbrae School District.

GEORGE J. DAVIS,
Clerk of the Board of School Trustees
Millbrae School District, San Mateo County, California.

QUANTITY SURVEYOR
and Valuation Engineer
Buildings and Engineering Works
ARTHUR PRIDDLE
693 Mission Street, at Third St.
San Francisco, Calif.
Telephone Douglas 8-4-9-3

NOTICE TO CONTRACTORS

(Nevada State Highways)

Sealed proposals will be received by the undersigned on **May 9th, 1923,** for constructing portions of the State Highway System in Humboldt County as follows:

(1) Bids received until, and opened at 1:30 p. m., for grading, construction of culverts and placing gravel surface between Winnemucca and Toll House.

(2) Bids received until, and opened at 2:30 p. m. for grading, construction of culverts and placing gravel surface between Toll House and Paradise Hill.

Plans may be examined and form of proposal, contract and specifications secured at office of undersigned; may also be examined at the County Clerk's office in Winnemucca, the Division Engineer's office in Las Vegas, Elko or Reno and District office of Bureau of Public Roads, Mills Building, San Francisco, California. Cash deposit of Fifteen Dollars ($15.00) with the undersigned required for copy of plans, which will be refunded on their return in good condition. Bids must be on proposal form of Highway Department, and must be accompanied by a certified check in the amount of 5% of the bid.

Each bidder must accompany his bid with a certificate from a Surety Company, duly authorized to do business in this state, stating that such Surety Company will provide said bidder with a bond in such sum as is required in and in accordance with the provisions of said Specifications, conditioned for the faithful performance of the provisions of the contract and specifications. Right is reserved to reject any or all bids.

GEO. W. BORDEN,
State Highway Engineer.
Carson City, Nevada.

NOTICE TO BIDDERS

(Shady Grove Grammar School Building, Farmington, California)

Notice is hereby given by the Board of Trustees of the Shady Grove School District that sealed bids will be received by the said Board of Trustees, at the Shady Grove Grammar School Building, located in the town of Farmington, up to **eight (8) o'clock on the 27th day of April, 1923,** at which time all bids will be publicly opened.

Said bids shall be for the furnishing of all labor and material and constructing a one-story grammar school building according to plans and specifications prepared by Wright & Satterlee, architects employed by the Board, said bids to be for all work, according to said plans and specifications for said building.

Said building to be located on a site directly west of the present grammar school building.

Each bid must be accompanied by a certified check or certificate of deposit for five hundred dollars ($500.00), made payable to Chas. Ohrt, clerk of the Board of Trustees, and conditioned that the successful bidder shall enter into a contract in accordance with such bid, and file with said Board of Trustees two approved bonds within six days after the acceptance of his bid which bonds shall be conditioned for the faithful fulfillment of the contract entered into and to be done thereunder and for the protection of all persons performing labor or furnishing materials for the construction of said building.

In case the contractor shall fail to execute the required contract or furnish bonds acceptable to the Board within the six days, due notice having been given him, then shall the contractor forfeit all claims to the said five hundred dollars ($500.00), and it shall become the property of the Shady Grove School District.

All bids must be submitted upon forms obtained from the architect,

Contractors must make a deposit of ten dollars ($10.00) with the architects when taking plans and specifications from the office, which amount will be returned to said contractor upon return of the plans in good condition to the office of the architects.

The Board reserves the right to reject any or all bids.

Dated April 12, 1923.

By order of the Board of Trustees,
BERTHA L. GROVES,
BEIDE M. ALDERS,
CHAS. OHRT, Clerk.

NOTICE TO CONTRACTORS

(Kern County Union High School Dist.)

Notice is hereby given that the Board of Trustees, Kern County Union High School District, Bakersfield, California, will receive sealed bids at the office of the board, up to 8 p. m., **of May 7th, 1923**, for furnishing all materials and labor for and the erection and completion of a concrete and steel Athletic Quarters and Grandstand, to be erected on the grounds of said High School District, Bakersfield, California, in accordance with plans and specifications for same on file with the Clerk of said Board and open for the inspection of bidders. Copies of said plans and specifications may be had at the office of Charles H. Biggar, Architect, 405 Bank of Italy Bldg., Bakersfield, California, and the work will be done under his supervision. Deposit of ten dollars required for plans and specifications, same to be returned on receipt of said plans and specifications in good condition, on or before May 2nd, 1923.

Each bid must be accompanied by a certified or cashiers' check or bidder's bond in the amount of at least ten per cent of the amount bid. Such check to be made payable to the Clerk of the Board of Trustees, Kern County Union High School District, and same will be forfeited should successful bidder fail to enter into a contract for said work and furnish bonds satisfactory to said Board of Trustees. Surety Bonds to the amount of 75 per cent of the contract price will be required.

Bids will be received for the work as a whole or segregated as follows:

I. General Contract except Items listed below.

A. Plumbing and Heating.

B. Electric Work.

D. Finish Hardware.

The Board of Trustees reserves the right to reject any or all bids or to waive any informality in any bid received.

By order of the Board of Trustees, Kern County Union High School District, Bakersfield, California, made April 2, 1923.

ERWIN W. OWEN, President.
BOYCE R. FITZGERALD, Clerk.

BIDS WANTED FOR BRANCH HIGH SCHOOL

NOTICE TO BIDDERS

The Board of Trustees of the Lassen Union High School will receive sealed proposals **at or before 8:00 P. M., Wednesday, May the 9th, 1923**, at the office of the Superintendent of Schools, at Susanville, California, at which time and place bids will be opened and read in public, for furnishing the required labor and material for erecting and completing the proposed High School Building at Bieber, California, in accordance with plans and specifications prepared by Chas. N. Coseboom, Architect, Klamath Falls, Oregon.

All bids must be accompanied by a certified check for 10% or more of the amount of proposal. In case this proposal is accepted in whole or in part and the bidder fails to execute a contract for the performance of said work and a bond with sufficient sureties in 50% of the amount of the contract to secure the faithful performance thereof, within 15 days after such acceptance, then this certified check shall be retained by the Board of Trustees of the Lassen Union High School as liquidated damages for the failure to carry out this proposal. Such contract and bond shall be in such form and of such contents as shall be satisfactory to the Board of Trustees of said High School.

All bids to be made out on forms furnished by architect.

Plans and specifications may be obtained from Chas. N. Coseboom, Architect, Klamath Falls, Oregon. A deposit of $10.00 will be required from all contractors receiving plans—said deposit to be refunded when plans and specifications are returned in good condition.

The Board of Trustees reserves the right to reject any or all bids and to waive any informality in any bid received.

By order of the Board of Trustees of the Lassen Union High School, Susanville, California.

ALCESTA LOWE, Clerk.
Dated, April 17th, 1923.

NOTICE TO CONTRACTORS

(Sanitary Sewer System)

Sealed proposals will be received at the office of the Board of Trustees of the Town of Yuba City until **8 p. m., Monday, May 7th, 1923**, at which time they will be publicly opened and read, for construction in accordance with the specifications therefor, to which reference is made as follows:

Sanitary Sewer System Pipe Sewer

Item 1. (Alternative "A")—

For furnishing and laying approximately

3700 feet of 8-inch concrete pipe sewers;
300 feet of 10-inch concrete pipe sewers;
700 feet of 12-inch concrete pipe sewers;
6 manholes;
5 lampholes;
1 automatic flusher.

Item 1. (Alternative "B")

For furnishing and laying approximately:

3700 feet of 8-inch vitrified clay pipe sewer;
300 feet of 10-inch vitrified clay pipe sewers;
700 feet of 12-inch vitrified clay pipe sewers;
6 manholes;
5 lampholes;
1 automatic flusher.

Item 2—

Furnishing and laying approximately 2500 feet of 12-inch concrete pipe for pressure line.

The foregoing quantities are approximate only, and the Board of Trustees does not expressly or by implication, agree that the actual amount of work will correspond therewith, but reserves the right to increase or decrease the amount of any class or portion of the work, as may be deemed necessary or expedient by the said Board.

All bids are to be compared on the basis of the City Engineer's estimate of the quantities of work to be done.

Plans may be seen and forms of proposal, bonds, contract and specifications may be obtained at the office of the City Engineer, Yuba City, California. A charge of $10.00 will be made on each set of plans taken from the office.

No bid will be received unless it is made on the blank form furnished for the purpose.

The Board of Trustees reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the City.

Board of Trustees of the Town of Yuba, California.

C. C. KLINE, Clerk of said Board
Yuba City, April 4th, 1923.

BIDS WANTED FOR SHINGLING

NOTICE TO CONTRACTORS

Sealed Proposals, indorsed "Proposals for Re-roofing Eight Buildings at the Marine Barracks Reservation, U. S. Navy Yard, Mare Island, California, Specification No. 4825," will be received at the Public Works Office, Mare Island, California, until 11 o'clock a. m., May 2, 1923, and then and there publicly opened, for shingling the roofs of eight buildings, designated as "West Barracks" and numbered 342, 344, 346, 348, 350, 352, 366 and 374, all at the U. S. Navy Yard, Mare Island, California. Drawings and Specification No. 4825 may be obtained on application to the Bureau or to the Commandant, Navy Yard, Mare Island, California. Deposit of a check or postal money order for $10.00, payable to the Chief of the Bureau of Yards and Docks, is required as security for the safe return of the drawings and specification. L. E. GREGORY, Chief of Bureau, April 1, 1923.

BIDS WANTED FOR ASSEMBLY BUILDING

(One-story Brick, Concrete and Steel Structure with Tile Roof. Estimated Cost, $40,000)

NOTICE TO CONTRACTORS

Sealed bids will be received by Geo. B. McDougall, State Architect, Chief, Division of Architecture, Forum Building, Sacramento, California, **up to and including 12 o'clock noon, Tuesday, May 8th, 1923**, said bids then and there to be publicly opened and read, for furnishing all plant, materials and doing the work required for the erection and completion of an Asembly Building at the Whittier State School, Whittier, California, in accordance with plans and specifications therefor, copies of which may be obtained on application to the Division of Architecture, State Department of Public Works, Forum Building, Sacramento, California.

Such bids will be received for all work complete and must be submitted on forms prepared and furnished by said Division of Architecture.

Cash, a bidder's bond, made payable to the State of California, or a certified check made payable to the "State Engineer, Department of Public Works" in the sum of at least ten per centum (10%) of the amount of the bid, must be enclosed with each bid.

A deposit of Twenty-five ($25.00) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of plans and specifications to the said Division of Architecture, at Sacramento, California, in good condition.

The Division of Architecture, State Department of Public Works reserves the right to reject any or all bids and waive any informality in any bid received.

All bids must be addressed to Geo. B. McDougall, State Architect, Chief, Division of Architecture, Forum Building, Sacramento, California, and plainly marked on the envelope: "Proposal for Assembly Building, Whittier State School, Whittier, California."

STATE DEPARTMENT OF PUBLIC WORKS, DIVISION OF ARCHITECTURE,
GEO. B. McDOUGALL,
State Architect.
R. M. MORTON,
Director of Public Works.

BIDS WANTED FOR FRAME AND HOLLOW TILE STOREHOUSE

NOTICE TO CONTRACTORS

SEALED PROPOSALS, indorsed "Proposals for Storehouse, Pearl Harbor, Hawaii, Specification No. 4692," will be received at the Bureau of Yards and Docks, Navy Department, Washington, D. C., until 11 o'clock A. M., May 23, 1923, and then and there publicly opened, for two-story storehouse at the Naval Operating Base, (Air Station), Pearl Harbor, T. H. The building will have concrete foundations, frame, floors, roof and loading platform; stuccoed hollow tile curtain walls; hollow tile partitions; steel sash; metal covered doors, built up roofing; electric freight elevators; plumbing system; electric light and power system; and sprinkler system. Drawings and Specification No. 4692 may be obtained on application to the Bureau, to the Commandant, Naval Station, Pearl Harbor, T. H., or to the Commandant, Navy Yard, Mare Island, Calif. Deposit of a check or postal money order for $10, payable to the Chief of the Bureau of Yards and Docks, is required as security for the safe return of the drawings and specification. L. E. GREGORY, Chief of Bureau, March 22, 1923.

The Employment Department of the Holt Manufacturing Co., Stockton, Calif., has openings for those who desire to learn the machinist, coremaker, blacksmith, molder, tool maker and other metal working trades. Complete particulars will be furnished on request.

Engineering News Section

BRIDGES

EUREKA, Humboldt Co., Cal.—Padgett & Kelly, Eureka, at $2825 awarded cont. by supervisors to const. conc. bridge on Arcata Highway at Woods resort and at $1697 to const. bridge on Kneeland Prairie rd. at McCready Gulch.

PORTLAND, Ore.—Bd. of Pub. Wks. preparing spec. for bridge to replace structure in Ford St. on Portland Hta.; est. cost $150,000; ¼ of cost will be paid out of city's bridge fund, ½ by assessment district and ¼ by Portland Rlwy. Light and Power Co.

SANTA ROSA, Sonoma Co., Cal.—Until May 14, bids will be rec. by W. W. Felt Jr., County Clerk, to const. bridges at following points: Station 473 on Santa Rosa-Schelville state highway, station 237 on Santa Rosa-Schelville highway and station 74 plus 96 on the Santa Rosa-Schelville highway.

WILLOWS, Glenn Co., Cal.—Teal and Gay, Orland, at $2100 awarded cont. by supervisors to const. Chrome bridge in Rd. Dist. 3. John Berlinger, at $2315, next low bidder.

OREGON CITY, Ore. — Tobin and Pierce, 912 E-10th St., North, Portland, at $77,545, awarded cont. to const. pudding river bridge near Aurora.

SAN JOSE, Santa Clara Co., Cal.—Supervisors order plans prepared for culvert on Middlefield rd. in Supervisor Dist. 5. Henry A. Pfister, county clerk.

CONTRA COSTA COUNTY, Cal. — Chief of Army Engineers, Washington, D. C., has approved plans of the Rodeo-Vallejo Ferry Co., Ft. of Hyde St., San Francisco, for a cantilever type bridge spanning Carquinez Straits. The structure will cost approx. $4,000,000 and will have 2-main center spans of 1100-ft. each and two approach spans of about 500 ft. each. These, with a pier to be constructed in midstream, will give a total span to the bridge proper of 3350 ft. There also will be about 1000 ft. of viaduct approaching the bridge. Lowest part of structure will be 135 ft. above high water. Main trusses will be 35 ft. apart, giving 30 ft. roadway across bridge. Prof. Chas. E. Derleth, 2834 Webster St., Berkeley, is engineer for project.

SAN JOSE, Santa Clara Co., Cal.—Until May 21, 11 a. m., bids will be rec by Henry A. Pfister, county clerk, to const. 2 bridges on Pacheco Pass rd. (state highway) in Sup. Dist. 1. Plans obtainable from office of county surveyor.

REDWOOD CITY, San Mateo Co., Cal.—John W. Morey awarded cont. by supervisors to const. rein. conc. culvert over Mocha creek on rd. near Leslie Salt Works in 2nd Rd. Dist. Other bids: Lisher & Carrillo, $833; C. B. Cowden, $1382; J. Lindgren, $1147.50.

DREDGING, HARBOR WORKS AND EXCAVATIONS

PHOENIX, Ariz. — Election will be held shortly in Paradise-Verde Irrigation dist. to vote $15,000,000 bond issue for irrigation project affecting 900 land holders and involv. approx. 106,000 ac. E. W. Michael is pres. of the dist.

FRESNO, Fresno Co., Cal.—Passage of the Harris water bill by the state senate, furnishes the legal sanction for const. of the Pine Flat storage dam at Piedra. The 13 dists. to be benefitted by the dam have already completed some of the preliminary engineering features. One of the provisions of the Harris bill provides that each individual dist. may vote to pay its bonded indebtedness as it sees fit. This will permit districts already heavily bonded to start payment of Pine Flat bonds after they have paid off their existing indebtedness.

SANTA ANA, Cal.—Organization of the Newhope drainage dist., Orange county, carried at the recent election; dist. includes 3500 acres. E. R. Stillens will represent Div. 1; C. S. Walker, Div. 2; and J. W. Martin, Div. 3.

LOS ANGELES, Cal.—Until 11 a. m., May 18, bids will be rec. by U. S. Eng. Office, 725 Central Bldg., for dredging Los Angeles Harbor entrance channel.

IRRIGATION PROJECTS

LOS ANGELES, Cal.—Application has been made by the Santa Catalina Island Company, of Avalon, Calif., to const. a rock breakwater extending into the Pacific ocean a distance of 200 ft. from high water line from a point on the east side of Pebble Beach, Santa Catalina Island, Calif., and dist. 6700 ft. from east side of Avalon Bay.

MERIDIAN, Sutter Co., Cal. — Until April 30, 10 a. m., bids will be rec. by A. Weis, secy. Reclamation District No. 70, for (1) cleaning and deepening main drainage canal, approx. 3½-mi. and other incidental work; (2) cleaning and enlarging of approx. 25-mi. of drainage laterals and ditches an dother incidental work. Cert. check 10% payable to secy. req. Plans obtainable from Fred H. Tibbetts, Dist. Eng., 1320 Alaska Commercial Bldg., San Francisco or M. T. Heaton, resident eng., at Meridian. **See cntl for bids under official proposal section in this issue.**

OROVILLE, Tulare Co., Cal.—A. Mitchell, at $9990 submits low bid to Oroville-Wyandotte Irrigation District to construct Oroville lateral, involv. (a) 6 acres clearing, and grubbing, $1.50; (b) 2200 cu. yds earth excavation (ditch grading), $.85; (c) 2200 cu. yds. loose or soft rock, $1.00; (d) 2200 cu. yds. solid rock excav. $1.50; (e) 400 cu. yds. earth excavation (trench grading) $.80; (f) 400 cu. yds. loose rock excav. $1.00; (g) 400 cu. yds. solid rock excav. $1.50; (h) 1000 cu. yds. trench backfill, $.40. Total $9980. Other bids were:

Dredge Machinery Co., (a) $1.25, (b) $.75, (c) $1.00, (d) $1.75, (e) $.75, (f) $1.00, (g) $1.50, (h) $.25; total $10,000.

J. M. Deluca, (a) $1.60, (b) $1.14, (c) $1.14, (d) $1.14, (e) $1.25, (f) $1.25, (g) $1.25, (h) $.50; total $10,424.

S. J. Morris, Oroville, ch. eng. for district.

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SONORA, Mexico—See "Reservoirs & Dams," this issue.

CARDIFF-BY-THE-SEA, Cal.—Until 10 a. m., April 25, bids will be rec. by San Dieguito Irrigation Dist., Cardiff-By-The-Sea, San Diego county, to const. main trunk pipe line as a conduit for the supplly of water to the dist., together with the necessary trenching, trestles and fittings, gate vales, etc. Work to be done includes 10 mi. of trench; approx. 10 mi. wood stave pipe, or as an alternate, riveted steel pipe; gate valves, blowoff valves, air valves, etc.; 450 ft. pile trestle, across Escondido Creek to carry a 26-in. pipe; furnishing of various laterals ranging in size from 12-in. to 2-in. pipe. Alternate bids will be rec. on machine banded woodstave, riveted steel, standard pipe and casing. T. H. King, engr., 920 8th St., San Diego.

LIGHTING SYSTEMS

LOS ANGELES, Cal.—Electric Lighting Supply Co., 214 W 3rd St., submitted low bid to Bd. Pub. Wks. at $21,141.15 to const. ornam. light sys. in 16th St., bet. Figueroa St. and 40 ft. w of Hoover St. Other bids were: H. H. Walker, $25,979. C. W. Sparks, $27,128; Newberry Elec. Corp., $27,750; A. C. Rice, $28,957; Butte Electric & Mfg. Co., $36,000.

Newbery Elec. Corp., 724 S Olive St., low bidder at $52 928 to const. ornam. light sys. in Washington St., bet. Main St. and 53.4 ft. w of Vermont Ave. Other bids were: H. H. Walker, $53,663; C. W. Sparks, $54,875; Electric Lighting Supply Co., $63,629.70; Butte Electric & Mfg. Co., $69,742. Bid by A. C. Rice without bond, not declared.

C. W. Sparks, 433 San Fernando Bldg. low bidder at $1637 to const. ornamental light sys. in Plymouth Blvd., bet. Beverly Blvd. and First St. Other bids were: H. H. Walker, $1786; A. C. Rice, $1778; Butte Elec. & Mfg. Co., $2500; Electric Lighting Supply Co., $2008.94.

MODESTO, Stanislaus Co., Cal.—City Council, L. A. Love, clerk, appropriates $5550 to purchase electrical equipment, consisting of 2 carloads of poles; one carload of conduit; 35 cross-arms or cross-irons for suspension of street lights. Bids will be asked immediately for this equipment.

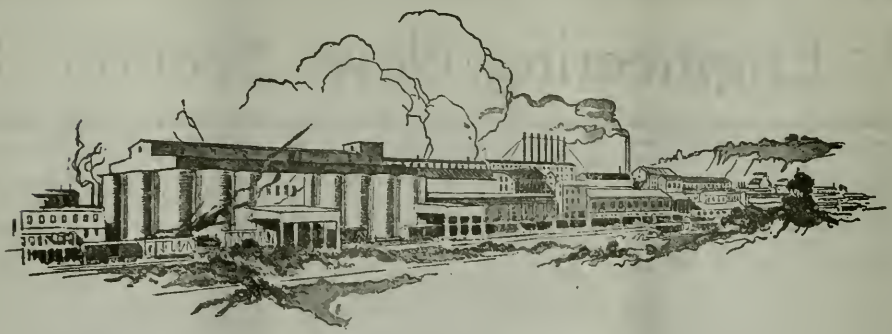
OILDALE, Kern Co., Cal.—Chas. K. Badger, electrical engineer, commissioned by Oildale Improvement Club to submit estimates of cost to install electrolier system.

REDLANDS, Cal. — Council declares int. to const. ornam lighting sys. on 4th St., bet. Vine St. and Cypress Ave., involv. 45 posts and in Buena Vista St., bet. Brookside and Fern Aves., involv. 34 posts. 1911 Act. C. P. Hook, city clk.

MODESTO, Stanislaus Co., Cal.—City council petitioned to pave and install electroliers in Hackberry St., bet. Needham and Stoddard and Stoddard and Morris Sts. Taken under advisement.

DINUBA, Tulare Co., Cal.—See "Waterworks," this issue.

FRESNO, Fresno Co., Cal. — Until May 3, 3:30 p. m., bids will be rec. by R. Y. St. George, city clerk, to install 99 electroliers with conduits and appurtenances in portions of Van Ness Blvd. Moroa Ave., etc. 1911 Act. Cert. check 10% payable to city req. Wm. Stranahan city engineer.



If you couldn't get cement

MOST of the country's construction projects, large and small, would quickly stop if you couldn't get cement.

Most work could not even start without cement for foundations.

With this in mind let's see where the cement industry stands today.

Last year the country used over 460,000,000 sacks of portland cement. Capacity to manufacture was nearly 600,000,000 sacks.

Cement cannot be made everywhere, because raw materials of the necessary chemical composition are not found in sufficient quantities everywhere.

It is now manufactured, however, in 27 states, and there are 117 plants—some one or more within easy shipping distance of nearly every part of the country.

Conservative estimates place the capital invested in the cement industry at $300,000,000, and value of output for the last 5 years at $860,000,000.

Capital requirements are large—turnover is slow—on an average less than 3 times in 5 years.

Providing an adequate cement supply has involved a good deal in costly experience.

159 cement plants have been built, most of them in the last 25 years—166 others went through some stage of construction or financing; only 117 have survived the financial, operating and marketing hazards of that period.

The capacity of these plants is 30 per cent greater than the record year's demand.

PORTLAND CEMENT ASSOCIATION

A National Organization
to Improve and Extend the Uses of Concrete

Atlanta	Des Moines	Los Angeles	Parkersburg	San Francisco
Boston	Detroit	Milwaukee	Philadelphia	Seattle
Chicago	Helena	Minneapolis	Pittsburgh	St. Louis
Dallas	Indianapolis	New Orleans	Portland, Oreg.	Vancouver, B. C.
Denver	Kansas City	New York	Salt Lake City	Washington, D.C.

MACHINERY & EQUIPMENT

SAN JOSE, Santa Clara Co., Cal.—Until May 7, 11 a. m., bids will be rec. by Henry A. Pfister, county clerk, for fur. one double drum electric driven hoist to operate a 4-yd. drag line scraper for county rock quarry. Spec. obtainable fro mcounty surveyor.

FULLERTON, Cal.—Until 7:30 p. m., May 1, bids will be rec. by city clerk fo 2 or 3½-ton motor truck, dump body for same, bids to be separate, and for track laying tractor not to exceed $2500. F. C. Hezmalhalch, city clk. Cert. check 10%.

SAN JOSE, Santa Clara Co., Cal.—Artana-Geoffroy Co., Santa Clara and River Sts., San Jose, at $877 awarded cont. by supervisors for fur. one No. 1-A Hell Hydro Hoist No. 5 with all steel drum body, 4-yd. with double acting tail gate, installed on Liberty truck. Modern Vehicle Co., bid $1028.

SAN JOSE, Santa Clara Co., Cal.—Spears-Wells Machinery Co., 180 Jessie St., San Francisco, at $2580 f. o. b. San Jose, awarded cont. by supervisors for fur. one 6-ton tandam roller, gas motor driven with heavy duty drive, 2-cylinder opposed engine, steel rolls and water spray, bearing on rear roll at least 200 per lin. in. of width: Austin-Western Rd. Mach. Co., bid $4200.

NAPA, Napa Co., Cal.—L. J. Alexander Co., operating rock quarry, has secured large contracts from Government and plans to install rock crushers and other equipment.

BAKERSFIELD, Kern Co., Cal.—Until May 7, 7:30 p. m., bids will be rec. by Kern County Union High School District for fur. one or more trucks for transportation of students, with body and chassis constructed as per plans on file with trustees. E. W. Owen and B. R. Fitzgerald, trustees of dist.

LOS ANGELES, Cal.—At 11:30 a. m., April 30, supervisors will sell at auction to the highest bidder for cash one Big Marion steam shovel, which may be seen and inspected at 329 S Alameda St., Azusa. A. M. McPherson, deputy county clerk.

LOS ANGELES, Cal.—Until 10 a. m., May 4, bids will be received by harbor comm., 312 Byrne Bldg., for steam hoisting engine and boiler. Spec. 466. Guy W. Wade, secretary.

RAILROADS

SAN MATEO COUNTY—According to reports in San Mateo county, the Market Street Rlwy. Co., Holbrook Bldg., San Francisco, contemplates extensions of its lines into Redwood City, San Mateo county and Palo Alto, Santa Clara county.

MEADOW VALLEY, Plumas Co., Cal.—W. C. Robinson, Toll Gate, Calif., awarded cont. by Spanish Peak Lumber Co. to construct 2-mi. extension to logging railroad.

MARSHFIELD, Ore.—Western White Cedar Co., will const. stand. gauge r.r. on Dement Creek, in southern Coos county; 2½-mi. long; est. cost $40,000.

SPOKANE, Wash.—Spokane International Rlwy., E. S. McPherson, vice-president and general mgr., plans improvements totalling $170,000. Largest single item of program is reconstruction of tunnel north of Bonners Ferry, to cost $75,000. Other improvements consist of telegraph line, $10,000; ballasting, $35,000; general maintenance $50,000.

CALIFORNIA—Atchison, Topeka and Sante Fe Rlwy. applies to R.R. comm. for permit to const. spur track in and along Eye St., and across 10th St. in San Bernardino.

S. P. Co. seeks permit to const branch line track crossing 34 county roads, extending from Calapatria east and south on the north boundary of the Pepper Road in Imperial county.

SAN FRANCISCO — Public Utilities Committee of Bd. of Supervisors recommends early const. of extension to Muny Rlwy. system over Masonic Ave. The Mayor has authorized the committee to enter into a contract with the Market St. Rlwys. for use by the city of its tracks and overhead lines for 3 blocks in Masonic Ave. This is preliminary move to actual const. of extension, estimated to cost $250,000.

OAKDALE, Stanislaus Co., Cal.—S. P. Co. granted franchise by city trustees to const. 1100 ft. of sidetrack crossing B. C and D Sts.

FIRE EQUIPMENT

FULLERTON, Cal.—Until 7:30 p. m., May 1, bids will be rec. by city trustees for triple combination chemical hose truck and pumper, weight of machine not to exceed 6000 lbs., f. o. b. fullerton. Cert. check 10%. F. C. Hezmalhalch, city clerk.

MADERA, Madera Co., Cal. — City trustees vote to purchase 1000 ft. Paragon fire hose.

MISCELLANEOUS SUPPLIES

SACRAMENTO, Cal.—Until April 30, 5 p. m., bids will be rec. by Chas. J. Hughes, secy. Bd. of Education, Rm. 300, City Hall, for sale and delivery of lumber in quantities f. o. b. new high school, 35th and V Sts. and school shop, 1012 Eye St. Cert. check 10% payable to secy. req. Lists of materials desired obtainable on request.

MODESTO, Cal.—See "Lighting Systems," this issue.

SAN JOSE, Santa Clara Co., Cal.—Chairman of Bd. of Supervisors has been authorized to sell copper wire no longer required for county use.

OROVILLE, Bute Co., Cal.—Until May 7, bids will be rec. by J. A. Wisner, secy., Oroville-Wyandotte Irrigation District for fur. 10,000 bbls. Portland cement; 34,000 lbs. steel bars for rein. concrete; one 42-in. Needle valve and 42-in. pipe outlets; one 18-in. stand. valve and 18-in. pipe outlet and 66,000-ft. lumber. S. J. Norris, Oroville, ch. eng., for dist. **See call for bids under official proposal section in this issue.**

FULLERTON, Cal.—Until May 8, bids will be rec. by Fullerton Union High School, Wanda L. Jackson, secy., for the sale of two 30 h. p. water tube boilers, 2 small steam pumps, 1 small elec. pump, valves, pipes, etc. This equipment may be inspected at grounds of the high school. Cash or cert. check 5% of bid required.

PORTLAND, Ore.—Until April 20, 2 p. m., bids will be rec. by S. C. Pier, City Purchasing Agent, for fur. 3300 ft. rubber garden hose for Municipal Store. Cert. check 10% payable to city required.

SACRAMENTO, Cal.—H. C. Bottorff, city controller, will sell at public auction, May 8, 10 a. m., the following materials: 185 pieces 40-ft and 74 pieces 50-ft long steel piling; 6 pieces 40-ft. long fabricated steel tees; 1 piece 50-ft. long fabricated steel ell. Piling is what is known as Lackawanna Steel Piling 14x⅜-in. Arch Web, Section E-14, weighing 40.83 per ft. Above material may be examined at the Sacramento Filtration Plant.

WASHINGTON, D. C.—See "Government and Supplies," this issue.

RESERVOIRS AND DAMS

SANTA BARBARA, Cal.—Montecito county water dist. preparing to erect dam 135 ft. high, 7 mi. north of Gibraltar dam, est. cost $850,000. Source of supply will be Santa Ynez river. The sale of the bonds is being negotiated.

ORANGE, Cal.—Olive Imp. Assn. proposes to enlarge the Olive water facilities. The proposal involves increasing capacity of reservoir from 115,000 to 225,000 gals. and laying 6-in. water main fro mthe reservoir to the "Four Corners." Work will involve approx. 3000 ft. cast iron mains. A committee composed of F. B. Maxwell, E. C. Conger and G. E. Wittever, is investigating.

COALINGA, Fresno Co., Cal. — Bent Bros., 1714 Eagle St., Los Angeles, awarded cont. by Shell Oil Co., to construct 750,000-bbl. earthen reservoir, located in Camp 28, between the Shell Camp at Oilfields and the tank farm.

OROVILLE, Butte Co., Cal.—Lord and Bishop, Napa, aat $58,761 warded cont. by Oroville-Wyandotte Irrigation District, S. J. Norris, ch. eng., awarded contract to furnish labor for Lost Creek Storage Works, the district to furnish all materials with the exception of form lumber. Other bids were: Brown and Stafford, $63,950; Schultz Construction Co., $79,952; Herndon and Finnegan, $80,353; Hart Construction Co., $87,490; Dredge Machinery Co., $88,057; B. B. Boyd, $86,41; Tleslau Brothers, $88,610; Leonard F. Youdall, $104,414; Chas. S. Mabrey Co., $137,416.

NOTE—Complete list of unit bids on file in office of Larsen Construction Reports.

SONORA, Mexico—Quinton, Code & Hill, consulting engineers, Hollingsworth Bldg., Los Angeles, preparing plans for diversion dam and irrigation proect to be const. in the state of Sonora, Mexico, by the Richardson Construction Co., as owner, Van Nuys Bldg. Los Angeles. Dam will be const. at junction of Yaqui and Moctezuma rivers, and will be planned to raise waters 10 ft. This dam will be 3300 ft. long, 12 ft. high and 125 ft. wide; will be of rock fill with conc. paving on top; main works will be built on sand and gravel foundation, while the headworks will be on rock base. The project will involve considerable canal const.; est. cost $1,000,000. Dam and other work will provide irrigation for approx. 600,000 acres.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Further information regarding these opportunities may be had from Domestic and Foreign Trade Department of San Francisco Chamber of Commerce, Merchants Exchange Bldg.:

D-525 — Lovelock, Nev. Concern desires several cases, new or second hand for use in store—kind specified 10-ft. candy cases, & 4-ft. wall cases (cigar).

D-526—Elk Grove, Calif. Party is in the market for a number of drag saws.

6934—Alameda, Calif. Gentleman has for sale a large deposit of white, veined and green marble, located in Mexico. This marble has been tested and found equal to the Italian as building material.

6935 — San Francisco, Calif. British pottery manufacturers are desirous of appointing an agent on the Pacific Slope for the sale of their plain and decorated jet and of Rockingham, Samian and Russett teapots, jugs, etc.

D-527—San Antonio, Tex. Party has has patented rights on demountable rims and desires contact with local manufacturer who might be interested in same. Sketch of patent on file Domestic Trade Bureau.

6939 — Los Angeles, Calif. Japanese gentleman wishes to be put in touch with lumber firms in position to quote prices on lumber for export purposes.

D-522 — Stamford, Conn. Concern manufacturing a line of telephone accessories for radio receiving sets desires representative here in San Francisco.

D-523—Minneapolis, Minn. Manufacturers of Automatic Oil Burner desires distributor for their product in this territory.

6944 — Berlin, Germany. German import-export firm seeks representation in this market, also will act as representative for local houses in Germany.

CD-69—Austin, Tex. Party desires investment submitted worthy of closest scrutiny where has services could be utilized with an investment of from $50,000 to $100,000.

CD-70—Montreal, Canada. Party is inquiring for good business prospects in San Francisco and would like propositions submitted immediately.

CD-71 — Cleburne, Tex. Party with small amount of capital to invest wants business opportunities submitted.

PIPE LINES, WELLS, ETC.

CARDIFF-BY-THE-SEA, Cal. — See "Irrigation Projects," this issue.

SACRAMENTO, Cal.—Until April 26, 9:15 p. m., bids will be rec. by H. G. Denton, city clerk, for fur. 980 ft. 8-in. spun c. i. pipe and 655 ft. 8-in. 14-gauge, slip joint, riveted steel pipe. Bidder to state lump sum for material delivered f. o. b. Sacramento. Cert. check 5% payable to City Comptroller req. with each bid.

SANTA BARBARA, Cal.—City Mgr. Fred Johnston authorized by the council to purchase in the open market 2000 ft. of 8-in. c. i. water pipe.

LONG BEACH, Cal. — Crump-Steele Co., Long Beach, has started work on pipe line from Signal Hill to the Company's loading wharf at Morman Island. It will be an 8-in. line and have a daily capacity of 50,000 bbls. Est. cost, $200,000.

TRACY, San Joaquin Co., Cal.—Sacramento Pipe Works, Sacramento at $1,956.72 awarded cont. by city trustees for fur. 1420 lin. ft. 6-in. black dipped w. i. screw pipe; 1 6-in. black dipped w. i. tee, with 1 4-in. busbing; 4 6x6x4-in. black dipped w. i. cross; 1 6-in. gate valve with sq. shouldered nut top; 1 6x6x4-in. black dipped w. i. tee. Other bids: Joseph Brown, Tracy, $1981.81; Fabian Epunauer Co., Tracy, $2000.73; Sacramento Pipe Wks., Sacramento $1956.72, Pacific Pipe Works San Francisco, $1969.26; Crane Co., San Francisco, $1981.81; Mark Lally Co., San Francisco, $1967.58; Weissbaum & Co., San Francisco, bid $1325.40 for remanufactured pipe.

OROVILLE, Butte Co., Cal. — Redwood Mfgrs. Co., Hobart Bldg., San Francisco, at $11,876.27, submits low bid to Oroville-Wyandotte Irrigation District, S. J. Norris, ch. eng., for fur. 3725 lin. ft. 24-in. syphon for Oroville Lateral; also low bidder to fur. 7 bents, 1 blow-off and 200 sills at $12,251.25. Pacific Tank and Pipe Co., San Francisco, bid $12,245 for syphon and $12,631 for bents, blow-off and sills.

SACRAMENTO, Cal.—U. S. Cast Iron Pipe & Foundry Co., Monadnock Bldg., San Francisco, at $6230 submits low bid to City Comm. for fur. 6000 ft. 6-in. c. i. class B, bell and spigot, water pipe. Other bids: W. P. Horn, $6248; American C. I. Pipe Co., $6600. Taken under advisement.

LOS ANGELES, Cal.—Until 3 p. m., April 24, bids will be rec. by pub. service comm., 207 S Broadway, for c. i. pipe in 12-ft. lengths, as follows: 3100 pcs. 4-in. (403 tons); 440 pcs. 6-in. (88 tons), at Van Nuys; 1250 pcs. 4-in. (1625 tons); 700 pcs. 6-in. (140 tons); 300 pcs. 8-in. 53.5 tons; and 500 pcs. 12-in. (246.25 tons), at Aqua siding. Spec. 659-A. Jas. P. Vroman, secy.

EUREKA, Humboldt Co., Cal.—Until May 1, 5 p. m., bids will be rec. by John Griffith, city supt. of public works, for fur. f. o. b. steamer, dock, San Francisco, 1500 lin. ft. 8-in. class B c. i. pipe. Delivery to be made 60 days after award of contract.

SEWAGE DISPOSAL PLANTS

MANTECA, San Joaquin Co., Cal. — May 8 is date set to vote bonds of $11,000 to finance construction of septic tank for sewage disposal system. E. H. Jeffries, city eng.

RIVERSIDE, Cal.—See "Streets and Sewers," this issue.

WHITTIER, Cal.—See "Sewers and Streets," this issue.

HOLLISTER, San Benito Co., Cal.—May 15 is date set to vote bonds of $48,000 to const. septic tank and extend sewer system.

MARYSVILLE, Yuba Co., Cal.—State Board of Health in communication to City Mgr. Wanzer, recommends improvements to eliminate "disagreeable odors" in vicinity of Feather River near farm. Three remedies are suggested: (1) temporary relief, placing of settling tanks, having life of 5 yrs., est. cost $30,000; (2) sprinkling filters, est. cost $60,000 and (3) activated sludge system to care for 1,000,000 gals. of sewage a day, to cost bet. $60,000 and $70,000.

CORONADO, Cal. — City will vote bonds of $25,000 to const. septic tanks on Spanish Bight. R. V. Orbison, sanitary engr., and city mgr. of South Pasadena has been employed to make a survey of the situation.

FRESNO, Fresno Co., Cal.—Liberty Scavenger Co. Fresno, awarded cont by city council to collect and dispose of city's garbage on 10-year contract. Company, under terms of bid, is required to purchase 40-acre disposal site in Orange Ave. from city for $8000 and pay city $200 per month during life of franchise. The money to pay inspection costs, Company will collect garbage from homes for $.40 per mo. for 30-gals. or less for weekly collection and $.03 for each additional 10-gals. or fraction thereof.

WHITTIER, Cal.—Until 7:30 p. m., April 30, bids will be rec. by city trustees to const. new outfall sewer and sewage disposal works. Plans and spec. have been prepared by Black & Veatch, consulting engrs., Fay Bldg., Los Angeles. Est. cost of work, $98,604.22. C. O. Trueblood, city clerk.

HUNTINGTON PARK, Cal. — See "Sewers and Street Work," this issue.

MISCELLANEOUS CONSTRUCTION

PHOENIX, Ariz. — Arizona Portland Cement Co. will erect a $1,000,000 cem. plant in Phoenix this year. The company owns 1600 acres of land near Winkleman, where raw material for the plant will be mined. Loren C. Barton, Corporation Bldg., Los Angeles, is asst. general manager.

GLOBE, Ariz.—New Dominion Copper Co., will expend approx. $250,000 for development work on the New Dominion mine at Globe. Shafts are being sunk to the 1400-ft. level. Pres. E. W. Mitchell, of New York, is in Globe superintending the work.

MARYSVILLE, Yuba Co., Cal.—City will appropriate approx. $15,000 in budget to provide incinerator. Jas. O. Wanzer, City Mfg.

SAN FRANCISCO—Board of Supervisors postpones definite action regarding construction of proposed Duboce tunnel for 4 weeks. It is expected the Finance, Public Utility and Land and Tunnels Committees will recommend that city pay one-half the cost of construction.

SEATTLE, Wash.—Bd. Pub. Wks. rejects bid of J. A. McEachern Co., Collman Bldg., at $123,668, low bid to construct tunnel under Duwamish Waterway at 1st Ave. south. New bids will be asked.

COMPTON, Cal. — Standard Oil Co. has started work on the construction of four tanks of 20,000 gals. capacity each, on Wilmington St., bet. Orange and Elm. Streets.

OROVILLE, Butte Co., Cal.—Until May 9, 10 a. m., bids will be rec. by J. A. Wisner, secy., Oroville-Wyandotte Irrigation District, for hauling 10,000 bbls. cement; approx. 34,000 lbs. steel bars; one 42-in. needle valve and two 42-in. pipe outlets; one 18-in. stand. valve and 18-in. outlet and other fixtures. Spec. on file in office of secy., S. J. Norris, Oroville, ch. eng. for dist.

WATER WORKS

LONG BEACH, Cal.—See "Sewers & Streets," this issue.

MANTECA, San Joaquin Co., Cal.—May 8 is date set to vote bonds of $75,000 to finance purchase and improvement of privately owned water works to operate as a municipal project. E. H. Jeffries, city eng.

BEVERLY HILLS, Cal.—See "Sewers and Streets," this issue.

SANTA BARBARA, Cal. — Keystone Iron & Steel Wks. awarded contr. by council at $1680 for fur. 24 fire hydrants.

SAN FERNANDO, Cal.—Shinn-Holtz-Lyon Co., Los Angeles, submitted low bid to city trustees at $1325 for deep well pump. Other bids were: Layne & Bowler Corp., $1367; Johnson Pump Co., $1405; Byron-Jackson Iron Wks., $1,583.85; referred to supt. water dept.

SAN BRUNO, San Mateo Co., Cal.—City trustees plan purchase of 300 water meters. National Meter Co. offers to furnish Nash meters at $10.50 each, provided order is placed for 300. Referred to water board for report.

DINUBA, Tulare Co., Cal. — Until April 30, 8 p. m., bids will be rec. by Tom Regan, city clerk, to const. pump house and electrolier sub-station. Friend and Kimzey, architectural designers, 125 North L St., Dinuba. Cert. check 10% payable to city clerk req. Plans obtainable from architects.

VISALIA, Tulare Co., Cal.—J. Sub Johnson, president of Visalia City Water Works is in San Francisco purchasing materials and equipment for extensions to Visalia water system.

PORTLAND, Ore. — Pittsburg-Des-Moines Steel Co., Des Moines, Ia., at $11,475 awarded cont. by Public Dock Comm., to const. 150,000-gal. water tank for Muny Terminal No. 4. Other bids: King Bros. Boiler Works, $12,898; Chicago Bridge and Iron Works, $12,074.

TACOMA, Wash.—City council appropriates $20,850 to replace 12-in. water main in E-11th St. with 16-in. main.

LOS ANGELES, Cal.—Until 3 p. m., May 15, bids will be rec. by public service comm., 207 S Broadway, for water meter connections. Spes. 658.

Bids, same date, for water meters. Spec. 659. Jas. P. Vroman, secretary.

PLAYGROUNDS & PARKS

TURLOCK, Stanislaus Co., Cal.—Architect G. N. Hilburn, Turlock, completing plans for municipal swimming pool, 40 by 100 ft. Construction will include dressing and locker room, diving apparatus, etc.

EUREKA, Humboldt Co., Cal. — Second election will be held in June to vote bonds to finance purchase and improvement of park lands.

SEWERS AND STREET WORK

SANTA CRUZ, Santa Cruz Co., Cal.—W. J. Tobin, 527 Santa Ray Ave., Oakland, at $13,743.75 awarded cont. by council for the Kayne Liebrandt Tracts District Imp., involv. 540.44 lin. ft. 10-in., 166.45 lin. ft. 12-in., 578.41 lin. ft. 15-in., 881.80 lin. ft. 18-in., and 845.42 lin. ft. 24-in. vit. cia ydrain pipe; 119 lin. ft. 12-in. and 185 lin. ft. 18-in. corru metal drain pipe; 20 storm water drain manholes; 3 combination catch basins and manholes; 3 Type No. 1, 12 Type No. 3 and 7 Type No. 4 conc. catch-basins; 2 conc. intake basins; 1 18-in. and 2 24-in. automatic gates; 2 conc. headwalls for automatic gates; 675 bd. ft. extra merchantable r. w. lumber for bracing corru. metal pipe; 294.58 lin. ft. 12-in. vit. clay sewer pipe; 3 12-in. vit. clay wye branches. Other bids were: Chambers and DeGolyer, Oakland, $15,992.52; W. J. Schmidt, Berkeley, $17,622.62; W. E. Miller, Santa Cruz, $20,736.91. Est. of city eng., James K. James, $20,559.33.

BURLINGAME, San Mateo Co., Cal.—Until May 7, 8 p. m., bids will be rec. by J. R. Murphy, city clerk, to const. 6-in. ironstone pipe sewers with 4x6-in. wyes together with lampholes & man-

holes, in Sts. and alleys in the Easton Additions Sub-division, 1911 Act. Carl Torello, city engineer.

REDWOOD CITY, San Mateo Co., Cal. —Peterson & Haywood, Burlingame, at $7956.90 awarded cont. by supervisors to imp. Harrison Ave., from state highway to county hospital near Beresford, 2nd Rd. Dist. Other bids: C. J. Lindgren, $8041.62; T. M. Burns, $8770.14; C. B. Cowden, $8871.79; A. J. Raisch, $8969.40.

CARSON CITY, Nevada.—Until May 9, 1:30 p. m., bids will be rec. by State Highway Comm., to grade, const. culverts and place gravel surfacing in Humboldt county bet. Winnemucca and Toll House.

Separate bids, same date, 2:30 p. m., to grade, const. culverts and place gravel surface in Humboldt county, bet. Toll House and Paradise Hill. Geo. W. Borden, state highway eng. **See call for bids under official proposal section in this issue.**

SAN DIEGO, Cal.—H. H. Peterson, Loma Portal, awarded contr. by council to imp. Robinson Ave. and Curlew St., involv 35,022 sq. ft. 4-in. conc. paving 18.9c ft.; 4818 sq. ft. walk 22c ft.; 919 ft. curb 66c ft.; one 4-in. sewer lateral $30; 4 ft. 18-in. conc. pipe (double strength) $125; 2 conc. inlets, $60.

CHICO, Butte Co., Cal.—T. H. Polk, 511 Second St., Chico, submits low bid to city trustees to imp. The Esplanade: 183,600 sq. ft. 4-in. asph. macadam pave, $.15 sq. ft.; 8,000 sq. ft. conc. gutter, $.30 sq. ft.; 4,000 lin. ft. conc. curb, $.55 lin. ft.; walks and culverts, $3 lin. ft.; angle sidewalks, $3.50 lin. ft.; br. catchbasins, $35 ea. Blumenkranz & Vernon, Stockton, submitted only other bid. Taken under advisement. F. S. Robinson, City Eng.

RIVERSIDE, Cal. — Until 10 a. m., April 24, bids will be rec. by council to const. san. sewer with wye branches manholes, cleanouts, boxes, sludge basins, piling and conc. syphon in various streets. 1911 Act. Cert. check or bond, 10%. C. B. Burns, city clerk, Lee Nafzgar, city engr.

SAN DIEGO, Cal.—G. R. Daley, 4430 Boundary St., submitted low bid to council to imp. 18th St., bet. Broadway and Imperial St., involv. 169,759 sq. ft. 1½-in. asph. conc. paving on 2½-in. bitum. base 17.18c ft.; 28 ft. curb 75c ft.; 350 sq. ft. gutter removed 5c ft.; seven 4-in. cem. conc. sewer laterals $32; nine 6-in. cem. conc. sewer laterals $38.

SAN DIEGO, Cal.—Cushing Constr. Co., 1501 Brookes Ave., submitted low bid to city purchasing dept., at $13,967 to pave Harbor St., bet. Broadway and Market St., with 6-in. cem. conc. Other bids were: W. H. Peterson, $15,482.78; G. R. Daley, $15,588.38; John Engebretsen $16,050.53; California Construction Co., $16,274.96. The work also involved curb and 12-in. corru. iron culvert.

HIGHWAY BIDS WANTED

WOODLAND, Yolo Co., Cal. — Until May 7, 2 p. m., bids will be rec. by H. R. Saunders, county clerk, to const. Prefix 7, Sec. A, Yolo County, Highway System, extending from e. edge of conc. rd. at intersection of Gregory Ave. with Jefferson Blvd. via Gregory Ave. and the traveled rd. to intersection of the crest of River front levee with the crest of the levee bet. Rec. Dists. Nos. 900 and 765, adjacent to Riverview Station and portion of Jefferson Blvd. in Rec. 900, extending from pt. 822 ft. south from intersection of Gregory Ave with Jefferson Blvd. north along Jefferson Ave. for distance of 9400 ft., involving:

Item 1. 6000 cu. yds. earthwork, without classification.

Item 2. 4 lin. ft. corru. metal pipe, 24-inch.

Item 3. 70 lin. ft. corru. metal pipe, 36-inch.

Item 4. 14 cu. yds. Port. cem. conc. Class B (headwalls).

Item 5. 335 lbs. rein. steel bars.

Item 6. 380 cu. yds. crushed rock acceptably compacted in place for repairs to portion of present old conc. base course in Jefferson Blvd. from Sta. 94 to 34.

Item 7 1000 cu. yds. 8-in. Port. cem. conc. base class A, to be used as shoulder in Jefferson Sta. 0 plus 00 plus 22 and Sta. 0 plus 00 to 94 plus 00 and repairs to present conc. base in Jefferson Blvd. from Sta. 0 to 34 and from station 0 to 8 plus 22.

Item 8. 1700 cu. yds. 2-in. to 3-in. min. asphaltic conc. wearing surface, class A along Jefferson Blvd.

Item 9. (Alt. for item 8)—1700 cu. yds. 2-in. to 3-in. min. asphaltic conc. wearing surface, class B along Jefferson Blvd.

Item 10. (Alt. for Item 8) 1700 cu. yds. 2-in. to 3-in. min. asphaltic conc. wearing surface, class C along Jefferson Blvd.

Item 11. (Alt. for item 8) 1700 cu. yds. 2-in. to 3-in. min. Willite pavement.

Item 12. 196,480 sq. ft. asph. conc. pavement, class A, 5-in. 2-course.

Item 13. (Alt. for item 12) 196,480 sq. ft. asph. conc. pavement, class B, 5-in. 1-course.

Item 14. (Alt. for Item 12) 196,480 sq. ft. asph. conc. pavement, class C 5-in. 2-course.

Item 15. (Alt. for item 12) 196,480 sq. ft. Willite pavement.

Item 16. (Alt. for Item 12) 196,480 sq. ft. Port. cem. conc. pavement, class A, 6-in. increasing to 7½-in. in outside 2-ft.

Cert check 10% req. with each bid. Plans obtainable from office of county surveyor at Woodland on deposit of $5, returnable.

WOODLAND, Yolo Co., Cal. — Until May 7, 2 p. m., bids will be rec. by H. R. Saunders, county clerk, to const. Prefix 3, Sec. B, County Highway system, (over Nelson Bridge and joining ends of present pavement), involv:

Item 1. 156 cu. yds earthwork without classification.

Item 2. 15,418 sq. ft. asph. conc. pavement, 5-in. 2-course.

Item 3. 3218 sq. ft. asph. conc. wearing surface, 1½-in. thick.

Item 4. (Alt. for Item 2) 15,418 sq. ft. Port. cem. conc. pavement, class A, 6-in. thick increasing to 7½-in. in outside 2-ft.

Cert. check 10% req. with each bid. Spec. obtainable from office of county surv. at Woodland, on deposit of $5, returnable.

SACRAMENTO, Cal.—Until April 26, 9 p. m., bids will be rec. by H. G. Denton, city clerk, to imp. 11th St., bet. O and R Sts., except inter. of P and Q Sts: const. curbs and gutters; c. i. gutter drains with 6-in. vit. manhole connections; const. conc. manholes connected with 8-in. vit. sewer; reconst. manholes and catchbasins; grade; fill places below subgrade with crushed rock and pave with 2-in. asph. conc. Cert. check 10% payable to city req. Albert Givan, city engineer.

ONTARIO, Cal.—City St. Supt. O. S. Roen preparing spec. to widen Lemon and Laurel Aves. and B St.; will be paved and curbed.

MERCED, Merced Co., Cal.—Merced Concrete Pipe Co., Merced, at $60,392.36 awarded cont. by city trustees to const. outfwall domestic sewer and outfall storm sewer, using tongue and groove cem. pipe. Bid for outfall sewer is $33,172, storm sewer, $27,220.36.

OLYMPIA, Wash. — McHugh Const. Co., Seattle, at $147,559.88 awarded contract by state highway comm. to grade, drain and pave with conc. 4.71 mi. of Pacific Highway bet. Castle Rock and Laughlin's, in Cowlitz county. At $180,111.60, McHugh awarded cont. to grade, drain and pave with conc. 5.53 mi. of Pacific Highway bet. Laughlin's and Neils, Cowlitz and Lewis counties.

MODESTO. Stanislaus Co., Cal.—Council petitioned to pave and install electroliers in Hackberry St., bet. Needham and Stoddard and Stoddard and Morris Sts.

EAGLE ROCK, Cal.—Peter L. Ferry, 614 E. Acacia St., Glendale, low bidder at $11,515.72 to pave Florida Way and Lucile Ave., has been given permission by city council to proceed with the work, although the award of cont. has been deferred one week.

PORTLAND, Ore.—Until April 24, 10 a. m., bids will be rec. by C. H. Purcell, Dist. Eng. U. S. Bur. Pub. Rds., 316 New Postoffice Bldg., to const. Inland Empire-Sec. 2, Natl. Forest Rd. project partly located in Colville Natl. Forest, county of Ferry, Washington state, 9.9 mi., involv 29 acres clearing, 24 ac. grubbing, 46,400 cu. yds. rock excav.; 80,000 cu. yds. common excav.; 9.9 mi. finishing earth road, 70 cu. yds. class A conc., 100 cu. yds. class C conc. abutments, 90 cu. yds. class C conc. headwalls, 1250 cu. yds. cement rubble masonry retaining walls, 1180 lin. ft. pipe culverts, 19,800 cu. yds. crushed rock or crushed gravel surfacing, 7600 lbs. reinforcing steel, 2.17 tons structural steel (haul and erect only).

Separate bids, same date, to const. Mt. Baker Highway-Glacier-Excelsior Natl. Forest Rd. in Washington Natl. Forest, Whatcom county, Washington state, 5.9 mi., involv. 29 acres clearing, 17 acres grubbing, 20,000 cu. yds. rock excav., 40,000 cu. yds. common excav., 5.9 mi. finishing earth road, 1868 lin. ft. log culverts, 500 lin. ft. rustic guard rail, 53 tons steel (erected and painted), 270 lin. ft. bridge deck, 200 cu. yds class C concrete.

Separate bids, same date, to constr. Mt. Baker-Glacier-Shuksan (surfacing) Natl. Forest rd. project partly within Washington Natl. Forest, Whatcom co., Washington state, 14.7 mi., involv. 14,500 cu. yds. crushed rock or crushed gravel surfacing; 465 stations subgrade.

Bur. of Rds. has certain equipment for lease to contractors.

Plans for above projects obtainable from engineer on deposit of $5, returnable.

OROVILLE, Butte Co., Cal. — Until May 8, bids will be rec. by C. F. Belding, county clerk, to pave with asph. conc. 4½-mi. of Gridley-Colusa road. Harry H. Hume, county surveyor.

SANTA BARBARA, Cal.—Council declares inten. to imp. Sola St., bet. Bath and Castillo Sts.; grade and pave with 1½-in. asph. conc. wearing surface on 4-in. conc. base; const. 3 ft. cem. concrete gutters, conc. driveways, resetting stone curb, 4-in. vit. pipe hse. sewers; 1911 Act. Geo. D. Morrison, city engineer.

SANTA MONICA, Cal.—Bids of Kneen Paving Co., Dudley Bldg., Santa Monica, only one rec. by council to imp. Kensington Rd. at $35,478.13, was rejected on the ground that on a job of that size competition should be sought. Another call for bids will be issued shortly. The work involves grading, paving, walks and sewers.

OREGON CITY, Ore.—Until May 9, 11 a. m., bids will be rec. by Fred A. Miller, county clerk, for road projects as follows: (Clackamas County):

Project No. 2—Involve. grading, paving and rock shoulders on sec. of the Mt. Hood Loop-Rock Creek Bridge rd. (Market Road No. 16). Bids for 2 type of pavement will be considered: (a) const. 9-ft. 1-course Port. cem. pavement 7-in. thick with gravel shoulder; forms to be left in place; (b) const. 16-ft. Bithulithic pavement, 2-in. thick after compression laid on 2-in. crushed rock base.

Project No. 3—Involv. grading, paving and gravel or broken stone shoulders on sec. of Market Road No. 17. Bids for 2 types of pavement will be considered: (a) const. 9-ft. 1-course Port. cem. conc. pavement 7-in. thick; gravel or broken stone shoulders; forms to be left in place; (b) const. 16-ft. Bithulithic pavement 2-in. thick after compressoin laid on 2-in. crushed base.

Cert. check 5% req. with each bid. Plans obtainable from office of county surveyor at Oregon City.

HUNTINGTON BEACH, Cal. — City trustees authorize a call for bids for purchase of the $300,000 municipal bond issue, voted for paving Ocean Ave.

SANTA CRUZ, Santa Cruz Co., Cal.—Until April 24, 9 a. m., bids will be rec. by S. A. Evans, city clerk, to const. 6-in. vit. sewer in portion of Alta Ave., 4 br. manholes with c. i. tops; 54 wye branches, 1911 Act. Cert. check 10% payable to city req. Jas. K. James, city engineer.

CHICO, Butte Co., Cal.—T. H. Polk, 511 2nd St., Chico, awarded cont. by trustees to imp. The Esplanade: 183,000 sq. ft. 4-in. asph. macadam pave, $.15 sq. ft.; 8000 sq. ft. conc. gutter, $.30 sq. ft.; 4000 lin. ft. conc. curb, $.55 lin. ft.; walks and culverts $3 lin ft.; angle sidewalks, $3.50 lin. ft ; br. catchbasins $35 each.

SAN JOSE, Santa Clara Co., Cal.—A. J. Raisch, 46 Kearny St., San Francisco awarded cont. by council to imp. 10th St., bet. Reed and Keyes: grade; pave with 1½-in. Durite asph. conc. surface on 3-in. conc. base; conc curbs, gutters; cem. walks; 4 br. catchbasins; 8-in. vit pipe drains.

Raymond H. Crummey, 121 Pearl St., Oakland, awarded cont. to imp. 6th St. bet. San Carlos and Margaret St; grade, pave with 1½-in. Warrenite-Bit. surface on 3-in. Bithulithic cem. bit. conc. base; hyd. curbs, gutters and walks; 2 br. catchbasins; 8-in. vit. pipe drain.

EAGLE ROCK, Cal.—City Engr. T. A. Jordan preparing spec. to grade College View Ave., bet. Sycamore and Mariposa Avenues.

SANTA ANA, Cal.—City Engr. W. G. Knox preparing spec. to pave Buffalo, from Main to Broadway; Wilshire and Borchard Aves., S. Birch St., S. Broadway and S Parton St.; Fairview Ave., from Main to Flower St.; N Garnsey, from Hickey St. to Washington Ave.; W Washington Ave., Broadway to Lowell St. (a petition is now out for paving a 20-ft. strip on Washington Ave., from Lowell to Artesia St.) N Flower St., Hickey St. to Washington Ave.; N Baker St., Sixth to Hickey; Second, Baker to Artesia.

OAKLAND, Cal.—City council, E. K. Sturgis, clerk, declares intention to imp. 24th St., bet. Magnolia and Adeline St.; oil macadam pavement; conc. curbs and gutters; cem. walks, 1911 Act. Protests May 10. W. W. Harmon, city eng.

MONTEREY, Monterey Co., Cal. — Petition to pave Forest Ave. from Sinex to Lighthouse Ave. and Lighthouse Ave from 19th to the Monterey city limits, referred to city eng. H. D. Severance for report.

OAKLAND, Cal. — Hutchinson Co., 1706 Broadway, Oakland, awarded cont. by council to imp. 96th Ave., bet. E-14th St. and Foothill Blvd. involv. 227,350 sq. ft. grading, $.06; 6962 lin. ft. conc. curb, $.75; 13,915 sq. ft. conc. gutter, $.26; 116,950 sq. ft. oil macadam pave, $.12; 42,898 sq. ft. cem. walks, $.17; 127 lin. ft. 10-ft. wide wooden culvert, $11.00; 4 wingwalls, $20.00 ea.; 28 lin. ft. 6x20 wood culvert, $2.00; 697 lin. ft. 8x24-in. corru. iron and conc. culvert, $4.80; 18 handholes, $15.00 ea.; 45 lin. ft. 12-in. pipe conduit, $2.20; 82 lin. ft. 10-in. pipe condult, $2.00; 4 storm water inlets, $45.00 each.

BERKELEY, Alameda Co., Cal. — City council, E. M. Hann, clerk, declares intention to const. 6-in. vit. sewer in Mathews St. from manhole in Blake St. north 210 ft. and an 8-in. lamphole at its north terminus. 1911 Act. Protests May 8 C L. Huggins, city eng.

EAGLE ROCK, Cal.—City Eng instructed to imp. under 1911 Act, College View Ave. and Sycamore to the south city limits.

SAN JOSE, Santa Clara Co., Cal.—Until May 7, 11 a. m., bids will be rec. by Henry A. Pfister, county clerk, to imp. Coe Ave., bet. Lincoln and Bird Aves. in Supervisor Dist. 4. Plans obtainable from clerk, $1.50 deposit.

SANTA ANA, Cal.—E. L. Garretson & Son, San Diego, submitted low bid to trustees to imp. South Garnsey St., bet. West Pine St. and Fairview Ave., involv. 141,660 sq. ft. 5-in. conc. paving at 19.5c ft.; 353 ft. 4-in. hse. sewers at 50c ft.

ALHAMBRA, Cal.—Trustees declare inten. to const. 8-in. vit. pipe sewer in Almansor St., bet. Mission and Main St. and portions of Hidalgo Ave., Cordova and other streets; 1911 Act.

Separate bids same date to const. 8-in. vit. pipe sewers in Birch St., bet. the west line of lot 51, Tr. 4586 and Primrose Ave. and portions of other streets. 1911 Act. R. B. Wallace, city clerk. Grant Lorraine, city engr.

EL CENTRO, Cal.—J. A. Costello, Jr., 1083 Shotwell St., San Francisco, awarded contr. by trustees to imp. Lenry Ave., at 27c sq. ft. asph. wearing surface on asph. conc. base; $1 ft. conc. curb; $3.25 lin. ft. 4-in. water main; $27.50 per water service.

CARSON CITY, Nevada—As previously reported bids will be rec. by State Highway Commission, Geo. W. Borden, state highway eng., until May 9, 1:30 p. m., to const. 11.87 mi. in Humboldt county, bet. Winnemucca and Toll House. Project involves 68,000 cu. yds unclass. excav.; 7 mi. prepare subgrade and shoulders; 10,200 cu. yds. loading and screening gravel; 56,300 yd. mi. hauling; and 10,200 cu. yds. spreading gravel; 160 cu. yds. class A and 105 cu. yds. class B concrete; 352 lin. ft. 15-in., 367 lin. ft. 8-in., 368 ft. 24-in., 160 lin. ft. 30-in. and 80 lin. ft. 36-in. corru. metal pipe; 1968 lin. ft. wooden guard rail; 44 monuments; 2 sign posts; 1550 cu. yds. loading, and 3500 yd. mi. hauling and 1550 cu. yds. spreading selected material for sub-base.

Separate bids, same date, 2:30 p. m., for 12.25 mi. in Humboldt county, bet. Paradise Hill and Toll House, involv. 49,000 cu. yds. unclass. excav.; 986 yd. sta. overhaul; 7 mi. prepare subgrade and shoulders; 9500 cu. yds. loading and screen; 26,100 yd. mi. haul and 9500 cu. yds. spreading gravel; 70 cu. yds. class A and 180 cu. yds. class B concrete; 582 lin. ft. 15-in., 500 lin. ft. 18-in. 584 lin. ft. 24-in., 128 lin. ft. 30-in., and 98 lin ft. 36-in. corru. metal pipe; 30 monuments; 1 sign post.

SAN FRANCISCO—City Eng. M. M. O'Shaughnessy completes spec. to construct 3600 sq. ft. art. stone walks in Genessee St., bet. Joost and Flood Aves. Est. cost, $720.

SAN FRANCISCO—City Eng. M. M. O'Shaughnessy completes spec. to sewer south side of O'Farrell St., bet. Van Ness and Franklin, involv. 335 lin. ft. ironstone pipe sewer; 2 br. manholes and 8 branches; est. cost $1400.

PASADENA, Cal.—Ducey & Breitenstein, 151 S Hill Ave., Pasadena, awarded contr. by city directors for imp. Pico St., bet. Fair Oaks and Raymond Aves., 14c sq. ft. grading and paving with 4-in. macad. 17c sq. ft. walk; 40c ft. curb; 23c sq. ft. gutter; also to imp. Corson St., bet. Sierra Bonita Ave. and east line of Tr. No. 1663, 12c ft. grading and paving with 2-in. oil macad.; 45c ft. curb; 23c sq. ft. gutter.

STOCKTON, San Joaquin Co., Cal.—Until May 8, 10:30 a. m., bids will be rec. by A. L. Banks, city clerk, to imp. portions of East Main, East Lafayette, East Sonora and F Sts., grade; const. comb. conc. curb and gutter; conc. walks; pave with 2-in. asph. conc. surface. 1911 and 1915 Bond Act. Cert. check 10% payable to city req. W. B. Hogan, city eng.

BURBANK, Cal.—Bids will be advertised for at once to pave Sixth and Eighth Sts. F. S. Webster, city clerk.

YUBA CITY, Sutter Co., Cal.—City trustees vote to pave practically all unimproved streets. Edw. Geldern, city engineer.

VENICE, Cal.—Braun, Bryant & Austin, Inc., 1680 4th St., Santa Monica, awarded cont. by trustees to imp. Broadway Ct. bet. 5th and 6th Aves., involv. 4-in. cem. conc. paving 22c ft.; grading 3c ft. Sander Pearson, 3847 S Broadway, Los Angeles, awarded the contr. to pave Amoroso and Oakwood Cts., involv. grading 4c sq. ft. 6-in. concrete paving 31c ft.; remodeling manhole $15.

SAN JOSE, Santa Clara Co., Cal.—Until April 30, 8 p. m., bids will be rec. by J. J. Lynch, city clerk, to imp. 7th St., bet. William and Reed; grade; pave with 3-in. bit. conc. base with 1½-in. Warrenite-Bit. surface; 1 br. catchbasin; 8-in. vit. pipe drain.

Separate bids, same date, to imp. 6th St., bet. Keyes and Humboldt Sts; grade and pave with 3-in. asph. conc. base with 1½-in. asph. conc. wearing surface; conc. gutters.

1911 Act & Bond Act 1915. Cert check 10% payable to city req. Wm. Popp, city engineer.

NEVADA STATE—Strahan, Bishop & Brooks, 201 Hagelstein Bldg., Sacramento, at $23,580.56 awarded cont. by State Highway Comm. to const. highway in Churchill county, bet. west and east city limits of Fallon, 1.2 mi. involv. 1966 cu. yds. unclass. excav.; 22,788 yd. sta. overhaul; 1.22 mi. preparing subgrade and shoulders; 12,890 sq. yds. cem. conc. pavement; 20 cu. yds. class A conc.; 124 lin. ft. 18-in. corru. metal syphon; 18 monuments, in place; 2467 lin. ft. 12-in. conc. pipe. State will furnish cement f. o. b. cars, Fallon and sand and gravel in stock piles at Fallon. Other bids were: T. J. Reese, Fallon $24,337.86; Alston & Hoggan, Continental Natl. Bank Bldg., Salt Lake City, $27,122.81; W. S. Griscom & Co., 920 Leavenworth St., San Francisco, $25,997.21.

OREGON STATE—Until May 8, 10 a. m., bids will be rec. by C. H. Purcell, Dist. Eng. U. S. Bureau of Public Roads 316 New Postoffice Bldg., Portland, Ore. to const. following Federal Highway projects, plans for which may be obtainable on deposit of $10, returnable: Eugene-Florence (Rainbow-Blachly section), Natl. Forest Rd., located partly within the Suislaw Forest, Oregon state, 24 mi. long, involv. 64 acres grubbing, 82,000 cu. yds. rock, and 122,000 cu. yds. common excav.; 250 cu. yds. class A conc; 22,000 lbs. rein. steel, 16 timber bridges and trestles, 220 cu. yds. class C conc., 4700 lin. ft. culverts, 24 mi. finishing earth road, 38,000 cu. yds. crushed rock or gravel surfacing, 1000 lin. ft. 6-in. porous drain tile, 1000 lin. ft. guard rail.

Bogachiel-Hoh river (Olympic Highway), Natl. Forest Rd. project, adjacent to Olympic Natl. Forest, Washington state, in counties of Clallam and Jefferson, 9.3 mi. long, involv. 45 acres clearing and 34 acres of grubbing.

McKenzie River Highway- Belknap surfacing Sec. Natl. Forest Rd. project, within Cascade Natl. Forest, Oregon state, 7.9 mi. involv. 13,000 cu. yds. crushed rock of crushed gravel surfacing; 420 sta. sub-grade.

PALO ALTO, Santa Clara Co., Cal.—Palo Alto Development Co., Palo Alto, awarded cont. by council to improve Churchill, Manzanita, Miramonte, Sequoia, Mariposa, Castilleja, Escobita, Madrono, Portola Aves., and El Camino Real; excavation, $.50 cu. yd.; surfacing, $.01 sq. ft.; conc. curb, $.35 lin. ft.; cem. walks, $.15 sq. ft.; conc. pavement, $.184 sq. ft.; corru. iron and conc. culverts, $5.00 lin. ft.; conc. gutter, $.15 sq. ft.

SANTA CRUZ, Santa Cruz Co., Cal.—Until May 7, 2 p. m., bids will be rec. by H. E. Miller, county clerk, to imp. Green Valley rd. beg. at Sta. 0 plus 00 at a station at end of present oil macadam pavement, about 1.1 mi. north from Freedom on Green Valley rd. in northerly direction for distance of 1.35 mi. to a station in the middle of said road near Phillip's residence. Spec. obtainable from Lloyd Bowman, county surv., on deposit of $5, returnable.

SAN JOSE, Santa Clara Co., Cal.—A. J. Raisch, 46 Kearny St., San Francisco, awarded cont. by council to imp:

16th St., bet. San Antonio Sts.; grade; pave with 3-in. Durite asph. conc. base with 1½-in. Durite asph. conc. surface; conc. curbs and gutters.

9th St., bet. William and Martha; grade; pave with 3-in. Durite asph. conc. base with 1½-in. Durite asph. conc. surface; hyd. cem. conc. curbs and gutters; cem. walks; br. catchbasin; 8-in. vit. pipe drains.

SAN FRANCISCO—Until May 16, 3 p. m., bids will be rec. by Bd. Pub. Wks to imp. Precita Ave., bet. Alabama and Folsom Sts., involv. 795 lin. ft. conc. curbs; 5450 sq. ft. art. stone walks; 22,572 sq. ft. asph. conc. pavement; 1 br. catchbasin; 30 lin. ft. 10-in. vit. culvert.

Separate bids, same date, to const. art. stone walks in portions of 18th Ave., bet. Cabrillo and Fulton Sts., est. cost $1050. Spec. obtainable from city engineer's office, 3rd floor, city hall.

SAN FRANCISCO—City Eng. M. M. O'Shaughnessy completes spec. to imp. Francisco St., bet. Octavia and Laguna Sts., est. cost $500, involv 75 lin. ft. conc. curb; 1453 sq. ft. asph. conc. pavement.

Spec. completed to imp. Vallejo St., bet. Montgomery and Sansome Sts., involv. 3988 sq. ft. art. stone walks; est. cost $1000.

MERCED, Merced Co., Cal. — Until April 23, 10 a. m., bids will be rec. by P. J. Thornton, county clerk, to imp. roads in Rd. Imp. Dist. No. 5. Cert. check 10% payable to Chair. Bd. Sups. req. with each bid. A. E. Cowell, Merced, engineer.

SAN FRANCISCO—Until May 16, 3 p. m., bids will be rec. by Bd. Pub. Wks. to imp. Rhode Island St., betw. 22nd and 23rd Sts., involv. 1600 cu. yds. cut; 1732 lin. ft. conc. curb; reset. 96 lin. ft. granite curb; 10,950 sq. ft. art. stone walks; 23,184 sq. ft. asph. conc. and 24,800 sq. ft. conc. pavement. Spec. obtainable from city eng. office, 3rd floor, city hall.

WHITTIER, Cal.—Nick Chutuk, 1506 Pleasant Ave., awarded contrs. by trustees to const. sewers in Bright Ave., bet. Luella Ave. and Orange Dr. involv. 6-in. pipe 74c ft.; manholes $42 each, lampholes $12 each, and for Palm Ave., bet. Lemon St. and Whittier Blvd., involv. 6-in. sewer 79c ft.; 8-in. sewer 85c ft.; manholes $54 ea.; junction chambers $54 ea.; lampholes $15 each.

CENTRALIA, Wash.—R. G. Stevenson, 1327 N-34th St., Seattle, at $102,640 awarded cont. by council to lay 34,500 sq. yds. 7-in. conc. pavement. Albers Bros. Const. Co., at $14,520 awarded cont. for 5000 yds. 7-in. conc. pavement.

LOS ANGELES, Cal.—Geo. H. Oswald, 366 E 58th St., awarded contr. by Bd. Pub. Wks. at $45,112 to imp. Diaz Ave.; bet. Rita St. and Ventura Blvd., involv. grading at $6500 (lump sum); 194,772 sq. ft. Topeka paving 19.4c ft.; 290 sq. ft. grade and oil 9c ft.; storm drain complete, $800.

BURBANK, Cal.—Until 7:30 p. m., May 1, bids will be rec. by trustees to imp. Olive Ave., bet. Front St. and 150 ft south of Main St.; grade and pave with oiled macad.; 1911 Act. F. S. Webster, city clerk.

SOUTH SAN FRANCISCO, San Mateo Co., Cal.—City trustees, D. McSweeney, clerk, declares inten. to improve portions of Swift Ave., grade; const. decomposed granite walks; const. wood bridges; corru. iron culvert and vit. sewer. 1911 Act and Bond Act 1915. Protests April 23.

SAN JOSE, Santa Clara Co., Cal.—Until May 8, 7:30 p. m., bids will be rec. by Walter L. Bachrodt, secy. Bd. of Education, to pave 7th St., bet. Reed and Margaret, fronting Lowell school and Grant St., bet. Orchard and Delmas, fronting school property. Spec. obtainable from City Eng. Wm. Popp.

HUNTINGTON PARK, Cal.—Election will be held April 24 to vote a $250,000 sewer bond issue for new sewer system, outfall and disposal and treatment plant. The city now depends on cesspools. Howard M. Curdy, P. E. Bldg., is city engr. The work involv. a combined outfall and interceptor system approx. 9 mi. long, 10 ac. land for treatment plant, activated sludge system, settling tanks and filters. The outfall will cost approx. $55,000. The pipe used will vary from 18-in. to 24-in. Type of pipe has not been determined.

EAGLE ROCK, Cal.—Peter L. Ferry, 614 E Acacia St., Glendale, awarded contr. by council at $11,316.72 to pave Florida Way and Lucille Ave.

SACRAMENTO, Cal.—City Council, H. G. Denton, city clerk, declares inten. to improve:

Portions of V, 51st, Y Sts. and 2nd Ave.: const. vit. sewers with wyes; conc. manholes with c. i. covers.

Portions of V and 52nd Sts.: const. conc curb and gutter; place c. i. gutter drains with 6-in. vit. manhole connections; const. conc. and reconst.. manholes; const. sewer services to property line; 1-in. water main connections; grade; pave with asph. conc.

Alleys bet. N. 24th and 12th; H, I, 14th and 15th; 3rd, 4th Aves., 22nd and 24th Sts.: place track drain with 6-in. manhole connections; reconst. manholes const conc. catchbasins; extend sewer service s to property line; grade; pave with 5-in. hyd. conc.

All under 1911 Act. Protests May 10. Albert Givan, city eng.

LOS ANGELES, Cal.—H. H. Peterson, Loma Portal, awarded contr. by county supervisors at $60,700 to imp. Ocean Ave. bet. east city limits of Long Beach east to Ave. 19, 5785 lin. ft. (R. D. 1 No. 225).

SAN BRUNO, San Mateo Co. ,Cal.—Until April 25, 8 p. m., bids will be rec. by Nettie A. Willits, city clerk, to imp. portions of Tucker, Linden, Poplar, Elm Acacia, Cypress, and Hazel Aves., by const. conc. comb. conc. curbs and gutters; cem. conc. walks; grade and pave with waterbound macad. base with asphaltic oil and screenings surface; portions of Cedar, Maple, Cherry, Chestnut, Beach, Oak, Hazel, Cypress, Niles Aves., by grading and rolling; portions of Linden, Poplar, Elm, Acacia Aves. by const. rein. conc. bridges; portions of Cypress Ave., by const. rein. conc. storm water conduits; portions of Tucker, Linden, Poplar, Elm, Acacia, etc., by const. 10, 8 and 6-in. vit. sanitary sewers; br. manholes; 27, 24 and 21-in. vit. pipe storm sewers; br. storm water catchbasins; 4-in. vit. lateral sewers, etc. 1911 Act and Bond Act 1915. Cert. check 10% payable to city req. Geo. A. Kneese, Courthouse, Redwood City, Engineer.

HERMOSA BEACH, Cal.—Until 8 p. m., May 1, bids will be rec. by city clk., R. F. Brown, to imp. Bay View Dr., bet. 1st and 2nd Sts. under Vroman Act. Contract involves 850 lin. ft. 2x12-in. headers and 8020 sq. ft. 5-in. conc. pavement with two-course oil and rock screenings protective coat. Victor H. Stsheli, city engr.

FRESNO, Fresno Co., Cal.—Fredrickson & Shannon, Cery Bldg., Fresno, awarded cont. by council to const. sewers in West Dean Park and West Dean Park No. 2, involv. 1710 ft. 6-in. vit. sewer, $.67 ft.; 4 manholes, $70 ea.; 124 6-in. pipe wyes, $.95 each.

BERKELEY, Alameda Co., Cal.—Until May 8, 10 a. m., bids will be rec. by E. M. Hann, city clerk, to imp. Alcatraz Ave., bet. Adeline St. and east clay limits; const. conc. curbs and gutters; grade; pave with 7-in. asph. conc.; 2 curb inlets; 1 conc. catchbasin. 1911 Act and Bond Act 1915. Cert. check 10% payable to city req. C. L. Huggins, city engineer.

SACRAMENTO, Cal.—Until April 26, 9 p. m., bids will be rec. by H. G. Denton, city clerk, to imp.:

18th St., from alley bet. B and C Sts. to K St., except intersection from E to Q Sts., incl., const. conc. curb and gutter; place c. i. gutter drains with 6-in. vit. manhole connections; reconst. and const. new conc. manholes; place protective covering over sewer where top is less than 18-in. below sub-grade; 6-in. vit. manhole connections; remove trees; grade, 2-in. asph. conc. pavement; D St. from 18th to pt. east, const., conc. curb and gutter; grade, 2-in. asph. conc. pavement.

36th St., bet. Y and 5th Ave., except intersections of I, 2 and 3rd Aves., Sacramento Blvd. and 4th Ave., const. conc. curb and gutter; c. i. gutter drains with 6-in. vit. manhole connections; reconst. manholes; conc. walks; grade;

14th St., bet. P & Q Sts.: const. conc. curb and gutter; c. i. gutter drains with 6-in. vit. manhole connections; reconst. manhole; crushed rock fill below subgrade; 2-in. asph. conc. pavement.

Stockton Blvd. from sewer in 11th Ave. to pt. 8-ft. n. of 14th ave., and 14th Ave. from pt. 20-ft. w of Stockton Blvd. to 47th St. and 47th St. from 12th Ave. to alley bet. 13th an d14th Aves.: const. 4-in. vit. sewers with wyes; conc. manholes with c. i. covers.

Cert. check 10% payable to city clerk req. Albert Givan, city eng.

LOS ANGELES, Cal.—Until 11 a. m., April 30, bids will be rec. by supervisors to imp. St. Louis Ave. (near Long Beach) from 11th St. to 14th St., 1221.7 lin. ft. or .23 mi., under County Imp. No. 6, involv. 948 cu. yds. excav., incl. finish grading and shaping; 3936 sq. ft. conc. walk; 862 ft. curb; 6217 sq. ft. gutter; 4700 sq. yds. 3-in. asph. conc. base for pavement; 4700 sq. yds. 2-in. Willite top for pavement. Average haul 1 mi. from East Long Beach, on P. E. Ry., for conc. material.

FRESNO, Fresno Co., Cal. — City council, R. Y. St. George, clerk, declares inten. to imp. Abby St., bet. Divisadero and Belmont Ave.: grade; const. conc. curbs and gutters; corru. culverts with manholes; pave with 3½-in. asph. conc. base on 1½-in. Warrenite-Bithulithic surface. 1911 Act. Protests May 3. Wm. Stranahan, city eng.

CALIPATRIA, Cal.—G. W. Cushing, 1505 Brook Ave., San Diego, and 2005 Roosevelt Ave., Richmond, awarded cont. by city trustees at $89,902.53 to pave Main St. and Holabird Ave., involv. grading 90c cu. ft.; 6-in. cem. conc. pavement 33 1/3c sq. ft.; corru. iron culverts $2.50 lin. ft.; curbs 75c ft.; walk 25c sq. ft.

BEVERLY HILLS, Cal. — City has applied to state board of health for a permit for a sewer and water system. The board will meet in the Pacific Finance Bldg., Los Angeles, on April 20, to consider the application.

MANHATTAN BEACH, Cal. — City trustees approve plans for conc. pavement in Manhattan Development Co.'s new tract. Work will be done under the supervision of the city engr. and st. supt.

PASADENA, Cal.—Joe Chutuk, 343 Wilcox Bldg., Los Angeles, low bidder to const. Ferguson segment block sewer at the new Tri-City Sewer Farm nr. San Gabriel at an agregate figure of $22,114.72, includ. $6.88 lin. ft. for 30, 36, 42 and 48-in. pipe, and $100 each for manholes. Other bids were: B. D. Zalch, $1200 l. f. each for 36, 42 and 48-in.; $14 for 30-in.; $150 each, manholes. Cox & Teget, $8.50 30-in.; $10 36-in.; $7.35 42-in.; $8.45 48-in.; $200 each manholes; total, $23,209. Mlagenovich & Gillespie, $23,775; Heuser & Packard, $9.05 l. f. comp.; $8.10 30-in.; $10.50 36-in.; $11 42-in.; $13 48-in.; $100 manholes; total, $27,800.

WHITTIER, Cal. — Permission has been granted city by state board of health to build an outfall sewer and a high grade treatment plant at the Whittier sewage farm, to cost $150,000.

LONG BEACH, Cal.—City has been granted permit by state board of health to install sewer system and pumping plant in the Belmont Hts. dist., to cost$ 125,000.

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SAN PABLO, Contra Costa Co., Cal.—Directors of San Pablo Sanitary District, R. V. March, secretary, declare inten. to const. 6-in. lateral sewers in portions of Gertrude, Alano, Duboce, Sanford Willow Aves., Filbert, Kelsey, Cherry Sts., etc.; br. and conc. manholes with c. i. covers; wye branches etc; 1911 Act. Protests April 24.

VISALIA, Tulare Co., Cal.—City council, Ida Markham, declares inten. to imp portions of N Willis and S Willis Sts.: grade; pave with 2½-in. asph. conc. base with 1½-in. Warrenite-Bit. surface; hyd. conc. curbs, gutters; corru. iron culverts; hyd. conc. catchbasins; c. i. corner drain pipes; pave alley approaches with 5-in. conc.; 8-in. vit. tile storm sewer; 2 br. manholes. 1915 Bond Act. Protests April 30. L. H. Gadsby, city engineer.

LOS ANGELES, Cal.—Until 10 a. m., May 4, bids will be rec. by harbor comm 312 Byrne Bldg., to pave Badger Ave. and Dock St., the approach to the new drawbridge, involv. 317,775 sq. ft. 7-in. reinf. conc. with 2-in. Warrenite-bitui. surface. Cert. check or bond, 10%. Guy W. Wade, secretary.

SACRAMENTO, Cal. — City Comm. awards contracts as follows: A. Teichert & Sons, Oschner Bldg., Sacramento: Gerber Ave., bet. T and Gerber Court, const. conc. curbs and gutters; c. i. gutter drains with 6-in. vit. manhole connections; conc. manholes with c. i. tops; 8-in. vit. manhole connections; const. 10-in. vit. sewer; ¾-in. water main connections; conc. walks; grade and pave with 4-in. asph. conc. with seal coat; and imp. 2 rights of way by const. vit. sewers; conc. manholes and place 6-in. vit. flusher branches. A. Teichert & Sons: I St., bet. 39th and pt. 467.8 ft. east; const. conc. gutter; install 1-in. water main connections; grade; pave with 4-in. asph. conc with seal coat.

McGillivray Const. Co., Capitol Natl. Bank Bldg., Sacramento: 10th Ave., bet. 44th St. and Stockton Blvd., const. conc. curbs and gutters; c. i. gutter drains with 6-in. vit. manhole connections; reconst. manholes; extend sewer service to prop. line; ¾-in. water main connections; grade; pave with 4-in. asph. conc. with seal coat.

McGillivray Const. Co.: Portions of Santa Ynez and 36th St., const. conc. curbs and gutters; c. i. gutter drains with 6-in. vit. manhole connections; conc. manholes with c. i. tops; const. 8-in. vit. sewers with 4-in. wyes; 4-in. sewer services to prop line; conc walks; ¾-in. water main connections; grade and pave with 4-in. asph. conc. with seal coat; and portions of H St. by removing curb, gutter and walk and reconst. same to grade; const. conc. walks and reset gutter drains.

Clark & Henery Const. Co., Osohner Bldg., Sacramento: 17th St., bet. D and Q Sts., except inter-sections from E to P Sts., by placing c. i. gutter drains with 6-in. vit. manhole connections; conc. curb and gutter; reconst. manholes; grade; 2-in. asph. conc. pavement.

T. M. Burns, 2207 N St., Sacramento: alley bet. N, O, 23rd and 24th Sts.: const. conc. catchbasins with 6-in. vit. sewer connections; reconst. manholes; extend 6-in. sewer services to property lines; 1-in. water main connections; const. conc. curtain wall; grade; pave with 5-in. hyd. conc.

LOS ANGELES, Cal.—Until 11 a. m., April 30; bids will be rec. by supervisors for road imp. from Palmdale to Shoemaker's Ranch (R. D. I. No. 137), 22.6 mi., as follows: 1.07 mi. 6-in. asph. conc., 18-ft. wide; 6.5 mi. 5-in. asph. conc. 18-ft. wide; 3.1 mi. dis. gran. pave; 3.3 mi. graded roadway 24-ft. wide. Aver. haul, Palmdale to Little Rock Creek plant, 9 mi. Est. cont. price $574,292.30. Work involves 35,000 cu. yds. rock excav.; 118,000 cu. yds. earth excav. and borrow; clear. and grub. amtg. to approx. $7000; 124,360 lin. ft. shap. roadbed; 168,524 sq. yds. 5-in. asph. conc. pave; 112,767 sq. yds. 6-in. asph. cons. pave; 33,100 sq. yds. 6-in. disintg. gran. pave; 2333 ft. 16-in., 2114 ft. 18-in., 833 ft. 24-in., 259 ft. 30-in., 121 ft. 36-in. and 178 ft. 48-in. corru. iron pipe; 516 cu. yds. conc. headwalls. Materials required in add. to figures given above are: 2167 lbs. reinf. steel, 760 bbls. cem., 335 tons sand, 620 tons gravel for conc., 11,400 tons dis. gran. ftd Dist Imp. Act of 1907.

RIVERSIDE, Cal.—City of Riverside has been granted permission by state board of health to install an outfall sewer and tanks for the disposal of sewage on the Riverside sewage farm.

WHITTIER, Cal.—Until 7:30 p. m., April 30, bids will be rec. by city trustees to const. the new outfall sewer and sewage disposal works. Plans and spec. have been prepared by Black and Veatch, consulting engrs., Fay Bldg., Los Angeles. Est. cost of work, $98,604.22. C. O. Trueblood, city clerk. Project involv. 3541 ft. 18-in.; 3400 ft. 24-in.; 8682 ft. 27-in. sewer pipe; 728 ft. 27-in. conc. or steel pipe; 30 manholes; and reinf. conc. imhoff tank and filter beds with capacity of 1,000,000 gals. Plans and spec. may be obtained upon deposit of $25, $20 of which will be returned. Cert. chk. on Whittier bank, or cashier's check on any bank, 10%.

LOS ANGELES, Cal.—C. R. Butterfield, 212 6th St., San Pedro, submitted only bid to Bd. Pub. Wks. to imp. 39th St., bet. Carolina and Gaffey Sts., San Diego, involv. 780 sq. ft. cem. conc. paving 50c ft.; 16,600 sq. ft. grading and oiling 7c ft.; rough grading $500 (lump sum); 125 sq. ft. conc. gutter 50c ft. Griffith Co., L. A. Ry. Bldg., Los Angeles, low bidder to imp. 48th St., bet. first alley west from St. Andrews Pl. & the first alley W from Van Ness Ave. involv. grading $2500 (lump sum); 78,753 sq. ft. conc. paving 23.5c ft.; 2800 sq. ft. oiling and rolling 8c ft.; 803 ft. curb 75c ft.; 445 sq. ft. walk 24c ft.

OAKLAND, Cal.—Until April 26, 12 M., bids will be rec. by E. K. Sturgis, city clerk, to imp. portions of Brush St.: grade; pave with asph. conc.; const. conc. curb and gutter; 9 br. catchbasins; vit. pipe conduits. 1911 Act. Cert. check 10% payable to city clerk req. W. W. Harmon, city eng.

WHITTIER, Cal.—See "Sewage Disposal Plants," this issue.

PHOENIX, Ariz. — City Commission approves plans to pave McKinley St., from Seventh to Ninth Sts.; Seventh Ave., from Roosevelt to McDowell Rd.; Ninth Ave., from Roosevelt to Culver; Portland, Latham and Westmoreland Sts., from Seventh Ave. to Eleventh Ave.; Culver, Willetta and Lynwood Sts., from Seventh Ave. to Ninth Ave.; Roosevelt St., from Tenth to Eleventh Ave., and certain portions of Madison St. and Third and Fourth Aves.

SAN FRANCISCO—Louis J. Cohn, 180 Jessie St., at $2.15 lin. ft. submits low bid to Bd. Pub. Wks. to const. pedestrian board walk along Great Highway involv. approx. 6000 lin. ft. Under Prop. 2, same project, low bid to const. 6000 lin. ft. asphalt walk, low bid was submitted by Jas. M. Smith, Ocean & Tara Sts., at $1.39 lin. ft. Other bids follow (1) board walk (2) asph. walk:
Jas. M. Smith, (1) $2.89, (2) $1.39.
I. M. Sommer (1) $3.52, (2) $....
Fay Imp. Co. (1) $..., (2) $1.69.
M. Bertolino (1) $2.50, (2) $..
L. J. Cohn (1) $2.15; (2) $1.63.
Schultz Const. Co. (1) $2.75, (2) $..
Pac. States Const. Co., (1) $..., (2) $1.78.
A. H. Wogt (1) $3.15, (2) $2.20.
Raisch Imp. Co. (1) $..., (2) $1.569.
City Const. Co. (1) $2.16, (2) $1.56.
A. A. Tieslau (1) $2.20, (2) $..

SAN FRANCISCO—Louis J. Cohn, 180 Jessie St., at $23,238 submits low bid to Bd. Pub. Wks. to const Telegraph Hill Blvd., involv. const. conc. retaining walls, step support walls, stairways, landings, walks, copings, etc.: 19,960 cu. yds. cut; 2 special conc. inlets with rein. conc. gratings; 2 storm water inlets with c. i. frames and gratings: 1 br. manhole with c. i. frames and cover and galv. wrought iron steps; 280 lin. ft. 10-in. vit. pipe culvert; 1620 lin. ft. guard. Other bids were: Jas. M. Smith, $36,509; Jas. R. McElroy, $25,310; Chas. J. Lundgren, $28,707; Schultz Const. Co., $27,533; A. A. Tieslau, $28,496.

SAN JOSE, Santa Clara Co., Cal.—Until May 7, 11 a. m., bids will be rec. by Henry A. Pfister, county clerk, to imp. Coe Ave. in Supervisor Dist. 4. Spec. obtainable from county surveyor.

HERMOSA BEACH, Cal.—State Board of health will meet April 2, in Hermosa Beach to consider an application of that city to build an outfall sewer.

PETALUMA, Sonoma Co., Cal.—City council orders paving of Howard St., bet. Galland and West Sts. with oil macadam. N. S. Frost, city eng.

LONG BEACH, Cal.—Council declares intent to imp. 11th St., Linden Ave., 10th St., California Ave. and portions of 9th, 8th, 6th, 5th, 4th and 3rd Sts., and Broadway, Ocean Blvd. and Anaheim Sts., by const. reinf. conc. cem. pipe sewers, varying from 12-in. to 42-in. pipe. The work involv. 36 catch basins. 1911 Act.

Inten. declared to const. 14-in. cem. conc. drainage sewer in Bennett Ave. across blk. 1, Belmont Hts., and in portions of Xiberto and certain alleys; involv. 4 catch basins; 1911 Act. A. L. Ferver, director of public service.

STOCKTON, San Joaquin Co., Cal. — County supervisors rescind proceedings to form road dist. to imp. 3½-mi. of rd. from Ampere to Harmony Grove school. New proceedings will not be started for at least a year. F. E. Quail, county surveyor.

SAN JOSE, Santa Clara Co., Cal.—A. J. Raisch, 46 Kearny St., San Francisco awarded cont. by council to imp. Locust St., bet. Park and San Carlos: grade, pave with 1½-in. Durite asph. conc. surface on 3-in. Durite asph. conc base; cement walks.

San Jose Paving Co., Dupont and San Carlos Sts., awarded cont. to improve Market St., bet. Santa Clara and Bassett Sts.: remove existing basalt block gutters; const. hyd. conc. gutters; remove and replace portions of bit. wearing surface; etc.

HANFORD, Kings Co., California Const. Co., 58 2nd St., San Francisco at $31,932.63 awarded cont by city trustees to imp. Ivy St., bet. Park and Redington, Redington and Irwin, Irwin and Douty, Douty to Harris and Harris to Brown Sts.: grade, $.035 4-in. bit. base with 1½-in. Warrenite-Bit. surface pavement, $.234; conc. curbs, $.75 lin. ft.; conc. gutters, $.35 sq. ft.; culvert, A, complete, $685; culv. B, complete, $590. Thompson Bros., Fresno, only other bidder at $34,743.96.

SANTA CRUZ, Santa Cruz Co., Cal.—Supervisors will ask bids immediately to pave with oil macadam, the second unit of the Green Valley road. Bids will probably be opened May 7. Lloyd Bowman, county surv.

SANTA CRUZ, Santa Cruz Co., Cal.—Supervisors pass resolutions to finance improvement of thirteen miles of road in the Highland Road District. Lloyd Bowman, county surv.

CALIPATRIA, Cal.—Until 7:30 p. m., April 27, bids will be rec. by trustees of the union high school to const. sewer to connect new high school bldg. with the present sewer east of the Fremont school bldg. Plans and spec. on file with clerk of the dist. Cert. check, 6%. A. J. Erichsen, clerk.

SAN FRANCISCO — Pacific States Const. Co., Call Bldg., at 396$ submits low bid to Bd. Pub. Wks. to imp. crossing of Turk and Willard Sts., and Turk St., bet. Willard and Arguello Blvd., involv. 75 lin. ft. granite curb; 122 lin. ft. conc. curb; 5106 sq. ft. art. stone walks; 34 lin. ft. 18-in. and 84 lin. ft. 15-in. pipe sewer; 76 lin. ft. 10-in. pipe culvert; 2 br. catchbasins and 7848 sq. ft. asph conc. pavement. Only other bid was Municipal Const. Co., $4236.

Jas. M. Smith, Ocean Ave. and Tara St., low bidder at $20,864 to imp. Broad St., bet. Capitol and Orizaba, involv. 3849 cu. yds. fill; 1987 lin. ft. conc. curb; 330 sq. ft. art. stone walks; 2 br. catchbasins; 70 lin. ft. 10-in. pipe culvert; 60,547 sq. ft. asph. conc. pavement. Other bids were: Fay Imp. Co., $21,784; Municipal Const. Co., $21,927; Raisch Imp. Co., $22,633.

Manuel Smith, 1003 85th Ave., Oakland, low bidder at $751 to imp. Peabody St., bet. Leland and Visitacion, involv. 300 lin. ft. 8-in. vit. pipe sewer 18 8-in. wye branches; 72 lin. ft. 6-in. side sewers and 1 br. manhole. Other bids: Municipal Const. Co., $836; Milton J. Treacy, 979; Jas. T. Tobin, $968.

Pacific States Const. Co., Call Bldg. low bidder at $7348 to imp. Ralston Ave bet. Holloway and Garfield, involv. 1330 lin. ft. conc. curb; 6000 sq. ft. conc. pavement and 13,950 sq. ft. conc. pavement. Other bids: Jas. M. Smith, $7408; Municipal Const. Co., $7347.

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

$1,000 and Over Reported

The following is an index for the contracts for this issue.

No.	Owner	Contractor	Amt.
1437	Saunders	Lequat	10000
1438	Burns	Burns	6000
1439	Horgan	Owner	2000
1440	Sweeney	Delaney	1000
1441	Frediani	Cuneo	4500
1442	Kronquist	Owner	3000
1443	Rosenthal	Wagner	10000
1444	Nolan	Sutherlin	4500
1445	Campbell	Tubbs	2250
1446	Cadino	Eads	2185
1447	Owl	Owner	2000
1448	Warfield	Owner	1000
1449	Hargrave	Owner	3400
1450	Hansen	Owner	30000
1451	Preston	Larsen	3000
1452	Barner	Black	6442
1453	Greenberg	Britt	18350
1454	Rogers	Sprague	7730
1455	Friedman	Swanson	6000
1456	Spring Valley	Pacific	2846
1457	Same	Musto	15208
1458	Same	Grassi	5645
1459	Tay Co.	Brode	3335
1460	Pratt	Owner	3000
1461	Bergstrom	Owner	2000
1462	Allen	Owner	1000
1463	Kleiber	Zimmerman	1200
1464	Selinski	Dahl	2000
1465	Powey	Delmarter	3950
1466	Parkside	Owner	12000
1467	Nelson	Owner	32000
1468	Forrest	Morrison	4000
1469	Maumus	Owner	40000
1470	S F SOC	Salanave	1800
1471	Breitman	Arnott	2600
1472	McFarland	Wolfenden	37500
1473	Bierbaum	Hoff	1200
1474	Nyman	Owner	4000
1475	More	Muller	1800
1476	Wright	Ferguson	1900
1477	S F Society	Salanave	—
1478	McDonough	Owner	40000
1479	Nichols	Meyer	3000
1480	Todhunter	Todhunter	9000
1481	Pietrantuoni	Owner	3000
1482	Sorbi	Sorbi	3000
1483	Anderson	Owner	3000
1484	Nichols	Meyer	6000
1485	Keesling	Chase	1625
1486	Nagren	Owner	3500
1487	Heppner	Owner	4000
1488	Lindeman	Owner	5000
1489	Cassidy	Sullivan	4500
1490	Lindeman	Owner	5000
1491	Donovan	Theinson	9000
1492	Baker	Gompertz	70000
1493	Woods	Mullen	1800
1494	Getz	Owner	17500
1495	Hermann	Hogberg	12000
1496	Engesser	McCauly	1500
1497	Phelan	Owner	8500
1498	Rickey	Merchant	38550
1499	Same	Coleman	2644
1500	McCarthy	Arnott	3100
1501	Campbell	Tubbs	2250
1502	Fitzhugh	Nelson	33288
1503	Same	Turner	34100
1504	Golden Rule	Steinauer	9630
1505	Nelson	Owner	12000
1506	Hansen	Otten	13800
1507	Plum	Owner	20000
1508	Janssen	Owner	8000
1509	Same	Same	21000
1510	Klahn	Owner	20000
1511	von der Luth	Steiger	4500
1512	Warden	Owner	3000
1513	Gray	Owner	4000
1514	O'Connor	Elvin	4164
1515	Becker	Owner	10000
1516	Lalb	Nelson	26628
1517	Same	Metzner	1740
1518	Same	May	1475
1519	Same	Silva	2175
1520	Rothenberg	Kenealiy	3500
1521	Warfield	Martin	1092
1522	Oswald	Peterson	12000
1523	Sharman	Owner	2900
1524	Peterson	Owner	4000
1525	Rolph	Owner	16000
1526	Watson	Owner	5000
1527	Bantel	Owner	3800
1528	Connett	McCarthy	5200
1529	Janssen	Owner	4500
1530	Wagner	Owner	3500
1531	Ells	Owner	12000
1532	Hoffman	G G Iron	1400
1533	Stevens	Federal	1000
1534	Pierscinski	Ohlsen	1500
1535	Metropolitan	Back	5739
1536	Roz	Farnacchia	6250
1537	Bantel	Sharman	5000
1538	Moglia	Mager	1638
1539	Federal Bank	Cal Art	21986
1540	Connett	McCarthy	6200

FRAME FLATS
(1437) S CLAY 150 W Steiner. Two-story and basement frame (2) flats.
Owner—Emma S. Saunders, Premises.
Architect—None.
Contractor—Alfred Lequat, 3535 Sacramento St., San Francisco. $10,000

FRAME FLATS
(1438) W TWENTY-FIRST AVE 230 S Cabrillo. Two-story and basement frame (2) flats.
Owner—Joseph Burns, 2677 McAllister St., San Francisco.
Architect—None.
Contractor—John Burns, 2614 McAllister St., S. F. $6000

DWELLING
(1439) E LISBON 125 W Italy. One-story and basement frame dwlg.
Owner—Patrick Horgan, 915 Pierce St., San Francisco.
Architect—None. $3000

ALTERATIONS
(1440) NO. 1578 NINTH AVE. Move cottage; concrete foundation and floor; new stairs (dwelling).
Owner—Edward B Sweeney, Premises.
Architect—None.
Contractor—Chas. S. Delaney, 2415 Bush St., San Francisco. $1000

DWELLING
(1441) W FOLSOM 75 S Twelfth. One-story and basement frame dwlg.
Owner—Orlando Frediani, 1609 Folsom St., San Francisco.
Architect—John P. Cuneo, 5079 Mission St., San Francisco.
Contractor—John P. Cuneo, 5079 Mission St., San Francisco. 04500

DWELLING
(1442) E MIZPAH 134½ N Chenery. One-story and basement frame dwelling.
Owner—Kronquist & Jacobsen, 645 Diamond St., San Francisco.
Architect—H. J. Kronquist, 645 Diamond St., S. F. $3000

ALTERATIONS
(1443) SE AUSTIN AND VAN NESS Ave. Alter for automobile agency; erect office partitions and mezzanine floor.
Owner—I. Rosenthal.
Architect—None.
Contractor—George Wagner, 251 Kearny St., San Francisco. $10,000

RESIDENCE
(1444) N IRVING 95 E Thirty-fifth Ave. One-story and basement frame residence.
Owner—H. E. Nolan, 1445 25th Ave., San Francisco.
Architect—None.
Contractor — Sutherlin & Smith, 1475 47th Ave., San Francisco. $4500

DWELLING
(1445) W PRENTISS 100 N Powhattan One-story and basement frame dwelling.
Owner—John and Julia Campbell, 84 Prentiss St., San Francisco.
Architect—None.
Contractor—C. H. Tubbs, 36 Prague St., San Francisco. $2250

ALTERATIONS
(1446) NO. 314 COURTLAND AVE Alterations and additions to flats
Owner—D. Codino, Premises.
Plans by Contractor.
Contractor—Marcus Eads, 631 Andover St., San Francisco. $2185

ALTERATIONS
(1447) E TAYLOR 40 N Market. Remove concrete stairs to basement; cover opening with reinforced concrete slab; install mezzaninz floor; and change location of vent duct and flues for store room.
Owner—Owl Drug Co., 611 Mission St., San Francisco.
Architect — Rist & Riedy, 850 Pacific Bldg., San Francisco. $2000

ALTERATIONS
(1448) NO. 988 MARKET. Remove existing concrete floor slab and cue steel beams; install steel columns and beams and reinforced concrete stair slab for cafeteria.
Owner—Warfield Cafeteria, 210 Warfield Bldg., San Francisco.
Architect — Rist & Riedy, 850 Pacific Bldg., San Francisco. $1000

DWELLING
(1449) W CURTIS 225 N Morse. One story and basement frame dwlg.
Owner—E. J. Hargrave, 360 London St., San Francisco.
Plans by Owner. $3400

DWELLINGS
(1450) E OTSEGO 25, 50, 75, 100, 125, 150, 175, 200, 225 and 250 N San Juan. Ten one-story and basement frame dwellings.
Owner—Walter E. Hansen, 1919 San Jose Ave., San Francisco.
Architect—None. $3000 each

DWELLING
(1451) W MIRAMAR 75 N Holloway. One-story and basement frame dwelling.
Owner—John B. Preston, 212 Granada Ave., San Francisco.
Architect—None.
Contractor—S. Larsen, 146-A Highland Ave., San Francisco. $3000

ALTERATIONS
(1452) NW FILBERT AND LAGUNA W 27xN 90. All work except painting, shades and light fixtures for alterations to building.
Owner—H. C. Barner, 2600 Howard St., San Francisco.
Architect—E. A. Newmarkel, 544 Market St., San Francisco.
Contractor—W. J. Black, 1306 Guerrero St., San Francisco.
Filed Apr. 12, '23. Dated Apr. 12 '23.
Ready for lathing.....$1610
Building plastered 1610
Completed and accepted..... 1610
Usual 35 days..... 1612
TOTAL COST, $8442
Bond, $3225. Sureties, Mrs. W. J. Black and Miss M. I. Niabet. Limit, 75 days. Forfeit, none. Plans and specifications filed.

MFG. BLDG.
(1453) SW FOLSOM AND ALICE W 54-6xS 90. All work except fixtures, shades, electric, painting, plumbing, glass, elevator, plaster ofor two-story and mazzanine manufacturing building.
Owner—Bertha N. Greenberg, 225 Bush St., San Francisco.
Architect — Sam L. Hyman, Foxcroft Bldg., San Francisco.
Contractor—O. W. Britt, 180 Jessie St., San Francisco.
Filed Apr. 12, '23. Dated Apr. 5, '23.
Payments on 5th of each month of money actually paid out.....
Usual 35 days .....Balance
TOTAL COST, not to exceed $18,350 and $1000 for contractor.
Bond, none. Limit, 75 days. Forfeit, none. Plans and specifications filed.

BUILDING
(1454) S FORD 110 E Noe E 50xS 114 All work for building.
Owner—B. B. Rogers and Carroll E. Rogers, 527 Commercial St., S. F.

Architect — Righetti & Hirschfeld, 12 Geary St., San Francisco.
Contractor — J. B. Sprague, 387 Coleridge St., San Francisco.
Filed April 12, '23. Dated Apr. 11, '23.
Concrete poured $1932.50
Frame completed 1932.50
Brown coated 1932.50
Completed and accepted.... 1932.50
TOTAL COST, $7730.00
Bond, none. Limit, 120 days. Forfeit, plans and specifications, none.

DWELLING
(1455) E THIRTY-FOURTH AVE 100 S Taraval S 50xE 120. All work for one-story and basement frame dwelling.
Owner—Samuel L. and Hannah Friedman, 2051 Scott St., S. F.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.
Contractor—Ernest Swanson, 180 Jessie St., San Francisco.
Filed April 12, '23. Dated Feb. 6, '23.
Enclosed and roof on.....$1500
Brown coated 1500
Completed and accepted..... 1500
Usual 35 days..... 1500
TOTAL COST, $6000
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

SHEET METAL WORK
(1456) NW MASON AND DERBY N 60 xW 77-6. Sheet metal work and roofing for building.
Owner—Spring Valley Water Co., 375 Sutter St., San Francisco.
Architect — Willis Polk Co., Hobart Bldg., San Francisco.
Contractor—Pacific Rolled Metals Co., 715 Harrison St., San Francisco.
Filed April 12, '23. Dated Feb. 8, 1923.
On 15th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $2846
Bond, $1500. Surety, Hartford Accident & Indemnity Co. Limit, June 1, 1923. Forfeit, $10. Plans and specifications filed.

(1457) MARBLE WORK ON ABOVE.
Contractor—Jos. Musto Sons-Keenan Co., 565 North Point St., S. F.
Filed April 12, '23. Dated Mar. 29, '23
Payments same as above.....
TOTAL COST, $15,208
Bond, $7700. Surety, Hartford Accident & Indemnity Co. Limit, June 1, 1923. Forfeit, $10. Plans and specifications filed.

FRAME BLDG.
(1504) SE ELEVENTH AVE AND Clement. All work for two-story and basement frame building.
Owner—Golden Rule Investment Co., Samuel Blum, Russ Bldg., S. F.
Architect—Andrew H. Knoll, Hearst Bldg., San Francisco.
Contractor—S. Steinauer, 109 Cornwall St., San Francisco.
Filed Apr. 16, '23. Dated Mar. 26, '23.
75% of work done and material furnished 30 days from date hereof and 75% every 15 days thereafter .....
Usual 35 days..... 25%
TOTAL COST, $9630
Bond, $4815. Surety, United States Fidelity & Guaranty Co. Limit, 39 days. Forfeit, $10. Plans and specifications filed.

FRAME FLATS
(1505) NE SEVENTEENTH AVE & Balboa. Two-story and basement frame (4) flats.
Owner — N. J. Nelson, 846 42nd Ave., ½ San Francisco.
Architect—None. $12,000

DWELLINGS
(1506) E TWENTY-SEVENTH AVE 187-6 and 206-3 S West Clay. Two two-story and basement frame dwellings.
Owner—J. B. Hanson, 85 Santa Rita Ave., San Francisco.
Architect—None.
Contractor—H. P. Otten, 131 10th Ave., San Francisco. $6900 each

APARTMENTS
(1507) SE TAYLOR AND PACIFIC. Three-story and basement frame (9) apartments.
Owner—Luis Blum, 180 Jessie St., San Francisco
Architect—C. O. Clausen, Hearst Bldg., San Francisco. $20,000

DWELLINGS
(1508) W TWENTY-THIRD AVE 150 S Anza.
S JUDAH 95 E Sixth Ave. Two one-story and basement frame dwellings.
Owner—E. A. Janssen, 402 Hearst Bldg. San Francisco.
Architect—None. $4500 each

DWELLINGS
(1509) E THIRTY-FIRST AVE 250 N Geary.
E FORTY-FIRST AVE 150 N Cabrillo.
E TWENTY-SIXTH AVE 225 S Anza.
E TWENTY-THIRD AVE 150, 175 and 200 S Balboa. Six one-story and basement frame dwellings.
Owner—E. A. Janssen, 402 Hearst Bldg. San Francisco.
Architect—None. $3500 each

FLATS
(1510) NE IRVING & EIGHTEENTH Ave. and N Irving 45 E 18th Ave. Two two-story & basement frame flats (4 flats each).
Owner—Arthur H. Klahn, 1334 21st Ave., San Francisco.
Architect—None. $10,000 each

RESIDENCE
(1511) NO. 1035 ASHBURY. Addition of rooms to residence.
Owner—Dr. H. O. von der Luth, 1035 Ashbury St., San Francisco.
Architect—None.
Contractor—H. Steiger, 1630 Haight St., San Francisco. $4500

DWELLING
(1512) W ELEVENTH AVE 75 S Kirkham. Two-story and basement frame dwelling.
Owner—F. Warden, 825 Monadnock Bldg., San Francisco.
Architect—J. C. Hladik, Mondanock Bldg., S. F. $3000

DWELLING
(1513) W FORTY-FIFTH AVE 263 N Anza. One-story and basement frame dwelling.
Owner—H. E. Gray, 1427 Larkin St., San Francisco.
Architect—None. $4000

FACTORY
(1514) SE HARRISON AND JUNIPER. One-story frame carbon paper factory.
Owner—Francis J. O'Connor, Santa Rosa, Calif.
Architect—None.
Contractor—Arthur Elvin, 180 Jessie St., San Francisco. $4164

BRONZE WORKS
(1515) W DORE 125 S Howard. One-story concrete ornamental iron and bronze works.
Owner—Geo. Becker, 1233 Bellevue Ave., Burlingame.
Architect—None. $10,000

APARTMENTS
(1516) S CLAY bet. Presidio Ave. and Walnut No. 3337 Clay St. Carpenter work, plastering and electrical work for two-story frame apartments.
Owner—Olga D. Laib, 2037 Baker St., San Francisco.
Architect—Arthur J. Laib, 2037 Baker St., San Francisco.
Contractor—Emil Nelson, 4835 Geary St., San Francisco.
Filed Apr. 17, '23. Dated Mar. 31, '23.
Frame up $6632
Brown coated 6632
Completed and accepted..... 6632
Usual 35 days..... 6632
TOTAL COST, $26,628
Bond, $13,314. Sureties, Chas. Monson. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(1517) PAINTING, TINTING AND papering on above.
Contractor—Metzner & Christensen, 440 Grove St., San Francisco.
Filed Apr. 17, '23. Dated Mar. 31, '23.
Painting ½ completed.....$700
Completed and accepted..... 500
Usual 35 days..... 540
TOTAL COST, $1740
Bond, none. Limit, without delay. Forfeit, none. Plans and specifications filed.

(1518) SEWERING, GAS, WATER, etc., on above.
Contractor—Gus May, 3668 18th St., San Francisco.
Filed April 17, '23. Dated Mar. 31, '23.
Roughed in $1000
Completed and accepted..... 475
TOTAL COST, $1475
Bond, none. Limit, without delay. Forfeit, none. Plans and specifications filed.

(1519) HEATING AND HOT WATER system on above.
Contractor—A. J. Silva, 504 Gough St., San Francisco.
Filed Apr. 17, '23. Dated Mar. 31, '23.
Roughed in $1000
Completed and accepted..... 775
Usual 35 days..... 400
TOTAL COST, $2175
Bond, none. Limit, without delay. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(1520) E SIXTH 205 N Brannan running through to Morris Ave. All work for alterations to one-story brick building.
Owner—M. Rothenberg.
Architect—O. R. Thayer, 110 Sutter St., San Francisco.
Contractor—H. J. Keneally, 2175 Green St., San Francisco.
Filed Apr. 17, '23. Dated Apr. 13, '23.
Ready for roof trusses.....$875
Work 75% completed..... 875
Completed and accepted..... 875
Usual 35 days..... 875
TOTAL COST, $3500
Bond, none. Limit, 65 days. Forfeit, $5. Plans and specifications filed.

CAFETERIA
(1521) NO. 992 MARKET, Loews Warfiled Theatre Bldg. Structural steel froms, reinforcing steel and concrete work for main entrance of cafeteria in basement.
Owner—The Warfield Cafeteria, 210 Warfield Bldg., San Francisco.
Architect—Rist & Riedy, Pacific Bldg., San Francisco.
Contractor—Wm. Martin, 180 Jessie St., San Francisco.
Filed Apr. 17, '23. Dated Apr. 16, '23.
On completion $1092
TOTAL COST, $1092
Bond, none. Limit, 30 days. Forfeit, none. Plans and specifications filed.

RESIDENCE
(1522) E FUNSTON AVE 60 N Fulton 30x92-6. All work for two-story and basement frame residence and garage in rear.
Owner—Henry and Cecilia L. A. Oswald, 1760 Union St., San Francisco
Architect—None.
Contractor—A. Peterson and E. Dahlberg, 330 Moraga St., San Francisco
Filed Apr. 17, '23. Dated Apr. 16, '23.
Frame up .....$——
When plastered ..... ——
Completed and accepted..... ——
Usual 35 days..... ——
TOTAL COST, $12,000
Bond, limit, forfeit, none. Plans and specifications filed.

DWELLING
(1523) E TWENTY-NINTH AVE 50 N Balboa. One-story and basement frame dwelling.
Owner—T. L. Sharman, 1440 Shafter Ave., San Francisco.
Architect—None. $2900

DWELLING
(1524) SW NINTH AVE AND LAWton. One-story and basement frame dwelling.
Owner—Dahlberg-Peterson, 330 Moraga St., San Francisco.
Architect—None. $4000

RESIDENCE
(1525) E LYON 50¾ N Union. Two-story & basement frame residence
Owner—Jane Elizabeth Rolph, 425 Kearny St., San Francisco.
Architect—W. H. Crim Jr., 425 Kearny St., San Francisco. $16,000

DWELLINGS
(1526) W FORTY-FIFTH AVE 60 and 90 N Anza. Two one-story and basement frame dwellings.
Owner—G. E. Watson, 280 17th Ave., San Francisco.
Architect—None. $2500 each

DWELLING
(1527) E TWENTY-NINTH AVE 25 N Balboa. One-story and basement frame dwelling.
Owner—Chas. Bantel, 1040 Larkin St., San Francisco.
Architect—None. $3800

DWELLING
(1528) W SHRADER 210-7 S 17th. One-story and basement frame dwelling.
Owner—H. Connett, 1531 Shrader St., San Francisco.
Architect—None.
Contractor—John E. McCarthy, 1479 12th Ave., San Francisco. $5200

DWELLING
(1529) E TWENTY-SIXTH AVE 220 S Lake. One-story and basement frame dwelling.
Owner—E. A. Janssen, 402 Hearst Bldg. San Francisco.
Architect—None. $4500

ALTERATIONS
(1530) NO. 251 KEARNY. Build offices on roof; terra cotta tile walls, complete steel frame; reinforced concrete roof slab.
Owner—George Wagner, Premises.
Architect—None. $3500

FRAME FLATS
(1531) NE ANZA AND FIFTH AVE. Two-story and basement frame (4) flats.
Owner—Chas. E. Ellis, 1011 Lake St., San Francisco.
Architect—None. $12,000

SHOP
(1532) N KISSLING 184-6 E Twelfth. One-story frame iron work shop.
Owner—C. L. Hoffman, 1541 Howard St., San Francisco.
Architect—Andrew H. Knoll, Hearst Bldg., San Francisco.
Contractor—Golden Gate Iron Works, 1541 Howard St., S. F. $1400

ELECTRIC SIGN
(1533) NO. 216 MARKET. Erect single faced horizontal electric sign.
Owner—Orlando Stevens, Premises.
Architect—None.
Contractor—Federal Elec. Co., 91 New Montgomery St., S. F. $1000

DWELLING
(1534) S DUBLIN 75 W Russia. One-story and basement frame dwlg.
Owner—C. L. Pierscinski, 21 Dublin St., San Francisco.
Architect—None.
Contractor—A. H. Ohisen, 2426½ Pine St., San Francisco. $1500

ALTERATIONS
(1535) NE PINE AND STOCKTON E. 137-6xN 275. Remove concrete floor and lay marble floor in basement corridor and install linotile elevator mats in building.
Owner—Metropolitan Life Ins. Co., Premises.
Architect—J. R. Miller and T. L. Pflueger, Lick Bldg., S. F.
Contractor—J. E. Back Co., 1533 San Bruno Ave., San Francisco.
Filed Apr. 18, '23. Dated Apr. 18, '23.
On 5th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $5739
Bond, $2869.50. Sureties, R. H. Van Norden and Kareh A. Van Niel. Limit, 35 days. Forfeit, none. Plans and specifications filed.

FRAME BLDG.
(1536) LOT 32-6 ON W Montgomery and 62-6 on N Greenwich. All work except grading, electric wiring, painting, glass, glazing, finish hardware, shades for two-story and basement frame building.
Owner—Julius P. Roz, 671 Union St., San Francisco.
Architect—Louis Mastropasqua, 580 Washington St., San Francisco.
Contractor — J. Farnocchia Co., 1812 Powell St., San Francisco.
Filed April 18, '23. Dated Apr. 10, '23.
Roof on $1562.50
Celoted walls on..... 1562.50
Completed and accepted..... 1562.50
Usual 35 days..... 1562.50
TOTAL COST, $6250.00
Bond, $3125. Sureties, G. Mosca and L. Lombardi. Limit, 90 days. Forfeit, none. Plans and specifications filed.

BUNGALOW
(1537) E TWENTY-NINTH AVE 25 N Balboa N 25xE 82-6. All work for five-room bungalow and garage
Owner—Chas. and Grace L. Bantel.
Architect—None.
Contractor—T. L. and T. R. Sharman, 1440 Shafter Ave., S. F.
Filed Apr. 18, '23. Dated Mar. 19, '23.
Frame up $1250
Brown coated 1250
Completed and accepted..... 1250
Usual 35 days..... 1250
TOTAL COST, $5000
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications, none.

ALTERATIONS
(1538) E HAMPSHIRE 74 S Army 25 x100. All work for alterations to one-story frame dwelling.
Owner—Ferdinando Moglia.
Architect—None.
Contractor—Mager Bros., 1318 Valencia St., San Francisco.
Filed Apr. 18, '23. Dated Apr. 16, '23.
Brown coated $800
Completed 838
TOTAL COST, $1638
Bond, limit, forfeit, plans and specifications, none.

BANK BLDG.
(1539) NW SACRAMENTO AND BATTERY W 275xN 119-6. Ornamental iron and bronze work for seven-story Class A bank building.
Owner—Federal Reserve Bank of San Francisco.
Architect—Geo. A. Kelham, Sharon Bldg., San Francisco.
Contractor—California Artistic Metal & Wire Co., 349 7th St., S. F.
Filed April 18, '23. Dated April 19, '23.
On 10th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $21,986
Bond, $10,993. Surety, Fidelity & Deposit Co. of Maryland. Limit, forfeit, none. Plans and specifications filed.

FRAME BLDG.
(1540) W SHRADER 210-7 S 17th W 178-6½ S 25 E 180-1⅜ N 25-1. All work for one-story and basement frame building.
Owner—H. Connett and Margaret E. Connett, 1531 Shrader St., S. F.
Plans by Contractor.
Contractor — John E. McCarthy, 1479 12th Ave., San Francisco.
Filed April 18, '23. Dated April 17, '23.
Frame up $1300
Brown coated 1300
Completed and accepted..... 1300
Usual 35 days..... 1300
TOTAL COST, $5200
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(1458) TRAVERTITE WORK AND terrazzo floor on above.
Contractor—P. Grassi & Co., 135 Tehama St., San Francisco.
Filed April 12, '23. Dated Mar. 29, '23.
Payments same as above.....
TOTAL COST, $5645
Bond, $3000. Surety, New Amsterdam Casualty Co. Limit, June 1, 1923. Forfeit, $10. Plans and specifications filed.

R C BLDG.
(1459) N NATOMA AND EIGHTH NW 75xNE 275. Steel pipe racks for two-story reinforced concrete bldg.
Owner—George H. Tay Co., SE Second and Mission Sts., San Francisco.
Architect—J. E. Krafft & Sons, Phelan Bldg., San Francisco.
Contractor — Brode Iron Works, 31 Hawthorne St., San Francisco.
Filed April 12, '23. Dated Mar. 30, '23.
Completed and accepted.....$2500
36 days after..... 835
TOTAL COST, $3335
Bond, $1700. Surety, Union Indemnity Co. Limit, without delay. Forfeit, none. Plans and specifications filed.

DWELLING
(1460) E THIRTY-SEVENTH AVE 150 N Cabrillo. Two-story and basement frame dwelling.
Owner—Roy A. Pratt, 7140 Geary St., San Francisco. $3000
Architect—None.

DWELLING
(1461) W PUTNAM 50 S Jarboe. One-story and basement frame dwlg.
Owner—Geo. Bergstrom, 31 Downey St., San Francisco.
Architect—None. $2000

ALTERATIONS
(1462) NO. 1619 POLK. Alter store front.
Owner—Allen & Co., 168 Sutter St., San Francisco.
Architect—Earle B. Bertz, 168 Sutter St., San Francisco. $1000

CEMENT FLOOR
(1463) NE FOLSOM AND JUNIPER. Cement floor, 100x79 ft.
Owner—Kleiber Truck Co., 11th and Folsom Sts., San Francisco.
Architect—None.
Contractor—L. M. Zimmerman, 180 Jessie St., San Francisco. $1200

ALTERATIONS
(1464) NO. 1367 ELEVENTH AVE. Plaster front; cement flooring, etc. for basement garage; hardwood floors in residence.
Owner—M. Selinski, Premises.
Architect—S. C. Hladik, Monadnock Bldg., San Francisco.
Contractor—Alfred Dahl, 1112 Market St., San Francisco. $2000

DWELLING
(1465) NE THIRTY-FIFTH AVE AND Geary. One-story and basement frame dwelling.
Owner—Francis Powey, 298 20th Ave., San Francisco.
Designer—C. D. Delmartar, 5540 Geary St., San Francisco.
Contractor—C. D. Delmartar, 5640 Geary St., San Francisco. $3950

DWELLINGS
(1466) W THIRTY-FIFTH AVE 100, 125 and 150 S Taraval. Three one-story and basement frame dwlgs.
Owner—Parkside Realty Co., 617 Crocker Bldg., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. $4000 each

APARTMENTS
(1467) W DIVISADERO 52 and 70 S California. Two two-story and basement frame (5 in each) apartments.
Owner—Emil Nelson, 4835 Geary St., San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco. $16,000 ea

DWELLING
(1468) NE GRANT AND NEY. One-story and basement frame dwlg.
Owner—Henrietta Forrest, 251 San Jose Ave., San Francisco.
Designer—John R. Morrison, 3232 21st St., San Francisco.
Contractor — John R. Morrison, 3232 21st St., San Francisco. $400

DWELLINGS
(1469) NW ENTRADA AND BORICA; SW URBANO AND BORICA.
S ENTRADA 120, 195, 350, 400, 450 and 500 W Borica. Eight one-story and basement frame dwlgs.
Owntr—A. E. Maumus, 85 Cerritos Ave., San Francisco.
Architect—G. Francis Carney, 85 Cerritos Ave., S. F. $5000 each

ALTERATIONS
(1470) ALABAMA & SIXTEENTH. Rearrange offices; covering ceiling with Beaver Board, painting, etc.
Owner—S. P. Society for the Prevention of Cruelty to Animals, prem.
Engineer—C. Heller, 57 Post St., San Francisco.
Contractor — J. Salanave, 931 Pacific St., San Francisco. $1800

RESIDENCE
(1471) S HOLLOWAY AVE 50 W Faxon Ave W 25xS 100 Lot 32 Blk 22, Lakeview. All work for one-story frame residence.
Owner—Max and Mildred A. Breitman, 2735 Clay St., San Francisco.
Plans by Contractor.
Contractor—James Arnott & Son, 235 Granville Way, San Francisco.
Filed April 13, '23. Dated Mar. 17, '23.
Frame up 25%
Brown coated 25%
Completed and accepted..... 25%
Usual 35 days..... 25%
TOTAL COST, $2600
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

APARTMENTS
(1472) W TAYLOR 72-6 N Clay. Three story and basement frame (9) apartments.

Owner—O. C. McFarland, 1115 Taylor St., San Francisco.
Architect—None.
Contractor — George Wolfenden, 827 Waller St., S. F. $37,500

PLASTER FRONT
(1473) SW BUCHANAN AND LILY Ave. Plaster front.
Owner—B. Bierbaum, 828 Quintara St., San Francisco.
Architect—None.
Contractor—Hoff Magnesite Co., 333 Monadnock Bldg., S. F. $1200

DWELLING
(1474) N ROLPH 75 W Paris. One-story and basement frame dwlg.
Owner—Carl E. Nyman, 755 Capp St., San Francisco.
Architect—None. $4000

ALTERATIONS
(1475) N GEARY 200 E Taylor. Erect mezzanine floor, plaster board partitions, etc., for store.
Owner — Frank More, 285 Geary St., San Francisco.
Architect—Mullen Mfg. Co., 64 Rausch St., San Francisco.
Contractor — Mullen Mfg. Co., 64 Rausch St., San Francisco. $1800

ALTERATIONS
(1476) NO. 2590 UNION. Alter and repair residence.
Owner—Mrs. E. C. Wright, Premises.
Architect—None.
Contractor—Ferguson & Son, 1739 Union St., San Francisco. $1900

ALTERATIONS
(1477) NE SIXTEENTH AND ALABAMA. All work for alterations & additions to building.
Owner—The San Francisco Society of Prevention of Cruelty to Animals, Premises.
Architect—C. Heller, 57 Post St., San Francisco.
Contractor—J. Salanave, 931 Pacific St., San Francisco.
Filed April 14, '23. Dated April 13, '23.
As work progresses..... 85%
Usual 35 days.....Balance
TOTAL COST—Contractor to receive actual cost plus 10%.
Bond, limit, forfeit, plans and specifications, none.

FLATS
(1478) W EIGHTEENTH AVE 225, 250, 275, 300 and 375 N Fulton. Five two-story and basement frame (2 in each) flats.
Owner—M. McDonough, 22 Fairmount St., San Francisco.
Architect—None. $8000 each

DWELLING
(1479) SE BALBOA AND FORTY-seventh Ave. Two-story and basement frame dwelling.
Owner—B. Nichols, 5326 Geary St., San Francisco.
Architect—None.
Contractor — Meyer Bros., 5326 Geary St., San Francisco. $3000

RESIDENCE
(1480) E LARKIN 92-2 N Filbert. Two-story and basement frame residence.
Owner—F. A. Todhunter, 1172 Greenwich St., San Francisco.
Architect—None.
Contractor — Geo. C. Todhunter, 1088 Ashbury St., San Francisco. $9000

DWELLING
(1481) N MAYNARD 100 W Congdon. One-story and basement frame dwelling.
Owner—C. Pietrantuoni, 532 Lombard St., San Francisco.
Architect—None. $3000

DWELLING
(1482) E EDINBURGH 75 N Brazil. Two-story and basement frame dwlg.
Owner — D. Sorbi, 353 Edinburgh St., San Francisco.
Architect — Frederick G. Monk, 58 Francis St., San Francisco.
Contractor—A. Sorbi, 534 Edinburgh St., San Francisco. $3000

DWELLING
(1483) W SEVENTEENTH AVE 275 S Lincoln Way. One-story and basement frame dwelling.
Owner—Anderson Bros., 1284 Noe St., San Francisco.
Architect—None. $3000

DWELLINGS
(1484) E FORTY-SEVENTH AVE 36 and 61 S Balboa. Two one-story and basement frame dwellings.
Owner—B. Nichols, 5326 Geary St., San Francisco.
Architect—None.
Contractor—Meyer Bros., 5326 Geary St., San Francisco. $3000 each

GARAGE
(1485) NO. 20 PRESIDIO TERRACE. Construct reinforced concrete private garage; construct brick runway.
Owner—Francis V. Keesling, Premises.
Architect—None.
Contractor — S. A. Chase, 80 Douglas St., San Francisco. $1625

DWELLING
(1486) N MORAGA 82-6 E Eleventh Ave. One-story and basement frame dwelling.
Owner—George Nagren, 81 Downey St., San Francisco.
Architect—None. $3500

RESIDENCE
(1487) LOT 23 BLK 25, San Monica Way (St. Francis Wood). One-story and basement frame residence.
Owner—Dr. Maurice Heppner, Butler Bldg., San Francisco.
Architect — Morrow & Garren, 1605 Chronicle Bldg., S. F. $4000

DWELLING
(1488) E TWENTY-FOURTH AVE 210 S Cabrillo. One-story and basement frame dwelling.
Owner—H. O. Lindeman, 619 27th Ave., San Francisco.
Designer—W. R. Lindeman, 630 Balboa St., San Francisco. $5000

DWELLING
(1489) E FORTY-FOURTH AVE 275 N Kirkham. One-story and basement frame dwelling.
Owner—Edward Cassidy, 337 San Jose Ave., San Francisco.
Architect—None.
Contractor—T. D. Sullivan, 927 Hampshire St., San Francisco. $4500

DWELLING
(1490) E TWENTY-FOURTH AVE 185 S Cabrillo. One-story and basement frame dwelling.
Owner—H. O. Lindeman, 619 27th Ave., San Francisco.
Designer—W. R. Lindeman, 530 Balboa St., San Francisco. $5000

STORE AND FLAT
(1491) S McALLISTER 30 E Octavia. Two-story frame store and flat.
Owner—Mrs. M. Donovan, 225 Cole St., San Francisco.
Architect—None.
Contractor—Thainson & Storison Bros., 2329 Sacramento St., S. F. $9000

WAREHOUSE
(1492) NE SECOND AND BRYANT. Three-story and basement reinforced concrete warehouse.
Owner—Baker Joslyn Co., 1st and Harrison Sts., San Francisco.
Architect—None.
Contractor—Chas. W. Gompertz, 403 Mills Bldg., S. F. $70,000

ALTERATIONS
(1493) NO. 129 GEARY. New store front.
Owner—H. Woods, Premises.
Architect — H. P. Vollmer, 407 Flood Bldg., San Francisco.
Contractor—Mullen Mfg. Co., 64-68 Rausch St., S. F. $1800

FACTORY
(1494) S CLEMENT 60 E Twelfth Ave. Two-story and basement brick stores and candy factory.
Owner—B. Getz, Inc., 215 Chronicle Bldg., San Francisco.
Architect—Morrow & Garren, 1605 Chronicle Bldg., S. F. $17,500

RESIDENCE
(1495) E THIRTEENTH AVE, bet. Cabrillo and Fulton. Two-story and basement brick residence.
Owner—John Hermann, 2nd Ave. and Cabrillo, San Francisco.
Architect—Frederick H. Meyer, 742 Market St., San Francisco.
Contractor — E. Hogberg, 180 Jessie St., San Francisco. $12,000

ALTERATIONS
(1496) E RAMSELL 325 N Garfield. Move residence; concrete basement place hardwood floors in four rooms.
Owner—E. W. Engesser, 372 Baker St., San Francisco.
Architect—None.
Contractor — McCauly & Weber, 247 Francisco St., S. F. $1500

FRAME FLATS
(1497) N GROVE 237-6 E Clayton. Two-story and basement frame (2) flats.
Owner—P. J. Phelan, 480 Funston Ave., San Francisco.
Architect—Andrew H. Knoll, Hearst Bldg., San Francisco. $8500

LAUNDRY
(1498) N FOURTEENTH 151-2 W Howard W 149-6xN 114-9. All work except plumbing for one-story Class C building (laundry).
Owner—Arthur J. Rickey, Wm. F. Schimpferman as Rough Dry Laundry.
Architect — Frederick H. Meyer and Albin R. Johnson, 742 Market St., San Francisco.
Contractor—C. T. Merchant, 180 Jessie St., San Francisco.
Filed April 16, '23. Dated April 16, '23.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $38,550
Bond, $20,000. Sureties, Thos. F. Shumate and F. W. Herring. Limit, 100 days. Forfeit, none. Plans and specifications filed.

(1499) PLUMBING ON ABOVE. on above.
Contractor — Alexander Coleman, 706 Ellis St., San Francisco.
Filed Apr. 16, '23. Dated Apr. 16, '23.
Payments same as above.
TOTAL COST, $8644
Bond, none. Limit, 100 days. Forfeit, none. Plans and specifications filed.

BUNGALOW
(1500) N GRAFTON AVE 100 E Capitol Ave E 25xN 100 Lot 5 Blk 14, Lakeview. All work for one-story frame bungalow.
Owner—The McCarthy Co., 316 Bush St., San Francisco.
Plans by Contractor.
Contractor—James Arnott & Son, 235 Granville Way, San Francisco.
Filed Apr. 16, '23. Dated Mar. 20, '23.
30 days after frame up..... 25%
30 days after brown coated... 25%
30 days after completed and accepted 25%
30 days thereafter..... 25%
TOTAL COST, $2100
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

RESIDENCE
(1501) W PRENTICE 100 N Powhattan Ave. All work for one-story frame residence.
Owner—John and Julia Campbell, 84 Prentiss St., San Francisco.
Architect—None.
Contractor—C. H. Tubbs, 36 Prague St., San Francisco.
Filed Apr. 16, '23. Dated Apr. 11, '23.
Frame up $600
White coated 600
Completed 600
30 days after..... 450
TOTAL COST, $2250
Bond, none. Limit, July 20, 1923. Forfeit, none. Plans and specifications filed.

HEATING SYSTEM
(1502) NE POST AND POWELL N 137-6xE 162-9. All work for steam heating and ventilating system for ten-story Class A bldg.
Owner—Wm. M. and Mary E. Fitzhugh Mills Bldg., San Francisco.
Architect—Reid Bros., 105 Montgomery St., San Francisco.
Engineer—Hunter & Hudson.
Contractor—James A. Nelson, Inc., 517 6th St., San Francisco.
Filed Apr. 16, '23. Dated Apr. 13, '23.
On 10th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $13,288
Bond, $16,644. Surety, Fidelity & Deposit of Maryland. Forfeit, none. Plans and specifications filed.

(1503) PLUMBING ON ABOVE.
Contractor—The Turner Co., 272 Natoma St., San Francisco.

Filed Apr. 16, '23. Dated Apr. 13, '23. Payments same as above.....
TOTAL COST, $84,100
Bond, $42,050. Surety, Fidelity & Deposit Co. Limit, Sept. 5, 1923. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded **Accepted**

April 12, 1923—LOT 17 BLK 3173 Westwood Park. Hans and Esther E Nelson to whom it may concern .....April 10, 1923

April 12, 1923—N NATOMA AND Eighth NW 75xNE 275. George H Tay Co to California Hydraulic Eng. & Supply Co.....April 9, 1923

April 12, 1923—PTN LOTS 25 AND 26 Blk 14, Forest Hill. Ralph W Young to Robert H Kelly. Apr 9, 1923

April 12, 1923—SE SHIPLEY 425 SW Fifth SW 50xSE 155. Frank J Gimley to John J Binet. Mar. 20, 1923

April 12, 1923—SE ELEVENTH AVE and Irving E 32-6xS 100. W A Miller to whom it may concern... .....April 12, 1923

April 11, 1923—E FIFTH AVE 25 S Anza S 25xE 95. Sam Gayah to whom it may concern..Mar. 27, 1923

April 12, 1923—E DIVISADERO 68 S Union E 103-0½xS 34. Margaret S Butler to Wm Martin, Frank J Klimm, J Gibbs Sons and A Quandt & Son .....April 9, 1923

April 13, 1923—S BALBOA 133 W Fourteenth Ave 33-9x101-10. P Midbust to whom it may concern... .....April 13, 1923

April 13, 1923—NE ANZA AND SECond Ave E 32-6xN 65. E Blanckenburg to whom it may concern... .....April 13, 1923

April 13, 1923—E NOE 86-10 N Elizabeth N 25 E 127 N 2-2 E 25 S 114 W 25 N 86-10 W 127. Julia O'Brien to whom it may concern.....—

April 13, 1923—E TWENTY-SIXTH Ave — S Geary E 70xS 27 Robert H Smith to John Harder..Apr 9, 1923

April 13, 1923—NW KIRKHAM AND Sixth Ave N 25xW 95 F Monson to whom it may concern Apr. 13, 1923

Apr 14, 1923—E TWENTY-SIXTH AV 175 N Geary N 25x120. Martin and Emma Muller to whom it may concern.....April 7, 1923

April 14, 1923—E FIFTEENTH AVE 250.45 N "K" N 27xE 127-6. Lewis & Worswick Co to Jake Callaghan .....April 14, 1923

April 14, 1923—N FULTON 52-6 W Fourteenth Ave. S E Weinberg to Gus Wallen.....April 12, 1923

April 14, 1923—SW TENTH AND Mission. E L Reese to E M Walters and E T Grove.....April 14, 1923

April 14, 1923—E ASHBURY 43-6 N Piedmont N 28-8xE 100. E W Elliot to whom it may concern... .....March 31, 1923

April 16, 1923—NW FULTON 25 NE Brussels NE 70xNW 100 Ptn Blk 14, Univ. Md. Survey. R T Carroll to A Brisa.....April 16, 1923

April 16, 1923—N SEVENTEENTH 55 W Sanchez W 25xN 91-6. Martin A Fogarty to Costello Bros..... .....April 16, 1923

Aprir 16, 1923—NE 21 FT. LOT 22 and SW 16 ft. Lot 21 Blk 3, Forrest Hill. Alice M Field to Fred H Field.....April 2, 1923

April 16, 1923—NO. 954 GRANT AVE. Joe Moke to Magnuson & Peterson.....April 14, 1923

April 16, 1923—E NINTH AVE 27 S Moraga S 25xE 120. Benj C and Elsie N A Reinke to Wilson & Benson.....March 14, 1923

April 16, 1923—SE HARRISON 75 SW Langton SE 137-6xSW 40. James Madison to Butte Electric & Mfg Co and Jas H Pinkerton. Apr. 16, 1923

April 16, 1923—E RAMONA 115 S 4th 25x75. O E Carlson to whom it may concern.....April 16, 1923

April 16, 1923—W ASHBURY 76 N Page 50x106-7. Earl and Catherine S Robitscher to John J Binet... .....April 9, 1923

April 17, 1923—NW SEVENTH AVE and Judah W 100xN 50. Ernest Johnson to whom it may concern... .....April 16, 1923

April 17, 1923—S HILL 85 W Valencia W 50x114. Jas F Landini to Emil Mlander.....April 10, 1923

April 17, 1923—LOT 1 BLK 26, Forest Hill. J E and Anne Hasty to Julius Berge.....April 16, 1923

April 17, 1923—W BRUNSWICK 126 S Whittier. Amandus T Hansen to whom it may concern...April 17, 1923

April 17, 1923—LOT 22 BLK 23 St. Francis Wood Extn No. 2. St. Francis Home Bldg Co to Allen & Co.....April 13, 1923

April 18, 1923—THIRD ST. STATION. Southern Pacific Co to M Greenbergs Sons.....April 10, 1923

April 18, 1923—SE NINTH AVE AND Anza 26-8x75. Chas E Eils to whom it may concern.April 13, 1923

April 18, 1923—SE NINETEENTH & Howard S 25xE 100. Leonard D and Flora Frank to M C Ingreham to whom it may concern.Apr. 17, 1923

April 18, 1923—NW HAYES AND Ashbury 25¾x76-3. P Pontacq to Meyers Bros.....April 16, 1923

April 18, 1923—S CALIFORNIA 62 W Kearny 48-9x93-6. J H Hjul to whom it may concern...April 16, 1923

April 18, 1923—E TWENTY-NINTH Ave 100 N Taraval N 25x120. Parkside Realty Co to whom it may concern.....April 17, 1923

LIENS FILED

SAN FRANCISCO COUNTY

April 12, 1923—E FORTY-EIGHTH Ave 250 S Taraval S 75xE 120. Sunset Iron Works vs Mrs. Harvey Dale, Lawrence Dale, Harvey L Dale and Costello & Costello.....$270

April 12, 1923—N UNION 176-0⅞ W Polk W 26xN 137-6. Friedman Bros vs Minna Neller, Louis C & Adeline C Buck and George M Merritt .....$——

April 12, 1923—W FOURTEENTH Ave 224 N Cabrillo N 25xW 140. Sunset Iron Works vs Louis S and Isabel Constine & J E Barker. $145

April 13, 1923—NW ROSWORTH & Marsell. E F Euphrat (as Richmond Sanitary Mfg Co.) vs New Era Bldg Co.....213.59

April 13, 1923—W NINTH AVE 150 S Balboa. E F Euphart (as Richmond Sanitary Mfg Co) vs John Doe McCormick.....$360

April 13, 1923—E TENTH AVE 250 N Cabrillo. Richmond Sanitary Mfg Co vs John Doe McCormick..$413.40

April 13, 1923—SW REGENT & SAN Jose Ave. Richmond Sanitary Mfg Co vs New Era Bldg Co.....$63.44

April 13, 1923—NO. 447 THIRTY-fourth Ave., bet. Geary & Clement Richmond Sanitary Mfg Co vs Wm W Esher $44.25

April 13, 1923—SW HOLLY PARK & Park Circle. Richmond Sanitary Mfg Co vs New Era Bldg Co..$367.74

April 12, 1923—W TWENTIETH AVE bet. N and O Sts. Geo Harris vs Ericsson & Aitken $257.50

April 14, 1923—E FORTY-FIFTH Ave 270 S Geary—30xE 111. Theodore Christensen vs Michael J Hontalas $215

April 17, 1923—NW EIGHTH AVE and Fulton N 100xW 80. Luis Blum and Leon Blum vs Jas Duvaras.$165

April 17, 1923—N LAKE 82-6 W Second Ave. San Francisco Painting Co vs John Doe Le Galt and Nellie F Wolf $359

April 18, 1923—NW EIGHTH AVE and Fulton W 80xN 100. V Fassio (as Mission Concrete Co) vs Jas Duvaras $9000

April 18, 1923—NW FULTON AND Eighth Ave N 100xW 80. E M Hundley va James Duveras...$862.70

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

April 13, 1923—S SUNNYSIDE AVE 350 W Genesee W 37-6xS 112-6. Nettie M Libbing as to improvements on property.....

April 17, 1923—NW MARKET bet. Marshall Square and Larkin No. 1264 Market. The Van Denburgh Co as to improvements on property

BULIDERS' BOND

SAN FRANCISCO COUNTY

April 14, 1923—S GEARY 82-6 W 10th Ave W 25x100. G Longuy with Mattock & Feasey, contractors. Sureties Louis Fegeac and Clemence B Feasey. Bond, $5625.

BUILDING CONTRACTS

ALAMEDA COUNTY

$1,000 and Over Reported

The following is an index for the contracts for this issue:

No.	Owner	Contractor	Amt.
1756	Waye	Owner	4000
1757	Kronquist	Freestrom	2500
1758	Hays	Allen	3000
1759	Krieger	Owner	3500
1760	Polar	Hamilton	1000
1761	Kruse	Allen	1450
1762	Hays	Allen	6000
1763	Castle	Mason	30000
1764	Rogers	Tranmal	1700
1765	White	Lodge	8500
1766	Van Horn	Owner	3000
1767	Brown	Owner	5000
1768	Hancock	Magnini	2500
1769	Zweifel	Johnson	6800
1770	Arneson	Fedt	7300
1771	Mentch	Lodge	4000
1772	Andresen	Walker	9000
1773	Preston	Owner	1890
1774	Adams	Sonneland	3500
1775	Hinch	Owner	5000
1776	Reed	Muller	16000
1777	College	Nelson	41990
1778	Dodge	Marshall	14684
1779	Hooper	Stolte	7840
1780	Henricksen	Ambruster	2500
1781	Wright	Owner	4000
1782	Smith	Alder	6000
1783	Murphy	Dussler	6000
1784	Fabiola	Walker	175000
1785	Larson	Heden	5000
1786	Sprague	Owner	4800
1787	Weber	Oakland	8000
1788	Palmer	Rider	2500
1789	Marx	Owner	1000
1790	Russell	Russell	2000
1791	Casha	Owner	4000
1792	Gebhart	Owner	2500
1793	Thelss	Goranson	3850
1794	Wilder	De Jong	5750
1796	Marquis	Owner	2500
1796	Musquita	Brown	4000
1797	Cummings	Faulkcs	7200
1798	Marquis	Owner	5000
1799	Walstad	Owner	3000
1800	Kaelin	Graf	6000
1801	Johnson	Owner	5000
1802	Marquis	Owner	2500
1803	Spunt	Owner	6000
1804	Oakland	Tyre	13186
1805	Same	Forderer	4278
1806	Same	Forderer	5873
1807	Same	East Bay	5227
1808	Nielson	Wilson	14000
1809	Hart	Fleischer	1000
1810	Golm	Blethroad	1800
1811	Peterman	Bramlage	3000
1812	Trand	Otto	3500
1813	Celio	Baird	6625
1814	Kopperud	Baird	10000
1815	Patrick	Blucher	8775
1816	Esden	Graham	2500
1817	Mohr	Owner	9000
1818	Murray	Morrison	1500
1819	Geitner	Butzke	1200
1820	Clayton	Geary	4950
1821	Granzella	Silva	4000
1822	Chamberlain	Owner	2000
1823	Creutt	Brookes	3700
1824	Crew	Kulchar	2000
1826	Laurance	Schroeder	1200
1826	Brown	Owner	3000
1827	Lawson	Gettys	2300
1828	Johnson	Oakley	4900
1829	Berkeley	Owner	3000
1830	Clark	Norgrove	5000
1831	Durman	Owner	2000
1832	Niehaus	Owner	6500
1833	Adams	Knight	1500
1834	Opitz	Owner	2300
1835	Holz	Moe	1200
1836	Advertiser Bldg	Williams	85000
1837	Brady	Schutt	3000
1838	Moose Hall Assn	Diggs	10000
1839	Lakeshore	Cederberg	14000
1840	Estes	Allen	1600
1841	Lind	Heath	2500
1842	Cooke	Owner	4500
1843	Pollard	Owner	21000
1844	Hessen	Cal. Bldrs. Co	9000
1845	Baker	Francis	12000
1846	Smith	Cal. Bldrs.	12000
1847	Harde	Cal. Bldrs.	12000
1848	Marquis	Owner	5000
1849	Fountain	Hadley	3100
1850	Nielsen	Jensen	1600
1851	Berlin	Owner	3500
1852	Sigwald	Owner	3600
1853	Honsberge	Butler	4700
1854	Greenberg	Nall	5000
1855	French	Short	7000
1856	Heacock	Yerrick	2000
1857	Lord	Cal. Bldrs.	5000

1858	Berg	Owner	4000
1859	Caploss	Bolgar	5500
1860	Phelps	Haskill	5380
1861	Maxwiler	Metz	1050
1862	Root Est.	Ballard	3000
1863	Shipman	Owner	3000
1864	Dashiell	Owner	3000
1865	McKee	Owner	2200
1866	McKee	Owner	2400
1867	Porter	Bayliss	2500
1868	Hager	Wolfe	3000
1869	Oakland Bank	Denlville	68935

DWELLING
(1756) NO. 1707 TACOMA AVE., Berkeley. One-story 6-room dwlg.
Owner—F. L. Waye, 1734 Tacoma Ave., Berkeley.
Architect—None. $4000

ALTERATIONS
(1757) NO. 3133 HARPER ST., Berkeley. Alterations.
Owner—Miss J. Marie Kronquist, Prem
Architect—None.
Contractor — Charles Freestrom, 2912 Fulton St., Berkeley. $2500

DWELLING
(1758) NO. 2346 McKINLEY, Berkeley One-story 4-room dwelling.
Owner—Mrs. J. A. Hays.
Architect—P. V. Tuttle, 357 12th St., Oakland.
Contractor—Allen & Conrad, 357 12th St., Oakland. $3000

DWELLING
(1759) NO. 2515 KEITH, Berkeley. One-story 4-room dwelling.
Owner—C. J. Krieger, 2316 Keith Ave., Berkeley.
Architect—None. $3500

SHED
(1760) SE DERBY AND SAN PABLO Ave., Berkeley. Shed.
Owner—Polar Ice Cream Co.
Architect—None.
Contractor—M. F. Hamilton, 825 Santa Fe Ave., Berkeley. $1000

ALTERATIONS
(1761) NO. 60 THE UPLANDS, Berkeley. Alterations.
Owner—Leroy Krusi, Premises.
Architect—None.
Contractor—Allen & Conrad, 357 12th St., Oakland. 1450

DWELLING
(1762) NO. 2348 McKINLEY, Berkeley One-story 7-room dwelling.
Owner—Mrs. J. A. Hays.
Architect—P. V. Tuttle, 357 12th St., Oakland.
Contractor—Allen & Conrad, 357 12th St., Oakland. $6000

APARTMENTS
(1763) NOO. 1715-17-19-21 OXFORD St., Berkeley. Two-story 36-room apartments.
Owner—H. C. Castle, 1428 Jackson St., Oakland.
Architect—None.
Contractor—Mason McDuffie Co., Shattuck Ave. and Addison St., Berkeley. $30,000

ALTERATION
(1764) 5815 OCEAN VIEW DRIVE, Oakland. Alterations.
Owner—R. R. Rogers, 2815 Ocean View Drive, Oakland.
Architect—None.
Contractor—Tranmal & Bradhoff, 483 Crescent, Oakland. $1700

DWELLING
(1765) 5405 BROOKDALE AVE., Oakland. 1-story 5-room dwelling.
Owner—J. Franklin White, 5465 Foothill Blvd., Oakland.
Architect—None.
Contractor—C. F. Lodge, 5494 Bond St., Oakland. $3500

DWELLING
(1766) S MURIATANIA 250 E Seminary, Oakland. 1-story 5-room dwlg.
Owner—D. W. Van Horn, 5935 Muriatania, Oakland.
Architect—None. $3000

DWELLING
(1767) 1350 HOPKINS ST., Oakland. 1-story 6-room dwelling.
Owner—Brown & Stenbro, 1707 Broadway, Oakland.
Architect—None. $5000

ALT. & ADD.
(1768) 559 WALSWORTH AVE., Oakland. Alt. & Add.
Owner—V. A. Hancock, premises.
Architect—None.
Contractor—J. F. Maganini, 603 36th St Oakland. $2500

DWELLING
(1769) 1136 GLENDORA AVE., Oakland. 1½-story 6-room dwelling.
Owner—H. J. Zweifel, 3031 Colby St., Berkeley.
Architect—None.
Contractor—S. J. Johnson, 4652 Dolores Ave., Oakland. $6800

DWELLING
(1770) 900 PROSPECT AVE., Oakland. 2-story 7-room dwelling.
Owner—Arne Arneson, 2929 Union St., Oakland.
Architect—None.
Contractor—Louis Fedt, 528 25th St., Oakland. $7300

DWELLING
(1771) 2233 FORTY-SEVENTH AVE., Oakland. 1-story 5-room dwlg.
Owner—V. S. Mentch, 1405 9th Ave., Oakland.
Architect—None.
Contractor—B. F. Lodge, 5494 Bond St., Oakland. $4000

FLATS
(1772) SW COR. NINTH AVE. & E-15th St., Oakland. 2-story 13-room flats.
Owner—Mrs. Lucy M. Andersen, 1237 1st Ave., Oakland.
Architect—None.
Contractor—S. C. Walker, 3231 Boston Ave., Oakland. $9000

DWELLING
(1773) W MAPLE AVE. Opp. Kansas Oakland. 1-story 3-room dwelling.
Owner—Clyde W. Preston, 924 Center St., Oakland.
Architect—None. $1890

DWELLING
(1774) E EVERETT AVE. 165 S Leach Ave., Oakland. 1-story 5-room dwlg.
Owner—Noah Adams, Pac. Bldg., Okd.
Architect—None.
Contractor — S. R. Sonneland, Pacific Bldg., Oakland. $3500

DWELLING
(1775) 2600 NINETEENTH AVE., Oakland. 1-story 5-room dwelling.
Owner—E. M. Hinch, 414 15th St., Okd.
Architect—None. $3000

ALTERATIONS
(1776) 1631 BROADWAY, Oakland. Alterations.
Owner—Walter D. Reed, Oakland Bank Bldg., Oakland.
Architect—Reed & Corlett, Oakland Bk. Bldg., Oakland.
Contractor — P. A. Muller, Syndicate Bldg., Oakland. $16,000

BANK
(1777) NW COR SHATTUCK AVE & Addison St. N 55.42 W 94.68 S 55.16 E 90.87, Berkeley. 1-story concrete bank.
Owner—College National Bank of Berkeley, 2079 Addison St., Berkeley.
Architect—Chas. W. McCall & Chas. T. Davis, Central Bank Bldg., Oakland
Contractor—H. P. Nelson, 1947 Blake St., Berkeley.
Filed April 12, 1923. Dated Apr. 11, 1923.
1st & 15th each month 75%
Usual 35 days 25%
TOTAL COST, $41,990
Bond, $20,995; Sureties, Globe Indemnity Co.; Bonus, $10 day; Forfeit, $10 day; Limit, 80 days; Plans and specifications filed.

DWELLINGS
(1778) LOT 6 & S ½ LOT 5 BLK H, Claremont, Berkeley. 1½-sto. dwlg. and garage except owner furnishes rough lumber, shingles, siding and fence posts.
Owner—Charles S. & Hazel T. Dodge, Hillegass Ct. Apts., Berkeley.
Architect—None.
Contractor—J. A. Marshall Jr. and H. L. Palke, 18 Tanglewood Dr., Berk.
Filed April 12, 1923. Dated Apr. 4, 1923.
Roof shingled .....¼
Plastered .....¼
Completed and accepted .....¼
Usual 35 days .....¼
TOTAL COST $14,664
Bond, Sureties, none; Forfeit $1 day; Limit, 120 days; Plans and specifications, none.

DWELLING
(1779) PTN. LOTS 13 & 14 BLK K Map Central Piedmont Tract, Piedmont. 1-story dwelling.
Owner—Mary A. Hooper, Piedmont.
Architect—None.
Contractor—F. C. Stolte, 3455 Laguna St., Oakland.
Filed April 12, 1923. Dated Mar. 27, 1923.
Roof shingled .....¼
Brown coated .....¼
Completed and accepted .....¼
Usual 35 days .....¼
TOTAL COST, $7640
Bonds, Sureties, Forfeit, none; Limit, 90 days; Plans and specifications filed.

DWELLING
(1780) NO. 1925 McGEE, Berkeley. One-story 5-room dwelling.
Owner—P. Henricksen, 2418 9th St., Berkeley.
Architect—None.
Contractor—A. Ambruster, 2437 Edwards St., Berkeley. $2500

DWELLING
(1781) NO. 1515 CAPISTRANO, Berkeley. One-story 5-room dwlg.
Owner—Wm. E. Wright, 1945 Addison St., Berkeley.
Architect—None. $4000

DWELLING
(1782) 3808 DIVISION ST., Oakland. 1-story 6-room dwelling.
Owner—John Smith, 2510 E-21st St., Oakland.
Architect—None.
Contractor—Alder & Clark, 2510 E-21 St., Oakland. $6000

DWELLING
(1783) NW COR. EXCELSIOR AVE. & Barbara ltd., Oakland. 2-story 8-room dwelling.
Owner—Mrs. Eddie G. Murphy, 278 38th St., Oakland.
Architect—None.
Contractor—G. H. Duseler, 278 38th St., Oakland. $6000

HOSPITAL
(1784) NE COR. BROADWAY & MOSS, Oakland. 4-story rein. conc. maternity hospital.
Owner—Fabiola Hospital Assn., prem.
Architect — Geo. W. Kelham, Sharon Bldg., San Francisco.
Contractor—P. J. Walker Co., Sharon Bldg., S. F. $175,000

FLATS & STORE
(1785) NW COR. E-THIRTIETH ST & 23rd Ave., Oakland. 2-story 8-room flats and store.
Owner—Wm. Larson, 2323 Foothill Blvd Oakland.
Architect—None.
Contractor—O. Hedeen, 1639 21st Ave., Oakland. $5000

DWELLING
(1786) 930 VERMONT ST., Oakland. 1-story 6-room dwelling.
Owner—J. E. Sprague, 1202 Franklin St., Oakland.
Architect—None. $4800

FACTORY
(1787) S CHAPMAN 120 E Peterson, Oakland. Factory.
Owner—A. Weber, 2709 Humboldt, Oakland.
Architect—None. $8000

DWELLING
(1788) 3848 DALE PLACE, Oakland. 1-story 4-room dwelling.
Owner—J. Palmer, premises.
Architect—None.
Contractor—B. H. Rider, 3844 Allendale Ave., Oakland. $2500

ALTERATION
(1789) 468 CHETWOOD AVE., Oakland. Alteration.
Owner—A. R. Marx, premises.
Architect—None. $1000

DWELLING
(1790) 2017 EIGHTY-FOURTH AVE., Oakland. 1-story 4-room dwelling.
Owner—H. A. Russell, 229 Hackberry Ave., Modesto.
Architect—Russell & Russell 229 Hackberry Ave., Modesto. $2000

DWELLING
(1791) 4107 MERA ST., Oakland. 1-sto. 6-room dwelling.
Owner—Casha & De Vore, 1839 40th Ave., Oakland.
Architect—None. $4000

DWELLING
(1792) 2854 HOPKINS, Oakland. 1-sto. 3-room dwelling.
Owner—H. Stanley Gebhart, 1435 3rd Ave., Oakland.
Architect—None. $2500

DWELLING
(1793) W PARK BLVD. 380 S Hollywood, Oakland. 1-story 5-room dwelling.
Owner—Arthur H. Theiss, 1107 Magnolia St., Oakland.
Architect—None.
Contractor—H. Goranson, 3976 Laguna Ave., Oakland. $3850

DWELLING
(1794) LOT 239 FRUITVALE ADDITION Tract, Oakland. 1-story dwlg.
Owner—Beverly B. Wilder, 2443 Humboldt Ave., Oakland.
Architect—None.
Contractor—Louis De Jong, 2462 Wilbur St., Oakland.
Filed Apr. 13, 1923. Dated Mar. 26, 1923.
Roof on $2100
Brown coated 600
Finish fbr. on ground 1000
Completed and accepted 1050
Usual 35 days 1000
TOTAL COST, $5750
Bond, Sureties, Forfeit, none; Limit, 120 days; Plans and specifications filed.

DWELLING
(1795) NO. 2251 SANTA RITA ST., Oakland. One-story 5-room dwlg.
Owner—E. M. Marquis, 2827 Russell St., Berkeley.
Architect—None. $2500

DWELLING
(1796) NO. 1307 NINETY-SECOND Ave., Oakland. One-story 5-room dwelling.
Owner—Maria J. Musquita, 9377 B St., Oakland.
Architect—None.
Contractor—M. Brown, 1922 E-14th St., Oakland. $4000

DWELLING
(1797) NO. 724 ARIMO AVE., Oakland One-story 7-room dwelling.
Owner—C. G. Cummings.
Architect—None.
Contractor—John R. Faulkes, 9828 E-14th St., Oakland. $7200

DWELLINGS
(1798) NO. 2288-B EIGHTH AVE. & No. 2171 40th Ave., Oakland. Two one-story 5-room dwellings.
Owner—E. M. Marquis, 2827 Russell St., Oakland. $2500 each
Architect—None.

DWELLING
(1799) NO. 2877 HOPKINS ST., Oakland. One-story 4-room dwelling.
Owner—L. J. Walstad, 3225 Market St., Oakland. $3000
Architect—None.

FACTORY
(1800) W TWENTY-THIRD AVE 110 N Boehmer St., Oakland. One-story brick factory.
Owner—Joseph R. Kaelin, 1933 5th Ave Oakland.
Architect—None.
Contractor—B. H. Graf, 1532 Josephine St., Berkeley. $6000

DWELLING
(1801) NO. 580 WESLEY AVE., Oakland. One-story 6-room dwelling.
Owner—Johnson & Abdon, 530 13th St., Oakland.
Architect—None. $5000

DWELLING
(1802) NO. 2284 THIRTY-EIGHTH Ave., Oakland. One-story 5-room dwelling.
Owner—E. M. Marquis, 2827 Russell St., Berkeley.
Architect—None. $2500

DWELLINGS
(1805) NO. 733 260 739 FORTY-FIFTH St., Oakland. Two one-story 5-room dwellings.
Owner—J. Spunt, 3823 Clark St., Oakland.
Architect—None. $3000 each

BANK BLDG.
(1804) E BROADWAY 55 N Twelfth N 45xE 100, Oakland. Glazing for 17-story Class A bank and office building.
Owner—The Oakland Bank.
Architect—Reed & Corlett, Oakland Bk. of Savings Bldg., Oakland.
Contractor—Morris Tyre & Herman Lipkin (Tyre Bros. Glass Co.), 668 Townsend St., San Francisco.
Filed April 14, '23. Dated Mar. 31, '23.
On 10th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $13,185
Bond, $6593. Surety, Fidelity & Casualty Co. Limit, June 1, 1923. Forfeit, none. Plans and specifications filed.

(1805) SKYLIGHT, EXCEPT GLASS, on above.
Contractor—Forderer Cornice Works, 269 Potrero Ave., San Francisco.
Filed April 14, '23. Dated Mar. 31, '23.
Payments same as above.....
TOTAL COST, $4277
Bond, $2139. Surety, U. S. Fidelity & Guaranty Co. Limit, May 15, 1923. Forfeit, none. Plans and specifications filed.

(1806) HOLLOW METAL DOORS AND trim, except elevator, on above.
Contractor—Forderer Cornice Works, 269 Potrero Ave., San Francisco.
Filed April 14, '23. Dated April 11, '23.
Payments same as above.....
TOTAL COST, $5873
Bond, $2937. Surety, U. S. Fidelity & Guaranty Co. Limit, July 1, 1923. Forfeit, none. Plans and specifications filed.

(1807 SHEET METAL WORK ON above.
Contractor—J. P. Moeller and C. J. Kutsohmar (East Bay Sheet Metal works), 223 Broadway, Oakland.
Filed April 14, '23. Dated Mar. 31, '23.
Payments same as above.....
TOTAL COST, $5227
Bond, $2614. Surety, Union Indemnity Co. Limit, June 1, 1923. Forfeit, none. Plans and specifications filed.

FLATS
(1808) 1901-03 PARKER ST., Berkeley. 2-story 12-room flats.
Owner—W. J. Nielsen, 2543 Grove St., Berkeley.
Architect—None.
Contractor—H. P. Nelson, 947 Blake St., Berkeley. $14,000

ALTERATION
(1809) 1639 FRANCISCO, Berkeley. Alteration.
Owner—O. M. Hart, 2400 Dwight Way, Berkeley.
Architect—None.
Contractor—C. M. Fleischer, 1940 Bonita, Berkeley. $1000

DWELLING
(1810) 1219 SPRUCE, Berkeley. 1-sto. 3-room dwelling.
Owner—W. Goim, Berkeley.
Architect—None.
Contractor—D. T. Blethroad, 1413 Henry St., Berkeley. $1800

DWELLING
(1811) 1508 CAPISTRANO, Berkeley. 1-story 5-room dwelling.
Owner—H. W. Peterman, 5478 College Ave., Oakland.
Architect—None.
Contractor—E. D. Bramlage, 815 Peralta Ave., Oakland. $3000

DWELLING
(1812) 1148 JOSEPHINE, Berkeley. 2-story 5-room dwelling.
Owner—Walter C. Trand, 1034 Curtis St., Berkeley.
Architect—None.
Contractor — C. L. Otto, 958 Ordway, Berkeley. $3500

RESIDENCE
(1813) 48 MANOR DRIVE, Piedmont. 1-story 6-room residence & garage
Owner—Roy Cello, 1626 Foley,.
Architect—None.
Contractor—Leroy M. Baird, 1450 Alice St., Oakland. $6625

RESIDENCE
(1814) 139 WILDWOOD WAY, Piedmont. 2-story 11-room residence and garage.
Owner—A. H. Kopperud, 4217 Foothill, Fruitvale.
Architect—None. $10,000

RESIDENCE
(1815) 310 HIGHLAND, Piedmont. 1-story 6-room residence and garage.
Owner—J. C. Patrick, 1220 Union St., Oakland.
Architect—None.
Contractor—Clarence Blucher, 451 Van Dyke Ave., Oakland. $8775

DWELLING
(1816) 4215 E-SIXTEENTH ST., Oakland. 1-story 5-room dwelling.
Owner—H. D. Esden, 4214 E-16th St., Oakland.
Architect—None.
Contractor—C. H. Graham, 1607 High St Oakland. $2500

DWELLING
(1817) 751 & 755 MANDANA, Oakland. 2 1-story 6-room dwellings.
Owner—Geo. L. Mohl, 1810 Shattuck Ave., Berkeley.
Architect—None. $4500 ea

ALTERATION
(1818) 486 THIRTY-EIGHTH ST., Oakland. Alteration.
Owner—F. J. Murray, premises.
Architect—None.
Contractor—K. C. Morrison, 443 62nd St., Oakland. $1500

ADDITION
(1819) 679 CALMAR AVE., Oakland. Addition.
Owner—M. J. Geitner, premises.
Architect—None.
Contractor—O. H. Butzke, 1315 66th St., Berkeley. $1200

DWELLING
(1820) W SIXTY-FOURTH AVE. 144 S Hayes, Oakland. 1-story 5-room dwelling.
Owner—F. Clayton, 660 54th St., Oakland.
Architect—None.
Contractor—L. G. Geary, 524 58th St., Oakland. $4950

DWELLING
(1821) 940 THIRTY-SEVENTH ST., Oakland. 1-story 6-room dwelling.
Owner—L. Granzella, 2611 Union St., Oakland.
Architect—None.
Contractor — Silva & Luvizone, 2869 Ford St., Oakland. $4000

DWELLING
(1822) 3850 RETTERSON AVE., Oakland. 1-story 5-room dwelling.
Owner—Geo. Chamberlain, Patterson & California, Oakland.
Architect—None. $2000

DWELLING
(1823) E ARMY DRIVE, 250 N Masonic Ave., Oakland. 1-story dwlg.
Owner—W. C. Orcutt Jr., 36 Montell, Oakland.
Architect—None.
Contractor—W. R. Brookes, 2921 California St., Oakland. $3100

ALTERATION
(1824) 1310 BROADWAY, Oakland. Alterations.
Owner—Carl Crew, premises.
Architect—None.
Contractor—S. Kulchar & Co., 8th Ave., & E 10th St., Oakland. $2000

DWELLING
(1825) 2436 ORANGE AVE., Oakland. 1-story 2-room tile dwelling.
Owner—Joe Laurance, 2330 E-24th St., Oakland.
Architect—None.
Contractor—A. G. Schroeder, 1099 66th St., Oakland. $1200

DWELLING
(1826) 1434 HOPKINS ST., Oakland. 1 story 5-room dwelling .
Owner—Brown & Stenbro, 1707 Broadway, Oakland.
Architect—None. $3000

DWELLING
(1827) S E-TWENTY-SIXTH ST. 150 W 14th Ave., Oakland. 1-story 5-room dwelling.
Owner—Alice V. Lawson, Humboldt Ave., Oakland.
Architect—None.
Contractor—W. C. Gettys, 2129 E-39th St., Oakland. $2300

DWELLING
(1828) W LINCOLN AVE. 86 N Dalmath, Oakland. 1-story 6-rm dwlg.
Owner—E. Johnson.
Architect—None.
Contractor—Oakley & Kolmodin, 1911 65th Ave., Oakland. $4900

DWELLING
(1829) NO. 910 MODOC ST., Berkeley. One-story 6-room dwelling.
Owner—Berkeley Building Co., Solano and Colusa Sts., Berkeley.
Architect—None. $3000

DWELLING
(1830) NO. 1608 POSEN ST., Berkeley. One-story 6-room dwelling.
Owner — Anna M. Clark, 1205 Colusa St., Berkeley.
Architect—None.
Contractor — C. M. Norgrove, 2220 Roosevelt Ave., Berkeley. $5000

DWELLING
(1831) 950 FIFTY-FOURTH AVENUE Oakland. 1-story 5-room dwelling.
Owner—F. J. Thurman, 956 54th Ave., Oakland.
Architect—None. $2000

DWELLING
(1832) 659 TRESTLE GLEN RD., Oakland. 2-story 7-room dwelling.
Owner—E. C. Niehaus, 1902 10th St., Berkeley.
Architect—None. $6500

GARAGE
(1833) NW CORNER TENTH & MADISON Sts., Oakland. Garage.
Owner—F. E. Adams.
Architect—None.
Contractor—Harry C. Knight, 388 12th St., Oakland. $1500

DWELLING
(1834) E BARTLETT ST. 250 N Davis St., Oakland. 1-story 5-room dwlg.
Owner—G. Opitz, 2322 Bartlett St., Okd.
Architect—None. $2300

ALTERATIONS
(1835) 535 CROFTON AVE., Oakland. Alterations.
Owner—H. J. Holtz, premises.
Architect—None.
Contractor—H. A. Moe, 4116 Allendale Ave., Oakland. $1200

STORE & LOFT
(1836) N THIRTEENTH ST., 50 E Webster St., Oakland. 5-story conc. store and loft.
Owner—Advertiser Building, Inc., 337 13th St., Oakland.
Architect—None.
Contractor — Chas. C. Williams, 1524 Franklin St., Oakland. $65,000

DWELLING
(1837) 2129 NINETEENTH AVE., Oakland. 1-story 5-room dwelling.
Owner—J. F. Brady, 2015 E-24th St., Oakland.
Architect—None.
Contractor—J. F. Brady and H. Schutt, 2015 E-24th St., Oakland. $3000

ALTERATIONS
(1838) SE COR. TWELFTH & CLAY Sts., Oakland. Alterations.
Owner—Moose Hall Assn.
Architect—None.
Contractor—M. I. Diggs, 19th & Telegraph Ave., Oakland. $10,000

DWELLINGS
(1839) W MATHEWS AVE 100 N Holman Road.;
E MATHEWS RD 120 N Holman Rd Oakland. 2 1½-story 6-room dwellings.
Owner—Lakeshore Highland Co., Syndicate Bldg., Oakland.
Architect—None.
Contractor—A. Cederborg, 1445 Excelsior Ave., Oakland. $7000 each.

FIRE REPAIRS
(1840) 3810 GROVE ST., Oakland. Fire repairs.
Owner—Mary Estes, 729 31st St., Okd.
Architect—None.
Contractor—F. E. Allen, 2718 Regent St., Oakland. $1600

DWELLING
(1841) NO. 1531 POSEN ST., Berkeley. One-story 5-room dwelling.
Owner—Ray O. Lind, 986 Peralta Ave., Berkeley.
Architect—None
Contractor—G. K. Heath, 2113 University Ave., Berkeley. $2500

DWELLING
(1842) NO 1733 CATALINA ST., Berkeley. One-story 6-room dwelling.
Owner—E. W. Cooke, 702 Peralta Ave., Berkeley.
Architect—None $1500

DWELLINGS
(1843) NO. 1365, 1369, 1373, 1377, 1381 1385 Francisco and No. 1712 Acton St., Berkeley. Seven one-story 5-room dwellings.
Owner—A. J. Pollard, 77 Plaza Drive, Berkeley.
Architect—None. $3000 each

APARTMENTS
(1844) S FORTY-THIRD ST. 200 E Telegraph Ave., Oakland. 2-story 12-room apartments.
Owner—Mary E. Hesson.
Architect—None.
Contractor. — California Builders Co., 1534 Franklin St., Oakland. $9000

FLATS
(1845) N APGAR ST. 350 W Telegraph Oakland. 2-story 16-room flats.
Owner—Max Baker, 1522 Franklin St., Oakland.
Architect—None.
Contractor—E. O. Francis, 3940 E-14th St., Oakland. $12,000

APARTMENTS
(1846) E FORTY-SIXTH AVE. 105 S Bond St., Oakland. 2-story 16-room apartments.
Owner—James H. Smith.
Architect—None.
Contractor—California Builders Co., 1534 Franklin St., Oakland. $12,000

APARTMENTS
(1847) S BOND ST. 40 W 52nd Ave., Oakland. 2-story 16-room apts.
Owner—Grant O. Harde.
Architect—None.
Contractor — California Builders Co., 1534 Franklin, Oakland. $12,000

DWELLINGS
(1848) 2001-05 FORTIETH AVE., Oakland. 2 1-story 5-room dwellings.
Owner—E. M. Marquis, 2827 Russell St., Berkeley.
Architect—None. $2500 ea.

DWELLING
(1849) N AILEEN ST. 313 W Lowell St., Oakland. 1-story 5-room dwlg.
Owner—Raymond Fountain, 989 Aileen St., Oakland.
Architect—None.
Contractor—B. O. Hadley, 1708 California St., Berkeley. $3100

ADDITION
(1850) 817 FORTY-FIFTH ST., Oakland. Addition.
Owner—N. P. Nielsen, Davis St., Okd.
Architect—None.
Contractor—Jensen & Pedersen,, 3417 Adeline St., Oakland. $1500

DWELLING
(1851) 3269 SCHOOL ST., Oakland. 1-story 5-room dwelling.
Owner—Ed. Berlin, 3263 School St., Oakland.
Architect—None. $3500

DWELLING
(1852) 2408 THIRTY-EIGHTH AVE., Oakland. 1-story 5-room dwelling.
Owner—J. W. Sigwald, 3927 Agus Vista Oakland.
Architect—None. $3500

DWELLING
(1853) 840 E-TWENTY-EIGHTH ST., Oakland. 1½-story 6-room dwlg.
Owner—Alice Honsberge, 830 54th St., Oakland.
Architect—None.
Contractor—H. L. Butler, 3636 Maple Ave., Oakland. $4700

DWELLING
(1854) S BROOKWOOD RD. 200 E Stratford Rd., Oakland. 1-story 5-room dwelling.
Owner—Max Greenberg, 1772 Pleasant Valley Ave., Oakland.
Architect—None.
Contractor—Geo. C. Nall, 930 41st St., Oakland. $5000

DWELLINGS
(1855) 528 & 532 WALSWORTH AVE., Oakland. 2 1-story 3-room dwlgs.
Owner—J. W. French.
Architect—None.
Contractor—C. W. Short, 574 Rosal Ave. Oakland. $3500 ea.

DWELLING
(1856) 189 RIDGEWAY AVE. Oakland 1-story 3-room dwelling.
Owner—Mrs. C. L. Heacock, 3875 Howe St., Oakland.
Architect—None.
Contractor—A. J. Yerrick, 5255 College Ave., Oakland. $2000

STORES & FLATS
(1857) N E-FOURTEENTH ST., 50 E 3rd Ave., Oakland. 2-story 6-rm stores and flats.
Owner—James W. Lord.
Architect—None.
Contractr—California Builders Co., 1534 Franklin St., Oakland. $5000

DWELLING
(1858) 4020 WOODRUFF AVE., Oakland. 1-story 5-room dwelling.
Owner — Edward Berg, 836 53rd St., Oakland.
Architect—None. $4000

FLATS
(1859) 1387-9 E-TWENTY-SEVENTH St., Oakland. 2-story 9-room flats.
Owner—Caploss, 222 E-14th St. Oakland
Architect—None.
Contractor—Thos. P. Bolger, 1260 103rd Ave., Oakland. $5500

DWELLING
(1860) 5875 OCEAN VIEW DRIVE, Oakland. 1-story 5-room dwlg.
Owner—K. G. Phelps, 42 Glen Ave., Okd
Architect—None.
Contractor—A. G. Haskell, 4331 Montgomery St., Oakland. $5380

BAKE OVEN
(1861) NW ARLINGTON AND GROVE Oakland. Bake oven.
Owner—Y. M. Waxweiler, Premises.
Architect—None.
Contractor—Paul Metz, 855 44th St., Oakland. $1050

ALTERATIONS
(1862) NE ELEVENTH AND HARRIson Sts., Oakland. Alterations.
Owner—Abbie J. Root Estate, 1425 Oak St., Oakland.
Architect—None.
Contractor—J. Chester Ballard, 2628 13th Ave., Oakland. $3000

DWELLING
(1863) N WCOR. SIXTY-SECOND & Majestic Ave., Oakland. One-story 5-room dwelling.
Owner—C. A. Shipman, 1437 69th Ave., Oakland.
Architect—None. $3000

DWELLING
(1864) E MAXWELL AVE 120 S Brookdale Ave., Oakland. One-story 5-room dwelling.
Owner—E. L. Dashiell, 1666 67th Ave., Oakland.
Architect—None. $3000

DWELLING
(1865) E RITCHIE 350 S Foothill Blvd., Oakland. One-story 4-room dwelling.
Owner — C. B. McKee, Palace Apartments, Oakland.
Architect—None. $200

DWELLING
(1866) E RITCHIE 300 S Foothill Blvd., Oakland. One-story 4-room dwelling.
Owner — C. B. McKee, Palace Apartments, Oakland.
Architect—None. $2400

ALTERATIONS
(1867) S HAWTHORNE 200 W Webster, Oakland. Alterations and garage.
Owner—Dr. W. S. Porter, Oakland.
Architect—None.
Contractor—Bayliss & Sheridan, Oakland. $2500

DWELLING
(1868) NO. 2844 BIRDSALL, Oakland. One-story 6-room dwelling.
Owner—T. Hager, Premises.
Architect—None.
Contractor—W. M. Wolfe, 128 13th St., Oakland. $3000

ARTIFICIAL STONE
(1869) E BROADWAY 55 N Twelfth N 45xE 100, Oakland. Artificial stone for seventeen-story Class A bank and office building.
Owner—The Oakland Bank.
Architect—Reed & Corlett, Oakland Bk. of Savings Bldg., Oakland.
Contractor—Paul E. Denivelle, 280 Golden Gate Ave., S. F.
Filed April 18, '23. Dated April 14, '23.
On 15th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $68,985
Bond, $34,493. Surety, Fidelity & Deposit Co. Limit, Nov. 1. Forfeit, none. Plans and specifications filed.

DWELLING
NO. 800 MENDOCINO ST., Berkeley. Two-story 12-room dwelling.
Owner—Ray Simonds.
Architect—Wm. E. Milwain, Pacific Bldg., Oakland.
Contractor—Chas. L. Trow, 835 38th St., Oakland. $21,900
NOTE:—Recorded contract reported March 30, 1923. No. 1539.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded — Amount

April 12, 1923—E 55 LOTS 11 AND 12 Blk 8 Map McGee Tract, Berkeley. Otto Johnson to whom it may concern.....April 5, 1923

April 12, 1923—PTN LOT 7, all Lot 8 and Ptn Lot 9 Blk 3, Key Route Heights, Oakland. John M Olson to whom it may concern.....April 12, 1923

April 11, 1923—NW FIFTH AVE 65 SW E-Tenth SW 50xNW 115, Oakland. Allenia A Putnam to E H Graham.....April 4, 923

April 11, 1923—N TENTH 100 W Washington N 100xW 84, Oakland. Whitthorne & Swan to Lawton & Vezey.....April 11, 1923

April 11, 1923—W HALEY AVE 175 S Hopkins S 35xW 136-6, Oakland. J P Roberts to Jos Flittner.....April 11, 1923

April 11, 1923—NE 40 LOT 9 BLK "B" Revised Map Oakland Heights Oakland. Mary and Herman L Schafer to Home Constr Co.....April 4, 1923

April 13, 1923—SW FIFTH AVE & E-10th SW 65 to pt beg. NW 115 SW 50. Oakland. Mrs J R Putnam to E H Graham.....April 10, 1923

April 13, 1923—E HOWE — N Moss Ave, Oakland. Palalla Hospital Association to W H Picard.....April 3, 1923

April 13, 1923—LOT 2 BLK 11 Map Melrose Heights, Oakland. Clara H and George Lewis to S Damgaard.....April 12, 1923

April 13, 1923—LOT 25 BLK "D" Map Grand Avenue Heights (by-the-Parks), Oakland. Harry P Fisher to whom it may concern.....April 10, 1923

April 13, 1923—PTN LOTS 19 AND 20 Central Piedmont Extn., Piedmont. W G Appleton to whom it may concern.....April 12, 1923

April 12, 1923—NO. 2324 HARRINGTON Ave., Oakland. H W Clarke & A Schlueter to H E Reeves.....—

April 16, 1923—E HEARN 390 SE Chabot Road SE 40 NE 117.48 NE 2.55 NW 39.62 SW 118.74, Oakland. H P Walker to L G Geary.....April 12, 1923

Apr 16, 1923—NO 163-5-7 FORTIETH St., Oakland. D J Dwyer to whom it may concern.....April 16, 1923

April 16, 1923—LOT 25 BLK "F" Kenwood Park Addition, Oakland. Geo F Gould to whom it may concern.....April 10, 1923

April 16, 1923—LOT 2 BLK "D" Kenwood Park Addition, Oakland. Geo F Gould to whom it may concern.....April 10, 1923

April 16, 1923—SE THOMAS AND Monroe, Oakland. L E Robins to R L Robins.....April 2, 1923

April 16, 1923—PTN LOT 31 BLK 3 Map Fruitvale Garden Farms, Oakland. J C Hawk to whom it may concern.....April 7, 1923

April 17, 1923—PTN LOT 14 BLK "B" Map De Wolf Tract, Oakland. Wm Whiteside to A E Richmond and W C Amsden.....April 17, 1923

April 17, 1923—E PEARL 35 S Lincoln Ave S 35xE 110, Alameda. Lillie P Linge and Jess W Hallawell to whom it may concern....—

Aprin 17, 1923—LOT 11 BLK "M" Map Northbrae Terrace, Berkeley. A H Pallen to whom it may concern.....April 3, 1923

April 17, 1923—LOT 22 BLK "B" Map Central Piedmont Tract No. 1, Piedmont. A H Pallen to whom it may concern.....April 3, 1923

April 17, 1923—LOT 9 BLK 5 Map Thousand Oaks Station Tract, Berkeley. A H Pallen to whom it may concern.....April 3, 1923

April 17, 1923—LOT 28 BLK 10 Map Thousand Oaks, Berkeley. A H Pallen to whom it may concern.....April 3, 1923

April 17, 1923—E GILBERT 369-10 N Ridgeway Ave N 75xE 200-9, Oakland. Janet A Simi to John Faulkes.....April 17, 1923

April 17, 1923—NO. 2211 ASHBY AVE Berkeley. L L Lucas to whom it may concern.....April 17, 1923

April 18, 1923—N HOLWAY ST., Oakland. Chas W Lindquist to whom it may concern.....Apriu 17, 1923

April 18, 1923—N HOLWAY 39 E Seminary Ave, Oakland. Fred L Hewitt to whom it may concern.....April 18, 1923

April 18, 1923—N HOLWAY 78 E Seminary Ave, Oakland. Fred L Hewitt to whom it may concern.....April 18, 1923

April 18, 1923—N 40 LOT 6 BLK 1 Map Jose Domingo Tract, Berkeley. Douglas Campbell to whom it may concern.....April 12, 1923

LIENS FILED

ALAMEDA COUNTY

Recorded — Accepted

April 13, 1923—LOT 3 Map Winfield Place, Berkeley. Leander Johnson vs S M Shapero, D R Strocham and W E Brownell.....$181.50

April 13, 1923—LOT 1 BLK "D" Map Waterside Terrace, Alameda. Maxwell Hardware Co vs Edwin E Nicol.....$121.96

April 13, 1923—LOT 5 BLK "D" Map Waterside Terrace, Oakland. Maxwell Hardware Co vs Edwin E Nicol.....$105.56

April 13, 1923—LOT 2 BLK "D" Map Waterside Terrace, Oakland. Maxwell Hardware Co vs Edwin E Nicol.....$105.56

April 13, 1923—LOT 3 BLK "D" Map Waterside Terrace, Oakland. Maxwell Hardware Co vs Edwin E Nicol.....$106.26

April 13, 1923—LOT 4 BLK "D" Map Waterside Terrace, Oakland. Maxwell Hardware Co vs Edwin E Nicol.....$117.01

April 17, 1923—LOT 21 TO 25 incl Blk "G" Map Foothill Blvd Tract, Oakland. E S Hardwick, $50; Lewis R Niles, $25 vs R O McCline

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded — Amount

April 10, 1923—SE THIRTEENTH & Clay E 70xS 100, Oakland. MacDonald & Kahn Inc to Gilchrist Furniture Co.....$213.57

April 12, 1923—NW SEVENTH AND Campbell N 104xW 57.8, Oakland. A F Hufschmidt to W H Westoff and Moody & Parker.....$43

Notice of Non-Responsibility

ALAMEDA COUNTY

April 12, 1923—SW 12-6 LOT 11, all Lot 12 and NE 10 Lot 13 Blk 4, Map Key Route Heights, Oakland. Alameed Invst Co as to improvements on property.....

April 13, 1923—S SANTA CLARA AV 110 E Morton E 40xS 140, Alameda. Grace M and H A Cohen as to improvements on property.....

April 12, 1923—LOTS 14 AND 15 BLK 18, Map Key Houte Heights, Oakland. Alameda Invst Co as to improvements on preparty.....

April 12, 1923—SW HOPKINS ST. 210 SE 35th Ave SE 50 SW to right-of-way, San Jose Short Line, Oakland. Alameda Invst Co as to improvements on property.....

Aphil 12, 1923—E BROADWAY 50 N Thirteenth N 50xE 100, Oakland. Mary Esther Glenn Guerin, Laura Francis Glenn, Carmelita Glenn and Helen Glenn Degener as to improvements on property.....

CESSATION OF LABOR

ALAMEDA COUNTY

April 11, 1923—LOTS 38 AND 39 BLK "N" Map Fruitvale Blvd. Tract Oakland. Walter L and Florence M Glimm with R O McCline. Work ceased.....March 1, 1923

BUILDING CONTRACTS

FRESNO COUNTY

$5,000 and Over Reported

OFFICE BLDG.
LOTS 14, 15 AND 16 BLK 68, Fresno. Heating and ventilating system for ten-story Class A office building.
Owner—San Joaquin Light & Power Ca., 1801 Tulare St., Fresno.
Architect—R. L. Felchlin, Bank of Italy Bldg., Fresno.
Contractor — Luppen & Hawley, Inc., 906 7th St., Sacramento.
Filed —, '23. Dated Apr. 2, '23.
As work progresses.....75%
Usual 35 days.....Balance
TOTAL COST, $76,737.41
Bond, $38,368.70. Surety, U. S. Fidelity & Guaranty Co. Limit, 100 working days. Forfeit, $25 per day. Plans and specifications filed.

STORE, $10,000; 1046 Broadway, Fresno; owner, K. H. Nishkian, 641 Dudley, Fresno; contractor, L. H. Nishgian.
STORE, $8500; 1400 L St., Fresno; owner, Holland; contractor, E. J. Farr, 245 Northcamp, Fresno; no bond;
STRICT. STEEL WORK, $141,800; J & Mariposa, Fresno; owner, Pacific S. W. Trust & Savings Bank; contractor, Dyer Bros. Golden West Iron Wks. Payments semi-monthly for 85%, balance on completion; limit 200 working days; no bond; contract filed April 10, 1923.
DWELLING, $6380; No. 623 Vassar St., Fresno; owner, R. Anderson, 472 Valeira St., Fresno; contractor, C. ES. Millhollen, 2639 Madison St., Fresno.

COMPLETION NOTICES

FRESNO COUNTY

Recorded — Accepted

April 5, 1923—LOTS 77, 78 AND 79, Zapp Park, Fresno. M C Mitchell to whom it may concern. Apr. 3, 1923

April 10, 1923—LOTS 28 AND 29 BLK 6, Torrance Terrace, Fresno. B G Townsend to whom it may concern.....April 5, 1923

April 10, 1923—W ½ LOTS 21 AND 22 Blk 1, Torrance Terrace, Fresno. E Guynn to whom it may concern.....April 7, 1923

April 11, 1923—LOTS 23 & 24, BLK 152, Fresno. Alberta Bauer to whom it may concern.....April 10, 1923

April 11, 1923—LOTS 10 & 11 NORMA Tract, Fresno. Geo. H. Evans to whom it may concern. April 11, 1923

April 11, 1923—LOTS 42 & 43 BLK 2 Sierra Vista Tract, Fresno. A. C. Compton to whom it may concern.....April 11, 1923

April 11, 1923—LOTS 32 E ½ OF LOT 31 Blk 7 Kleinhurst, Fresno. A. Solberg to whom it may concern.....April 10, 1923

April 4, 1923—LOTS 34 & 35 BLK 7 Oakwood No. 2, Fresno. W. A. Ganaway to whom it may concern.....April 10, 1923

April 11, 1923—LOTS 43 TO 46 BLK 15, Roeding Heights, Fresno. Curatola Phillip to whom it may concern.....April 10, 1923

April 11, 1923—LOT 16 BLK 41, Fresno. Gigliotti Rosario to whom it may concern.....April 9, 1923

April 13, 1923—LOTS 21 AND 22 BLK 90, Fresno. W Grant Hayden to whom it may concern...Apr. 10, '23

April 13, 1923—REAR LOTS 16 AND 17 Blk 2, Lisenby Tract, Fresno. H Ratziaff to whom it may concern.....April 12, 1923

April 13, 1923—LOTS 17 AND 18 BLK 78, Sanger. Paul Kershnw to whom it may concern...April 4, 1923

LIENS FILED

FRESNO COUNTY

Recorded — Amount

April 5, 1923—LOT 2 BLK 11, Alta Vista Tract, Fresno. Jack E King vs J G Crichton.....$315

April 6, 1923—LOTS 73 AND 74 BLK 1, Yosemite Addition, Fresno. L. Rosenberg vs S A L Pifer.....$871

April 6, 1923—N ½ OF SE ¼ OF Sec 25, 15-20, Fresno. L Rosenberg vs J B Overholser et al....$59

April 6, 1923—LOTS 6 TO 9 Annex No. 1, High Addition, Fresno. A P Stewart and Mack Bland vs John L Scott $186
April 6, 1923—LOTS 5 TO 8 Annex No. 1, High Addition, Fresno. Levi Bros Junk Co vs Ella D and John L Scott $244
April 7, 1923—LOTS 40 AND 41 Crawford Park, Fresno. A M Goeddel vs Chris Meyling $53
April 7, 1923—LOTS 5 TO 8 Annex No. 1, High Addition, Fresno. Arms & Gaskill Sales Co vs J L and Ella D Scott $24
April 7, 1923—LOT 8 S ½ LOT 9 SE ¼ Lot 10 K R T Tct No. 1, Fresno. Victor Cox vs R W Neilan et ux.$272
April 12, 1923—LOT 102, Fruit Vale Est., Fresno. Routt Lumber Co vs Minas and Martin Surabian and Manooglan & Yeghoian.....$395
April 13, 1923—No. 2360 ROSE ST., Fresno. Independent Electric Co vs Christian Sommers $107
April 13, 1923—E ½ OF SE ¼ OF SW ¼ of Sec 14, 13-17, Fresno. C S Pierce Lumber Co vs F T Campbell and M & V Gondjian.....$581
April 13, 1923—E ½ OF NE¼ OF NE ¼ N ½ of SE ¼ of NE ¼ of Sec 22,13-19, Fresno. Twining Concrete Co vs T Telonicher and A Gousse et al $156

BUILDING CONTRACTS

SAN MATEO COUNTY

BUILDING
NE¼ MIDDLE AVE & COLUMBIA RD in Blk. 3 Map 2 Stanford Park near Menlo Park. All work for 1-story class D building (summer home for Little Children).
Owner—The Roman Catholic Archbishop, 1100 Franklin St., S. F.
Architect—Smith O'Brien, 714 Market St., San Francisco.
Contractor—Louis N. Pollard, 55 Brewster St., Redwood City.
Filed April 4, 1923. Dated April 4, 1923.
1st each month 75%
Usual 35 days 25%
TOTAL COST, $16,490
Bond, $8245; Sureties, Z. T. Thorning, W. P. Gray; Forfeit, $10; Limit, none; Plans and specifications filed.

RESIDENCE
LOT 15 BLK 29 & HOAG SUB-Burlingame. All work for one-sto. 3-room residence.
Owner — William and Margaret Hill, Burlingame.
Architect—None.
Contractor — James D. Coughlan, San Mateo.
Filed April 11, 1923. Dated Apr. 1, 1923. Payments not specified.
TOTAL COST, $22,951
Bond, Sureties, Forfeit, none; Limit, 60 days; Plans and specifications filed.

RESIDENCE
PTN. LOT 12 BLK B BOWIE ESTATE No. 1 Hillsborough. All work for 2-story Residence and garage.
Owner—Edward and Jean Oliver McCauley, Jr., Forest View, Hillsborough.
Architect—John K. Branner, 251 Kearny St., San Francisco.
Contractor—Thos. A. & Frank M. Cavanaugh as Cavanaugh Bros., San Mateo.
Filed April 5, 1923. Dated Apr. 5, 1923. Commission to be $3000. Any cost exceeding the agreed price to come out of the commission. Payments of all receipts, bills and labor to be paid on 5th day of month.
TOTAL COST—Not to Exceed $38,750. Bond, $41,750; Sureties, Hartford Accident and Indemnity Co.; Forfeit, none; Limit, 110 wk days; Plans and specifications filed.

RESIDENCE
LOT E BLK 8 Burlingame. All work for 2-story residence and garage.
Owner—F. M. & Mildred I. Head, 1219 Burlingame Ave., Burlingame.
Architect—None.
Contractor—The Larson Building Co.
Filed April 13, 1923. Dated Apr. 12, 1923.
Framed $2178
Plastered 2178
Completed and accepted 2178
Usual 35 days 2178
TOTAL COST $8712
Bond, Sureties, Forfeit, none; Limit 120 days; Plans and specifications filed.

DWELLING, 1½-story frame, and garage, $10,300; Lot 12 Blk 57 Sub 6 Easton 1 Easton Dr., Burlingame; owner, A. J. Morn; architect, Don Boysanger.
BUNGALOW and garage, $4800; Lot 1 Blk 21 Easton 2, Easton Dr., Burlingame; owner, M. T. K. Rogers; architect—J. B. Oswald.
BUNGALOW and garage, $4000; Lot 17, Blk 15, Burlingame Grove, Paloma Ave., Burlingame; owner, H. J. Henney; architect, Wm. Rutherdale.
BUNGALOW and garage, $5000; East part of Lot 2 Blk 8 Burl Land Co., Bellevue Ave., Burlingame; owner, J. E. Burness; architect, H. Papenhausen.
BUNGALOW and garage, $3500; Lot 11 Blk 7, Burlingame Grove, Paloma Ave., Burlingame; owner, A. S. Bramlett.
BUNGALOW and garage, $7000; Lot 34 Blk 58 Easton 7, De Sota Ave., Burlingame; owner, J. O'Keefe; architect, A. McIntire.
ALTER residence to apts. $5000; Third and Julian, San Jose; owner, Vining & Connolly; architect, Wolfe & Higgins, Auzerais Bldg., S. J.; contractor, Daugerfield & Douglas, 51 S 22nd St., S. J.
COTTAGE, 4-room, $1980; Sherman nr. Floyd, San Jose; owner, R. J. Blaggi, San Jose.
RESIDENCE, 6-room 2-fam., $3975; N 14th Near Julian, San Jose; owner, Harry Freisen, San Jose.
SNAKE hole building, $2000; Pacific City; owner, Frank Pishora, prem.
RESIDENCE, $3000; Lot 5 & 6 Block 69 3rd Ave., San Mateo; owner, Angelo Delucin; contractor, A. Nighall, 305 Ellsworth, San Mateo.
DWELLING, $4000; Lot 12 Blk 4 State St. C Add; owner, O. Z. Byres; contractor, W. T. Croop, Homestead, San Mateo.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded Accepted
April 6, 1923—LOT 12 BLK 9 SUB A Wellshire Park, Redwood City. Jas. F. Guinnens to H. J. Le Blance .....April 3, 1923
April 6, 1922—LOT 14 BLK 10 EASTON No. 1, Burlingame. W. A. Nicholaides to whom it may concern .....April 5, 1923
April 6, 1923—LOT 181 SAN MATEO Park, San Mateo. Ausel M. and Vivian M. Robinson to Arthur Dusenberry .....March 24, 1923
April 6, 1923—LOT 24 BLK 43 EASTON No. 3, Burlingame. John M. Rutherdale to whom it may concern .....Mar. 1, 1923
April 6, 1923—LOT 22 BLK 3 BURlingame Park No. 4. John M. Rutherdale to whom it may concern. .....March 1, 1923
April 11, 1923—LOT 29 BLK J HAYward Park, San Mateo. Manuel Trinta to Mitchel-Jackson Co.... .....April 7, 1923
April 9, 1923—MARTIN SUB STATION, Visitacion Valley. Pac Glass & Electric Co. to Joseph Fuller & Arthur A. Goepp, Fuller & Gorpp .....Mar. 29, 1923
April 9, 1923—LOT 9 & 10 BLK P Mission St. Land Co. Robert Neil to whom it may concern....Apr. 6, 1923
April 13, 1923—PTN LOT 7 BLK 6 Burlingame Land Co., Burlingame. Jese Heilman to C. E. Fowler.. .....April 12, 1923
April 11, 1923—LOT 14 BLK 7 Burlingame. Ellas & Katie Zanini to J. W. F. Ryan.....April 10, 1923
April 12, 1923—LOT 41 TRACT 3 San Carlos Pk Syndicate. Mrs. W. F. Chapman to L. A. Kerne..... .....April 10, 1923

LIENS FILED

SAN MATEO COUNTY

Recorded Amount
April 6, 1923—Lot 13 Blk 2 Burlingame Terrace, Burlingame. B. U. Hale Jr. vs. F. M. Neher, Wm. B. & Attie H. Isaacs $103.34
April 7, 1923—LOT 13 BLK 2 Budlingame Terrace, Burlingame. R. A. Miller vs. Attie & Wm. B. Isaacs and F. M. Neher.....$450
April 11, 1923—LOTS 1 & 2 BLK 8 Burlingame Park No. 2, Burlingame. Alfred C. Dotel vs. A. B. Aberdrath et al $3256

RELEASE OF LIENS

SAN MATEO COUNTY

Recorded Amount
April 7, 1923—LOT 20 BLK 9 SAN Bruno 4th Add. San Bruno Lumber & Supply Co to A J Wilber $56.77

BUILDING CONTRACTS

SANTA CLARA COUNTY.

$1,000 and Over Reported

RESIDENCE
LOTS 17 AND 18 BLK 4. Homestead Tract, San Jose. All work for one-story frame residence and garage.
Owner—C. H. Forehand, Sunnyvale.
Architect—Wolfe & Higgins, Auzerais Bldg., San Jose.
Contractor — Osborne & Knight, Mt. View.
Filed Apr. 6, '23. Dated Mar. 31, '23.
Frame up $1285
1st coat plaster on..... 1285
Completed 1285
Usual 35 days..... 1285
TOTAL COST, $5140
Bond, $2570. Sureties, R. M. Wright and P. R. Wightman. Limit, 60 working days from Mar. 31, 1923. Forfeit, none. Plans and specifications filed.

ADDITION to store, $6600; rear 74 S First, San Jose; owner, Herold Shor Co. Lessees; architect, Herman Krause; contractor, Megna & Newall, 866 N 17th St., San Jose.
COTTAGES, 2 5-room, $3900 each; Riverside near Bird, San Jose; owner, Clyde Alexander.
BARBECUE pit and lunch house, $800; Sta. Clara and 7th, San Jose; owner, T. C. Wood, premises.
RESIDENCE, 8-room, $12,000; Second near Virginia, San Jose; owner, P. D. Cambiano, 775 S 6th St., S. J.; architect, Chas. McKenzie, Bank of S. J. Bldg., S. J.
COTTAGE, 6-room, $3500; 692 N 17th, S. J.; owner, G. B. Sunserl.
COTTAGE, 4-room, $3200; 9th nr. San Salvador, S. J.; owner, Mrs. M. Harliss, S. J.; contractor, Jerome Gacia, S. J.
COTTAGE, 5-room, $2900; N 16th near St. John, S. J.; owner, Mrs. D. J. Lewis; contractor, W. J. Martin, 748 Delmas St., S. J.
COTTAGE, 5-room, $3975; Clayton near San Pedro, S. J.; owner, Mrs. Misel, 593 N 5th St., S. J.; architect, F. C. Nelson, 34 S 15th St., S. J.
RESIDENCE, 5-room, $3000; S Smith nr Keyes, S. J.; owner, Emilio Feci, 1116 S 9th St., S. J.; contractor, M. La Bornity & Son.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Accepted
April 2, 1923—N PARK AVE 150 E Race, San Jose. S Minietta to whom it may concern..Mar. 31, 1923
April 3, 1923—5 ACRES being part of lands of Driscoll, Reiter & Driscoll, fmly Barron Esaate, San Jose. Robt R Morgan to Santa Clara Valley Bldg Co....Feb. 5, 1923
April 3, 1923—PTN LOTS 1 AND 2 Blk 3, J. B. Randol's Addition to Chapman & Davis Tract, San Jose. Geo J Heath to whom it may concern.....Mar. 24, 1923
April 3, 1923—LOT 6 BLK 5, Hanchett Residence Park, San Jose. I Krohn to A H Petrie and W O Furtwangler.....Mar. 30, 1923
April 3, 1923—LOT 18 of J. M. Nelson's Nob Hill Sub., San Jose. J W Green to whom it may concern.... .....March 29, 1923
April 3, 1923—LOT 16 BLK 2, Hester Park, San Jose. C W Spotswood to whom it may concern.Mar. 30, '23
April 4, 1923—LOT 7 BLK 1, Hanchett Residence Park, San Jose. B J Smith to whom it may concern .....April 4, 1923
April 5, 1923—PTN LOT 4 BLK 65, University Park. F D Banham to whom it may concern...April 4, 1923

April 5, 1923—LOTS 16 AND 17 BLK 18, Hanchett Residence Park, San Jose. Cornelia C Matthew to whom it may concern.....Mar. 23, 1923
April 5, 1923—PTN LOT 21 BLK 6, Hanchett Residence Park, San Jose Hazel Reid Marton to H A Bridges .....March 31, 1923
April 5, 1923—PTN LOT 2 BLK 3, Range 5 South, City of San Jose. H A Meder to whom it may concern.. .....April 4, 1923
April 6, 1923—LOT 20 BLK 5 and ptn Lot 21 Blk 5, Hanchett Residence Park, San Jose. Frank V Campbell to C F Kessling..... .....April 6, 1923
April 6, 1923—NE MONTEREY ST., bet. ..th and Old Gilroy St. being Blk 1 S R 1 E, Gilroy. Marion I Ellis to William Rabke..Mar. 30, '23
April 7, 1923—ON HANNA ST. 206.30 N of N line of Second St., extended, Gilroy. W S Dow to whom it may concern.....Mar. 28, 1923
April 7, 1923—LOT 5 BLK 2, Hanchett Residence Park, San Jose. B J Smith to whom it may concern.. .....April 7, 1923
April 7, 1923—LOTS 16 AND 17 Boyntons Sub., San Jose. Claude V Dillon to whom it may concern... .....April 6, 1923
April 9, 1923—6.027 ACRES in Town of Los Gatos. Maud E Martin to Megna & Newell.....April 1, 1923
April 10, 1923—PTN LOTS 2, 3 and 4 of Sub of Original Lot 4 Blk 17 of University Grounds, Palo Alto. Frank T Lannin to T J Lannin.... .....April 10, 1923
April 10, 1923—LOT 16 BLK 47, City of Palo Alto. Jno Dudfield to whom it may concern.....April 1, 1923
April 10, 1923—S ½ LOTS 1 AND 2 and all Lots 30 and 32 Blk 1, Burrell Park and N ½ Lots7 and 8 and all Lots 10 and 12 Blk 2, Burrell Park. F L Burrell to Elwood Hiatt .....March 13, 1923
April 12, 1923—PTN LOTS 12 AND 13 Blk 15, Lendrum Tract, San Jose. Joseph Larsen to whom it may concern.....April 12, 1923
April 14, 1923—E N-FIFTEENTH ST. bet. Washingtgn and Empire Sts., San Jose. V Maggio to whom it may concern.....April 13, 1923
April 14, 1923—LOT 3 of F. C. Bethell Sub, San Jose. Clara H McAllister to S W Talbot.....April 13, 1923
April 14, 1923—LOT 4 BLK 2, Hanchett Residence Park, San Jose. B J Smith to whom it may concern .....April 14, 1923
April 14, 1923—LOT 8 BLK 1, Hanchett Residence Park, San Jose. B J Smith to whom it may concern.. .....April 14, 1923
April 17, 1923—LOT 5 BLK 1, Hanchett Residence Park. B J Smith to whom it may concern..Apr. 14, '23
April 14, 1923—PTN LOT 3 BLK 33, City of Palo Alto. John Dudfield to whom it may concern.Apr. 12, 1923
April 14, 1923—PTN LOT 3 BLK 33, City of Palo Alto. John Dudfield to whom it may concern..... .....April 12, 1923

LIENS FILED

SANTA CLARA COUNTY

Recorded Amount

April 3, 1923—LOT 3 BLK 38, City of Palo Alto. H S Raymond, $108; Louis Holson, $193.50; Jack Holson, $95; Art Fixture Shop, $150 vs Rose M and Lilly B Carter.....
April 4, 1923—PTN LOT 3 BLK 38, City of Palo Alto. Dudfield Lumber Co vs Rose M and Lila B Carter $607.45
April 4, 1923—LOT 2 BLK 6, Hawkhurst Sub, San Jose. Dudfield Lumber Co vs E Delyon.....$400
April 7, 1923—ALL BLK 5 N R 2 E Town of Santa Clara. Glenwood Lumber Co vs Town of Santa Clara $1132.52
April 7, 1923—ALL BLK 5 N R 2 E, Town of Santa Clara. W J Bigger vs Town of Santa Clara and California Jelly Julce Co.....$1608
April 7, 1923—PTN LOT 3 BLK 38, City of Palo Alto. Clyde C Call vs Rose and Lillie B Carter.....$525.38
April 10, 1923—ON LOCUST ST 94 ft. NW fm Colfax St, San Jose. Henry Cowell Lime & Cement Co vs Olive and M C Welch.....$18.70
April 11, 1923—LOT 26 BLK 3, Alameda Park, San Jose. Glenwood Lumber Co vs Rose A Spielberg... .....$505.75
April 13, 1923—ON MAIN ST. opp. Sherman St., Lot 50x150, Town of Mayfield. The Minton Co vs Mrs C P Hughes.....$213.49

RELEASE OF LIENS

SANTA CLARA COUNTY

Recorded Amount

April 13, 1923—PTN LOT 2 BLK 2, Lincoln Sub, San Jose. A S Du Cavic, L E Yates, B Haggerty and W P Grant as Trustees of Building Trades Council of San Jose to May McMahon $54.90

BUILDING CONTRACTS

SACRAMENTO COUNTY.

$2,500 and Over Reported

REMODEL flats, $3500; No. 1914 27th St., Sacramento; owner, G. Dallasta, 3665 T St., Sacramento.
TWO tanks, $2500; No. 1945 Stockton Blvd., Sacramento; owner, Shell Co., Premises.
DWELLING, one-story 5-room and garage, $4000; No. 2330 D St., Sacramento; owner, Frank Drake, 811 J St., Sacramento; contractor, C. Valine, Box 370, Sacramento.
DWELLING, one-story 5-room, $3350; No. 2105 Gerber Ave., Sacramento; owner, O. C. Goodnow, 1228 8th St., Sacramtnto; contractor, John T. Hunt, 3781 6th Ave., Sacramento
DWELLING, two-story 7-room and garage, 8311; No. 1200 40th St., Sacramento; owner, J. J. Henderson, 2631 G St., Sacramento; contractor, E. Thomas, 2021 24th St., Sacramento.
BUILDING, $47,000; S 80 ft. Lot 5, H, I, 20th and 21st Sts., Sacramento; owner, J. Verest; contractor, J. A. Saunders, 2810 I St., Sacramento.
DWELLING, one-story 5-room and garage, $2800; No. 3942 T St., Sacramento; owner, B. H. Bell, 3252 Marshall Way, Sacramento.
DWELLING, one-story 5-room and garage, $3000; No. 2322 25th St., Sacramento; owner, Mrs. Danielson, 2325 24th St., Sacramento; contractor, C. H. Chatterton, 2425 F St., Sacramento.
DWELLING, one-story 5-room and garage, $4600; No. 432 42nd St., Sacramento; owner, F. H. Artz, 1911 28th St., Sacramento.
DWELLING, one-story 5-room and garage, $3500; No. 515 24th St., Sacramento; owner, Thos. B. Hunt, 2926 S St., Sacramento.
DWELLING, one-story 5-room and garage, $3500; No. 4224 E St., Sacramento; owner, J. W. Keller, 501 42nd St., Sacramento; contractor, Thos. B. Hunt, 2926 S St., Sacramento.
DWELLING, one-story 5-room and garage, $3850; No. 2300 D St., Sacramento; owner, Thos. B. Hunt, 2926 S St., Sacramento.

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Abstract & Title Co.
Capital Stock $100,000
Sacramento, Placerville, Nevada City, Reno
SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

DWELLING, one-story 5-room and garage, $3850; No. 2309 D St., Sacramento; owner, L. Pearce, 1015 9th St., Sacramento; contractor, Thos. B. Hunt, 2926 S St., Sacto.
DWELLING, one-story 5-room and garage, $2500; No. 625 41st St., Sacramento; owner, C. F. Joses, 1712 M St., Sacramento; contractor, W. H. Holder, 2940 41st St., Sacto.
FLATS (2), one-story 4-room flats, $3000 each; No. 913 and 909 S St., Sacramento; owner, Herman Roloff Box 276, Sacramento; contractor, Holdener Constr. Co., 2608 R St., Sacramento.
ROOMING HOUSE, 2-story 50 rooms, $20,000; 231 J, Sacto.; owner, Tong Sung Co., 916 3rd, Sacto.; contractor, Herndon & Finnegan, 1814 17th Sacramento.
DWELLING, 1-story 6-room, and garage, $7700; owner, H. Sanders, 2100 M, Sacto.; contractor, J. A. Saunders, 2810 I, Sacto.
APTS., 3-story 15 3 & 4-room, $47,000; owner, F. Veress, 2020 I, Sacto.; contractor, J. A. Saunders, 2810 I, Sacramento.
DWELLING, 1-story 5-room, and garage, $4700; 4908 Folsom Blvd., Sacramento; owner, L. Rolla, 1827 8th Sacramento; contractor, J. A. Saunders, 2810 I, Sacramento.
APARTMENT house, two-story frame, cost plus 10%; Lot 6, H. I, 16th and 17th Sts., Sacramento; owner, Edith L. Grove, 820 P St., Sacramento; contractor, L. G. Barton & Geo. W. Kopp, 1514 15th St., Sacramento.
FLAT building, two-story (4), $11,000; No. 1117 39th St., Sacramento; owner, Geo. F. Baudy, Reno, Nev.; contractor, W. H. Saunders, 2614 I St., Sacramento.
DWELLING, one-story 5-room and garage, $3750; No. 4332 T St., Sacramento; owner, D. Grant, 1716 7th St., Sacramento.
DWELLING, one-story 5-room and garage, $4000; No. 821 41st St., Sacramento; owner, Ester Small, 1833 45th St., Sacramento; contractor, A. Small, 1833 45th St., Sacramento.
DWELLING, one-story 5-room frame, $2500; No. 1504 X St., Sacramento; owner, Mrs. P. Paul, 3435 Elm St., Sacramento; contractor, C. Valine, Box 370, Sacramento.
DWELLING, one-story 5-room, $4000; No. 872 42nd St., Sacramento; owner, D. E. Mackall, 724 J St., Sacramento; contractor, E. D. Brien, 813 J St., Sacramento.
DWELLING, two-story 8-room and garage, $15,000; No. 1145 45th St., Sacramento; owner, Dr. C. H. McDonald, 2001 I St.; contractor, E. D. Mrier, 813 J St., Sacramento.
REPAIRS and additions, $20,000; No. 2803 M St., Sacramento; owner, Frank Bottaro, 2803 M St., Sacramento; contractor, E. D. Brier, 813 J St., Sacramento.
DWELLING, one-story 5-room and garage, $2500; No. 2272 Gerber Ave., Sacramento; owner, Chas. E. Porter, 2504 J St., Sacramento.
DWELLING, one-story 6-room and garage, $5000; No. 1115 42nd St., Sacramento; owner, J. H. McMahan, 724 J St., Sacramento; contractor, E. D. Brier, 813 J St., Sacramento.
DWELLING and garage, $2500; No. 2504 26th St., Sacramento; owner, M. S. Pine, 131 Riverside Road, Sacramento; contractor, F. N. Corey, 1428 F St., Sacramento.
DWELLING, one-story 5-room and garage, $4200; No. 2501 5th Ave., Sacramento; owner, Floyd S. Seawall, Marysville; contractor, E. E. Sydenstriker, 1010 27th St., Sacramento.
DWELLING, two-story 6-room and garage, $7000; No. 1315 43rd St., Sacramento; owner, Mary H. Burke, 415 12th St., Sacramento; contractor, C. W. Book, 2912 G St., Sacramento.
DWELLING, one-story 5-room and garage, $2800; Elmhurst, Sacramento Co.; owner, B. H. Hill, 3252 Marshall Way, Sacramento.
BUILDING, two-story, $14800; Lots 93, 100, 62 and 65 Arcade Park, Sacramento; owner, Junius B. Harris; contractor, A. E. Erickson; contract Dated Mar. 31, 1923.

DWELLING, one-story 5-room and garage, $2600; No. 2431 15th St., Sacramento; owner, W. G. Mackey, 1003 R St., Sacramento.
DWELLING, 1-story 5-room, and garage, $3500; 2926 H, Sacramento; owner, W. Erwin; contractor, C. W. Palmer, 2422 F, Sacramento.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Accepted
April 9, 1923—2.563 AC. being Ptn S. L. S 650, near Isleton. J F Butts Co to whom it may concern .....April 4, 1923

LIENS FILED

SACRAMENTO COUNTY

Recorded Amount
April 11, 1923—LOT 1162 W & K TCT. 21, Sunset Lumber Co. vs. H. Harrer $67.50
April 16, 1923—W 100 FT. LOT 19, Sub 4 J St., Sub., Sacramento. Miss M E Lee to whom it may concern.. .....April 21, 1923
April 17, 1923—W ½ LOT 5, J, K, 16th and 17th Sts., Sacramento. B S Berry to whom it may concern... .....April 9, 1923

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

$2,500 and Over Reported

GARAGE, reinforced concrete, $49,970; Lot 5 and Ptn Lots 3, 7, 13 and 14; Blk 64, East of Center St., Stockton; owner, I. M. Cowell, H. E. Cowell and S. H. Cowell, 2 Market St., San Francisco; architect, Henry H. Meyers, Kohl Bldg., San Francisco; contractor, J. E. Shepherd, Yosemite Bldg., Stockton; recorded April 7, 1923; time, 75 working days.
REMODEL building, $25,000; No. 24 N-San Joaquin St., Stockton; owner, Yosemite Bldg., Co., Premises.
RESIDENCE, $18,000; No. 1502 N-San Joaquin St., Stockton; owner, Carl Steinhart, 1106 N-Van Buren St., Stockton; architect, Mayo, Cowell & Bissell, 21 SlSan Joaquin St., Stockton; contractor, H. H. Henning St., Stockton.
RESIDENCE, $4500; No. 2035 N-Commerce St., Stockton; owner, J. C. Marcianno, 145 W-Wyandotte St., Stockton.
REMODEL, $3000; No. 349 Sonora St., Stockton; owner, L. A. Burns, Premises.
RESIDENCE, $6700; No. 1335 W-San Jose Ave., Stockton; owner, C. M. Gill, Yosemite Bldg., Stockton.
TWO residences, $8000 each; No. 843 and 845 W-Rose St., Stockton; owner, Anna C. McCann.
THREE residences, $3500 each; No. 1635, 1651 and 1709 E-Anderson St., Stockton; owner, C. F. Anderson, 105 W-Rose St., Stockton.
RESIDENCE, $3250; No. 319 N-Locust St., Stockton; owner, G. B. Cheney.
RESIDENCE, $5200; No. 1421 N-Baker St., Stockton; owner, H. E. Vickory 1122 N-Commerce St., Stockton.
RESIDENCE, $2500; No. 2250 S-California St., Stockton; owner, Geo. H. Moyer.
RESIDENCE, $2900; No. 202 E-Hampton St., Stockton; owner, J. Marenego, 221 E-Wyandotte St., Stockton.
BUILDING, $10,000; No. 120 N-California St., Stockton; owner, Wellington & Kahn.
APARTMENT house, $25,000; No. 345 S-California St., Stockton; owner, Dinublio Bros., 347 S-California St., Stockton.
RESIDENCE, $3000; No. 137 Blaine St., Stockton; owner, H. R. Hoff, 732 E-Lindsay St., Stockton.
RESIDENCE $1000; No. 58 E-Castle St., Stockton; owner, G. Morton.
RESIDENCE, $2500; No. 610 Sharon Av. Stockton; owner, Geo. Talich, 421 S-Sharon Ave., Stockton.
RESIDENCE, $4200; No. 1851 Carmel Ave., Stockton; owner, J. A. Kelly, 333 E-Market St., Stockton.
RESIDENCE, $5500; No. 2221 Crafton Way, Stockton; owner, Wm. Peenstra, 125 Kinsington Way, Stockton
GARAGE, $3000; ; 326 S Center St., Stockton; owner, J. Girsch, 311 W Oak St., Stockton.
RESIDENCE, $4900; 1223 West Vine St., Stockton; owner, J. Shepherd, Tuxedo Park, Stockton.
RESIDENCE, $3000; 118 West Elm St., Stockton; owner, Chris Thim, 1221 W North St., Stockton.

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded Accepted
April 12, 1923—LOT 5 BLK 21 VICtory Park Terrace. Frank Ernst to Frank Ernst .....April 2, 1923

BUILDING CONTRACTS

CONTRA COSTA COUNTY

DWELLING, one-story frame, $4600; N-Buena Vista St., bet. Idaho and Montana Sts., Richmond; owner, T. Puthberg, 417 Buen Vista Sts., Richmond; contractor, G. Martz, San Pablo.
DWELLING, one-story frame, $4000; W Dimm St., bet. Barrett and Roosevelt, Richmond; owner, East Richmond Heights Land Co., 23rd and Macdonald Ave., Richmond; contractor, K. J. Henning, Box 1671 Richmond.
DWELLING, one-story frame, $3500; S Nevin Ave., bet. San Pablo and Key Blvd., Richmond; owner, East Richmond Heights Land Co., 23rd and Macdonald Ave., Richmond; contractor, K. J. Henning, Box 1671, Richmond.
FLATS (4), two-story frame, $10,000; NW 26th and Barrett Sts., Richmond; owner, Chas. Selinger, 2531 19th St., San Francisco; contractor, J. G. Anderson, Box 1563, Richmond

COAST INCORPORATIONS

Articles of incorporation were filed recently with the Secretary of State, as follows:

Arthur L. Eaton Company, Inc., Los Angeles—Machinery; capital stock $50,000; shares, 500 at $100 each; subscribed $300.

Electric Smelting Corporation, San Francisco — Capital stock $50,000; shares, 500 at $100 each; subscribed $300; subscribers, Edmond E. Gorman, Milton Van Dorn, Ethel M. Gorman, one share each; attorney, Frank M. Silva, Phelan Building, San Francisco.

New Hampshire Building Company, Los Angeles—Capital stock $25,000; shares, 2500 at $10 each; subscribed $30.

Channel Plumb'ng Supply Company, Long Beach — Capital stock, $50,000; shares, 500 at $100 each; subscribed, $30,000.

Mount Diablo Lime Marl Company, Walnut Creek—Capital stock, $100,000; shares, 2000 at $50 each; subscribed, $150; subscribers, George A. Putnam, R. W. King, Richard L. Frye, one share each.

United Building and Development Company, San Francisco—Capital stock $50,000; shares, 500 at $100 each; subscribed, $300; subscribers, Norman A. Eisner, S. B. Russell, F. L. Smith, one share each; attorney, Norman A. Eisner Mills Building, San Francisco.

Hermosa-Redondo Water Company, San Francisco—Capital stock, $700,000; shares, 7000 at $100 each; subscribed, $500; subscribers, Chester H. Loveland, C. I. Rhodes, J. E. Daugherty, W. H. Davis, E. M. Doyle, one share each; attorneys, Baciga1upi & Elkus, Bank of Italy building, San Francisco.

The S. A. Gordon Company, Los Angeles—Building and contracting; capital stock, $50,000; shares, 500 at $100 each; subscribed, $300.

Meneley-Diederich Company, Los Angeles — Interior decorators; capital stock, $150,000; shares, 1500 at $100 each; subscribed, $500; subscribers, Herbert Freston, H. E. Bianchi, F. J. McCarthy, L. S. Farmer, H. M. Hammond, one share each.

Garden City Lumber Company, Los Angeles—Capital stock, $50,000; shares 10,000 at $5 each; subscribed, $35.

Lakewood Lumber Company, Los Angeles—Capital stock, $100,000; shares, 100,000 at $1 each; subscribed $5.

Woodlake Hardware Co., Woodlake, Tulare County—Capital stock, $50,000; shares, 500 at $100 each; subscribed, $300.

Beverly Building Material Company, Beverly Hills—Capital stock, $50,000; shares, 500 at $100 each; subscribed, $300.

Clarke Rock and Gravel Corporation, Los Angeles—Capital stock, $100,000; shares, 1000 at $100 each; subscribed, $300.

Craig Oil Tool Company, Long Beach —Capital stock, $100,000; shares, 1000 at $100 each; subscribed, $300.

Wagner Electric Corporation, Wilmington, Del.—Certified copy of articles filed.

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SAN FRANCISCO, CALIF., APRIL 28, 1923

Published Every Saturday
Twenty-third Year No. 17

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KOEHRING

The **Heavy Duty Mixer**

Remixes Concrete

When materials have passed through mixing process once, and come to discharging side of the drum, the reversed discharge chute sprays them back to the charging side for repeated trips through the 5-action, remixing process. This spraying-showering action, at the same time prevents separation of aggregate according to size. To the last shovelful of every batch, Koehring-mixed concrete is uniform, re-mixed concrete—***dominant strength concrete***—and to every last casting and bearing, the Koehring is the heavy duty mixer of trouble-proof, long service life.

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Construction Mixers: 10, 14, 21, 28 cu. ft. mixed concrete. Write for Catalog C 000.

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(1) Blade cuts through materials with churning action. (2) Blade carries materials up, spilling down again against motion of drum. (3) Materials hurled across diameter of drum. (4) Materials elevated to drum top and cascaded down to reversed discharge chute which (5), with scattering, spraying action, showers materials back to charging side for repeated trips through mixing process.

KOEHRING COMPANY
MILWAUKEE WISCONSIN

"SOMETHING NEW"---Dandie Mixers In Stock With Rubber Tired Wheels.

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San Francisco Los Angeles

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

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BRIDGE HEARING SET

A public meeting at which proponents and opponents of the application for a permit to build a bridge over the San Joaquin River at Antioch will be heard has been called for 1:30 P. M., May 4th, in the state highway commission quarters, Forum Bldg., Sacramento.

The call for the meeting has been issued jointly by State Engineer W. F. McClure and Major U. S. Grant, Third District United States Engineer, San Francisco. The supervisors of Contra Costa County have given notice that they will issue a permit for the structure, and, following steps provided by law, the application now goes to the state engineer for his approval or disapproval. If approved, the Contra Costa County supervisors will grant a franchise subject to endorsement of the war department.

HOUSING MEASURE APPROVED

Without a dissenting vote the Senate approved the housing bill of Senator Burnett, San Francisco, to provide the State with an entire new statute to replace the obsolete housing act now in force. All opposition to the measure vanished in the Public Health and Quarantine Committee, where it was amended extensively.

HARDWARE MANUFACTURE IN 1921, IS ANNOUNCED BY COMMERCE DEPARTMENT

The Department of Commerce announces that according to reports made to the Bureau of the Census the value of products of establishments engaged primarily in the manufacture of hardware amounted to $116,689,000 in 1921 as compared with $154,525,000 in 1919 and $73,320,000 in 1914, a decrease of 24 per cent from 1919 to 1921, but an increase of 59 per cent for the seven-year period 1914 to 1921. In addition hardware was also manufactured as a subsidiary product by establishments engaged in other industries to the value of $4,231,000 in 1921, $12,610,000 in 1919, and $291,000 in 1914.

This industry includes generally establishments manufacturing locks and hardware for builders, pianos and organs, vehicles, trunks, suitcases, caskets, furniture, etc. The industry classification cannot be considered as covering all hardware manufactures, as there is considerable overlapping with industries such as "brass, bronze, and copper products," cutlery and edge tools," "foundry and machine products," "stamped and enameled ware," etc. The data as reported by those industries are not in sufficient detail to permit an estimate of the amount of such overlapping.

Of the 430 establishments reporting products valued at $5,000 and over in 1921, 85 were located in Illinois; 75 in New York; 55 in Connecticut; 40 in Pennsylvania; 34 in Ohio; 32 in Massachusetts; 29 in Michigan; 22 in New Jersey; 9 in California; 8 in Missouri; 7 in Indiana; 5 each in Iowa, Rhode Island, and Wisconsin; 3 in Minnesota; 2 each in Kansas, Kentucky, Maine, Vermont, Virginia, Washington and Wyoming; and 1 each in Nebraska and New Hampshire.

In Janury, the month of maximum employment, 36,624 wage earners were reported, and in July, the month of minimum employment, 30,719 — the minimum representing 84 per cent of the maximum. The average number employed during 1921 was 33,802 as compared with 42,505 in 1919 and 41,-213 in 1914.

The figures for 1921 are preliminary and subject to such changes and corrections as may be found necessary from a further examination of the original reports.

STATE HIGHWAY BOARD FROWNS ON BOND PROPOSAL

The California Highway Commission has adopted a resolution informing Governor Richardson that it does not think it advisable at present to propose or submit any bond issue for the construction of highways in the State. In the resolution, Commissioners Toy, Everding and Edwards said:

"We believe that a full survey of the entire problem of State highway building in Califorina should have the attention of a legally constituted committee of citizens, representing the various interests of this State, a report from which committee should include, among other provisions, a plan of the future financing of a completed system.

"We therefore, have resolved, that the California Highway Commission is not in favor of the submission of bonding propositions to the people of California at this time."

CEMENT PRODUCTION IN MARCH UNUSUALLY HEAVY

Production of portland cement during March was unusually heavy for this season of the year. Mills of the country produced nearly 9,900,000 barrels, almost 2,000,000 barrels more than in February and nearly 50 per cent more than in March, 1922. Production for the quarter ending March 31 was considerably more than 25,000,000 barrels as compared with an average of slightly over 17,000,000 for that quarter during the five year period, 1919-1923.

Shipments from the mills during March, 10,300,000 barrels, established a high mark for that month and were more than 47 per cent greater than in March, 1922. For the first quarter of the year shipments were 21,500,000 barrels, a quantity greatly in excess of the amount moved in any similar period and approximately 54 per cent higher than the average for the five year period, 1919-1923.

Stocks of finished cement in manufacturer's hands decreased about 450,-000 barrels for the month or less than 4 per cent.

STATE NEEDS ENGINEERS

California has one of the largest road building programs to be found in the United States. The State is so large that only a big program will ever meet the needs of the people. Good highways attract desirable settlers and cause a rapid increase in property values. In order to carry out this large program, the State requires the services of a large number of draftsmen and engineers, and the California Highway Commission and the other engineering divisions of the State government are looking for properly qualified men. Anyone interested in such work can secure further information regarding the possibilities and means of securing employment from the State Civil Service Commission, Forum Bldg., Sacramento. Lists of both engineers and draftsmen will be prepared in the near future and requests for information should therefore be made immediately.

IRRIGATION WELLS IN SALINAS VALLEY, CALIFORNIA

Records of wells used for irrigation in Salinas Valley, Calif., and a map of the valley showing the location of the wells and the ground-water conditions have been placed on file in the district office of the Geological Survey of the Interior Department, at San Francisco (Room 328 Custom House), and in the office of Thomas Mayhew, County Agent for Monterey County, 259 Main Street, Salinas, Calif., where they may be consulted by any one interested in them. The table gives the depth, diameter, and yield of about 200 wells and pumping plants in the valley and other data regarding them. The map shows the parts of the valley in which the conditions are favorable for obtaining wells suitable for use in irrigation.

Caldwallader-Gibson Co., heavy hardwood operators, will establish a yard in Los Angeles. The company now maintains yards in San Francisco and New York.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

A case of considerable importance to the window glass industry, involving the validity of the basic patents of converting it from a hand blowing to a machine drawing art, will not be considered by the Supreme Court, it is announced. The Window Glass Machine Co. and the American Window Glass Co. sought to bring up for review a case against the Pittsburg Plate Glass Co., in which the Federal District Court for western Pennsylvania held that the patents had not been infringed. It was contended by the companies interested in maintaining control under the patents that in a long list of adjudicated cases presenting similar controversies the Federal courts has sustained the validity of the patents. The main patents at issue, it was aserted, had "revolutionized" the industry.

The Cajon Lime Products Company has been organized at San Bernardino to develop lime deposits near Camp Cajon, about nineteen miles north of San Bernardino. The first investment will amount to $200,000. Those interested in the company include: Wm. L. Urschel of Toledo; O. E. Brickler and W. F. Warner of Riverside, Calif. Frank Reith, former chief chemist of the Golden Gate Portland Cement Company at Oro Grande, will be superindent of the new plant.

W. C. Fankhauser, Chief of the division of finance and accounts of the California State Railroad Commission has been appointed an examiner of the commission in addition to his other duties, in order to permit him to conduct examinations into financial matters in connection with the applications to the commission for authority to issue stock and bonds and other financial matters in connection with the commission's work.

The Fobes Supply Company, electrical jobbers, and the Electric Railway and Manufacturers' Supply Company are consolidating their plants, personnel and marchandise stocks, to continue under the firm name of the Fobes Supply Company. A new building is being erected for the firm at 260 Fifth street, San Francisco. F. N. Averill will be president; R. J. Holtermann, general manager; B. S. Manuel, sales manager; R. F. McDonald, assistant sales manager; E. J. Duggan, purchasing agent. The merger begins May 1.

The National Association of Stationary Engineers, which is strictly an educational institution and not a labor union, is seeking to enlist employers of engineers in promoting the cause of efficiency and economy. There are now some 20,000 membera enrolled, and the Association believes that fully 200,000 more stationary engineers should take advantage of its educational features. The Association maintains headquarters at Sheboygan, Wis., Robert Fenn, Secretary.

The Payne Furnace & Supply Co. of Los Angeles, successor to D. W. Payne & Son, manufacturers of Payne furnaces, and one of the largest makers of hot air gas-fired furnaces on the coast, has purchased property in North Los Angeles street, Los Angeles, and plans extensive improvements.

Mitchell-Jackson, Inc., architectural engineers and contractors of San Mateo, have reorganized with increased capital stock under the name of Mitchel, Jackson & Company and will continue to operate in the peninsula district. L. R. Inwood of San Mateo is a new member of the company. Under the reorganization the officers are: C. W. Jackson, president; R. C. Mitchell, vice-president; G. K. Comstock, secretary; L. R. Inwood, treasurer.

E. Halinan, of San Francisco, is in Weed, Siskiyou county, to assume his duties as president of the Igerna Lumber company. He is associated with J. Davis, who was identified with the operation of the company last year, in the management. J. Durney, of Weed, and E. Mitchell, of Chico, interested in the company last year, have withdrawn The company now is engaged in active logging and manufacturing operations.

The new quarry at the Columbia Marble Company's property near Sonora, Tuolumne county, is now being opened wide enough to permit the use of six drilling machines and the marble is improving in quality as work goes farther into the ledge. The company now averages an output of ten carloads per month and has orders for five carloads each to Los Angeles and San Francisco.

Thos. Polich, of the Merced Concrete Company, announces additional machinery has been installed at the Merced plant to handle increase business. The company recently received the contract for a $33,500 outfall sewer at Merced in addition to a storm sewer project calling for an expenditure of $28,000.

Probate of the will of Emmett Riggins, Fresno contractor, who died Apr. 11, has been filed in the superior court at Fresno. With $1000 left to each of two sons and $5000 bequeathed to his housekeeper, Geraldine Miller, the remainder of an estimated $50,000 estate was left to another son, Stewart Riggins.

The Wyandotte Canners, Inc., have been organized at Oroville with a capital stock of $100,000 for the purpose of erecting an olive packing plant in Oroville to be leased to the Wyandotte Olive Growers' Association.

W. W. Drum, at one time with the Central Specialty Company of Los Angeles, and more recently advertising manager of Westgate Metal Products Sompany, Oakland, Calif., is now sales manager of the Central Brass Manufacturing Company of Cleveland.

A fair demand for lumber in all parts of the United States is reported by lumber companies of Spokane, Wash. An unusually heavy demand for lumber products comes from Southern California, it is reported.

Alameda City Council is planning to reoil and scarrify approximately eight miles of streets during 1923, according to Burnett Hamilton, City Engineer. The work will be started May 1.

ALONG THE LINE

H. A. Van Norman, assistant to chief engineer Wm. Mulholland of the Los Angèles department of public service, has been appointed consulting engineer to supervise the construction of the $12,000,000 sewage disposal system for Los Angeles. He will asume his new duties May 1, at a salary of $10,000 a year.

The Standard Gypsum Co., maunfacturers of Standard plaster for hardwall, finishing and casting purposes, has opened an office in the Citizens' National Bank Bldg., Los Angeles, under the management of F. O. Toribio. The company's mills are at Ludwig, Nevada, where it has a large deposit of gypsum.

The Merced plant of the California Pottery Company has been awarded a contract by the National Lead Company to manufacture 100,000 corroding pots to be used in the manufacture of white lead. The six big kilns of the pottery plant are working at full capacity.

The Arizona Brick Improvement Co. has been organized at Tucson, Ariz., with a capital stock of $25,000 and will establish a plant on a 10-acre site recently purchased. C. H. Edwards is president and W. E. Greaber, treasurer of the company.

According to word from Mariposa, Calif., the Yosemite Lumber Co., is assembling equipment at Hazel Green, where it will operate for the coming season. Millions of feet of virgin sugar pine will be cut and shipped to Merced Falls.

Harry McManus, president of the California Master Painters' Association has been elected a director of the Alameda County Builders' Exchange, succeeding David Williamson, deceased, late manager of the W. P. Fuller Company in the east bay section.

Harry H. Hume, Butte county road engineer, says two can live as cheap as one—hence, he has taken unto himself a wife, Helen Speegle, of Chico. The couple will reside in Oroville.

The Weisgerber-Hawkins Company, 101 First Street, Lewiston, Idaho, will appreciate receiving manufacturers' catalogs.

Chas. F. O'Malley of the O'Malley Lumber Co., with yards at Tucson, Phoenix and other Arizona points, died March 24 after several weeks' illness.

Western Retail Lumbermen's Association will open an office in Los Angeles with M. H. McCall in charge.

The General Supply & Lumber Co. will open yards at Lancaster and Long Beach, Calif.

W. H. Storm, Berkeley engineer, is the sixth applicant for the position of city manager of Berkeley.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

STOCKTON CARPENTERS SEEK $1 DAY INCREASE

Stockton contractors have been notified by the Carpenters' and Joiners' Union of that city that an increase in pay from $8 to $9 a day will be demanded, effective May 1st. The communication sent the contractors follows:

Official notice to contractors and mill owners:

This is to notify you of the action taken by this Local Union of Carpenters and Joiners of America No. 266, city of Stockton, in regards to action taken by this body Tuesday, April 10, 1923, that on and after the date of May 1, 1923, the wage scale for carpenters will be $9 per day.

We further notify you that all work contracted for prior to receipt of this notification, if finished by union labor, that this Local Union of Carpenters and Joiners of America No. 266, agree to reimburse you at the rate of $1 per day per man for all carpenter work performed on these jobs after May 1, 1923, providing that contractor can show bona fide contract, signed prior to receipt of this notice.

We further notify you that all work being done by day labor, or run on a percentage basis, that the $9 wage scale goes into effect on same without reimbursement on same on the day of May 1, 1923.

We further notify you that the wage scale of all mill employes will be $1 per day in advance of present existing scale on and after the date of May 1, 1923, subject to reimbursement as stated previously in this notification.

Signed by official committee,
HARRY McKEE,
THOS. I. BONNER,
DANIEL C. LOOS,
JAMES KINNEY,
G. E. TAYLOR.

The Stockton Master Builders' Association has voted to refuse the request of the Carpenters' Union of Stockton seeking a $1 day increase in wages.

At the invitation of the Master Builders' Association, and because the joiners, or millmen, made the same wage announcement, being affiliated with the carpenters, the Mill Owners of Stockton met with the Master Builders and unanimously voted against accepting the proposed wage scale of the joiners, or millmen.

"In voting to refuse this advance in the wages of the carpenters," said H. W. Perkins, secretary of the Builders' Exchange, "we desire to state that we were actuated by no animosity toward the carpenters' union or through any arbitrary spirit, but because we felt that it was a most inopportune time when Stockton is at what might be the beginning of a healthy building boom.

"It is for the good of the community at large that we have voted to refuse these advances."

BETTER LIGHTING IN SCHOOLS IS AIM OF NEW CODE

The lighting, building, education, health, and social agencies of the country have joined hands in an effort to develop a nationaly accepted code for school lighting which will correct the conditions partially responsible for the defective vision of 10 to 20 per cent of the school children.

The formulation of this code is being carried on under the auspices of the American Engineering Standards Committee, a federation of national organizations, government departments, and other agencies interested in standardization, whose official approval of a standard or code insures its ultimate acceptance by the principal interests concerned. The American Engineering Standards Committee has appointed the American Institute of Architects and the Illuminating Engineering Society joint sponsors for the code on school lighting.

ALAMEDA COUNTY SUPERVISOR CHARGES BUILDING COMBINE

"If the district attorney and the attorney-general would do their duty, charitable organizations, the county and the general public would not be the victims of building material gougers," declares John F. Mullins, Alameda County supervisor.

"The prices of building materials are beyond all reason," says Mullins. "Conditions are such that a man can buy building material in San Francisco and ship it to Oakland at a cost less than he can buy it in Alameda county. Such conditions mean that when the county charitable organizations desire to construct buildings for children or other charitable purposes, they are compelled to expend sums much greater than should be necessary."

ENGINEERS ELECT OFFICERS

Los Angeles Chapter, American Association of Engineers, has installed the following officers to serve for the ensuing year: President, Samuel Storrow, consulting engineer; first vice-president, Prof. C. W. Lawrence of University of Southern California; second vice-president, J. Hunter Clark, electrical engineer in Los Angeles department of public service; directors, E. Earl Glass, executive secretary of Associated General Contractors; A. L. Sonderegger, consulting engineer; C. R. Sumner, consulting engineer, and J. O. Marsh, officer engineer Division VII, state highway department.

ARCHITECTS OF LONG BEACH ORGANIZE CLUB

The Architects' Club of Long Beach has been formed by 35 architects of that city. W. Horace Austin is the president of the club. Other officers are: vice-president, H. H. Lochridge; second vice-president, F. H. Gentry; secretary, Natt Piper; treasurer, R. D. Van Alstyne; sergeant-at-arms, Vern Heddon. The club will co-operate with the city officials in securing better architecture for public buildings and in framing a new building code for Long Beach.

CONTRACTORS REORGANIZE

The partnership of George Lowe and Carl M. Pomeroy, engaged in the building and contracting business at Glendale, Calif., has been dissolved, and the business has been transferred to the Low Building Company, incorporated with the following officers: President and general manager, R. C. Low; vice-president, C. M. Pomeroy; secretary-treasurer, R. K. Collins. These officers and George Low, certified architect, comprise the board of directors.

SACRAMENTO ARCHITECT SEEKS ARCHITECTURAL UNITY

Sacramento, to maintain her reputation for being a city of beautiful homes and fine buildings, should pay more attention to the planning of individual homes and buildings in an effort to harmonize each new structure with the architecture of buildings already in the vicinity. This is the assertion of Architect Frederick S. Harrison, who said:

"It is a generally recognized fact that in most American cities we lose so much and miss so many opportunities for beauty by an utter disregard for what has been done before. This is just as true in Sacramento as in any other city.

"There are many instances of the new investor who disregards what has been done before and erects a building entirely out of keeping with the sense of fitness or any thought of harmonizing his new structure with those already existing.

"Take almost any group of buildings of good design and even the uninitiated finds a source of pleasure in looking at them, even though he may not know of what type of architecture they belong. Almost everyone enjoys looking at the state capitol, for it is in a harmonizing setting, but out along the streets of big buildings one may walk for blocks and see as many types of architecture as there are buildings, evidence of all the styles that ever existed, some of which are architectural atrocities.

'It is too late to change the buildings that are already built, but as Sacramento grows there is every opportunity for making Sacramento a civic planing.

"The trouble is that we tear things up with utter disregard for anything but the almighty dollar that may roll in, not recognizing the fact that a little money expended judiciously may make a thing of beauty out of a utilitarian object and in the long run pay dividends for what extra is expended. We forget that beauty can have a revenue value just as well as the hastily constructed, ugly and out-of-keeping type of structure.

"The same things that apply to big buildings are true of homes. How often it is the case in Sacramento that nice street of good homes is city to be famed for its beauty and utterly ruined by home built merely to sell and erected as though there were not another house in sight.

"It is a simple matter to do a little planning before building and not only conserve the beauty of a district, but add to it and have a home which you would be proud to show a critical friend of architectural tendency. Look around before building, scrutinize the district, study the types of architecture and try to build a home that will harmonize. You will be repaid many times by the feeling of having done something well, and the satisfaction of owning a beauty spot, which should be the right of every home owner."

With the purchase of land and equipment of the City Improvement Company of Santa Cruz, the Granite Rock Company of Watsonville now maintains plants at Watsonville, Santa Cruz, Salinas, Hollister, San Juan, San Lucas and Templeton. New bunkers, pits, elevators and spur tracks will be put in at the Santa Cruz plant.

CARQUINEZ BRIDGE PLANS ARE APPROVED BY ARMY ENGINEERS

Plans of the Rodeo-Vallejo Ferry Company of San Francisco for a cantilever type bridge spanning Carquinez Straits have received the approval of the Chief of Army Engineers and forwarded to Secretary of War Weeks for final action.

It is expected that the secretary will approve the plans within the next two weeks.

Professor Charles E. Derleth of Berkeley, consulting engineer for the project, says the cantilever type bridge provided for a main pier in midstream and two main spans of 1,100 feet. The two piers supporting either end if the 1,100 foot spans would be within the pierhead lines.

The cantilever type structure, according to Engineer Derleth, can be erected for considerable less money than the suspension type. Plans for a suspension type bridge were submitted to the War Department as an alternative proposition and provided for one great span over the center of the stream.

The present bridge will have two main center spans of 1,100 feet each and two approach spans of about 500 feet each. These, with the pier, will give a total span to the bridge proper of 3.350 feet. There also will be about 1,000 feet of viaduct approaching the bridge. The lowest part of the bridge will be 135 feet above high water. The main trusses will be thirty-five feet apart, giving a thirty-foot concrete roadway across the bridge.

The estimated cost of the structure is $4,000,000. The length of time for construction will depend much on ability to secure steel and other materials. With no delays, Derleth estimates it would be possible to complete the structure within two years.

BIG BUSINESS AREA LOOMS, SAYS CHAS. M. SCHWAB

"Indications are that we are entering into a period of business expansion and utmost caution must be exercised to prevent this from developing into a secondary inflation which would be disastrous," Charles M. Schwab, chairman of the Bethlehem Steel corporation, says.

"Business is plentiful and industry is active throughout the country," he adds, "and we have every reason to feel happy over the situation.

"Our job right now is to keep an even keel and to steer a straight course. Business is on a firm foundation but it must be kept there. Economic conditions abroad are not as promising as I would have them but I am not at all discouraged over the outlook and I think progress is being made and will be made for the remainder of the year.

"I have always found the steel industry is a pretty accurate indicator of industrial conditions. Bethlehem plans are all working almost at capacity and I am sure the same conditions apply to most other steel mills. It is rather a good sign that a good part of this steel is going into new construction work and railway equipment. This indicates business leaders are looking forward in an effort to meet demands that will be made on them for increased production and increased transportation.

"If there is one word of advice I would give it would be that we proceed carefully and place our confidence in the integrity and good judgment of American business men."

Edward Dearborn, street and water superintendent of Redwood City, has tendered his resignation to the city trustees.

Trade Associations Endorsed by National Commerce Chamber

Approval of the existence of properly functioning trade associations for each important branch of industry and commerce in the country was voted by business organizations affiliated with the Chamber of Commerce of the United States in a preliminary referendum canvas April 13 last, results of which are announced by the National Chamber. Eight separate prepositions relative to the activities of trade associations were submitted. The affirmative prevailed by good majorities in every case. The propositions and the vote in each case follow:

"First: Because of numerous useful and important functions of obvious propriety trade associations should exist for each important branch of industry and commerce." Result: For, 1692; Against 6. Necessary to carry, 132.

"Second: A trade association should have such a membership that it can be representative of the industry in connection with problems affecting the general advance of the industry." Result: For, 1675; Against, 5; Necessary to carry, 1120.

"Third: A trade association should be prepared to consider all problems affecting the general advance of its industry or branch of commerce." Result: For, 1666; Against, 14; necessary to carry 1120.

"Fourth: Trade associations should continue free from special forms of governmental control." Result: For, 1596; Against, 86; necessary to carry, 1122.

"Fifth: Statistics of capacity, production, stocks, and sales should be collected by a trade association for its industry or branch of commerce." Result: For, 1653; Against, 20; necessary to carry, 1116.

"Sixth: Statistics of actual prices in closed transactions should be collected by a trade association for its industry or branch of commerce." Result: For, 1520; Against, 133; necessary to carry, 1103.

"Seventh: Any interpretation of statistics or other comment which could induce or facilitate concerted action on the part of members should be omitted by a trade association." Result: For, 1487; Against, 130; necessary to carry, 1079.

"Eight: Statistics of capacity, production, stocks, sales and prices a trade association should make as available to the public and to government agencies interested in following the course of the industry and commerce as to members." Result: For, 1334; Against, 282; necessary to carry, 1077.

The propositions were taken from the report of the special committee created by action of the Board of Directors of the National Chamber in 1922 to "make a general survey of trade associations, consider activities of trade associations which are in the interest of the public and of the fields of enterprise which are represented." Philip H. Gadsden, of Philadelphia, vice-president of the United Gas Improvement Company, headed the committee as chairman.

The committee expressed itself as of the opinion "that, while a minority of trade associations may have engaged in practices which have laid them open to complaint under the law with respect to restraints of trade, the vast majority have proved their great value for the advancement, day by day, of the processes of production and distribution."

In expressing opposition to government control of trade associations, the committee said:

"The possibility that a trade association may err by violating a statute no more justifies any attempt on the part of governmental authority to control trade associations in all their activities than the possibility of illegal acts on the part of individuals warrants like supervision over all their actions. Such supervision would inevitably restrict the freedom of action of trade associations in meeting the problems which they exist to solve."

The committe laid down as its recommendation three rules with relation to the statistical activities of trade associations, as follows:

"Reports of members to their association should be accurate and sufficiently complete to prevent misconstruction.

"As distributed to the membership, the statistics should not be accompanied with any interpretation or other comment which could induce or facilitate concerted action on the part of members.

"All statistics regarding prices should be confined to closed transactions, and should not refer to pending transactions or future transactions."

Summarizing its conclusions the committee said:

"The committee believes that trustworthy information concerning capacity, production, stocks, sales, and prices is essential to the effective operation of industry and trade under competitive conditions. The voluntary reporting of such information to trade associations and the subsequent publication and dissemination of such information in a manner which makes it available not only to contributors but also to consumers and to the public generally is beneficial alike to the field of business and the public and does not constitute a restraint of trade."

R. R. PROPERTY WORTH TWICE VALUATION, ENGINEER SAYS

Richard Sachse, former chief valuation engineer for the state railroad commission, testified in the United States district court (San Francisco) that the value of California operative properties of the Southern Pacific properties of the Southern Pacific and Atchison, Topeka and Santa Fe railroads is more than twice the figure given by railroad company witnesses who testified at the King tax suit injunction now before the federal court.

The value given by the railroad company witnesses for the Southern Pacific was $199,000,000, while Sachso's figures for rate making purposes was $500,000,000. The Santa Fe contended its property was worth $75,000,000. Sachse said the value of its California property was $150,000,000.

MONOLITH CEMENT COMPANY PLANS TO DOUBLE OUTPUT

The Monolith Portland Cement Company plans to increase the capacity of its plant at Monolith, Calif., to 6,000 barrels or 24,000 sacks daily by January 1, 1924.

The capacity of the plant has just been brought to 3,000 barrels daily by placing in operation new machinery recently installed. The company has already contracted for additional machinery to bring its capacity to 4,500 barrels, which it is expected, will be installed by July 1.

WANTED—Detail draughtsman and estimator for Contractor's Office in Oakland. Reply to BOX 10, % Building & Engineering News.

Building News Section

APARTMENTS

Plans Being Figured.
APARTMENTS Cost, $——
SAN FRANCISCO. W Jones St, N Turk
Three-story and basement reinforced concrete store and apartment building.
Owner—H. F. Ramacciotti.
Supervising Architect—August G. Headman, Call Bldg., S. F.
Figures are being taken both for a general contract and segregated contracts.

Plans Ready for Figures.
APARTMENTS Cost, $25,000
SAN FRANCISCO. W Fillmore 57-6 N Hayes Street.
Three-story frame apartment building.
Owner—E. Broderick.
Architect—Carl Geilfuss, 1056 Fulton St., San Francisco.

Figures To Be Taken Shortly.
APT. BLDG. Cost—
SAN FRANCISCO, Jones St. near Vallejo.
Two-story frame apt. bldg. (4 4-room apartments)
Owner—Frank Imbert.
Architect—Erle J. Osborne, Balboa Bldg. San Francisco.

Plans Being Figured.
APT.-FLAT BLDG. Cost, $20,000
SAN FRANCISCO, NW Larkin & Greenwich Streets.
Two-story and basement frame and stucco apt.-flat bldg. (28-room apt. with garage).
Owner—Miss Anne M. Convey.
Architect—John H. Powers & John H. Ahnden, 460 Montgomery St., San Francisco.
Figures are being taken for a general contract.

Sub-Figures To Be Taken Next Week.
APARTMENTS Cost, $1,300,000
SAN FRANCISCO, SE California and Taylor Streets.
Twelve-story and basement class A steel frame apartment house (450 rooms, 2, 3 and 4-room apts., garage and terraced garden).
Owner—Huntington Apartments, Inc. E. B. de Golia, president, and Harrison P. Smith, 114 Sansome St., San Francisco.
Architect — Weeks & Day, California Insurance Bldg., San Francisco.
Contractor—Cahill Bros., 110 Sutter St., San Francisco.
All apartments will be completely furnished. The exterior will have light brick and terra cotta trimmings, tile roof, marble and walnut lobby, bronze doors, linotile bathroom floors, concealed radiators, wall beds, refrigerators, incinerator, electric stoves.

Plans Being Prepared.
APT. BLDG. Cost, $90,000
SAN FRANCISCO, N Jackson 100 E Buchanan.
Five-story class C reinf. conc. apt. bldg.
Owner—Sydney L. Peiser.
Architect—MacDonald & Couchot, 234 Pine St., San Francisco.

Plans Being Figured:
APARTMENTS Cost, $25,000
SAN FRANCISCO, Green St., near Franklin St.
Three-story frame and stucco apartment building (6 3-room apts.)
Owner—Withheld.
Architect—A. J. Fabre and E. Hildebrand, 110 Sutter St., San Francisco.

Plans Being Figured:
APARTMENTS Cost, $30,000
SAN FRANCISCO. Larkin St.
Two-story and basement frame and stucco building 6 4-room apts.
Owner—Withheld.
Architect—A. J. Fabre & E. H. Hildebrand, 110 Sutter St., S. F.

Contracts Awarded:
ALTERATIONS Cost, $11,355
SAN FRANCISCO, Green Street.
Alter two-story frame flat building in (5) apartments.
Owner, Fk. H. Peters.
Architect — Fabre & Hildebrand, 110 Sutter St., San Francisco.
Contractor—Pene & Hodges.
Note: This contract does not include hardware, shades, fixtures and fire escapes.

Low Bidder.
APARTMENTS Cost, $——
SAN FRANCISCO, N Washington 128-9 E Jones St.
Four-story and basement concrete apartment building (19 apts.)
Owner—Mrs. A. G. Boggs, 1266 Washington St., San Francisco.
Architect — Miss Julia Morgan, 1135 Merchants' Exchange Bldg., S. F.
Lower Bidder—Grace & Bernieri, Claus Spreckels Bldg.
Other bids ran as follows: $127,430, $127,920, $128,830, $134,452, $157,382. (45815) 1st report April 3, 1923; 2nd April 11, 1923.

Plans Being Figured.
APT. BLDG. Cost, $95,000
SAN FRANCISCO, E Leavenworth St., bet. Sutter and Post.
Six-story class C reinforced concrete apt. building (36 2-room apts.)
Owner—Dr. F. R. Orella, 326 Geary St., San Francisco.
Architect—O'Brien Bros., 315 Montgomery St., San Francisco.
Bids are being taken for a general contract except painting and glass. (45824) 1st report April 4, 1923.

LONG BEACH, Los Angeles Co., Cal. —Architect Edwin Bergstrom, 1128 Cit. National Bank Bldg., has prepared preliminary plans for a ten-story and basement co-operative apartment house to be erected at northwest cor. of Third and Atlantic Sts., Long Beach, for Concord Mansions Bldg. Co., represented by Mrs. E. T. Church, realtor, 143 E-First St., Long Beach. The site is 50x150 ft., and will cost $600,000.

PETALUMA, Sonoma Co., Cal.—Conway & Stricker, Petaluma contractors, will erect for themselves a $10,000 apartment house in Western avenue bet. Howard and Upham Sts.

LONG BEACH, L. A. Co., Cal.—Joseph H. Roberts, 213 Marine Bank Bldg., Long Beach, is preparing plans for a 4-story and part basement brick store apt. and hotel bldg. to be erected at 421 E 6th St., Long Beach, by Contractor Charles A. Reed, 421 E. 6th St. Long Beach, for himself. Two stores, office and auto storage in first story, 16 single and double apts. on 2nd and 3rd floors, owners residence and 10 hotel rooms. Pressed brick and terra cotta facing, plate glass, cem. fls., tile entrances and marble base.

ROSEVILLE, Placer Co., Cal.—A. Z. Zonneyville, Russ Bldg., Roseville, is taking bids to erect 2-story brick stores and apartment building in Main St.

LOS ANGELES, Cal—Arthur T. Hesse 1117 Hollingsworth Bldg., has the cont. to erect a 3-story class C apartment house at 401 S Rampart Blvd. for Arville A. Hesse, 3553 Hoover St. It will contain 98 rms., 44 apts.; dimensions, 78x110 ft., brick walls, press. brick facing, comp. rfg., pine trim, wall beds, tiled baths, gas rads., water htrs., $140,000.

BONDS

LIVINGSTON, Merced Co., Cal—Bonds of $10,000 voted to finance construction of new grammar school.

LIVINGSTON, Merced Co., Cal.—Election will be held in Livingston Union High School District to vote bonds to finance construction of a new school building. Estimates of cost are being prepared.

VISALIA, Tulare Co., Cal.—County supervisors will open bids May 8 for purchase of $6500 bond issue of Linder School District; proceeds of sale to finance school improvements.

SAN DIEGO, Cal.—The $250,000 library bond issue carried at the recent election. Although lacking the required two-thirds vote, the Council upon opinion of City Attorney, declared the issue had carried.

RIVERSIDE, Riverside Co., Cal. — An election will be held May 18, to vote on a $100,000 bond issue to provide funds for a city hall. C. B. Burns, city clerk.

MONROVIA, L. A. Co., Cal.—A bond election will be held in Monrovia May 15, to vote on a $400,000 high school bond issue. An option has been secured on a site for the new high school on West White Oak Ave., near the city limits. The purchase of a site for a junior high school in Arcadia is also planned. Dr. A. L. Smith, chairman of the board.

SANTA ROSA, Sonoma Co., Cal.—Until May 15 bids will be rec. by county supervisors for purchase of $10,000 bond issue of Pleasant Hill School District; proceeds of sale to finance new school building.

RED BLUFF, Tehama Co., Cal.—Election will be held May 11 in Red Bluff School District to vote bonds of $96,000 to finance school improvements. Trustees of District are: W. A. Armstrong, O. L. Bagley and J. G. Beard. W. H. Weeks, 369 Pine St., San Francisco, is the architect.

TURLOCK, Stanislaus Co., Cal.—Election will be held May 12 in Keyes School District to vote bonds of $24,000 to finance school improvements. Trustees of district are: Chas. H. Austin, W. A. Oberkamper and Frank E. Smith.

CHURCHES

Revised Plans Being Figured By Low Bidders.
CHURCH Cost, $100,000
STOCKTON, San Joaquin Co., Cal. Center and Flora Streets.
Concrete church building (terra cotta finish and purple glazed roof)
Owner—First Church of Christ Scientist.
Architect—Glenn Allen, 37 S Aurora St. Stockton.

MODESTO, Stanislaus Co., Cal.—Roman Catholic Church sells 16 lots bordering H, I and 16th Sts., to Methodist Episcopal Church, which proposes to erect new $100,000 edifice. Proposed building will be of hollow tile construction. Main auditorium will seat 1200. One-half of the building funds are available.

SEATTLE, Wash.—Archt. Robert H. Orr, 1305 Corporation Bldg., has been commissioned to prepare plans for a new church bldg., to be erected at Seattle for University Christian Church of that city. Auditorium to seat 1500; masonry constr.; cost, $150,000.

FACTORIES & WAREHOUSES

Concrete Contract Awarded.
WHOLESALE BLDG. Cost—
SAN FRANCISCO, Mission, Ecker and Jessie Streets.
Five-story and basement reinforced concrete store and wholesale bldg.
Owner—Miss Lucy H. and Miss Edith W. Allyne.
Architect—Reid Bros., 105 Montgomery St., San Francisco.
The concrete work has been awarded to John Spargo, Russ Bldg., at $92,976.

Contractor To Take Sub-Figures Next Week.
WAREHOUSE Cost, $54,000
SAN FRANCISCO, SE Kansas & 24th St.
Four-story concrete warehouse.
Owner — Bass-Hueter Paint Co., 816 Mission St., San Francisco.
Architect—A. A. Pyle, 918 Harrison St., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.

Contractors to Take Sub-Figures Next Week.
FACTORY Cost, $60,000
OAKLAND, Alameda Co., Cal. Doyle Street.
One-story Class C factory building.
Owner — Western Waxed Paper Co., Monadnock Bldg., San Francisco.
Architect—R. Yane Woods, 505 17th St., Oakland.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.

Contracts To Be Awarded Next Week.
FACTORY Cost, $90,000
SAN FRANCISCO, N 16th St., bet. Harrison and Alabama Sts.
Two-story brick and steel factory.
Owner — Richard Helmann, Inc., 576 Mills Bldg., San Francisco.
Engineer — John K. Turton Co., 101 Park Ave., New York.
Supervising Engineer — A. Toriggino, Mills Bldg., San Francisco.

MARTINEZ, Contra Costa Co., Cal.—Schlage Manufacturing Co. ,manufacturers of door locks, is seeking a site in Martinez on which to erect a plant. J. B. Ruegg, 315 Montgomery St., S. F., is president of company.

LOS ANGELES, Cal — Continental Furniture Manufacturing Co., of San Francisco, has purchased a 5-acre site at n.e. cor. of Slauson Ave. and 59th St. and plans the erection of a group of factory bldgs. for a local plant. Plans will probably be prepared by S. Heiman, 57 Post St., S. F., who was the architect for the S. F. factory.

YUBA CITY, Sutter Co., Cal.—Until May 8, 11 A. M., bids will be rec. by Albert B. Brown, county clerk, to const. corru. iron warehouse at Yuba City. Cert. check 10% payable to county req. Spec. obtainable from office of county surveyor.

OROVILLE, Butte Co., Cal.—Wyandotte Canners, Inc., has been organized at Oroville with a capital stock of $100,000 and will erect olive packing plant to be leased to the Wyandotte Oliver Growers' Ass'n. Incorporators are: J. F. Daniels, L. C. Stevenson, C. H. Mott, all of Wyandotte; R. C. Brandt of Oroville, and A. Rominger of Bangor

BEND, Ore.—Directors of Bend Woolen Mills, A. H. Horn, pres., have had plans prepared and will start construction shortly on a woolen mill.

GLENBURN, Shasta Co., Cal.—Harry Horr of this town will establish a sawmill near Pit No. 3 on Pit River to furnish lumber required for construction projects. Mill will have daily capacity of 25,000 ft.

LOS ANGELES, Cal.—Ashley & Evers 58 Sutter St., San Francisco, have prepared plans for a 5-story class A warehouse to b erected on Factory Pl. nr. Alameda St., for Dohrmann Commercial Co., 436 S Broadway. Dimensions, 135x150 ft., reinf. conc. constr., stucco exter, steel sash, comp. rfg., metal skylights, elevators, equipment, steel rolling doors; $180,000.

LOS ANGELES, Cal.—Archt. R. Hutchason, 924 Van Nuys Bldg., L. A., has prepared plans for a 5-story class A warehouse to be erected at Santa Monica for Hedmen Fireproof Storage Co. There will be 3 rooms in the first story; dimensions, 55x100 ft., reinf. conc. construction, stucco exter., cast stone work, plate glass fronts, comp. rfg., steel sash, freight elevator, vault, fire doors, etc. The general work will be done by the day; bids are desired on sub-contracts.

ROSEVILLE, Placer Co., Cal.—Pacific Fruit Express Co. has started construction of 110 by 185 ft. addition to ice plant; est. cost $200,000. Equipment will cost $200,000. J. E. Estes is in charge of construction.

LOS ANGELES, Cal.—Frank D. Chase Inc., engrs., 533 Title Ins. Bldg., is preparing plans for a 6-story class A industrial bldg. to be erected on Downey Central Mfg. Dist. Reinf. conc. constr., 6-story, 140x90 ft. ,10-story tower, brick exter., walls, terra cotta trim, conc. and maple fls., comp. rfg., tower to contain 150,000 gal water pressure tank, freight and passenger elevators, club rms. for employees, sprinkler system, steel sash, rolling steel doors; $750,000.

VANCOUVER, B. C.—Seamon Paper Co. of Chicago, Ill., will erect a $8,000,000 paper mill in North Vancouver. Will have daily capacity of 250 tons.

FLATS

Figures To Be Taken This Week.
ALTERATION Cost—
SAN FRANCISCO, Sacramento St.
Alter 3-story frame flat and laundry bldg. (remodel front, etc.)
Owner—Withheld.
Architect — Fabre & Hildebrand, 110 Sutter St., San Francisco.

Figures To Be Taken Shortly.
RES. FLAT Cost—
SAN FRANCISCO, Franklin St. near Lombard.
Two-story frame residential flat bldg.
Owner—Jos. Jacques.
Architect — Erle J. Osborne, Balboa Bldg., San Francisco.

GARAGES

Contract Awarded.
GARAGE Cost $26,000
OAKLAND, Adeline & 32nd Sts.
One-story reinforced concrete garage.
Owner—Louis R. Lurie Co., 315 Montgomery St., S. F.
Architect—O'Brien Bros., 315 Montgomery St., San Francisco.
Lessee—Pacific Tel. & Tel. Co.
Contractor—Alfred Vogt, 185 Stevenson St.

Plans Being Figured.
GARAGE Cost, $16,000
BERKELEY, Alameda Co., Cal. Derby and Shattuck Aves.
One-story reinforced concrete commercial garage.
Owner—C. McCarron, Chevrolet Agency
Architect—W. H. Ratcliff Jr., 1st National Bank Bldg., Berkeley.

LOS ANGELES, Cal.—Stanton, Reed & Hibbard, 620 Metropolitan Bldg., are preparing plans and will erect an 8-story Class A garage building at the northwest corner of 4th and Olive Sts. for Biltmore Garage Corp. It will be 114x165 ft. and will accommodate 700 automobiles. Reinforced concrete construction, stucco exterior, comp. roofing, steel sash, metal skylights, elevators, etc.

LOS ANGELES, Cal. — Bowen & Nichols, 602 Van Nuys Bldg., have the contract at $77,000 for the erection of a garage at 517 Hewitt St., for Baker Bros. Plans by Architect W. J. Saunders, 227 Laughlin Bldg. Reinforced concrete constr., 1-story, 270x430 ft., composition roofing, cement floors, metal skylights, steel sash.

TULARE, Tulare Co., Cal.—Southern California Edison Co., will erect $20,000 warehouse and garage in North L street. Will be one story in height, 66 by 100 ft. reinforced concrete and brick construction.

GOVERNMENT WORK AND SUPPLIES

Plans Being Refigured — Bids Close May 8, 1923, 11 a. m.
WARD BLDG. Cost, $55,000
SAN FRANCISCO, Letterman General Hospital.
Two-story concrete ward building.
Owner—U. S. Government.
Architect — Constructing Quartermaster's office, Fort Mason.
Bids are being taken for a general contract, heating, plumbing and electrical work. All bids received on April 10 were rejected. Plans and specifications are the same with the exception of the "L" connecting ward B is omitted.
Plans may be obtained from the Consulting Quartermaster's Office on a deposit of $10.

Plans Being Figured—Bids Close May 3, 1923, 11 a. m.
SOLDIERS' CAMP Cost—
GIGLING RESERVATION, Monterey Co Cal., 15,600 acres 3½ miles from Hilltown or 8 miles from Salinas.
Summer training camp (26 latrines, 45 kitchens & mess halls, 10 bathrms., hot water sys., 4 watering troughs, corrugated iron storehouse, 200,000 gal. redwood tank with concrete foundation, etc. Two centrifugal pumps of 300 gal. per min. capacity, 30 h. p. motor.
All work will be handled by the Constructing Quartermaster of Fort Mason, where plans may be obtained.

SAN FRANCISCO—Until May 4, 11 a. m., bids will be rec. by U. S. Engineer Office, 85 2nd St., under Order No. 4488, for fur. and del. Rio Vista, Solano county: 6 No. Keyless sockets, 40 w 110 v lamps; 2 No. Key sockets, 40 w 110 v lamps; 2 No. globes, clear for Benjamin water tight marine portable 6847 W. E. Co. 1922 Cat; 2 No. type V condulets, ½-in. pipe thread complete with ruby globes; 24 No. wire connectors, med. size rectangular similar to No. 6535 P. S. E.; 4 No type V C 1189 condulets complete with clear globes; 2 No. type V. H. C. 1189 condulets complete with clear globes; 1 No. type V. H. 189 condulets complete with clear globes; 1 No. Two wire water tight receptacle and plug No. 583 and 585 W. E. Co.

SAN FRANCISCO—Until May 1, 11 a. m., bids will be rec. by U. S. Engineer Office, 85 2nd St., for fur. and del. Rio Vista, Solano county, Miscellaneous hardware and supplies, under Order No. 4504/425.425. Complete list of materials desired will be furnished on request.

SAN FRANCISCO—Until May 2, 11 A. M., bids will be rec. by U. S. Engineer Office, 85 2nd St., under Order No. 4505/425 for fur. and del. Rio Vista, Solano County: Miscellaneous lumber. Lists of matreials desired will be furnished on application.

SEATTLE, Wash.—Until May 2, 11 A. M., under Circular No. 606, bids will be rec. by Alaskan Engineering Commission, for fur. and del. Throttle Tubes for Riveting Hammer, Grab Irons, Angles, Channels, Paint Gun and parts, Truss Rod Struts for Flat Cars, Truck Column Posts for Cars, Dipper Hinges and Propelling Clutch for Bucyrus Shovel, Lumber (Car Roofing and Car Lining), Linseed Oil Meal, Oils and Greases, Gilsonite, Paints and Paint Brushes.

SEATTLE, Wash.—Until May 15, 11 a. m., bids will be rec. by U. S. Bureau of Fisheries, 1217 L. C. Smith Bldg., for fur. and install. at Seattle, Wash., engines, full or semi-Diesel type, in Fisheries Vessels Elder and Kittiwako; engines to develop approx. 125 and 50 h. p. resp. Blanks for bidding and further information on request.

Office Constructing Quartermaster, Fort Mason, Calif. Sealed proposals will be received here until 11 a. m., April 26, 1923, for drilling a well at Gigling, Calif. Information on application.

WASHINGTON, D. C.—The following are the three lowest bids received on April 25th by the Bureau of Yards and Docks, Navy Department, under Specification No. 2776 for furnishing and installation in place of approximately 1007 linear feet of reinforced concrete dike and 263 linear feet of creosoted timber dike, at the navy yard, Mare Island, Calif. All timber round piles, all creosoted timber sheet piling and all creosoted timber will be furnished by the Government.

Tibbitts Pacific Co., 16 California St., S. F., Item 1, $120,939, alternate $14,295 and $104,500, Item 2, $68,-872.

Healy-Tibbitts Construction Co., S. F., 1, $122,800, 2 $67,520.

Clinton Construction Co., S. F., 1, $125,-108, 2 $81,000.

WASHINGTON, D. C.—Following additional bids were received by Supervising Architect, Treasury Dept., to const. postoffice and customhouse at Nogales, Ariz.: Devault & Dietrick, Canton, Ohio, $92,253; H. J. Farmer, Box 1083, Nogales, Ariz., $95,480; Chas. Weitz's Sons, 713 Mulberry St., Des Moines, Iowa, $98,000; J. C. Miller, 524 Lebanon Ave., Campbellsville, Ky., $102,600.

LOS ANGELES, Cal.—See "Dredging, Harbor Works and Excavations," this issue.

WASHINGTON, D. C.—Bids are being rec. by Bur. of Supplies and Accounts, Navy Dept., for fur. supplies to Navy Yards as follows: date for opening bids as noted at end of paragraph:

Schedule 731, for Mare Island, 77,000 lbs. galvanized flat soft sheet steel,, May 15.

Schedule 733, for Mare Island, Calif., 40,000 large china bowls and 45,000 china cups, May 15.

Schedule 734, eastern and western yards, miscellaneous files, May 15.

Schedule 735, eastern and western yards, small hand tools, May 15.

Schedule 736, for west coast navy yards, gasoline and distillate requirements from July 1, 1923 to June 30, 1924 May 3.

Schedule 737, Mare Island, 50 feet insulating rubber, May 15.

Schedule 738, Mare Island, 7000 flanged heel globes, May 15.

Schedule 743, Mare Island, miscellaneous taps and dies, May 8.

Schedule 744, eastern and western yards, hacksaw blades, May 15.

Schedule 745, eastern and western yards, 10,000 gasoline drums, May 1.

SAN FRANCISCO — Following bids rec. by U. S. Eng. Office for fur. dredge tender: W. J. Cryer, foot of Dennison St., Oakland, Calif., $13,690, Atlas-Diesel 3-cylinder 55 h. p. engine; alternative bid offers to furnish standard Diesel, 2-cylinder 55 h. p. engine in tender for $12,370.

U. S. Navy Yard, Mare Island, Calif., $13,307, Fairbanks-Morse engine; received after hour of opening.

Nunes Bros., Sacramento, Calif., $14,-000 with a 45 h. p. Fairbanks-Morse engine, $15,725 with a 55 h. p. Atlas Imperial engine.

WASHINGTON, D. C. — Following bids rec. by Bur. of Yds and Docks, Navy Dept., under Spec. 4817, for exterior lighting at San Diego: W. A. McNally, 517 South Broadway, Pasadena, Calif., $6210; Southern Electric Co., 3rd and E Sts., San Diego, Calif., $5386; 100 days; Bourbon & Co., 1936 University Ave., San Diego, Calif., $5400, 100 days; Central Electric Co., 179 Minna St., San Francisco, $5400, 100 days; A. C. Rice, 1963 Santee St., Los Angeles, Cal., $5050, alternate $4650; Globe Electric Works, 6th and K Sts., San Diego, Cal., $5500; 125 days.

SAN FRANCISCO—Ostlund and Johnson, 1901 Bryant St., as $1150, time to complete 30 days, awarded cont. by Supervising Architect, Treasury Dept., to fur. and install casement sash, in San Francisco mint.

WASHINGTON, D. C.—Until May 23, bids will be rec. by Bur. of Yards and Docks, Navy Dept., under Spec. 4766, to const. conc. roads at San Diego, Calif. Deposit of $10 req. for plans.

WASHINGTON, D. C.—Until June 6, 11 a. m., bids will be rec. by Bur. Yds. and Docks, Navy Dept., under Spec. 4767, for refrigerating equipment for Pearl Harbor. For further particulars see **call for bids under official proposal section in this issue.**

KLAMATH FALLS, Ore.—Following bids rec. by U. S. Reclamation Service, Klamath Falls, Ore., under Circular 313-B, for timber bridges, West Canal, Langell Valley division, Klamath project:

Bid 1. W. E. McAboy, Klamath Falls, Oregon.
2. L. O. Mills, Klamath Falls, Oregon.
3. H. J. Ticknor, Langell Valley, Ore.
4 Timber Highway Bridges
Item 1. 500 cu. yds. excavation, class 1—Bid 1, $225; 2, $250; 3, $200.
2. 175 cu. yds. excavation for structures—Bid 1, $175; 2, $306.25; 3, $122.50.
3. 45 cu. yds. rubble masonry—Bid 1, $450; 2, $720; 3, $540.
17 timber farm bridges, 26 M. B. M. —Bid 1, $949; 2, $1560; 3, $832.
5. 1700 cu. yds. excavation, class 1—Bid 1, $595; 2, $850; 3, $680.
6. 350 cu. yds. excavation for structures—Bid 1, $350; 2, $612.50; 3, $245.
7. Hauling and erecting lumber, 85 M. B. M.—Bid 1, $2805; 2, $5100; 3, $2295.
Totals—Bid 1, $5549; 2, $9398.75; 3, $4914.50.

HALLS AND SOCIETY BUILDINGS

Segregated Figures to be Taken Shortly
CLUB BLDG. Cost. $75,000 to $80,000
BERKELEY, Alameda Co., Cal. Corner Bancroft Way and Bowditch St.
One-story reinforced concrete and steel Class B club building (Built for additional stories).
Owner—Masonic Club of the University of California. Hotel Bancroft, Bkly.
Architect — Carl Werner, Santa Fe Bldg., San Francisco.
As reported, the concrete work and excavating was awarded to C. L. Wold Co., 185 Stevenson St., San Francisco at $7900, and the steel to Central Iron Works, 2050 Bryant St., San Francisco, at $12,392.

Commissioned to Prepare Plans.
CLASS A HALL Cost, $80,000
SAN FRANCISCO. E Jones St. bet. Eddy and Turk Sts., 54x137-6.
Two-story, basement and mazzanine floor Class A or C hall (designed for additional stories).
Owner—Musicians' Union No. 6.
Architect—Sylvain Schnaittacher, 233 Pose St., San Francisco.

Plans Being Prepared.
GYMNASIUM BLDG. Cost, $15,000
SACRAMENTO, Cal., "I" St., bet. 23rd & 24th Streets.
One-story & mez. floor frame gymnasium bldg.
Owner—McKinley Park Athletic Club.
Architect—Frederick S. Harrison, People's Bank Bldg., Sacramento.

LOS ANGELES, Cal.—J. G. Cannon, Long Beach, is president and Verne Lumas, J. G. Keck and Bart Stevens are members, organizing the Petroleum Commercial Club. A $750,000 club building including 100 apartments, banquet room, billiard room, gymnasium, is contemplated.

SANTA CRUZ, Santa Cruz Co., Cal.—Lloyd Bowman, county engineer of Santa Cruz County, heads committee seeking construction of clubhouse for American Legion Posts in Santa Cruz County.

EUREKA, Humboldt Co., Cal.—Until May 1, 8 P. M., bids will be rec. by Eugene S. Selvage, Sect'y., Bd. of Directors of Humboldt Golf & Country Club, First Nat'l. Bank Bldg., Eureka, to const. club house on Humboldt Hill. Cert. check 10% req. with each bid. Plans obtainable from sect'y.

ELSINORE, Cal.—See "Wharves and Docks," this issue.

SANTA ANA, Orange Co., Cal. — A holding company formed of certain members of the Santa Ana Country Club, has purchased 144.29 acres on Santa Ana Hts., as a site for the proposed club house and golf course. The purchase was made from Bradford, Bryan % McCoy. Members of the committee are: Charles F. Smith, John L. Wheeler, C. S. Kendall and H. J. Forgy.

HOSPITALS

Sketches Prepared.
HOSPITAL Cost $500,000 or more
OAKLAND, Alameda Co., Cal., Webster and Summit Sts.
Four-story class A hospital.
Owner—Providence Hospital Association.
Architect—R. A. Herold, Forum Bldg., Sacramento.

Plans to be Prepared.
HOSPITAL Cost. $250,000
ALAMEDA, Alameda Co., Cal. SW Willow St. and Clinton Ave.
Reinforced concrete hospital.
Owner—Alameda Sanatorium (Miss Creedon), 2054 Clinton Ave., Ala.
Architect—To be selected shortly.
The Alameda City Council has granted the Sanatorium permission to build on this location.

YREKA, Siskiyou Co., Cal.—The Siskiyou County Supervisors have cancelled its contract with Architects Geo. C. Sellon & Co., of Sacramento, to prepare plans for a new county hospital building to cost approximately $200,000 The contract with the Sacramento architects provided for a structure with a 100-bed capacity. It is now proposed to erect a 35-bed structure.

REDWOOD CITY, San Mateo Co., Cal. Until May 14, 1923, 10 a. m., bids will be rec. by Eliz. M. Kneese, county clerk, to fur. and install, shades, furnishings and equipment for new county hospital at Beresford. Cert. check 10% payable to County Treasury req. Spec. obtainable from office of Will H. Toepke, architect, 714 New Call Bldg., San Francisco. **See call for bids under proposal section in this issue.**

HOTELS

Plans to be Prepared.
HOTEL Cost, $——
SAN JOSE, Santa Clara Co., Cal. 10 Acre Site of College of Notre Dame in W-Santa Clara St.
Sixteen-story Class A hotel (500 rms).
Owner—E. Tropp and Wm. C. Crittenden, 129 Sutter St., San Francisco.
Architect—Not Given.
Additional information will be given later.

Plans Completed.
HOTEL Cost, $——
LOS BANOS, Merced Co., Cal. Eye St.
Three-story reinforced concrete hotel, 50x80 ft.
Owner—Triglia & Pedrone, Oberon Hotel, Los Banos, Calif.
Architect—Ernest J. Kump Co., Rowell Bldg., Fresno.

Excavating, Concrete Work and Reinforcing Steel—Bids Being Taken.
Plans Being Taken.
HOTEL Cost, $250,000
PETALUMA, Sonoma Co., Cal.
Four-story steel frame reinforced concrete or brick hotel (100 rooms).
Owner—Petaluma Hotel Co.
Manager of Constr. — Frederick Whitton, 251 Kearny St., San Francisco.
Bids will be opened first of next week.

Figures To Be Taken In Two Weeks.
HOTEL Cost, $60,000
SALINAS, Monterey Co., Cal.
Four-story steel and reinforced concrete hotel.
Owner—Cominos Hotel.
Architect—Wyckoff & White, Growers Bank Bldg., San Jose.

LOS ANGELES, Cal.—Architect Carl Boller, 531 Douglas Bldg., is completing plans for a four-story Class C hotel building to be erected at 416 S. Westlake Ave., for P. E. Weeger; to contain 103 rooms, 70 per cent with baths, and lobby. Brick, 4-story, 50x174 ft., tapestry brick facing, steam heating system, terrazzo floors.

HANFORD, Kings Co., Cal.—Application has been made to city trustees for building permits to remodel Artesia Hotel at a cost of $20,000.

REDLANDS, San Bernardino Co., Cal. O. A. Brown Co., Security Bldg., Los Angeles, and local Chamber of Commerce, Redlands, are working out a plan to finance a hotel bldg., costing $250,000, for Redlands. The site has not been selected. It is proposed to erect a 100-room bldg. H. R. Yerxa is pres. of the chamber of commerce, and M. J. Swetland, publicity director.

COMPTON, L. A. Co., Cal.—Archt. S. H. Brown, 528 Union League Bldg., L. A., is completing plans for a 3-story, class C hotel bldg. to be erected at Compton for the Southland Hotel Co. Four stores, lobby, restaurant and 64 rms. with several baths. Brick, 95x95 ft., pressed brick front.

LOS ANGELES, Cal.—Archt. H. W. Charlton, 333 San Fernando Bldg., has completed plans and is taking segregated bids for the erection of a 4-story class C hotel bldg., at 1043 W 6th St., for H. A. Stange; 106 rms. ea. with bath, lobby and restaurant. Brick walls 58x143 ft., ruffled brick facing, comp. rfg., ventilating sys., basement, terra cotta trim, terrazza, O. P. and cement fls., steam htg. sys., Caen stone walls and ceiling in lobby. Cost, $135,000.

POWER PLANTS

PORTLAND, Ore. — Northwestern Electric Co. will commence construction shortly on a 66,000-volt high line into Vancouver from Camas, Wash., and will extend its 11,000-volt industrial lines in both east and west industrial districts in Portland, Ore., according to announcement of E. T. Merwin, general mgr. of company. Other imp. included in the program will total $500,000.

BAKER, Ore.—Eastern Oregon Light and Power Co., J. P. Lottridge, mgr., will const. steam plant, 1500-h. p., est. cost $100,000.

PUBLIC BUILDINGS

Plans Complete & Forwarded to Owner.
MEMORIAL Cost, $250,000
HONOLULU, Hawaii, Walkiki Beach.
Reinforced concrete & terra cotta memorial (plaza coliseum, natatorium and temple of music).
Owner—Territory of Hawaii.
Architect—Lewis P. Hobart, Crocker Bldg., San Francisco.

Plans Being Figured—Bids Close May 29, 1923, 10 a. m.
CITY HALL Cost, $600,000
STOCKTON, San Joaquin Co., Cal., El Dorado, Center, Fremont and Lindsey Streets.
Class A City Hall.
Owner—City of Stockton.
Architect—J. Pearce, of David-Heller-Pearce Co., Jos. Losekann and Pete Sala, as a firm, Delta Bldg., Stockton.
Bids are being taken as follows:
All work complete.
General contract.
Heating.
Plumbing.
Electrical wiring.
Complete mechanical equipment.
Jail equipment.
Deposit of $100 required on general contract, plans and specifications, and $50 on other sub-contracts.
A complete set of plans and specifications will be on file in the office of the Larsen Construction Reports, 560 Mission Street on and after April 27th.

FULLERTON, Orange Co., Cal.—Architect W. Horace Austin, First National Ban. Bldg., Long Beach, and John C. Austin, 1125 Detwiler Bldg., assoc. architect, has been commissioned to prepare new plans and spec. for a city hall bldg., which trustees of that city have decided to build. A fund of $81,000 for this purpose is on hand. Plans were prepared about a year ago but the funds for the design as then contemplated were not available. In the present design, a number of ornamental features, including the dome, will be eliminated.

BERKELEY, Alameda Co., Calif. — State legislature passes bill providing $180,000 to finance construction of new building at Home and School for the Blind at Berkeley. The appropriation is $90,000 more than allowed for by the governor and does not include the recent increase which was granted by the assembly for salaries.

UP IN the mountains.
NOT 1000 miles from Sacramento.
LIVES AN old couple.
WHO ARE raising a grandson.
WHOSE MOTHER is dead.
WE WILL call him Willie.
WHO IS now old enough.
TO ATTEND public school.
THEY TAKE the "Bee."
AND THE little local paper.
BUT ON Sundays.
ON THE way from church.
THEY BUY a Sunday paper.
EITHER THE Chronicle or Examiner.
BUT TO keep Willie.
FROM BEING a bad boy.
BECAUSE OF reading such stuff.
AS JIGGS or Andy Gump.
THE "FUNNIES" are burned.
IN THE kitchen stove.
BEFORE WILLIE can read them.
WILLIE HAS a fertile brain.
AND TOLD Clarence Sand Pratt.
OF THE Pratt Building Material Co.
DOUGLAS 300—"easy to remember."
PRODUCERS OF clean, sharp sand.
AT SACRAMENTO and Marysville.
ALSO PRATTCO, Monterey County.
THAT THE school kids.
BROUGHT HIM the "funnies" on Mondays.
IF THEY didn't forget.
AND THAT he kept them.
IN AN old buckeye tree.
DOWN NEAR the creek.
WHEN SANDY (alias Clarence) Pratt.
WENT TO see Willie's "library."
SANDY FOUND dozens of "funnies."
SOME ALMOST a year old.
ALSO A complete set.
OF NICK Detective Carter's works.
A BEAUTIFUL volume entitled.
"LIFE OF Jessie James, Bandit."
EVERYTHING TUCKED away.
SO GRANDMA and the rain.
COULD NOT disturb them.
WILLIE SAID the squirrels.
WATCHED THEM for him.
IN THE day time.
AND THAT a big owl.
WHO HAD a nest.
IN THE tree top.
STOOD WATCH at night.
AND WILLIE told Sandy Pratt.
PRODUCER OF clean, sharp sand.
THAT WHEN he grew up.
AND HAD a little boy.
OF HIS own.
HE WAS going.
TO GIVE him the "funnies."
SO HE could read them.
AND HAVE some fun.
"I THANK you."

Mr. I. C. U. R. A. Swimmer, watchman at Willie's "Library" at Buckeye Tree, somewhere in Northern California, post office, "Prattrock" (near Folsom), where Clarence Sand Pratt, President of the Pratt Building Material Co. of Sacramento, Marysville, San Francisco, Prattco (Monterey Co.), is going to build a $200,000 rock and gravel crushing plant. Sandy Pratt will see that all the children in "Prattrock" are allowed to read the funnies and have some fun, as Willie says.

INGLEWOOD, L. A. Co., Cal.—W. M. Bell, Douglas Bldg., was low bidder at $58,591 for all work compl. for erecting a new city hall bldg. at Inglewood; Train & Williams, 226 Western Mutual Life Bldg., archts. The other bids were Norman F. Barber, $58,750; C. E. Downs $59,000; C. A. Schweissinger, $59,684; J. J. Jones, $59,859; Paul H. Ehlers, $59,740. Bids were taken under advisement.

OREGON CITY, Ore.—Until May 2, 1 P. M., bids will be rec. by C. W. Kelley, City Recorder, to erect 2-story and basement, concrete city hall, 50 by 76 ft., est. cost, $35,000. Plans obtainable from E. E. McClaran, Architect, Exchange Bldg., Portland, Ore.

SALEM, Ore.—Oregon State Board of Control commissions architects to prepare plans as follows:

E. E. McClaran, Lumber Exchange Bldg., Portland, boys' dormitory for feeble minded at Salem, $45,000 available.

J. V. Bennes, Chamber of Commerce Bldg., Portland: Fireproof dormitory school for blind at Salem, $35,000 available.

Orlo R. W. Hossack, Portland: Tuberculosis hospital at Salem, $17,000 available.

Claussen & Claussen, McCleay Bldg., Portland, remodel and furnish kitchen and dining room for feeble minded home at Salem, $12,800 available.

C. L. Goodrich, Portland: Kitchen and dining room for Oregon State soldiers' home at Roseburg, $19,000 available.

RESIDENCES

Plans Being Figured.
RESIDENCE Cost, $10,000
OAKLAND, Alameda Co., Cal.
Two-story and basement frame and stucco residence.
Owner—Fred L. Hodkins.
Architect — Miss Julia Morgan, Merchants' Exchange Bldg., S. F.

Plans Being Figured.
RESIDENCE Cost, $10,000
OAKLAND, Alameda Co., Cal.
Two-story frame residence.
Owner—Withheld.
Architect—Fabre & Hildebrand, 110 Sutter St., San Francisco.

Contract Awarded.
DWELLINGS $3000 to $4000 ea.
SAN FRANCISCO, On Amazon, Geneva, Rolph, Wheeler, Munich, Seville, Madrid Naples and Edinburgh Streets.
22 1 & 2-story and basement frame dwellings.
Owner—Crocker Estate Co., 525 Crocker Bldg., San Francisco.
Contractor — A. M. Samuelson, 290 Rolph St., S. F.

Completing Plans.
RESIDENCE Cost, $20,000
SACRAMENTO, Cal.
Two-story brick veneer 9-room residence and separate garage.
Owner—Harry Hanlon, 3920 J St., Scto.
Architect—Glenn Allen, 37 S Aurora St., Stockton.

Owner Taking Bids.
RESIDENCE Cost, $12,000
LOS GATOS, Santa Clara Co., Cal.
One-story 10-room frame and plaster residence.
Owner—Frank Bell.
Architect—Chas. S. McKenzie, Bank of San Jose Bldg., San Jose.

BEVERLY HILLS, Cal.—Archt Carleton M. Winslow, 1123 Van Nuys Bldg., L. A., has prepared plans for a 2-story and basement residence to be erected at Beverly Hills for J. R. Pinkham. It will contain 16 rooms and 6 baths; frame and plas. constr., 99x75 ft., cem. gun exterior plas., clay tile rfg.

ARCADIA, L. A. Co., Cal.—California Realty Finance Co., 300 Consolidated Realty Bldg., will design and erect 600 houses in a new subdivision to be opened on Huntington Blvd. near Balloon school at Arcadia, for Mrs. Clara Baldwin Stocker and Mrs. Anita Baldwin. The houses will cost about $3500 each.

LOS ANGELES, Cal.—Klapper-Gow Co., 625 Bank of Italy Bldg., has been awarded a contr. on a percentage basis for erecting a 2-story brick residence on Fremont Pl., bet. 8th and 9th Sts., for U. G. Orndorff, 607 Van Nuys Bldg. Myron Hunt, 1107 Hibernian Bldg., is the archt. The contractors desire bids on brick work, plumbing, painting, wiring, plastering, marble & tile work, cast stone, mill work, etc. The house will contain 15 rms. and 3 baths; dimensions, 102x96 ft., brick walls, stone trim. There will also be a tea-house, garage and garden work; cost $75,000.

NEWPORT BEACH, Orange Co., Cal.—Munro, Watts & Co., fiscal agents for a large Los Angeles financial institution, announce that they are ready to finance the construction of houses and bldgs. at Newport Beach, to the extent of $200,000. Details of the work will be taken care of by the Newport Engineering Co., which recently opened offices in the Sharp Bldg. Construction of 50 houses will be started at once. Munro, Watts & Co. have also opened offices in Santa Ana, with George Jarrett, where they will finance the construction of houses. Their Newport address, care of W. A. Irwin.

SCHOOLS

Plans Being Prepared.
SCHOOL Cost—
SANTA ROSA, Sonoma Co., Cal., Fremont school site.
One-story reinf. concrete grammar school with tile roof (16 rooms & auditorium).
Owner—Santa Rosa School District.
Architect—W. H. Weeks, 369 Pine St., San Francisco.

Plans Being Figured—Bids Close May 11, 1923, 7:30 p. m.
SCHOOL Cost—
SAN LUIS OBISPO, San Luis Obispo Co. Cal.
One-story frame and masonry school.
Owner—San Luis Obispo School District (Ruth Merritt, clerk).
Figures are being taken as follows: (1) General contract, (2) heating, (3) tile roof, (4) equipment.

Figures To Be Taken Shortly.
SCHOOL Cost—
SANTA CLARA CO., Cal., near San Jose.
One-story concrete school (6 rooms)
Owner—Hester Grammar School Dist.
Architect—Wyckoff & White, Growers Bank Bldg., San Jose.
Bonds to the amount have been voted. Bids will be taken for a general contract.

Plans Being Figured—Bids Close May 14, 1923, 7:30 p. m.
ADDITION Cost, $25,000
SACRAMENTO, Sacramento Co., Cal. Bret Harte School.
Four-room brick and concrete addition to school.
Owner—City of Sacramento Board of Education.
Architect—Dean & Dean, Library Bldg., Sacramento.
See call for bids under Official Proposals.

JOOST BROTHERS
Builders' Hardware
Tools, Etc.
(Members Builders' Exchange)
1053 MARKET ST.
Phone Market 891 San Francisco

Contract Awarded.
SCHOOL Cost, $70,981
FORT BRAGG, Mendocino Co., Cal.
Twenty-room frame school.
Owner—Fort Bragg School District.
Architect — Norman R. Coulter, 46 Kearny St., S. F.
Contractor—Joe Piasecki, 180 Jessie St. San Francisco.

Low Bidder.
SCHOOL Cost, approx. $95,000
BERKELEY, Alameda Co., Cal. Kittridge St. and Harold Way.
Two-story reinforced concrete school.
Owner—Armstrong School for Private Secretaries.
Architect—Wm. H. Ratcliff Jr., 1st National Bank Bldg., Berkeley.
Low Bidder — Walter Sorensen, 3221 Ellis St., Berkeley.

Contracts Awaarded.
SCHOOL Cost, $——
MILLBRAE, San Mateo Co., Cal.
One-story and basement frame and plaster school (3 rooms and auditorium).
Owner—Millbrae School District.
Architect—Ernest L. Norberg, Balboa Bldg., S. F. and Burlingame.
General Contract awarded to Palo Alto Construction Co., Palo Alto at $25,430.
Plumbing to H. R. Parks, 1115 Baywater, Burlingame, $2900.
Other bidders for the general contract were John Morton at $25,900 and L. Dugaardi, at approximately $28,000. 44402 1st rep. Dec. 5, 1922; 5th, Apr. 9, 1923.

Plant to Be Prepared.
COLLEGE BLDGS. Cost, $——
BELMONT, San Mateo Co., Cal. 40 Acres.
Group of fireproof college buildings.
Owner—College of Notre Dame, San Jose.
Architect—Not Selected.
The college has sold its property on West Santa Clara St. in San Jose to E. Tropp and Wm. C. Crittenden of San Francisco for a 16-story Class A hotel.

Bids to be Asked Shortly.
ALTERATIONS Cost, $——
TULARE, Tulare Co., Cal.
Woodworking department addition and remodel and enlarge gymnasium.
Owner—Tulare Union High School Dist.
Architect—Swartz & Ryland, Rowell Bldg., Fresno.

LOS ANGELES, Cal.—Clark Bros. & Libby, 5117 Holywood Blvd., were low bidders at $51,308 on the general contract for erecting a boys' gymnasium building at L. A. high school site. John C. Austin, 1125 Baker-Detwiller Bldg., architect. Low bidders on other contracts were: W. S. Goodrich on plumbing at $6886.67; Robert P. Tuttle Co. on painting at $2095; J. Hokom on heating at $3533 and Graham Elec. Co. on wiring at $1999.

PASADENA, L. A. Co., Cal.—Anton Johnson, Kingsburg, was awarded the gen. contr. at $185,442 for erecting bldg. C of the new Washington school, Pasadena. Other awards were: W. F. Creller, plumbing; Pasadena Paint & Decorating Co., painting, $6100; Lohman Bros., heating, $14,417. The McNally Co. low bidder for the wiring, withdrew its bid. Allison & Allison, Hibernian Bldg., L. A., archts. Brick constr., auditorium, study hall, classrm. manual training dept.

LOS ANGELES, Cal.—Los Angeles Planing Mill Co., 1812 Industrial St., was awarded the general contract at $316,580, for erecting a new high school at Wilshire Blvd. and Highland Ave. The contract for plumbing was awarded to W. S. Goodrich at $17,400 and painting contract to Leo. H. Hubbert at $5930. Plans were prepared by architectural dept. of the Board of Education, Edgar H. Cline, Architect.

PORTLAND, Ore.—Archts. Houghtaling & Dougan, Elks Temple Bldg., have completed plans for Washington high school; est. cost, $450,000 and bids will be asked shortly by Portland School Directors. Will be 3-story rein. conc. construction, 160 by 180 ft. faced with brick and terra cotta.

YUBA CITY, Sutter Co., Cal.—The following bids were received by the Board of Trustees of the Yuba City Union High School District on April 23rd for the construction of three one and two-story hollow tile and pressed brick school buildings with tile roof. Plans were prepared by Architects Geo. C. Sellon & Company, Mitau Bldg., Sacramento. Bids were taken under advisement until April 25th.

Masonry and Carpenter Work

Holdener Constr. Co., 2310 J St., Sacramento $132,966
Larsen-Siegrist Co., S. F. 137,777
Jas. L. McLaughlin, S. F. 147,421
Mathews' Constr. Co., Sacto. 152,000
Wm. Keating, Sacramento 153,985

Plastering

Thos. Scollan, 2919 T St., Sacramento $24,800

Painting

Conrad Schneider, 1335 39th St., Sacramento $7,964
Edw. Cox, Co. 8,178
Pat Roddy 8,392

Roofing

Johns-Manville Co. $6243
Gladding-McBean Co. 6475
Allyn Burr 6682
Richmond Roofing Co. 8510

Plumbing

Booth & Herboth, 304 3rd St., Marysville $15,800
Luppin & Hawley Co., Sacto. 16,821
Hateley & Hateley, Sacto. 17,000

Heating

Booth & Herboth $30,100
Luppin & Hawley 30,800
Hateley & Hateley 31,000

Electrical Work

George Foss, Sacramento $15,100
Newbery Electric Co. 16,285

Complete Mechanical Equipment

Latourrette-Fical Co., 907 Front St., Sacramento $64,890

SAN DIEGO, Cal. — Archt. John C. Austin, 1125 Detwiler Bldg., L. A., has prepared plans for an academy bldg. to be erected at San Diego for the Academy of Our Lady of Peace. It will be 2-story and basement, in 3 wings, 90 by 122 ft., 55x92 ft. and 88x158 ft., respectively. Reinf. conc. const. up to first floor level, reinf. conc walls above steel columns and girders.

PORTERVILLE, Tulare Co., Cal.—Until May 2, 7:30 p. m., bids will be rec. by Jay G. Brown, clerk, Porterville Union High School District, to (1) erect gymnasium building; (2) plumbing and heating for same. Coates & Traver, architects, Rowell Bldg., Fresno. **See call for bids under official proposal section in this issue.**

PASADENA, Los Angeles Co., Cal.—Architect Leon C. Brockway, 403 Security Bldg., Pasadena, is preparing working drawings for the new Arroyo Seco grammar school to be erected at Grand Ave. and Bellefontaine St., Pasadena. Foundation, L-shape, 109x154 ft., 4 standard classrooms, kindergarten, 2 utility rooms, teachers' room with kitchen, reception room, office, clinic, supply room lavatory. Concrete lower story, frame and plaster above, tile or slate roof, concrete floors, first story, hardwood 2nd story floors, brick and art stone entrance.

PASADENA, Los Angeles Co., Cal.—Until 5 P. M., Thursday, May 10, bids will be received by N. G. Felker, Clerk of the Pasadena Board of Education, Rm. 525, Security Bldg., Pasadena, for erecting portions of blk. A, B, C, D and E of the Opportunity school group. Allison & Allison, Hibernian Bldg., Los Angeles, architects. Brick construction, stucco exteriors, clay tile and composition roofs. Estimated cost, $175,000.

ALHAMBRA, L. A. Co., Cal.—Until 7:30 p. m., May 3, bids will be received by the board of education of the Alhambra City high school district for erecting a new administration & auditorium bldg. at Alhambra high school site; Hunt & Burns, 701 Laughlin Bldg., L. A., archts. Bids will be received on 14 segregated contracts. The bldg. will contain an auditorium to seat 2000 people, 2-story, 95x170 ft., and 2 classroom wings, each 60x120 ft., 2-story; brick construction, plas. exter., cast stone trim, comp. rfg. Est. cost $350,000. Bids will also be received at the same time for the sale of the present bldg.

PIEDMONT, Alameda Co., Cal.—Bids were opened on April 24, by the Board of Trustees of the Piedmont School District, for the construction of a two a three-story reinforced concrete school building from plans prepared by Architect W. H. Weeks, 369 Pine Street San Francisco. Bids were taken under advisement as they ran considerably over the estimate. Following is a complete list of the bids received:

General Contract

Hannah Bros., 142 Sansome St., S. F., (1) $174,900, (Omit arcade) $2500 ded., (2) $166,400, (Folding partitions $6200 add.
Larsen-Siegrist Co., San Francisco, $194,304. $1082 ded., $187,304, $5700 add.
Campbell Construction Co., Sacramento, $195,298, $2000 ded., $187,506, $6500 add.
Peters Constr. Co., S. F., $204,473, $3000 ded., $194,000, $7000 add.
Cobby & Owsley, San Francisco, $204,800, $2400 ded., $198,100, $.....
Chas. Stockholm & Son, S. F., $208,402, $1600 ded., $202,800, $6000 add.

Heating

Scott Co., 381 11th St., Oakland, $14,178, (oil burner) $1480 add.
J. E. O'Mara, S. F., $15,360, $1590 add.
W. K. Nottingham, Oakland, $15,434, $1497 add.
Robert Dalziel, Oakland, $16,341, $1587 add.
L. D. Frazee, Oakland $16,546, $1222 add
W. H. Picard, Oakland, $16,695, $1175 add.
Carl T. Doell, Oakland, $16,707, $1285 add.

Electrical Work

E. M. Coffin, 765 11th St., Oakland, $4245, $.....
Crown Elec. Co., $5767.25, $609 deduct.
Newbery Elec. Co., $5710, $760 deduct.
Butte Elec. Mfg. Co., San Francisco, $6625, $630 deduct.
M. E. Ryan, S. F., $6638, 618 deduct.
Roberts Mfg. Co., S. F., $6675, $1025 deduct.
Berkeley Elec. Co., $6827, $665.28 deduct
Kenyon Elec. Co., Oakland, $7000, $584 deduct.

Plumbing

Carl T. Doell, 467 21st St., Oakland, $9018.
Scott Co., Oakland, $9651.

Cork Carpet

D. N. & E. Walter, 562 Mission St., San Francisco, $2695.35, $370.25 deduct, $2872.70, $394.60 deduct.

Window Shades

D. N. & E. Walter, $1178.55, $86.65 ded.
W. & J. Sloane Co., $1556, $148 deduct.

SEDRO WOOLLEY, Wash.—Until May 5, bids will be rec. by Union High School Dist. No. 4, for 2-story L-shape, 237 ft. by 210 ft., brick school addition; est. cost, $150,000. Will contain 19 classrooms, dmestic cience and domestic science and domestic arts departments; gymnasium, etc. Stephen, Stephen & Brust, Architects, New York Block, Seattle.

RENO, Nevada—Until May 8 5 P. M., bids will be rec. by Theo. W. Clark, Clerk, Reno School District No. 10, Washoe County, to erect gymnasium at Junior High School, for which bonds of $30,000 were recently voted. Separate bids for heating and plumbing. Geo. A. Ferris & Son, architects, 18 Heidtman Bldg., Reno. **See call for bids under official proposal section in this issue.**

A. E. Leitch Fred Clark

CLARK & LEITCH ROOFING CO.

Successors to E. S. Warner

Office and Warehouse:

1110 SECOND ST., SACRAMENTO

Phone Main 726

MODESTO, Stanislaus Co., Cal. — The Board of Trustees of the Modesto Grammar School District, opened bids on April 24th for the construction of two new brick grammar schools and alterations to two schools. Plans were prepared by Architect John J. Donovan, 1916 Broadway, Oakland, associated with Davis-Heller-Pearce Co., of Stockton, and Jas. H. Hoose, of Modesto. The general contract was awarded to Herndon and Finnigan, 1814 17th St., Sacramento. The heating bids were taken under advisement.

General Contract

Herndon & Finnigan, Sacto. $140,000
C. S. Mabrey, Sacramento 140,420
J. F. Shepherd, Stockton 146,790
Davison & Nicolson 147,400
Geo. J. Ulrich, Modesto 148,000
F. H. Betz, Sacramento 149,400
J. L. Webster, Chico 159,159
Hansen & Duchen 158,768

Heating

Hoffman & Rhien, 1014 10th St., Modesto ..... $ 9,975
Stockton Blumbing Supply Co., Stockton 10,268
Scott Co. 10,380

ALHAMBRA, L. A. Co., Cal.—J. S. Metzger & Sons, 559 Mission Rd., were awarded the general contr. at $45,513 on bid No. 2 for Lactile for erecting a new grammar school bldg. at Alhambra; Allison & Allison, 1405 Hibernian Bldg., archts. Other contrs. were awarded as follows: sheet metal work to Reliable Sheet Metal Works at $540; tile roofing to R. G. Blessing at $2889; plastering to J. F. Bolster & Co., at $6365; blackboards to C. F. Weber & Co., at $1248; painting to Alhambra Wall Paper & Paint Co., at $2534; electric work to Winder & Jones, Covina, at $2759; plumbing to Ora King at $4825; hardware to Bennett-Montgomery Hardware Co. at $1290; the contr. for heating was not let, bids being held under advisement. The bldg. will contain 7 rms., and kindergarten; brick construction, plas. exter., clay tile rfg., pine trim, maple fls.

LOS ANGELES, Cal.—Robert E. Millsap, 423 Marsh-Strong Bldg., was low bidder at $75,289 on the general construction for erecting a new building at Menlo Ave. school site; Lester H. Hibbard, Metropolitan Bldg., architect. Low bidders on other contracts were: G. C. Sutton on plumbing at $6266; Graham Elec. Co. on wiring at $3447; Franklin & Boyce on heating at $5000, and Parker-Judge Co. on painting at $2700.

LOS ANGELES, Cal.—Macdonald & Driver, Douglas Bldg., were low bidders at $94,550 on the general contract for erecting a new school building at Le Conte Jr. High School site. Low bidders on other contracts were: E. W. Crowell on plumbing at $5353; Franklin E. Boyce on heating at $9061; Roberts R. Tuttle on painting at $1995 and W. H. Nicholas Elec. Co. on wiring at $4094.

LOS ANGELES, Cal.—Macdonald & Driver, Douglas Bldg., were low bidders at $63,000 on the general contract for erecting a new school building at Florence Ave. school site; Arthur W. Angel, Architect. Low bidders on the other contracts were: E. W. Crowell on plumbing at $4589; J. Hokom on heating at $6620; Graham Elec. Co. on wiring at $3597, and W. E. Talbert Paint Co. on painting at $2240.

FORT BRAGG, Mendocino Co., Cal.—The Board of Trustees of the Fort Bragg School District opened bids on April 17th, for the construction of a twenty-room frame school building from plans prepared by Archt. Norman R. Coulter, 46 Kearny St., San Francisco. Following is a complete list of the bids received:

Joe Plaseckl, 180 Jessie St., S. F. $70,981
Myrl Crane, S. F. 73,988
Dan R. Wagner, S. F. 76,890
L. Halvorsen, Santa Rosa 78,001
West Coast Const. Co., S. F. 102,514

Heating

Myrl R. Crane $7292
Louis Halvorsen 7593
Knittle-Cashel Co. 7713
Windlin-Hurd Co. 7840

Several changes are being contemplated by the Board of Trustees and the two lowest bidders are figuring the same.

REDWOOD CITY, San Mateo Co., Calif.—Bids were received on April 21st, by the Board of Trustees of the Sequoia Union High School District for furnishing linoleum, shades, lockers, electric fixtures and clocks for high school now under construction. Plans obtainable from Coffey and Werner architects, 312 Humboldt Bank Bldg., San Francisco.

Bide were taken under advisement.

Lockers

Edw. Barry Co.	$1812.00
Rucker-Fuller Desk Co.	4907.00
Berger Mfg. Co.	5245.35
Durand Steel Locker Co.	5[illegible]
Fred Medart Co.	5067.85
C. F. Weber Co.	5631.00

Program Clocks

International Time Recording Co., San Francisco	$1177.00
Standard Elec. Time Co.	1375.00
Pacific Elec. Clock Co.	1480.00

Window Shades

C. F. Weber Co.	$1000.00
Stewart Sales Co.	1042.35
D. N. & E Walter Co.	1085.65

Linoleum

D. N. & E. Walter Co.	$9762.30
Bonded Floor Co.	10650.65
Van Fleet-Frear Co.	10720.00
Stewart Sales Co.	11771.00

Electrical fixtures bids postponed.

PORTLAND, Ore — Geo. Schiener, Builders' Exchange, Portland, at $121,741 submits low bid to School Directors to const. Laurelhurst school; Claussen and Clausen, Macleay Bldg., Portland, architects. Wm. F. Bunce, Portland, low for plumbing at $8296; Rushlight and Hastorf, Portland, low for heating at $11,574 with $1741 additional for oil burner; NePage McKenny Co., low for electric work at $4710. Bids taken under advisement.

LOS ANGELES, Cal.—L. A. Geisler & Son, Huntington Park, were low bidders at $67,263 on the general contr. for erecting a new bldg. at Laguna St. school site. E. L. Taylor, archt. Low bidders on the other contrs. were: H. E. Murray on plumbing at $4672; J. Hokom on heating and ventilating at $5312; Robert P. Tuttle Co. on painting at $1450; Graham Elec. Co. on wiring at $4239.

LOS ANGELES, Cal. — Witt & Ike, 5530 Central Ave., were awarded the general contr. at $56,400 for erecting a new bldg. at McKinley junior high school site; Train & Williams, 226 Western Mutual Life Bldg., archts. Other contracts were awarded as follows: Heating to Thos. Haverty Co., at $2680; electric work to Graham Elec. Co. at $2178; and painting to W. E. Talbert Paint Co., at $1490.

LOS ANGELES, Cal.—R. H. Whinery, Grosse Bldg., was awarded the general contr. at $64,210 for erecting a new bldg at Arlington Hts. school site; Richard D. King, 519 Van Nuys Bldg., archt. Contr. was awarded on the original bid of $62,360 with additions of $1850 for remodeling present bldg. Other contracts were awarded as follows: Plumbing to H. E. Murray at $6150; heating to Thos. Haverty Co. at $4129; painting to Leo H. Hubbert at $2274; wiring to Graham Elec. Co. at $2437.

LOS ANGELES, Cal.—R. H. Whinery, Grosse Bldg., was awarded the general contr. at $78,300 for erecting a new bldg. at Marchison St. school site; Hudson & Munsell, Douglas Bldg., archts. The cont. was awarded on the original bid of $81,250 with deductions of $3050 for slab constr., common brick exter., and hollow tile corridor walls. Other contrs. were awarded as follows: Plumbing to Davidson & Cameron at $5665; heating to Munger & Munger at $7232; painting to Parker-Judge Co. at $2395; and wiring to American Elec. Constr. Co. at $4196.

NEWPORT BEACH, Orange Co., Cal.—Schaf & Strauzer, 1310 W 41st Pl., L. A., were awarded a contr. at $51,873 for erecting a new school bldg. at Newport Beach; Theo. C. Kistner, Spurgeon Bldg Santa Ana and San Diego, archt. The contr. was awarded on the original bid of $57,350 with deductions for omitting a portion of the tire rfg. and leaving auditorium unfinished. All bids for heating, plumbing and wiring were rejected.

LOS ANGELES, Cal.—L. A. Geisler, Huntington Park, was awarded the general contr. at $55,975 for erecting a new bldg. at Clifford St. school site. Other contrs were awarded as follows: Painting to Dresher & Heinsbergen, Jr., at $2295; plumbing to G. C. Sutton at $5531; heating to Western Engr. & Constr Co., at $4354; and wiring to W. H. Nicholas Elec. Co., at $2253.

LOS ANGELES, Cal.—Robert E. Millsap, 423 Marsh-Strong Bldg., was awarded the general contr. at $80,490 for erecting a new bldg. at Virvil Junior high school site; Hunt & Burns, 701 Laughlin Bldg., archts. The other contrs. were awarded as follows: Plumbing to G. C. Sutton at $5827; heating to J. Sokom at $9747; painting to Blakely Bros. at $2689 and wiring to W. H. Nicholas Elec. Co. at $360.

LOS ANGELES, Cal.—Reed Bros Construction Co., 206½ S Broadway, were awarded gen. cont at $64,500 for erecting a new bldg. at Wilton Pl. school site. Plans by architectural dept. of bd. of educ. Other contracts were awarded as follows: Plumbing to E. W. Crowell at $2998; heating to Thos. Haverty Co. at $5560; and painting to H. H. mann at $1398.

SANTA ROSA, Sonoma Co., Cal.—Bids were received on April 23rd for furnishings and equipment for the new Lincoln Grammar School Building from plans prepared by Architect W. H. Weeks, 369 Pine street, San Francisco. Contracts were awaided as follow: Blackboards to C F. Weber Co., 985 Market St., San Francisco; window shades to Pederson and Smith, Santa Rosa; cork carpet to Pederson and Smith; stage curtain to Seelye-Salow Co. of Santa Rosa; electrical fixtures, bids taken under advisement.

Slate Blackboards

C. F. Weber Co., S. F.	$2204.00
Rucker-Fuller Desk Co.	2350.00
Stewart School Supply Co	2386.00

Window Shades

Pederson & Smith, Santa Rosa	$780.45
Lisher Furn. Co., Napa	808.80
Seelye-Salow Co., Santa Rosa	888.00
W. & J. Sloane Co., S. F.	910.00

Cork Carpet

Pedersnn & Smith	$1139.60
W. & J Sloane Co.	1161.30
O'Conner Furn. Co.	1183.50
Lisher Furn. Co.	1216.78
Seelye-Sallow Co	1269.00

Electrical Fixtures

H. W. Jacobs, Santa Rosa	$1298.68
Boyd Light Fixture Co.	1500.00
Thos. Day Co.	1775.00
Roberts Mfg. Co.	1850.00

Stage Curtain

Seelye-Salow	$380.00
O'Conner Furn. Co.	445.85
Stewart School Supply Co	492.50
L. Abrott, Oakland	698.50
W. & J. Sloane Co.	800.00

BANKS, STORES & OFFICES

Contract Awarded.
STORE BLDG. Cost. $30,000
SAN FRANCISCO. E Mission St. 235 N 18th Street.
Two-story and mezzanine floor Class C store building, 75x122-6 (cement exterior, reinforced concrete walls and columns.)
Owner—Klopstock Bros.
Architect—Mel I. Schwartz, Nevada Bk. Bldg., San Francisco.
Contractor—John Spargo, Russ Bldg., San Francisco.

Plans Being Figured.
STORE & LOFT BLDG. Cost. $10,000
BERKELEY, Alameda Co., Cal. No. 2027-29 San Pablo Avenue.
Two-story reinforced concrete store and loft building.
Owner—S. B. Hoy, 1906 University Ave Berkeley.
Architect—Geo. Rusl forth, 354 Pine St., San Francisco.

Plans Being Figured. Cost—
STORE & LOFT
SAN FRANCISCO, Kearny St., near Post.
Remodel 6-story class A store and loft bldg. (new store fronts and extensive interior alterations).
Owner—E. Pasquale, 115 Post St., S. F.
Architect—J. E. Krafft & Sons, Phelan Bldg., San Francisco.

Plans Being Figured—Bids Close May 7, 11 a. m.
OFFICE Cost, $—
MARTINEZ, Contra Costa Co., Calif.
One-story frame temporary office.
Owner—County of Contra Costa, J. H. Wells, clerk.
Architect—J. T. Narbett, 906 Macdonald Ave., Richmond.
Cert. check 10% payable to clerk req. with each bid. Plans on file in office of architect and clerk.

Taking Bids For Piles — Bids To Be Called For Shortly For Foundation Work.
OFFICE BLDG. Cost. $1,500,000
SAN FRANCISCO, SE Market & Beale Streets.
Seventeen-story and basement class A brick, steel & concrete office bldg.
Owner—Pacific Gas & Electric Co.
Arhitect — Bakewell & Brown, 251 Kearny St., San Francisco.
Consulting Engineer—C. H. Snyder.
Consulting Mechanical Engineer — Hunter & Hunter.
Bids will be opened within the next few days for approximately 1400 piles.

Plans Being Prepared—Contr. Awarded.
STORE BLDG. Cost, $700,000
SACRAMENTO, Cal., SW 12th & K Sts.
Three-story and basement reinforced concrete department store bldg., 200x160 ft.
Owner—E. Tropp & Wm. C. Crittenden
Lessee—Weinstock-Lubin Co., Sacramento.
Architect—John Powers and John H. Ahnden, 460 Montgomery St., S. F.
Contractor—Cahill Bros., 110 Sutter St., San Francisco.

Contract Awarded.
STORE Cost, $17,500
SOUTH SAN FRANCISCO, San Mateo Co., Cal., East Grand Ave.
One-story and mezzanine floor reinforced concrete store bldg.
Owner—J. J. Jennings, 456 Miller St., South San Francisco.
Architect—E. L. Norberg, Balboa Bldg. San Francisco.
Contractor—R C. Stickle, South San Francisco.

Plans Being Figured.
REMODEL Cost, $14,000
SAN JOSE, Santa Clara Co., Cal., 1st & San Salvador Sts.
One-story brick store bldg. (4 stores) and remodel drug store adjoining.
Owner—Benedict Estate.
Architect—Chas. S. McKenzie, San Jose.
Bids are being taken for a general contract.

Plans Being Prepared.
BUILDING Cost, $45,000
SAN FRANCISCO, N Pine St., 45 W Kearny.
Two-story and basement concrete bldg.
Owner—Louis R. Lurie, 315 Montgomery St., S. F.
Architects—O'Brien Bros., 315 Montgomery St.

Plans Being Prepared.
MARKET Cost, $10,000
SAN FRANCISCO, N Clement St. near 6th Ave.
One-story reinforced concrete market 30x100.
Owner—Wm. Kaye.
Architect—O'Brien Bros., 315 Montgomery St., San Francisco.

Sub-Figures Being Taken.
ALTERATIONS Cost, $60,000
SAN FRANCISCO. SE Grant Ave. and Sutter St.
Install 3 passenger elevators, stairway between 1st and 2nd floors and fire escape and other alterations for department store.
Owner—The White House (Raphael Weill & Co.), Premises.
Constr. Mgr.—Frederick Whitton, 369 Pine St., San Francisco.
Mr. Whitton is now taking figures for ornamental iron work, steel and fire escapes. Later bids will be taken for carpenter, concrete and marble work, glass, plastering, painting, etc. Elevators awarded to Otis Elevator Co.

SEATTLE, Wash.—Archt Henry Bittman, Securities Bldg., preparing plans for alterations to portion of Orpheum Theatre Building, 3rd Ave. and Madison St. Provision will be made for additional stores and interior alterations for offices. Est. cost $100,000.

ASTORIA, Ore.—Bids are being rec. by W. E. McGregor, president First Nat'l. Bank, to erect 1½-story brick and terra cotta bank, 40x95 ft. at SW Cor. 9th and Commercial Sts. Est. cost, $50,000. Martin Schacht, Yeon Bldg., Portland, is the architect.

LOS ANGELES, Cal.—A. C. Blumenthal, Loew State Bldg., has secured a long term lease on property at n.w. cor. of Hollywood Blvd. and Cherokee Ave. and plans the erection of a class A store and office bldg. to cost $250,000. The property is 90x105 ft.

LOS ANGELES, Cal.—A. C. Blumenthal, Loew State Bldg., has secured a 99-year lease on the I. Norton estate property at 609-19 S Broadway and extending through to Hill St., 608-20 S Hill St., and will erect a 12-story class A store and office bldg. on both the Broadway and Hill St. frontage with 3-sto. arcade between. There will be 450 offices in each bldg. The property has a frontage of 120 ft. on Broadway and Hill St. and a depth of 293 ft. The bldg. improvements will cost $4,000,000. S. Tilden Norton, 330 Pac. Finance Bldg., will be the archt.

SANTA CRUZ, Santa Cruz Co., Cal.—Morris Abrams, Santa Cruz, has purchased property, 60 by 150 ft., in Pacific Ave. and will erect a concrete store building early in 1924.

CHICO, Butte Co., Cal.—J. L. Webster, Oroville, awarded contract to erect one-story reinforced concrete (3) stores at Fourth and Wall Sts., for W. R. Guynn. Buildings on the site will be moved.

LOS ANGELES, Cal.—H. P. Hoyt, 902 E 8th St., L. A., and Monadnock Bldg., S. F., will erect a 2-story store and loft bldg. at n.e. cor. of Wilson and Bay Sts. for M. Stulsaft & Co. Dimensions, 130x175 ft., reinf. conc. walls, columns and girders, plas. exter., comp. rfg., plate glass, metal skylights, steel sash, $75,000.

LOS ANGELES, Cal.—L. A. Bldg. & Contr. Co., 312 Marsh-Strong Bldg., has been awarded the cont. for the erection of a 1-story administration bldg. at Industrial St. and Central Ave., for the L. A. Ry. Co. Brick, 1-story, 31x263 ft., comp. rfg., cem. fls., steel sash, gas steam rads., metal skylights, 400 steel lockers, water htr. Plans by the owner.

THEATRES

Segregated Figures to Be Taken In About Ten Days—Steel Contract Awarded.
THEATRE & STORE Cost, —
SAN FRANCISCO S Union St., bet. Buchanan & Webster Sts.
One and 2-story class A & C theatre and store bldg. (1800 seats in theatre) 282x137-6.
Owner—Samuel L. Levin.
Architect—Reid Bros, 105 Montgomery St., San Francisco.
Steel contract awarded to the Golden Gate Iron Works; excavating is being done by the San Francisco Motor Drayage Co.

SACRAMENTO, Cal.— Allied Promoters, backed by Don J. Shields, Fred Bottaro, Ancil Hoffman, Ted Calligori and F. A. Pearl, plan to erect a modern fight auditorium to replace the structure at 215 L street. The structure will have a seating capacity of between 3000 and 4000 persons. The American Legion of Sacramento will probably be affiliated with the backers of the project. No plans have been prepared as yet.

BURBANK, L A. Co., Cal.—M. Spazier, 202 E San Fernando Road, Burbank, is planning to erect a class A theatre bldg., 55x147 ft., on San Fernando Blvd., near Verdugo Ave., for himself. It will cost approx. $200,000 and will be built in Egyptian style with shops on a promenade in front. The auditorium will be 145x93 ft., with seating capacity of 2000. The stage will be 30x75 ft. The actual constr. will start as soon as property owners in the neighborhood agree to put in street and light improvements.

ALHAMBRA, L. A. Co., Cal.—Frank Andres, 1512 W Main St., Alhambra, will erect a theatre bldg. to seat 1200, at s.e. cor. Wilson Ave. and Main St. O. W. Lewis, present lessee and mgr. of the Alhahmbra theatre, has signed a ten-year lease on the new theatre which will be erected in the rear of the 2-story store and office bldg. which Mr. Andres is now building. The theater entrance will be 22x70 ft. large enough to accommodate 500; the audltorium will be 70x170 ft., with standard stage, 35x70 ft., and 60 ft. high, with proscenium opening, 36x26 ft. It will be equipped with an X-ray lighting system controlled by 24 Ward-Leonard dimmers. The ventilating system will be the Typhoon Fan Co's. equipment. C. L. Russell will have charge of the electrical constr. The improvements will cost about $150,000.

LOS ANGELES, Cal. — Milwaukee Bldg. Co., 315 Wright & Callender Bldg. has prepared preliminary plans for the new class A theatre and shop bldg. to be erected at Vermont Ave. and Washington St. for West Coast Theaters, Inc. Reinf. conc. constr., plas. exter., plate glass, marble and tile work, etc. Cost, $1,000,000.

LOS ANGELES, Cal.—The business of the late E. T. Flaherty, structural engineer, will be continued by Mrs. E. T. Flaherty under the name of E. T. Flaherty, engr., G. M. Stone, supt., with offices at 634 I. W. Hellman Bldg. The firm will have charge of the reinf. concrete work for the new Forum theatre bldg. to be erected at s.w. cor. Pico St. and Norton Ave. for the B & H Circuit. Mr. Flaherty was the engr. for this bldg. which will be class A reinf. conc. constr. and will cost $300,000. E. J. Borgmeyer, California Bldg., is the architect and will have charge of the remainder of the work, which will be done by subcontract. The bldg. will be 110x220 ft., auditorium to seat 2000 people, lounging and smoking rms, rest rms., etc.; reinf. conc. constr., reinf. conc. roof trusses and roof slab, terra cotta facing, plate glass, staff and Travertine ornamentation, marble and tile work, metal frames & sash, fire doors, typhoon system of heating and ventilating, complete stage with scene loft and dressing rms. Work will be started at once.

WHARVES & DOCKS

Plans Completed.
THEATRE, ETC. Cost, $100,000
TAFT, Kern Co., Cal. Fourth and North Streets.
Brick and stucco theatre and store building.
Owner—Valley Investment Co. (A. S. Owens, Secty'.), Taft, Calif.
Architect—Orville L. Clarke, Brower Bldg., Bakersfield

ELSINORE, Cal.—So. Cal. Athletic & Country Club has started work on the pier to be built at site of its new country club grounds; pier will be 150x150 ft., and will have pavilion and various bldgs. in addition to providing temporary landing wharf for two 40-ft. pleasure boats. The club has secured 14,000 acres on the banks of the lake on which they propose to build a country club and lodge.

Phone Mission 2607
Res. Phone Mission 5228

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Sheet Metal Work of Every Description

CHAS. SCHULTHEIS, Mgr.

3117-3119 TWENTIETH STREET near Harrison St.

SAN FRANCISCO, CALIF.

MISCELLANEOUS BUILDING CONSTRUCTION

Owner Taking Figures.
DEPOT Cost, $45,000
GLENDALE, L. A. Co., Cal.
One-story reinforced concrete passenger depot.
Owner—Southern Pacific Co.
Architect—MacDonald & Couchot, 234 Pine St., San Francisco.

Figures To Be Taken Shortly.
DEPOT Cost, $25,000
LOS GATOS, Santa Clara Co., Cal.
One-story reinforced concrete passenger depot.
Owner—Southern Pacific Co.
Architect—MacDonald & Couchot, 234 Pine St., San Francisco.

Sketches Prepared.
EXPRESS BLDG. Cost—
PETALUMA, Sonoma Co., Cal., South of Northwestern Pac. Railway depot.
One-story mission style express building 39x125.
Owner — The American Railway Express Co., 85 2nd St., S. F.
Architect—Jas. H. Humphrey, 85 2nd St., San Francisco.

Plans Beign Figured—Bids Close May 1, 1923, 10 a. m.
ADDITION Cost, $25,000
SACRAMENTO, Cal., 7th & S St.
Two-story brick addition to bldg.
Owner—Grace Day Home.
Architect—Dean & Dean, City Library Bldg., 9th & L Sts., Sacramento.

Plans Complete.
CONCESSIONS Cost—
PACIFIC CITY, San Mateo Co., Cal.
Seven concession bldgs. (monkey racer, baseball game, snake hole, duck pond, baby aeroplane, topsy turvey, and acquarium.)
Owner—Pacific City Board of Directors.
Architect & Supt. of Constr.—E. L. Norberg, 409 Occidental, Burlingame.

Plans Being Figured.
BUILDINGS Cost, $500,000
SAN FRANCISCO, Blk bound. by Beach, Jefferson, Jones and Leavenworth.
Several class B reinforced concrete buildings, tanks, etc. for oil distributing plant (warehouse, garage, small office building, pump house, Foam Fire protection system tanks).
Owner—Standard Oil Co.
Architect—Engineering Dept. of owner. The tanks, piping, etc. will be done by the owners. Among the general contractors figuring the work are R. McLeran Co. and the Clinton Construction Co.

SAN FRANCISCO—Until May 3, 2:30 p. m., bids will be rec. by J. H. Zemansky, Registrar of Voters, for fur. under contract no. 442½ certain milled lumber. Quantity and details of materials desired will be furnished on application.

ARCADIA, L. A. Co., Cal.—Major and Stacy Judd, archts. and engrs., 6036 Hollywood Blvd., L. A., have prepared preliminary drawings for a $100,000 store and theatre bldg. to be erected at s.w. cor. First Ave. and Huntington Dr., Arcadia, on a 150x150 ft. site owned by R. G. Cowhan, to be financed by the So. Cal. Realty Finance Co., Chas. E. Page, mgr. One and 2-story, six stores, 700-seat theatre, lodge rms., library and apts. on 2nd fl. Egyptian architecture.

SAN BERNARDINO CO., Cal. — Architects Swasey & McAfee, 405 Hibernian Bldg., is preparing plans for several bldgs. to be erected at Village of Arrowhead, Lake Arrowhead, for the Arrowhead Lake Co. To include bowling alley and pool hall, tea room and store bldg. Stucco and half timber, shingle rf.; $60,000.

VENTURA, Cal.—Seaside Oil Co will start work shortly on refinery at site of gas plant. Cost approx. $50,000.

(Continued on Page 16)

Official Proposals

BIDS WANTED FOR WATER SUPPLY SYSTEM

NOTICE TO CONTRACTORS

OFFICE CONSTRUCTING QUARTERMASTER, Fort Mason, Calif. Sealed proposals will be received here until 11 A. M., May 7, 1923, for installing a water supply system at Camp at Gigling (near Salinas) Calif. Information upon application.

(Porterville Union High School Dist.)

NOTICE TO CONTRACTORS

Pursuant to an order of the Board of Trustees of the Porterville Union High School District, duly passed and entered in its minutes of April 4, 1923, notice is hereby given that said board will receive sealed proposals for the follow work:

1—General bid for erecting a Gymnasium Building.

2—Separate bid for Plumbing and Heating Work.

Plans and specifications are on file with the Clerk of said board at 206 Putnam Avenue, Porterville, California. Copies may be obtained at the offices of Coates and Travers, Architects, 626 Rowell Building, Fresno, California.

All bids must be in the hands of Jay G. Brown, Clerk of the Board of Trustees, at the High School Building, Porterville, California, on or before **7:30 p. m., May 2nd, 1923.**

Bidders may figure either one of the segregations or both of them together.

A certified check or bidders' bond equal to 10% of the amount of the bid submitted, must accompany each proposal.

The Board reserves the right to reject any or all bids submitted.

All bids must be sealed and the name of the bidder and branch of work must be marked on the outside of the envelope.

BOARD OF TRUSTEES, PORTERVILLE UNION HIGH SCHOOL DISTRICT.
Jay G. Brown, Clerk.

NOTICE TO CONTRACTORS

(Shades & Furnishings—San Mateo County Hospital)

Notice is hereby given that sealed estimates will be received by the Board of Supervisors of San Mateo County, California, up to **Monday, the 14th day of May, 1923, at 10 o'clock A. M.,** for the following work, all for the new County Hospital Building, now erected at Beresford in San Mateo county, California, and in accordance with the specifications as submitted by Will H. Toepke, Architect, and as filed with the Clerk of the Board of Supervisors, on April 16, 1923, to which bidders are referred.

The estimates will be received in accordance with the specifications ae filed and will be as follows:

Estimates for Window Shades. Estimates for Hospital Furnishings and Equipment.

All these estimates must be in strict accordance with the requirements as called for in specifications.

All bidders submitting estimates will be required to submit with their proposal a certified check or certificate of deposit on some responsible Bank or Trust Company in the sum of ten (10) per cent of their bid. Said check to be made payable to the County Treasury of the County of San Mateo, and will be held as security that the bidder will enter into a written contract with the Board of Supervisors of the County of San Mateo, if awarded the contract within ten (10) days, from the date of the award. In the event of a breach of the terms under which this check is held, the same said check or certificate of deposit will be cashed and the proceeds thereof placed to the credit of the building fund of said County of San Mateo.

A call for bids published in this section indicates that bids are desired from other than local bidders Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

The successful bidder will further be required to give a bond from a satisfactory surety company in the sum of fifty (50) per cent of his contract price, conditional for the faithful performance of his contract within the time limited, and to further insure the payment of all claims for labor and material furnished on the work.

The successful bidder will also be required to protect the County against liability arising under the Workmen's Compensation Act and against any and every contingency under which the County might be held liable during the progress of the work connected with the contracts on said hospital building.

The contract will provide for the retention of twenty-five per cent of the contract price for thirty-five (35) days after the completion of the work, and the filing of the notice of completion thereof.

Sealed estimates should be filed with the Clerk of the Board of Supervisors.

The said Board of Supervisors of the said County hereby reserves the right to reject any or all bids.

Specifications can be seen at the Architect's office at Room 714, New Call Bldg., 72 New Montgomery Street, San Francisco, California, or at the office of the Clerk of said Board in the court house at Redwood City, Calif.

By order of the Board of Supervisors. Dated April 16, 1923.
ELIZABETH M. KNEESE, Clerk.

BIDS WANTED FOR CONSTRUCTING SUMMER CAMP

NOTICE TO CONTRACTORS

Office Constructing Quartermaster, Fort Mason, Calif. Sealed proposals will be received here until 11 a. m., May 3, 1923, for constructing a summer camp at Gigling (near Salinas, Calif.) Information on application.

BIDS WANTED FOR HOSPITAL ADDITION

NOTICE TO CONTRACTORS

Office Constructing Quartermaster, Fort Mason, Calif. Sealed proposals will be received here until 11 a. m., May 8, 1923, for constructing a Receiving Ward at Letterman General Hospital, Calif. $10.00 deposit required for return of plans.

QUANTITY SURVEYOR
and Valuation Engineer
Buildings and Engineering Works
ARTHUR PRIDDLE
693 Mission Street, at Third St.
San Francisco, Calif.
Telephone Douglas 8-4-9-3

NOTICE TO CONTRACTORS

(Reno Junior High School District)

The Board of Trustees of Reno School District No. Ten, Washoe County, Nevada, will receive, **until 5:00 P. M., May 8, 1923,** at the office of R. M. Price, Room 19, Washoe County Building, Reno, Nevada, sealed bids for the erection and construction of the gymnasium for the Junior High School on the site located west of Lake Street, South of Fourth Street and East of Center Street in the City of Reno, Nevada; also as a separate contract, sealed bids for the heating and plumbing of said gymnasium building. All bidders are referred to George A. Ferris & Son, Architects, Room 18, Heidtman Building, 150 North Virginia Street, Reno, Nevada, for plans, specifications and instructions. A certified check to the amount of five per cent of each bid must accompany same. Said Board of Trustees reserves the right to reject any or all bids.

Dated at Reno, Nevada, April 20, 1923.
BOARD OF TRUSTEES, RENO SCHOOL DISTRICT NO. TEN.
R. M. PRICE, President.
THEO W. CLARK, Clerk.
ALFRED NELSON,
JOHN S. ORR,
J. D. CAMERON.

NOTICE TO BIDDERS

(Refrigerating Equipment)

Sealed proposals, indorsed "Proposals for Refrigerating Equipment, Pearl Harbor, Hawaii, Specification No. 4767," will be received at the bureau of yards and docks, Navy Department, Washington, until 11 o'clock a. m., June 6, and then and there publicly opened, for refrigerating equipment consisting of liquid receiver, brine cooler, motor-driven brine pump, oil and scale traps, piping, and other accessories. Alternative proposals may be submitted based on a self-contained, hermetically sealed refrigerating machine or on a direct expansion system in lieu of the brine circulating system. Drawings and specification No. 4767 may be obtained on application to the bureau, to the commandant naval operating base, Pearl Harbor, T. H., or to the commandant navy yard, Mare Island, Calif. Deposit of a check or postal money order for $10, payable to the chief of the bureau of yards and docks, is required as security for the safe retrun of the drawings and specification. L. E. GREGORY, chief of the bureau.

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NOTICE TO BIDDERS

(Paving—University of California)

Sealed bids will be received at the office of the Comptroller, 220 California Hall, University of California, Berkeley, California, at or before **9 a. m., Friday, May 4, 1923,** for the improvement of Hearst Avenue, from the center line of Oxford Street to the eastern line of Euclid Avenue, in accordance with plans and specifications on file and obtainable at the office of the Comptroller, California Hall, Berkeley. A deposit of $5 will be required for each set of plans and specifications taken out, which deposit will be refunded on return of said plans and specifications accompanied by a regular bid for the work. No bids will be received unless accompanied by a certified check or bond in favor of the undersigned, equal to 10% of the bid to secure an execution of the contract by the successful bidder. The right is reserved to reject any or all bids. The Regents of the University of California.

BIDS WANTED FOR ADDITION TO SCHOOL

NOTICE TO CONTRACTORS

Notice is hereby given that sealed bids will be received by the Board of Education of the Sacramento City School District for the complete erection of an addition to a school building in accordance with plans and specifications on file in the office of the Secretary of the Board of Education of the Sacramento City School District, Room 300, City Hall, Sacramento, California, and also in the office of Dean and Dean, Architects, third floor of City Library Building, 9th and I Streets Sacramento, California.

The said school building is to be erected on the property owned by the School District, north of Franklin Boulevard, between 7th and 9th Avenues, situated in the City of Sacramento, State of California.

On a deposit of $15.00 with the Board of Education, or the Architects, complete sets of plans and specifications may be had by any prospective bidder, and retained for a period of 15 days. The deposit will be returned to the bidder on the return of the plans and specifications in good condition.

Bids must be made on proposals obtained at the office of the Architects, and be signed by the bidder, accompanied by a certified check for at least 10% of the amount of the bid or proposal, certified to by some responsible bank or banker, and made payable to the Secretary of the Board of Education of the Sacramento City School District, said check to be forfeited to and retained by the School District, should the party or parties to whom the contract shall be awarded fail to enter into the contract after the award, or to give bonds as required. Bids must be plainly marked on the exterior "Proposal for additions to Bret Harte School Building."

All bids must be filed with the Secretary of the Board of Education of the Sacramento City School District, Room 300, City Hall, Sacramento, California, not later than **7:30 o'clock p. m., Monday, May 14th, 1923.**

The Board of Education of the Sacramento City School District reserves the right to reject any and all bids.

BOARD OF EDUCATION
SACRAMENTO CITY SCHOOL DIST.
Chas. C. Hughes, Secretary.

NOTICE TO CONTRACTORS

City of Napa—Milliken Canyon Project

Sealed proposals will be received at the office of the City Clerk of Napa, Calif., **until 7:30 o'clock P. M., May 8th, 1923,** for the construction of the Milliken Canyon Pipe Line and Accessories and the furnishing of certain supplies and materials for use in connection therewith.

The work involves:

(a) The excavation and backfilling of approximately 13,600 lineal feet of pipe trench, practically all of which is on the country road.

(b) The furnishing of approximately 25,000 lineal feet of riveted sheet steel pipe. 14 inches and 16 inches in diameter, and laying of approximately 13,600 lineal feet of riveted sheet steel pipe 14-inch diameter.

(c) The furnishing of air valves, gate valves, and float valve.

(d) The furnishing of a cast iron venturi meter and certain cast iron specials.

The work will be subdivided and proposals will be received for separate portions thereof under four schedules as follows:

Schedule No. 3:

Proposals under this schedule together with those under schedule number 5 divide the work embraced in schedule No. 2 into two parts. This schedule i. e. No. 3, covers the furnishing of all the pipe f. o. b. Napa, at a bid price per foot and the hauling, distributing and laying of the same complete at an additional price per foot, the trench to be prepared under a separate contract. Under this schedule the City of Napa reserves the right at its option to accept that portion of the proposal covering the furnishing of the pipe f. o. b. Napa and to reject that portion covering the hauling, laying, etc., but agree not to reject the former and accept the latter in the case of any single proposal unless the bidder shall agree thereto.

A certified check in the amount of $2,000.00 must accompany a bid upon this schedule unless the bidder shall have also submitted a proposal upon schedule No. 2 in which event no additional check will be required.

Schedule No. 5:

Proposals under this schedule cover the excavation and maintenance until the pipe shall have been laid and accepted and thereafter the backfill of the trench between engineer station 49-1-00 and the diversion dam.

A certified check in the amount of $1,000.00 must accompany a bid upon this schedule unless the bidder shall have also submitted a proposal upon schedule No. 2 in which event no additional check will be required.

Schedule No. 6:

Proposals under this schedule cover the supplying of certain air valves, stop gates and balanced float valve. No certified check is required.

Schedule No. 8:

Proposals under this schedule cover the supplying of a cast iron venturi meter and certain cast iron specials as shown in detail upon the drawings.

The right is reserved to reject any or all bids or to accept other than the lowest as may appear to the best interests of the City of Napa.

Dated: April 16th, 1923.

H. H. THOMPSON,
CityClerk.

NOTICE TO BIDDERS

(Oroville-Wyandotte Irrigation Dist.)

Oroville, California, April 12th, 1923.

Sealed bids will be received by the Board of Directors of the Oroville-Wyandotte Irrigation District at the office of the board, Oroville, California, **until 10 o'clock a. m., May 7, 1923,** for furnishing 10,000 barrels of Portland Cement, about 34,000 pounds of steel bars for reinforcement of concrete, one 42 inch Needle Valve and 42 inch Pipe Outlets, one 18 inch standard Valve and 18 inch Pipe Outlet, and 66,000 feet of lumber. Contract will be let to the lowest responsible bidder.

Plans and specifications can be seen at the office of the board, Oroville, California.

J. A. WISNER,
Secretary.
Oroville-Wyandotte Irrigation District.

NOTICE TO CONTRACTORS

(Nevada State Highways)

Sealed proposals will be received by the undersigned on **May 9th, 1923,** for constructing portions of the State Highway System in Humboldt County as follows:

(1) Bids received until, and opened at 1:30 p. m., for grading, construction of culverts and placing gravel surface between Winnemucca and Toll House.

(2) Bids received until, and opened at 2:30 p. m. for grading, construction of culverts and placing gravel surface between Toll House and Paradise Hill.

Plans may be examined and form of proposal, contract and specifications secured at office of undersigned; may also be examined at the County Clerk's office in Winnemucca, the Division Engineer's office in Las Vegas, Elko or Reno, and District office of Bureau of Public Roads, Mills Building, San Francisco, California. Cash deposit of Fifteen Dollars ($15.00) with the undersigned required for copy of plans, which will be refunded on their return in good condition. Bids must be on proposal form of Highway Department, and must be accompanied by a certified check in the amount of 5% of the bid.

Each bidder must accompany his bid with a certificate from a Surety Company, duly authorized to do business in this state, stating that such Surety Company will provide said bidder with a bond in such sum as is required in and in accordance with the provisions of said Specifications, conditioned for the faithful performance of the provisions of the contract and specifications.

Right is reserved to reject any or all bids.

GEO. W. BORDEN,
State Highway Engineer,
Carson City, Nevada.

BUSINESS OPPORTUNITIES

(Continued from Page 14)

SAN FRANCISCO—Further information regarding these opportunities may be had from Foreign and Domestic Trade Bureau, San Francisco Chamber of Commerce, Merchants Exchange Bldg., by referring to index number:

D-540—Cleveland, Ohio. Manufacturers of a new processed wire, possessing resistance to rust, desire contact with concerns now dealing the salmon industry. They feel their wire superior for use in wire nettings in trap operations.

6959—Prince Rupert B. C. Firm wishes to buy from San Francisco manufacturer black and galvanized shackle chain.

6960 — Vancouver, B. C. Plumbing house desires quotations f. o. b. Vancouver on plumbing and heating material from local dealers and manufacturers.

6962 — San Francisco, Calif. British manufacturers of stationers' machines, such as machines for punching, round cornering, envelop cutting, etc., are desirous of appointing an agent in this territory for sale of their goods.

6953—Bogota, Colombia. Gentleman wishes to communicate with exporters of farming machinery and implements. Catalogs and prices desired.

6957—San Francisco, Calif. Gentleman who is establishing an export house in this city with the view of entering the Latin-American market, seeks connections with San Francisco manufacturers of articles suitable for that market.

6946—Nashville, Tenn. Manufacturer desires quotations from local dealers on both Philippine and South American mahogany in four, five, six and eight quarter stock, F. A. S.

6954—Amritsar, India. Import-export house wishes to be put in touch with reliable merchants and importers in this market of woolen carpets and rugs, felt floor mats, cotton and silk embroideries, raw furs, dried fruits, and myrabolams.

6952—Nagoya, Japan. Japanese firm which has been handling domestic lumber desires to import American lumber and is anxious to get in touch with reliable exporters.

6591 — San Francisco, Calif. British firm of manufacturers is desirous of finding a market in this district for the sale of their sanitary ware.

6956—Sydney, Australia. Firm is desirous of obtaining the sole agency in Australia of an American glazed wall and flooring tile manufacturer. They are in a position to do a large business.

D-530 — Springfield, Ohio. Manufacturers of Rapid Fire Blow Torch desires distributor state of California,

Engineering News Section

BRIDGES

SALEM, ORE.—Pacific Bridge Co., Portland, at $170,836 submits low bid to State Highway Comm., to const. bridge over Lewis and Clark river near Astoria on Roosevelt-Coast Highway. Other bids: Monson-Trierweiler Co., Astoria, $177,973; Gilpin Const. Co., Astoria, $188,452; Parker and Banfield, Portland, $184,572. Taken under advisement.

Union Bridge Co., Portland, at $24,546 awarded cont. to const. bridge over McKay Creek near Pendleton on Oregon-Washington highway, Umatilla county.

Wm. D. Hoffman, Amity, Ore., at $28,720 awarded cont. to const. bridge over Dairy Creek near Hillsboro, Tualatin Valley Highway, in Washington county.

Warren Construction Co., Portland, at $3668 awarded cont. to const. bridge over Pilot Butte canal, on Dalles-California highway in Deschutes county.

NEW PORT BEACH, Cal.—City will bond May 10 for $15,000 to const. bridge from north end of Balboa Island to main land.

COLUSA, Colusa Co., Cal.—Until May 8, 2 p. m., bids will be rec. by T. D. Cain, county clerk, to const. rein conc. bridge on Colusa-Sycamore rd. in Dist. 2. Cert. check 10% payable to Chair. of Bd. of Sups. req. with each bid. Plans on file in office of clerk.

KLAMATH FALLS, Ore.—See "Government Work & Supplies," this issue.

SACRAMENTO, Ctl.—Following bids taken under advisement by supervisors for fur. and del. structural steel machinery and steel materials for highway bridge over Steamboat Slough and bridge over Sacramento river, near Paintersville:

The Moore Shipbuilding Co., Balfour Bldg., San Francisco, and the Union Construction Co. of Oakland submitted the lowest bids, which were referred to the Finance Committee.

Moore Shipbuilding Co. (1) steel, $.0799 per lb.; (2) machinery $.249 per lb. ($57,174 for each bridge).

Union Constr. Co. (1) $.0681; (2) $.37. ($57,519 for each bridge).

Bethlehem Eng. Cptn. (1) $.0807; (2) $.2881.

U. S. Steel Products Co. (1) $.077; (2) $.303.

DREDGING, HARBOR WORKS AND EXCAVATIONS

WASHINGTON, D. C.—See "Government Work and Supplies," this issue. Mare Island Dike bids.

LOS ANGELES, Cal.—Until 11 a. m., May 18, bids will be rec. by U. S. Engr., 725 Central Bldg., for dredging Los Angeles harbor entrance, involv: Area 3, 1,270,000 cu. yds. with maximum overdepth allowance of 36,000 cu. yds.; Area No. 4, 810,000 with maximum overdepth allowance of 20,000 cu. yds.; Area No. 5, 820,000 cu. yds. with maximum overdepth allowance of 24,000 cu. yds.; Area No. 6, 200,000 cu. yds. with 20,000 cu. yds. overdepth allowance. There is approx. $500,000 available for this work.

LONG BEACH, Cal.—County Eng. E. J. Rockhold, is formulating plans for the storm protection dist. extending from Cherry Ave. on the east, Anaheim Rd. on the south, the flood control channel on the west, and a point near Los Cerritos on the north.

SANTA CRUZ, Santa Cruz Co., Cal.—County Supervisors, H. E. Miller, clerk, declare inten. to form protection dist. and const. dirt levy or embankment along north bank of Salsipuedes Creek and the Pajaro river to restrain flood waters and install underground pipes and conduits. Construction will probably be ordered at the May 24 meeting of the supervisors. Lloyd Bowman is county surveyor.

ALHAMBRA, Cal.—City will vote bonds shortly for $12,000 for storm protection.

IRRIGATION PROJECTS

GARDEN GROVE, Cal.—The $100,000 drainage bonds of Garden Grove Irr. Dist. have been declared invalid by the appellate court, upon appeal from decision of the superior court. The decision states that an election for the formation of an improvement dist. may be called only upon petition of 50 or more property owners; this provision was not complied with in the present case. The proposed dist. embraces about 2400 acres.

LIGHTING SYSTEMS

LOS ANGELES, Cal.—A. C. Rice, 1963 Santee St., submitted low bid to Bd. Pub. Wks. at $10,351 to const. ornam. light. sys. in 9th St., bet. Palos Verdes St. and Pacific Ave., San Pedro. Other bids were: C. W. Sparks, $10,565; H. H. Walker, $11,225; Osborn Electric Co., $11,291; Paulson Constr. Co., $11,600; Electric Lighting Supply Co., $11,987.

LONG BEACH, Cal.—Butte Elec. Mfg Co., P. E. Bldg., Los Angeles, awarded cont. at $45,548 for const. ornam. light. sys. on Pine Ave. from Ocean Blvd. to 14th St.

BERKELEY, Alameda Co., Cal. — City council, E. M. Hann, clerk, rejects low bid to F. E. Newbery Co., 417 Webster St., Oakland, at $22,213 to install 75 electroliers with globes, lamps and tops, complete with underground cable and conduits in Telegraph Ave., bet. south city limits and Allston Way. New bids will be opened May 11, 10 a. m. 1911 Act & Bond Act 1915. Cert. check 10% payable to city req. C. L. Huggins, city eng.

LONG BEACH, Cal.—Until 9:30 a. m., May 1, bids will be rec. by city council to const. ornam. light. sys. complete in Anaheim St., bet. American Ave. and Daisy Ave. 1911 Act. H. C. Waughop, city clerk.

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NEWPORT BEACH, Cal.—City will bond May 10 for $25,000 to const. ornamental street lighting system on Balboa Island.

NEWPORT BEACH, Cal.—Plans are under way for the development of water, gas and lighting facilities in Corona del Mar, consisting of 2600 lots or 400 acres, recently annexed. The property overlooks the Balboa end of the bay.

LOS ANGELES, Cal.—C. W. Sparks, 433 San Fernando Bldg., awarded contract by Bd. Pub. Wks. at $1637 to const. ornam. light. sys. in Plymouth Blvd., bet. Beverly Blvd. and First St.

PORTERVILLE, Tulare Co., Cal.—City council abandons proposals to install electrolier system extending from Morton St. south to city limits, covering S main and Main Sts., as maintenance cost would cause city an expenditure of $9000 annually. Estimates were submitted by Fred Pease, city eng.

WASHINGTON, D. C.—See "Government Work and Supplies," this issue.

LONG BEACH, Cal.—Butte Electric & Mfg. Co., 445 Pac. Elec. Bldg., Los Angeles, awarded contrs. by council to const. ornam. light. systems in the following sts.: Anaheim St., bet. Temple and Loma Aves., at $17,875; Pine Ave., bet. Ocean Blvd. and 14th St., at $45,548.

MACHINERY & EQUIPMENT

SAN FRANCISCO—See "Government Work and Supplies," this issue.

SEATTLE, Wash. — W. R. Hendrey Co., Seattle, at $13,425 submits low bid to Bd. Pub. Wks. for fur. electric trolley crane for North substation of Skagit River project. Other bids: Pawling and Harnischfeger Co., 15,900; Ederer Engr. Co., $18,500; Manning, Maxwell and Moore, $17,857. Taken under advisement.

SEATTLE, Wash.—See "Government Work and Supplies," this issue.

SAN FRANCISCO—Board of Public Works will sell to the highest bidder, at public auction, May 7, 11 a. m., at its meeting room, 231 City Hall, one 75-ton Heisler geared locomotive, manufacturer's shop No. 1369. Equipment was used on Hetch Hetchy Railroad and is no longer required by the city. General specifications of locomotive may be had on application to Board of Pub. Wks., room 252 City Hall or locomotive may be inspected at Standard, Tuolumne county, on the premises of the Standard Lumber Company. Bids for less than $15,000 will not be considered.

LOS ANGELES, Cal.—Bids submitted to public service comm. for conc. machinery under spec. No. 556 follow:

Edw. R. Bacon Co., 165 E Jefferson St. ,$38,105.

Ransome Concrete Machinery Co. (C. E. La Boyteaux), 438 E 3rd St.—(1) $32,694, (2) $24,896, (3) $26,670, (4) $35,805, (5) $38,816; all f. o. b. Los Angeles.

Smith-Booth-Usher Co., 228 Central Ave., $27,700.80, f. o. b. cars, Los Angeles.

C. A. Bechtold (Lingerwood Mfg. Co.) 514 Central Bldg., $20,625, f. o. b. cars, New York.

Garfield & Co., 1323 Hearst Bldg., San Francisco—(1) $30,316, (2) $31,246, (3) $29,261, (4) $30,191, (5) $27,658, (6) $28,498, (7) $42,180, (8) $43,110, (9) $41,104, (10) $42,024; (11) $39,436, (12) $40,350, (13) $24,500, (14) $23,570, (15) $20,500, (16) $19,570, (17) various prices set forth in bid.

LIVERMORE, Alameda Co., Cal.—Until May 7, 1 p. m., bids will be rec. by Chas. N. Nissen, clerk, Livermore School District, for fur. 12 double or 24 single manual training benches. Cert. check 10% payable to clerk req. with each bid.

SEATTLE, Wash. — King County Commissioners will rec. bids May 14 for purchase of one Case Steam Tractor; same may be inspected on Auburn-Black Diamond rd. D. E. Ferguson is clerk of county board.

YUBA CITY, Sutter Co., Cal.—City will bond for $8000 to finance purchase of motor street cleaning apparatus. Edw. Von Geldern, City Engineer.

SANTA CRUZ, Santa Cruz Co., Cal.—Granite Rock Co., Watsonville, has purchased plant of City Imp. Co., in this city and will construct new bunkers and pits in addition to install elevators and machinery for rock crushing purposes.

RAILROADS

PORTERVILLE, Tulare Co., Cal.—Wymard McQuown, president of Poplar Center of the County Farm Bureau, will interview railroad officials in an effort to have branch line constructed into the Poplar section to handle crops in that vicinity. The proposed line will connect with Porterville.

FIRE EQUIPMENT

NATIONAL CITY, Cal. — City will vote bonds of $15,000 to purchase triple-action pump for fire department.

ALHAMBRA, Cal.—Election will be held to vote bonds of $75,000 to finance purchase of motor fire apparatus.

HAYWARD, Alameda Co., Cal.—City trustees contemplates purchase of motor fire engine truck; est. cost, $12,000.

MISCELLANEOUS SUPPLIES

EUREKA, Humboldt Co., Cal.—Until May 1, 5 p. m., bids will be rec. by A. Walter Kildale, city clerk, for fur. 500 ft. of 2½-in. double jacket fire hose with couplings and 250 ft. of 1½-in. double jacket fire hose with couplings.

ANAHEIM, Cal.—Until 8 p. m., May 3, bids will be rec. by city trustees for 100 35-ft. cedar poles, 7-in. top; 40 ft. poles, 8-in. top; 15 45-ft. poles, 8-in. top; 15 50-ft. poles, 8-in. top; all to be treated with class B butt treatment. Cert. chk. or bond 10%.

SEATTLE, Wash.—Until May 4, 10 a. m., bids will be rec. by W. D. Freeman, city purchasing agent, for fur. 8250-ft. street rlwy. cable, 1 3-16-in. dia. 6-strand, 16-wire, 8½-in., lay, cast crucible steel. Lang Lay.

RESERVOIRS AND DAMS

PASADENA, Cal.—Clarence P. Day, 226 Boston Bldg., Pasadena, awarded contr. by the Alta-Canada Corp., to const. 1,500,000-gal. reservoir at Alta-Canada.

PIPE LINES, WELLS, ETC.

PORTERVILLE, Tulare Co., Cal.—Pacific Pipe & Supply Co., Los Angeles at $76.36 ton; and fittings, $133.06 ton, awarded cont. by city trustees for fur. f. o. b. Porterville: 40 tons 4-in. class B, Bell and Spigot, c. i. pipe in 16-ft. lengths; 6 4x4-in. c. i bell and tees; 2 4x4x4-in. bell end crosses and 6 4-in. plugs, tapped for 2-in. stand. pipe. Amer. C. I. Pipe Co., San Francisco, only other bidder at $83.50 ton; fittings, $10.40 and $13.60 ton.

PORTLAND, Ore.—Until April 30, 10:30 a. m., bids will be rec. by Multnomah County Commissioners, Courthouse, Portland, for fur. (immediate delivery):

800 lin. ft. 6 in. stand. black pipe cut and threaded to 8 and 10 ft. lengths, with couplings.

300 lin. ft. 4¼ in. black well casing, cut and threaded to 8 and 10 ft. lengths with couplings.

300 lin. ft. 4 in. extra heavy black pipe, cut and threaded to 8 and 10 ft. lengths with couplings.

100 lin. ft. 3 in. extra heavy black pipe, cut and threaded to 8 and 10 ft. lengths with couplings.

400 lin. ft. 2 in. extra heavy black pipe, cut and threaded to 8 and 10 ft. lengths with couplings.

300 lin. ft. 1 in. extra heavy black pipe, cut and threaded to 8 and 10 ft. lengths with couplings.

Eight 6-in. steel drive shoes.
Four 4¼-in. steel drive shoes.
Four 4-in. steel drive shoes.
One 3-in. steel drive shoes.
Cert. check 5% payable to County Comm. required.

NAPA, Napa Co., Cal.—Until May 8, 7:30 p. m., bids will be rec. by H. H. Thompson, city clerk, to const. Milliken Canyon Pipe Line, a part of the municipal water project. H. Kempkey, Hobart Bldg., San Francisco, eng. for project. H. A. Harrold, city eng. **See call for bids under official proposal section in this issue.**

BURBANK, Cal.—Until 7:30 p. m., May 8, bids will be rec. by City Clerk F. S. Webster to fur. and lay approx. 9000 ft. of 6-in. and 25000 ft. 4-in. wrought iron standard screw black non-dipped water pipe on Magnolia Ave. Cert. check or bond, 10%.

SANTA CRUZ, Cal.—See "Dredging, Harbor Works and Excavations," this

ORANGE, Cal.—Until 1 p. m., May 1, bids will be rec. by city trustees for the following pipe: 4200 ft. 6-in. class B and 6800 ft. 4-in. class B cast iron water pipe. Spec. on file at office of W. A. White, city clerk. Cert. check or bond, 10 per cent.

PORTLAND, Ore.—Until May 8, 2 p. m., bids will be rec. by S. C. Pier, city purchasing agent, for fur. 8415 tons c. i. pipe. Lists of materials desired will be fur. on application.

SEWAGE DISPOSAL PLANTS

PASADENA, Cal. — Joe Chutuk, 343 Wilcox Bldg., Los Angeles, awarded contr. by city directors at $22,115 to const. Ferguson segment block sewer at the new Tri-City sewer farm near San Gabriel.

PASADENA, Cal.—Concrete Machinery & Supply Co., 2014 Santa Fe Ave., Los Angeles, awarded contr. by city directors at $3849.05 to const. 77 gates at new sewage disposal plant. Water Works Supply Co. bid $6725.

NEWPORT BEACH, Cal.—City will bond, May 10, for $145,000 sewage disposal plant on Balboa Island.

COSTA MESA, Cal.—Western Pipe & Steel Co., 2717 Santa Fe Ave., Los Angeles, submitted low bid to directors of Newport Hts. Irrigation Dist., Costa Mesa, Orange Co., at $107,035.62 for force main distributing system, inc. double dipped and wrapped riveted pipe, inc. laying as follows: 2575 ft. 4-in., 615 ft. 6-in., 2293 ft. 8-in., 27,039 ft. 10-in., 9192 ft. 12-in., 766 feet steel screw pipe including laying as follows: 5820 ft. 2-in., 1220 ft. 4-in., special fittings, gate valves, culverts, reinf. conc. trestle. Other bids were: Lacy Mfg. Co., $107,353.19; Baker Iron Wks., $112,271.75; Schultz Constr. Co., $117,531.30.

Chicago Bridge & Iron Wks. submitted low bid at $17,350 for constructing 734,000 gal. riveted steel standpipe. Other bids were: Lacy Mfg. Co., $19,500; Western Pipe & Steel Co., $23,150.

The work also involved two centrifugal pumps, with belt connected elec. motors, cap. 500 and 800 gals. per min. The cost of the pumps will be approx. $6000. Bids on these not available.

MISCELLANEOUS CONSTRUCTION

ELSINORE, Cal.—Samuel Gunder has been granted a franchise for a gas plant in this city. The plant will be erected on lot recently purchased from the Tehmascal Water Co., on the pipeline running to Corona from the mountains.

MARIPOSA, Mariposa Co., Cal. — Yosemite Cement o., representing capitalists of Middle West, has acquired in San Joaquin territory, 1500 acres additional to Merced holdings, and will spend approx. $1,000,000 in the constr. of a cement plant. The contract to construct has been let to the Hunt Engineering Company of Kansas City, Mo. Contracts for machinery have already been placed. J. E. Monroe, American National Bank Bldg., San Francisco, is interested.

SANTA BARBARA, Cal.—Southern counties Gas Company applies to State R. R. Commission for authority to convert its steam plant for gas manufacture in Santa Barbara to a natural gas distributing plant; est cost $277,000

SAN BERNARDINO, Cal.—Cajon Lime Products Co. has been organized to develop lime deposits near Camp Cajon, 19 mi. north of San Bernardino. The first investment will amount to $200,000. Those interested in the company are: William L. Urschel of Toledo, O., E. Bricker and W. F. Warner, Riverside. Frank Reith, formerly chief chemist of Golden State Portland Cement Co., at Oro Grande, will be supt. of the new plant.

WATER WORKS

EVERETT, Wash.—Western Pipe & Steel Co., Seattle, at $51,962 awarded cont. by council to fur. water mains.

NAPA, Napa Co., Cal. — See "Pipe Lines, Wells, Etc.," this issue.

PORTLAND, Ore.—Until May 9, 2 p. m., bids will be rec. by S. C. Pier, city purchasing agent, for fur. approx. 4000 water meters for water works bureau.

ALHAMBRA, Cal.—Election will be called to vote bonds of $250,000 for extensions and betterments to water works system.

PORTLAND, Ore.—Until May 7, 2 p. m., bids will be rec. by S. C. Pier, city purchasing agent, for fur. 200 fire hydrants for Water Works Bureau.

YUBA CITY, Sutter Co., Cal.—City will bond for $32,000 to extend water system. Edw. Von Geldern, city eng.

PORTLAND, Ore.—Until May 8, 2 p. m., bids will be rec. by S. C. Piper, city purchasing agent, for fur. approx. 409,000 lbs. special castings for water

TURLOCK, Stanislaus Co., Cal. — Sterling Pump Works, Stockton, at $1500 awarded cont. by city trustees to fur. and install pump for water works.

NEWPORT BEACH, Cal.—City will bond, May 10, for $13,000 for water system extensions on Balboa Island.

COSTA MESA, Cal.—See "Pipe Lines, Wells, etc.", this issue.

EL CAJON, Cal.—W. D. Hall and C. Harritt of the Cuyamaca Water Co., have submitted to city council estimates on work involved to increase the efficiency of the city's water system. A 500,000 gal. reservoir (a 50,000 gal. tank to be used temporarily) is included in the program, which also involves 5000 ft. 8-in., and 6-in. steel pipe. Details of the proposed extensions will be carried on by a committee consisting of W. E. Lyon, chairman of the city council's water committee, Col. Ed. Fletcher, W. D. Hall of the Cuyamaca Water Co., and C. Harritt, engr. who prepared the estimates.

PORTLAND, Ore.—Until May 7, 3 p. m., bids will be rec. by S. C. Pier, city purchasing agent, for fur approx. 500 gate valves for water works bureau.

NEWPORT BEACH, Cal—See "Lighting Systems," this issue.

PLAYGROUNDS & PARKS

TURLOCK, Stanislaus Co., Cal.—City trustees will call election to vote bonds of $20,000 to finance const. of muny swimming pool.

SALINAS, Monterey Co., Cal.—Chas. Hoosier, Salinas, at $849.50, awarded cont. to const. tennis court in Central Park. W. A. Dontanville bid $980.

SEWERS AND STREET WORK

PASADENA, Cal.—City Directors declare inten. to imp. under 1911 Act.:

Dearborn St., bet. Summit and Marengo Aves.: grade and pave with 2-in. oil macad.; const. curb, gutter, walk.

Peoria St., bet. Raymond and Summit Aves.: grade and pave with 2-in. oiled macad.; const. gutter, curb, and walk; No. 4427.

W. C. Earle, city engr. Bessie Chamberlain, city clerk.

TUCSON, Ariz.—City Engr. G. H. Atchley estimates cost of grading sts. in s.w. section of town at $75,000. A bond issue may be necessary, as the council considers cost too high for present city finances.

OAKLAND, Cal.—City council, E. K. Sturgis, clerk, declares inten. to imp. Florida St., bet. Maple and Laurel Aves: grade; pave with oil macadam; const. conc. curbs and gutters; cem. walks. 1911 Act. Protests May 10. W. W. Harmon, city eng.

VENICE, Cal.—Council declares intention to const. 10-in. vit. pipe san. sewer in Lincoln Blvd., bet. Nowita Pl. and Rialto Ave., and portions of other sts.; work includes 8-in. and 6-in. vit. pipe main sewers in portions of Penmar Ave. and other sts.; 78 6-in. hse. sewers, manholes, junction chambers, etc.; 1911 Act. J. B. Griffin, city engr. T. H. Hanna, city clerk.

ORANGE, Cal. — The $13,000 storm drain bond issue carried. Drain will extend on Cambridge St., from Walnut Ave., to Santiago Creek. C. C. Bonebrake, city engr.

SAN FRANCISCO — Following bids rec. by C. H. Sweetser, Dist. Eng., U. S. Bureau of Pub. Rds., 881 Mills Bldg., to const. Currant Creek Forest Rd., in Nevada Natl. Forest, Nye and White Pine Counties, Nevada State, 13.6 mi. in length, involv. 718 sta. clearing and grubbing; 76,000 cu. yds unclass. excav; 220 cu. yds. cement rubble masonry; 4100 lin. ft. corru. metal pipe; 10.1 M. B. M. trestle bridge; 3200 cu. yds. surfacing. Project ends at about 36 mi. s.w. of Ely, Nevada: (1) contractor furnishes explosives; (2) Gov't. furnishes explosives:

Miller and Palm, Salt Lake City, Utah, (1) $101,197.84; (2) $98,913.74.

Nevada Contracting Co., Ogden, Utah., (1) $79,034.16; (2) $....

Reese and Cook, Ogden, Utah, (1) $71,988.88; (2) $71,227.68.

C. R. Hill, Reno, Nevada, (1) $83,069.10; (2) $82,087.80.

W. S. Griscom & Co., (1) $117,732.70; (2) $113,926.70.

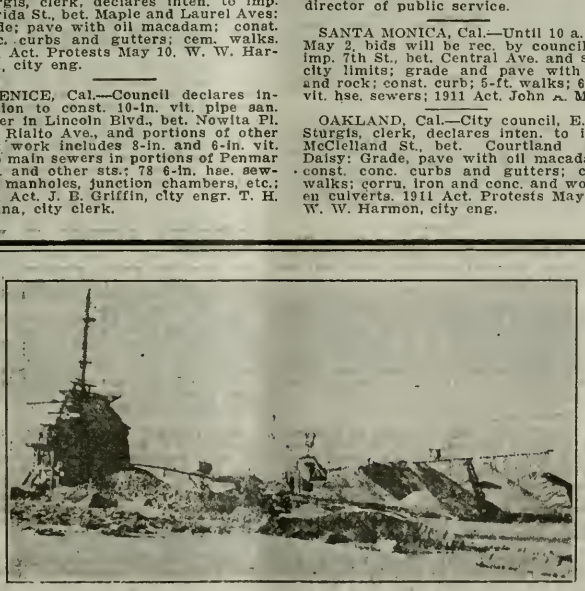
Engineer's estimate, (1) $74,443.30; (2) $73,682.10.

SAN DIEGO, Cal.—G. R. Daley, 4430 Boundary St., awarded cont. by trustees to imp. Iowa St., bet. Polk and El Cajon Aves., involv. 60,729.8 sq. ft. 1½-in. asph. conc. paving on 2½-in. bitum. base at 17.3c ft.; 46 ft. conc. curb at 65c ft.

LONG BEACH, Cal.—Until 9:30 a. m. May 1, bids will be rec. by council to const. 14-in. cem. conc. drainage sewer in Bennett Ave., across blk. 1, Belmont Hts., and in portions of Ximeno Ave., and certain alleys; work involves 4 catchbasins; 1911 Act. A. L. Ferver, director of public service.

SANTA MONICA, Cal.—Until 10 a. m., May 2, bids will be rec. by council to imp. 7th St., bet. Central Ave. and s. e. city limits; grade and pave with oil and rock; const. curb; 5-ft. walks; 6-in. vit. hse. sewers; 1911 Act. John A. Morrison.

OAKLAND, Cal.—City council, E. K. Sturgis, clerk, declares inten. to imp. McClelland St., bet. Courtland and Daisy: Grade, pave with oil macadam; const. conc. curbs and gutters; cem. walks; corru. iron and conc. and wooden culverts. 1911 Act. Protests May 10. W. W. Harmon, city eng.



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SAN BERNARDINO, Cal.—H. H. Lienau, 426 Brookside Ave., Redlands, awarded contr. by council at 15c sq. ft. to pave 5th St., bet. A St. and Arrowhead Ave., with 4-in. cem. conc. pavement, incl. grading.

LOS ANGELES, Cal.—Griffith Co., L. A. Ry. Bldg. Los Angeles, awarded contract by Bd. Pub. Wks. at $21,657 to imp 48th St. bet. alley west from St. Andrews Pl. and first alley west from Van Ness Ave., involv. grading $2500 (lump sum); 78,753 sq. ft. conc. paving 23.5c ft.; 2800 sq. ft. finish grading, oiling and rolling 8c ft.; 303 ft. curb 75c ft.; 445 sq. ft walk 24c ft. Other bids were: Croatian-American Inv. Co., $22,703.15; T. E. Shafer, $22,972.88; Joe Mullarkey, $23,526.68; W. D. McCray, $23,887.40.

SAN JOSE, Santa Clara Co., Cal.—City council, J. J. Lynch, clerk, declares inten. to imp. following streets:

Atlanta St. from pt. 632.5 ft. w from sewer in Delmas Ave. to sewer manhole in Bird Ave., by const. 6 and 8-in. vit. sewers with laterals; 2 br. manholes.

7th St., bet. Santa Clara and Empire Sts.: grade; pave with 3-in. bit. conc. base with 1½-in. Warrenite-Bit. surface; 2 br. catchbasins; 8-in. vit. pipe drains; hyd. conc walks

San Salvador St. bet 10th and 16th Sts: grade; pave with 3-in. Bitulithic cem. bit. conc. base with 1½-in. Warrenite-Bit. surface; conc. curbs and gutters; 1 br. catchbasin; 8-in. vit. pipe drains.

All under 1911 Act. Wm. Popp, city engineer.

PHOENIX, Ariz.—Until 2 p. m., May 17, bids will be rec. by dist. eng., U. S. Bureau of Public Rds., 242 W Washington St., Phoenix, for const. the Glenwood-Reserve, sec. 4, Forest Highway, located in Datil national forest, Catron Co., N. M., involv. clearing and grubbing 193,490 cu. yds. excav., unclass.; 11.09 mi. finishing graded rd.; 320 cu. yds. A conc.; 1020 cu. yds. D conc.; 52,150 lbs. reinf. steel; 104 cu. yds. cem. rubble masonry; 6230 ft. corru. metal pipe culverts; 2155 cu. yds. hand placed embank; 22,000 lin. ft. protection ditch; 170 cu. yds. diversion dam; 205 lin. ft. conc. handrail. Plans obtainable from engr's office. Bids must be accompanied by proposal guaranty of 5%. E. S. Wheeler, engr.

MADERA, Madera Co., Cal.—Thompson Bros., G and Divisadero Sts., Fresno at $38,378.53 awarded cont. by city trustees to imp. West Yosemite Ave., involv. 114,644 sq. ft. grading; 107,899 sq. ft. 2½-in. bituminous base with 1½-in. Bithulithic surface; 5072 sq. ft. conc gutter; 2003.5 lin. ft. conc. curb; 634 lin. ft. culvert; 80 lin. ft. cull circle 8-in. corru. pipe; 2 manholes. Other bids were: Federal Const. Co., San Francisco, $39,492.27; Calif. Rd. and St. Imp. Co., $39,950.36; Calif. Const. Co., Fresno and San Francisco, $42,640.64.

Thompson Bros., at $35,437.34 awarded cont. to imp. portions of 6th and B Sts.: involv. 107,136 sq. ft. grading; 99,391 sq. ft. 1½-in. Bithulithic surface on 3½-in. bituminous base pavement; 6766 sq. ft. 6-in. thick conc. gutter; 899 lin. ft. conc. curb; 600 lin. ft. corru. iron arch 27-in. culvert set on conc.; 42 lin. ft. full circle 8-in. corru. pipe; 2 catchbasins; 2 drain gates; 2 headwalls for drain pipe. Other bids: Calif. Rd. & St. Imp. Co., $37,030.38; Federal Const. Co., $36,247.67; Calif. Const. Co., $39,708.69.

SAN FRANCISCO—City Eng. M. M. O'Shaughnessy completes spec. to imp following sts:

47th Ave., bet. Geary and Balboa Sts., est. cost $21,000, involv. 2449 lin. ft. conc. curb; 1321 sq. ft. art. stone walks; reset 4 br. catchbasins and const. 4 new br. catchbasins; 145 lin. ft. 10-in. ironstone pipe culvert; 4200 sq. ft. vertical fiber brick pavement; 21,200 sq. ft. conc. pavement; 28,886 sq. ft. asph. conc. pavement.

Kansas St., bet. 18th and Mariposa Sts., est. cost, $7425, involv. 800 lin. ft. conc. curb; 16,000 sq. ft. conc. pavement; 380 lin. ft. 8-in. ironstone pipe sewer; 32 8-in. wye branches and 3 br. manholes.

Boyce St., from St. Rose's Ave. northerly 225 ft., est. cost $3600, involv. 300 lin. ft. granite curb; 3150 sq. ft. vertical fiber brick pavement and 3600 sq. ft. asph. conc. pavement.

SANTA BARBARA, Cal.—Charles T. Richardson, Santa Barbara, awarded cont. by council to imp. Oramas Rd., bet. California St. and La Calle, at 23c sy. ft. 4-in. asph. macad paving; $1.35 lin ft. comb. curb and 3-ft. gutter; $305 main sewer complete; $76 main sewer complete in California St. and La Calle; $80 for catch basin complete.

WASHINGTON, D. C.— See "Government Work and Supplies," this issue. San Diego Conc. roads.

BERKELEY, Alameda Co., Cal.—Until May 11, 10 a. m., bids will be rec. by E. M. Hann, city clerk, to imp. Cedar St., bet. 3rd and 1st; grade and const. 2 catchbasins. 1911 Act. Cert. check 10% payable to city req. C. L. Huggins, city engineer.

BERKELEY, Alameda Co., Cal. — Until May 4, 9 a. m., bids will be rec. by Regents of the University of California to imp. Hearst Ave., bet. Oxford St. and Euclid Ave. Cert. check 10% req. with each bid. Deposit of $5 req. for spec, returnable. **See call for bids under official proposal section in this issue.**

SALINAS, Monterey Co., Cal.—City Eng Howard Cozzens instructed to prepare plans to pave and const. conc. curbs and gutters in Maple St., from S-Main to Abbott, Chestnut from Main to Pajaro, West from Alisal to Clay and California from Harvest to Maple. Pavement will be 3-in. asph. conc. with 1½-in. Warrenite surface.

LOS ANGELES, Cal.—Until 10 a. m., May 7., Bids will be rec. by Bd. Pub. Wks. to imp. alley east of San Fernando Rd., bet. Maceo and Poplar Sts., involving 12,413 sq. ft. 5-in. cem. conc.; 3943 sq. ft. gutter.

BURLINGAME, San Mateo Co., Cal. —Until May 7, 5 p. m., bids will be rec. by J. R. Murphy, city clerk, for sewer imp. in Easton Additions sub-divisions, involv. 23 manholes; 19 lampholes; 3850 lin. ft. 6-in. ironstone pipe sewer; 125 4x6-in. sewer wyes; est. cost $5245. C. A. Torello, city eng.

FRESNO, Fresno Co., Cal.—City Eng. Wm. Stranahan completes spec. to imp. Abby St., bet. Divisadero St. and Belmont Ave., involv. 95,379 sq. ft. grading; 85,881 sq. ft. asph. paving; 9167 sq. ft. conc. gutters; 4953 lin. ft conc curbs; 442 sq. ft. walk; 4 manholes; 242 ft. 12-in. corru. iron culverts; protests heard May 3.

SAN DIEGO, Cal.—City Eng. F. A. Rhodes, estimates the work inviov. in 25th St. improvement, between Broadway and N Sts., and a part of Crosby St., as comprising 271,991 sq. ft. paving; 5493 ft. curb; 2172 sq. ft. walk; four culverts and resurfacing sidewalks already laid.

HAYWARD, Alameda Co., Cal.—City trustees, M. B. Templeton, clerk, declare inten. to imp. B St., bet. Alice and S. P. reservation, includ. intersections of Alice, Myrtle, Filbert, Walnut and Front Sts.: grade; pave with 3½-in. asph. conc. base with 2-in. asphalt surface; r.w. header boards; conc. curbs gutters, valley gutters; c. l. catchbasins and corru. iron culverts. 1911 Act and Bond Act 1915. Protests May 3. Jesse B. Holly, town eng.

LOS ANGELES, Cal.—Supervisors declare inten. to improve Vine Vale Ave., bet. Baker and Florence Aves., and portions of other streets, approx. 4610 lin. ft. or .873 mi., under County Imp. No. 15, involving 6196 cu. yds. excav.; 9040 ft. conc. curb; 36,164 sq. ft. conc. walk; 154,442 sq. ft. oiling and screening roadway. Est. contr price $20,798.85. Protests to be heard May 7.

SAN DIEGO, Cal.—Until 10:30 a. m., May 7, bids will be rec. by council to imp. Goldfinch, Bush and Ibis Sts., involv. 152,432 sq. ft. 1½-in. asph. conc. wearing surface on 2½-in. bitum. base; 608.3 sq. ft. cem. walk; 133 ft. curb; one 4-in. cem. sewer lateral, 35 ft. long; one 4-in. cem. sewer lateral, 30 ft. long; one 6-in. cem. sewer lateral, 30 ft. long. F. A. Rhodes, city engr. A. H. Wright, city clerk.

SAN DIEGO, Cal.—G. R. Daley, 4430 Boundary St., San Diego, awarded contract by council at $30,822 to imp. 18th bet. Broadway and Imperial Ave., involv. 169,769 sq. ft. 1½-in. conc. paving on 2½-in. Bitum. base, and other incidental items.

PASADENA, Cal—City directors have started proceedings to const. sewers in the n.w. part of the city. W. C. Earle city engr., estimates 86,000 lin. ft. or 16.3 mi. of sewer pipe, ranging in size from 8 to 16 inches, will be laid and 3322 "Y" branches, 299 manholes and 70 flush tanks will be required. Est. cost, $112,000. In order to safeguard the water supply, 1218 ft. of the sewer pipe passing over water tunnels near Devil's Gate dam, will be laid in concrete. The Linda Vista sewer system will call for the laying of 21,947 lin. ft. or 4.7 mi. of pipe. It will cost approx. $56,000, with pipe, ranging from 8 to 20 inches in diameter. The Linda Vista system is to be of sufficient size to accommodate the Flintridge district if annexed to the city. The estimates on cost of Brookside outfall have not been completed.

MAYFIELD, Santa Clara Co., Cal.—W. J. Tobin, 527 Sant aRay Ave., Oakland, at $39,433.14 awarded cont. by city trustees for extensions to sewer system. Other bids: Michael Murphy, $40,622.80; Shattuck Const. Co., $44,167.

RED BLUFF, Tehama Co., Cal.—Supervisors plan to const. detour road around Battle Mountain grade; est. cost, $2,000. C. A. Luning, county surv.

NATIONAL CITY, Cal.—City trustees order imp. of National Ave., bet. First and Sixth Sts., by paving with concr. C. B. Ireland, City Engr.

STOCKTON, San Joaquin Co, Cal.—City Council, A. L. Banks, clerk, declares inten. to imp. Harrison St., bet. Washington and Main: Grade; const. comb. conc. curbs and gutters; conc. walks; pave with 2½-in. cementing gravel base with 3-in. asph. conc. base and 2-in. asph. conc. wearing surface; 1911 Act and Bond Act 1915. Protests May 15. W. B. Hogan, City Eng.

REDWOOD CITY, San Mateo Co., Cal. —No bids rec. by city trustees April 23 to imp. portions of Oak Knoll, drive, Brewster, Opal, Hillview Aves., etc., involv. 413,747 sq. ft. oil macadam pavement, corru. iron culverts, etc. Another call for bids will be issued shortly. C. L. Dimmitt, city eng.

OAKLAND, Cal.—County Surv. Geo. A. Posey preparing spec. for roads at county hospital grounds. Bids will be asked shortly.

SAN PABLO, Contra Costa Co., Cal. San Pablo Sanitary Dist., R. V. March, secretry, declares inten. to const. 6-in. vit. sewer in portions of Gertrude, Alamo, Duboce, Sanford and Willard Aves., etc. incl. const. of br. and cem. conc. manholes, etc. 1911 Act. Protests May 10.

OAKLAND, Cal.—Council, E. K. Sturgis, clerk, declares inten. to imp. Peralta Ave. s.w. from its n.e. termination grade; oil macadam pavement; conc. curbs and gutters; cem. walks; 8-in. vit. sewer; vit. pipe lampholes, wye branches and conduits; br. manholes and storm water inlets. 1911 Act. Protests May 17. W. W. Harmon, city eng.

CORONADO, Cal.—Until 3:30 p. m., May 7, bids will be rec. by city trustees for 2 carloads asph. road oil containing 80% asph. f. o. b. cars on spur track at the material yard. Cert. check 10%. W. Tilden Clark, city clerk.

SANTA BARBARA, Cal.—C. T. Richardson, 525 E Haley St., Santa Barbara, awarded cont. by council at $5786 to pave Oramas Rd., bet. Arguello Rd. and La Calle. A. B. Cook bid $6041.40.

SAN DIEGO, Cal.—Council declares inten. to pave Julian Ave. and Marcy St., involv. 215,171.4 sq. ft. paving with 1½-in. asph. conc. wearing surface on 2½-in. bitum. base; 19.7 ft. conc. curb and 105.7 sq. ft. conc. sidewalk; 1911 Act.

UKIAH, Mendocino Co., Cal.—Until May 15, 10 a. m., bids will be rec. by W. H. Prather, county clerk, to const. Secs. 1 and 4 of Potter Valley Rd., involv. 4500 cu. yds. unclass. excav.; 55 yds. rein. conc. (culverts); 5 cu. yds. rein. conc. (culverts headwalls); 138 lin ft. 12-in., 54 lin. ft. 18-in. corru. iron pipe culverts; 1436 cu. yds. crushed rock or gravel. Cert. check 10% req. Spec. on file in office of clerk.

SANTA BARBARA, Cal.—City Engr. Geo. D. Morrison preparing spec. for extensive sewer construction in La Mesa district.

SANTA BARBARA, Cal.—C. T. Richardson, 525 E. Haley St., Santa Barbara, awarded contr. by council at approx. $15,000 to imp. 4th St.., bet. Bath St. and Mission Creek. Other bids were: A. B. Cook, $16,149.96; J. T. Cornwall, $16,436.81. The work invilv. grading and paving with 1½-in. asph. concr. on 6-in. concr. base; const. com. concr. curb and 6-ft. gutters; concr. driveways; concr. gutters; cross gutters; vit. pipe hse. sewers; reinf. conc. culverts.

SOUTH PASADENA, Cal.—Until 5 p. m., May 14, bids will be rec. by city trustees to imp. Oak Hill Ave., incl. 1540 cu. yds. excav.; 18,000 sq. ft. 2-in. rock and oil paving; 2500 sq. ft. cem. gutter; 950 lin. ft. curb; 1911 Act. Nettie A. Hewitt, city clerk.

BRAWLEY, Cal.—Commercial Club has started movement to secure paving for the link bet. Brawley and Holtville, 21 miles. Of this 13 miles is to be paved, and 8 miles to be dirt road.

SAN JOSE, Santa Clara Co., Cal.—Until May 7, 8 p. m., bids will be rec. by J. J. Lynch, city clerk, to imp:

5th St., bet. Reed and Virginia; grade, pave with 1½-in. Durite asph. conc. surface on 3-in. Durite asph. conc. base; cem. conc. curbs, gutters and walks; 6 br. catchbasins with 8-in. vit. pipe drains.

Humboldt St., bet. 1st and Mastic Sts.; grade; pave with 1½-in. Warrenite-Bit. surface on 3-in. bit. conc. base; const. 2 br. catchbasins; 8-in. vit. pipe drains; hyd. cem. conc. walks, driveways, curbs and gutters.

Sherman St., bet. Willow and Humboldt: grade; pave with 1½-in. Warrenite-Bit. surface on 3-in. Bitulithic cem. bit. conc. base; conc. curbs and gutters; 1 br. catchbasin; 8-in. vit. ippe drain; also Goodyear St., at Sherman St.; grading and paving with Warrenite-Bitulithic pavement of various thicknesses.

10th St., bet. n line Reed St. and s line Reed St.: grade; pave with 1½-in. Durite asph. conc. surface on 3-in. Durite asph. conc. base; 1 br. catchbasin; 8-in. vit. pipe drain.

16th St., bet. Empire and Jackson Sts.: grade; pave with 1½-in. Durite asph. conc. surface on 3-in. Durite asph conc. base; cem. conc. gutters; 1 br. catchbasin; 8-in. vit. pipe drains.

All under 1911 Act and Bond Act 1915. Cert check 10% payable to cmity req. Wm. Popp, city eng.

MONTEREY, Monterey Co., Cal. — Until May 7, 7 p. m., bids will be rec. by city trustees to imp. Munras Ave., bet. Blk 114 to west city limits; grade; pave 24 ft. wide with 2-in. asph. conc. surface on 5½-in. macadam base; two 15-in. corru. iron culverts with conc. copings. 1911 Act and Bond Act 1915. H. D. Severance, city eng.

SAN FRANCISCO—City Eng. M. M. O'Shaughnessy completes spec . to grade 29th Ave., bet. Cabrillo and Fulton Sts., involv. 20,500 cu. yds. fill; est. cost $30,750.

SAN FRANCISCO—Supervisors have been requested by Bd. Pub. Wks. to authorize the const. of a reinforced concrete sewer in Tonquin St., from Divisadero street westerly; est. cost $8000.

SAN FRANCISCO — Bd. Pub. Wks. requests supervisors to authorize a call for bids to imp. west one-half of Great Highway by paving and drainage at Section D of the Esplanade. Est. cost $9500 to be financed through County Road Fund.

LOS ANGELES, Cal.—Metcalf & Ryan realtors, 211 Pacific Finance Bldg., want bids for street work in Union Dr. near Sixth St., where the firm is developing a new subdivision. The work to be done involves approx. 800 lin. ft. grading and oiling, const. of 2-ft. gutters, conc. curbs, and 5-ft. cem. walks. The street is 60 ft. wide.

ANAHEIM, Cal.—Until 8 p. m., May 3, bids will be rec. by city trustees to const. sewers in various sts., involv. 8526 ft. 6-in. pipe; 318 6x4 wyes; 20 manholes; 6 flush tanks. Cert. check or bond 10%.

SANTA MONICA, Cal.—City council approves petition to grade and pave 15th St., bet. Utah and Colorado Aves. Oil and crushed rock will be used. Profiles also approved to grade and pave alleys bet. San Vicente Blvd. and Palisades Ave.

SAN DIEGO, Cal.—Calif. Constr. Co., Union Bldg., San Diego, submitted low bid to council at $20,050 to imp. 8th and A Sts., involv. (a) 94,645.2 sq. ft. 1½-in. asph. conc. wearing surface on 2½-in. bitum. base, at 16.4c ft.; (b) 15,600 sq. ft. 5-in. conc. paving at 25.8c ft. Other bids were: G. R. Daley, (a) 17.3c, (b) 24c; total, $20,646.62; Griffith Co., (a) 17.5c, (b) 25c; total, $20,885.41.

California Constr. Co. low bidder at $16,234 to pave Goldsmith and Evergreen Sts., involv. 101,779.3 sq. ft. 1½-in. asph. conc. on 2½-in. bitum. base at 15.95c sq. ft. Other bids were: Griffith Co., $17,811.38; Warren Constr. Co. $18,218.49.

G. R. Daley, 4430 Boundary St., low bidder at $14,073 to pave 83,544.24 sq. ft. 1½-in. asph. conc. surface on 2½-in. bitum. base at 16.3c sq. ft. Other bids were: Calif. Constr. Co., $14,195.35; Griffith Co., $15,136.46. Bids referred to City Engr. F. A. Rhodes.

SANTA MONICA, Cal.—J. D. Kneen Paving Co., Dudley Blk., Santa Monica awarded cont. by council at $14,400 to const. storm drain in Wilshire Blvd., bet. Ocean Ave. and 3rd St., involv. 1560 ft. 30-in. and 800 ft. 24-in. reinf. conc. pipe; 150 ft. 12-in. vit. pipe; 3 concr. catch basins; 2 manholes.

ALAMEDA, Alameda Co., Cal.—City Eng. Burnett Hamilton is completing survey to imp. approx. 8-mi. of streets; to be re-oiled, screened, scarified and resurfaced this year. Work will be started May 1.

PHOENIX, Ariz.—Until May 12, 2 p.m. bids will be received by E. S. Wheeler, Dist. Eng., U. S. Bureau of Rds., 212 W-Washington st., Phoenix, to const. Flagstaff-Angel Forest Highway in Convonino Nat'l Forest, Arizona State, approx. 23,436 mi. long, involv. 57,750 cubic yards, common, excavation; 565 cu yds, Class "A" conc. (alternate); 60 cu yds., Class "B" conc. (alternate); 620 cu yds, Class "D" conc. alternate; 85,160 lbs reinf steel (alternate); 2404 lin ft corr metal pipe culverts; 136 lin ft stand conc handrail; 107,000 lbs structural steel in truss bridge; 28,200 lbs structural steel in overhead crossing; 1757 cu yds Ashlar masonry, alternate.) Gov't has equipment to loan contractors on rental basis. Plans obtainable from eng. for cert. check $10 payable to Sec'y of Agriculture of U. S. Cert. check 5% req. with each bid.

BURBANK, Cal.—Until 7:30 P. M., May 15, bids will be rec. by City Clerk F. S. Webster to imp. 8th St., bet Walnut Ave. and east city limits,about 6000 lin. ft. by grade; pave with macad. 36 ft. wide and const. curbs. Bids will be rec. same time to imp. 6th St., bet. Walnut Ave. and E city limits about 6000 lin. ft., grads; pave with macad. 36 ft. wide and const. curb and walks.

STOCKTON, San Joaquin Co., Cal.—Until May 8, 10:30 a. m., bids will be rec. by A. L. Banks, city clerk, to imp. portions of Acacia, Yale, Poplar Aves., and Flora St.: grade; const. comb. conc. curbs and gutters; conc. walks; pave with 3-in. crushed rock base with 2-in. asph. conc. surface; also east and west half of Pershing Ave., from n boundary of Terminal Tract north to Poplar St.: grade; const. comb. conc. curb and gutters; conc. walks; pave with 3-in. crushed rock base with 2-in. asph. conc. curbs and gutters; conc. walks; pave with 3-in. crushed rock base with 2-in. asph. conc. surface and const. conc. walks in portions of Picardy Dr. 1911 Act and Bond Act 1915. Cert. check 10% payable to city of Stockton req. W. B. Hogan, city eng.

STOCKTON, San Joaquin Co., Cal.—City Council, A. L. Banks, clerk, declares inten. to imp. portions of Castle St. by grade; const. comb. conc. curbs and gutters; conc. walks; pave with 2½-in. crushed rock base with 2½-in. asph. conc. and 2½-in. asph. conc. wearing surface; portion of North Center St. grade; const. comb. conc curbs and gutters; pave with 3-in. crushed rock base with 2-in. asph. con. surface. 1911 Act and Bond Act 1915. Protests, May 15. W. B. Hogan, City Engineer.

SAN FRANCISCO—Louis J. Cohn, 180 Jessie St., at $23,238 awarded cont. by Bd. Pub. Wks. to const. Telegraph Hill Blvd., involv. const. of conc. retaining walls, etc., lump sum, $2400; 16,960 cu. yds. cut, $1.85 cu. yd.; 2 conc. inlets, $95 ea.; 2 storm water inlets, $75 ea.; 1 br. manhole, $125; 1 drop manhole, $150; 280 lin. ft. 10-in. culverts, $2.50 lin. ft.; 1620 lin. ft. guard fence, $.90 foot.

EAST SAN DIEGO, Cal. — Trustees declare inten. to imp. portions of Pauly, Fairmount, and Colonial Aves.: grade; pave with 1½-in. asph. conc. on 2½-in. asph. conc. base; const. walks, curbs; 1911 Act. and 1915 bond imp. act. Wilbur W. Easton, city clerk.

GLENDALE, Cal.—Peter L. Ferry, 614 E Acacia St., Glendale, submitted low bid to council at $21,853.50 to imp. Ruberta Ave., 5th St., and portions of other sts., involv. 3245 lin. ft. grading $1.25 ft.; 6503 lin. ft. curb 50c ft.; 14,275 sq. ft. gutter 21c ft.; 88,550 sq. ft. 3-in. oiled macad 10c ft.; 3330 ft. 4-in. pipe and 200 ft. 2-in. pipe $3996 (lump sum). Other bids were: E. L. Fleming, $21,941.25; Cornwell & Henderson, $23,239.05; W. J. Curren, $23,927.25; Geo. H. Simpson, $24,020.50.

GARDEN GROVE, Cal.—Chamber of Commerce seeks formation of a sanitary dist. to participate in the new joint outfall project of Santa Ana, Anaheim and other cities.

NATIONAL CITY, Cal.—An election will be called to vote on $33,000 bond for street work.

SACRAMENTO, Cal. — City Comm. awards conts. as follows: McGillivray Const. Co., Capitol Natl. Bank Bldg., Sacramento: Portions of Santa Ynez & 36th St., const. conc. curbs and gutters; c. i. gutter drains with 6-in. vit. manhole connections; conc. manholes with c. i. tops; const. 8-in. vit. sewers with 4-in. wyes; 4-in. sewer services to prop. line; conc. walks; ¾-in. water main connections; grade; pave with 4-in. asph. conc. with seal coat; and portions of H St., by removing curb, gutter and walks and reconst same to grade; construct conc. walks and reset gutter drains.

McGillivray Const. Co., L St., bet. 15th and 26th Sts., by reconst. catchbasins and manholes; grade; pave with 2-in. asph. conc.

A. Teichert & Son, Oschner Bldg., Sacramento: 7th Ave., bet. Sacramento Blvd. and 33rd St.; const. conc. curb, gutter; place c. i. gutter drains with 6-in. manhole connections; conc. manholes; ¾-in. water main connections; grade; 4-in. asph. conc. pave with seal coat; 38th St., bet. 7th Ave. and manhole in alley 1st south and 1 right of way by const. 8-in. vit. sewer and manhole.

J. W. Terrell, 1111 29th St., Sacramento: 51st St. from manhole in "J" St. to pt. 560 ft. north; const. vit. sewer with wyes; conc. manhole with c. i. cover and curb.

YUBA CITY, Sutter Co., Cal.—Galbraith and Janes, Yuba City and 548 11th St., Richmond, at approx. $4000 awarded cont. by Yuba City Grammar School Dist. to pave with 5-in. conc. south ½ of Bridge St., bet. Plumas St. and School lot north.

SANTA ANA, Cal.—County supervisors will widen Whittier Blvd., bet. Montebello and Whittier. Property owners will be asked to co-operate beyond the county line. The cost will probably be divided among the state, property owners and county.

ORANGE, Cal.—Until 1 p. m., May 1, bids will be received by city trustees to const. vit. pipe sewer in N Cypress St., bet. West Palm and West Walnut Sts., and portions of other sts.; incl. manholes, flushtanks, 4-in. laterals and wye connections; 1911 Act and 1915 bond imp. act. W. A. White, city clerk. C. C. Bonebrake, city engr.

LOS ANGELES, Cal.—Until 10 a. m., April 30, bids will be req. by Bd. Pub. Wks. to imp. under Vrooman act:

Milwaukee Ave., bet. Springvale Dr. and 136 39 ft. north of Fayette St., involv. 200 sq. ft. conc. paving; 31,831 sq. ft. grade and oil; 2134 ft. curb; 10,514 sq. ft. walk; 4658 sq. ft. gutter.

SACRAMENTO, Cal.—Until May 3, 9 p. m., bids will be rec. by H. G. Denton, city clerk, to imp.:

32nd St., bet. Y and 9th, except intersections of W. Y. Sacramento Blvd., 1st, 2nd and 3rd Aves., north ½ of 4th ave., Marshall Way, 5th Ave., Donney Way, north line Montgomery Way, to s. line 6th Ave., and 8th Ave.; const. conc. curb and gutter; c. i. gutter drains with 6-in. vit. manhole connections; connect manholes with 8-in. vit. pipe; construct and reconst. conc. manholes; move gutter drains to other locations; conc. walks; remove trees; grade; 5½-in. asph. conc. pavement.

19th St., bet. B and R Sts., except intersections of E to Q Sts., incl.: const. conc. curb and gutter; c. i. gutter drains with 6-in. vit. manhole connections; 8-in. vit. manhole to sewer connections; const. conc. manholes with c. i. covers; reconst. manholes; grade; crushed rock fill below subgrade; 2-in. asph. conc. pavement.

51st St., bet. Folsom Blvd. and pt. 690 ft. n. const. vit. sewer with 4-in. wyes; conc. manholes.

Portion 55th, V and 57th Sts., placing c. i. gutter drains with 6-in. vit. manhole connections; const. vit. sewers with 4-in. wyes; conc. manholes; grade; 4-in. asph. conc. pavement.

All under 1911 Act. Cert. check 10% payable to city req. Albert Givan, City Engineer.

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SANTA ROSA, Sonoma Co., Cal.—Until May 1, 8 P. M., bids will be rec. by Vida McL. Doggett, City Clerk, to imp. Carillo St., bet. Mendocino and Ripley: Grade, excavate or fill where necessary; re-shape macadam base and pave with 3-in. Warrenite-Bit. in 1-course; conc. curbs and gutters. 1911 Act and Bond Act 1915.

Separate bids, same date, to imp. 7th St., bet. Washington and B Sts.: Grade; excavate or fill; re-shape macadam base and pave with 3-in. Warrenite-Bit. laid in 1-course; const. comb. conc. curbs and gutters. 1911 Act and Bond Act 1915. Cert. check 10% payable to city req. L. L. Mills, City Eng.

COLUSA, Colusa Co., Cal.—City trustees, B. L. McCue, clerk, declare inten. to grade and gravel Clay St., bet. 10th St. and west town limits; Fremont St., bet. A and 10th St.; Sico St., bet. A and 5th St.; Second St., bet. Fremont and Sioc St. All under 1911; Avt. Protests will be heard May 7.

EUGENE, Ore.—Until May 2, 1:30 p. m., bids will be rec. by R. C. Bryson, county clerk, to clear, grade and rock 6-mi. of road from Blachly rd. north to Benton county line. Spec. obtainable from county surv. at Eugene.

MANHATTAN BEACH, Cal. — City trustees declare inten. to imp. Ocean Dr., bet. 27th St. and Rosecrans Ave., and portions of other sts. and alleys: grade; pave with cem. conc.; const. cem curb, 15-ft. walks, 4-in. laterals, 8 10-in. outlets; 1911 Act and 1915 bond imp. act. Llewellyn Price, City clerk.

LOS ANGELES, Cal.—W. D. McCray, 416 American National Bank Bldg., submitted low bid to Bd. Pub. Wks. to imp. Alta St., bet. Park Hts. Terrace and Mission Rd., involv. grading at $2400 (lump sum); 6775 sq. ft. finish grading, oiling and rolling 7c ft.; 521 ft. curb at 70c ft.; 2804 sq. ft. cem. walk 23c ft.; 1042 sq. ft. gutter 32c ft.

Griffith Co., L. A. Ry. Bldg., submitted low bid to imp. 16th St., bet. Pacific Ave. and Gaffey St., San Pedro, involv. grading $1615 (lump sum); 562 sq. ft. conc. paving 27c; 45,596 sq. ft. asph. conc. paving (Topeka) 19.5c; 276 ft. curb 70c ft.; 9395 sq. ft. walk 22c ft.; 2400 sq. ft. gutter 27c ft.; 720 ft. hse. sewers $1.50.

Griffith Co., L. A. Ry. Bldg., submitted low bid to imp. Hunter St., bet. Lawrence and Alameda Sts., involv. grading $900 (lump sum); 18,173 sq. ft. asph. paving 26c ft.; 12 ft. curb 75c ft.; 20 sq. ft. 8-in. gutter 40c ft.; 90 ft. hse. sewers $1.75 ft.

Griffith Co., L. A. Ry. Bldg., submitted low bid to imp. Madison Ave., bet. Santa Monica Blvd. and Lockwood St., involv. grading at $4300 (lump sum); 23,878 sq. ft. asph. paving 24c ft.; 1308 ft. curb 70c ft.; 6693 sq. ft. walk 22c ft.; 1382 sq. ft. conc. gutter 25c ft.; conc. retaining wall complete, $400; 14 lin. ft. 18-in. clay pipe complete, $50.

Geo. R. Curtis, 244 E 26th St., submitted low bid to imp. Roosevelt Ave., bet. Wilton Pl. and Van Ness Ave., involv grading at $1000 (lump sum); 34,169 sq. ft. Warrenite-Bit. paving 25c ft.; 2396 sq. ft. conc. gutter 25c ft.; 65 ft hse. sewers $2 ft.

LONG BEACH, Cal.—Council declares inten. to const. cem. conc. pipe sewer in portions of 16th, State, 19th, 20th, Willard, 21st, Eagle Sts., and other sts. 1911 Act. H. C. Waughop, city clerk.

SANTA ANA, Cal.—E. B. Garretson, Orange, Calif., submitted low bid to trustees to imp. South Garnsey St., bet. West Pine St. and Fairview Ave., involving 141,660 sq. ft. 5-in. conc. paving at 19.5c ft.; 353 ft. 4-in. hse. sewers at 50c ft.

LODI, San Joaquin Co., Cal.—Clark and Henery Const. Co., 38 S Sutter St., Stockton, awarded cont. by council to imp. portions of Hutchins and Walnut streets; grade; const. hyd. conc. curbs and gutters; pave with 2½-in. asph. conc. base with 1½-in. Warrenite surface.

LONG BEACH, Cal.—Council declarea inten. to imp. Pico Ave., bet. Anaheim St. and 7th St., and portions of other sts.; grade and pave with 6-in. disintegrated rock pavement; 1911 Act. H. C. Waughop, city clerk.

BERKELEY, Alameda Co., Cal. — City Eng. C. L. Huggins estimates cost of changing location of Tunnel rd. to permit traffic to pass through Berkeley at $69,000 if block bounded by Domingo Ashby and Claremont Aves, and Russel St. is taken. To carry out the project by tak ng a portion of the block, the estimate cost is placed at $28,000. On the larger estimate street work would cost $10,000 and on the smaller $10,800.

SANTA BARBARA, Cal.—Until 5 p. m., May 3, bids will be rec. by council to const. 6-in. vit. pipe main san. sewer in Voluntario St., bet. Gutierrez St. and 336 ft. n.w.; 1911 Act. Geo. D. Morrison, city engr.

HANFORD, Kings Co., Cal.—California Const. Co., Hanford and 58 Second St., San Francisco, at $22,959.40 awarded cont. by council to imp. Florinda St. bet. Park Ave and Redington St., and bet. Redington and Irwin and Irwin and Douty Sts.: grade, pave with 4-in. bituminous base with 1½-in. Warrenite-Bit. surface; cem. curbs, gutters; corru. iron and conc. culverts.

ALHAMBRA, Cal.—Until 8 p. m., May 7, bids will be rec. by city commission to imp. sierra Vista Ave., bet. lot 1, Tr. No. 5795, and Glendon Way, and portions of other sts.: grade and oil const. walk, curb, gutter; 1911 Act. R. B. Wallace, city clerk.

BERKELEY, Alameda Co., Cal. — Council, E. M. Hann, clerk, declares inten. to imp. Center St., bet. Shattuck Ave. and Grove St. by setting back curb; const. comb. armored conc. curb and gutter; pave portions with asphaltic pavement and portion of old pavement to be heated and raised to conform with new pavement; const. cem. walks; conc. catchbasin with 12-in. vit. sewer connections. 1911 Act. and Bond Act 1915. Protests May 8. C. L. Huggins, city eng.

SAN BERNARDINO, Cal.—Until 7:30 p. m., May 7, bids will be rec. by council to imp. 13th St., bet. D and E Sts., grade and pave with 4-in. cem. conc.; 1911 Act. J. H. Osborn, city clerk.

MERCED, Merced Co., Cal.—Merced Concrete Pipe Co., Merced, at $49,750 awarded cont. by supervisors for imp. in Rd. Dist. 5, involv. 43,557 lin. ft. preparing sub-grade; 18,712 bd. ft. lumber and 525,904 sq. ft. rock screenings. Blumenkranz and Vernon, Stockton, only other bidders at $54,690.

LOS ANGELES, Cal.—Croatian-American Inv. Co., 208 W 2nd St., submitted low bid to Bd. Pub. Wks., at $57,700 to const. sewer in Burck Pl., bet. Country Club Dr. and 12th St. Other bids were: Nick Bebek, $61,000 Nick Artukovich, $62,450; Leo Miletich, $62,501.41; C. E. Green, $63,900; Mlagenovich & Gillespie, $64,300; Dalmatin & Guho, $68,000; S. Zarubica, $96,000.

SOUTH PASADENA, Cal.—Until 5 p. m., May 14, bids will be rec. by trustees to imp. Oak Hill Ave., bet. Monterey Rd. and Jennie Bell Ave.; Short Way bet. Oak Hill Ave. and west city limits; grade and pave with 2-in. oil and screenings; const. 2-ft. cem. gutter, curb; 1911 Act. Nettie A. Hewitt, city clerk.

BAKERSFIELD, Kern Co., Cal. — Weitzel and Larsen, Bakersfield, at $664 awarded cont. by supervisors to imp. G. A. R. Plot in Union Cemetery. Other bids: Dean and Stroble $950; Valley Const. Co., $1,226.25.

FRESNO, Fresno Co., Cal. — Until May 3, 3:30 p. m., bids will be rec. by R. Y. St. George, city clerk, to imp. alley in Block 135, bet. Kern and Tulare sts.: grade and pave with 6-in. Port. cem. conc. 19-ft. wide. 1911 Act. Cert. check 10% payable to city req. Wm. Stranahan, city eng.

STOCKHOLDERS AUXILIARY CORP.

INSURANCE { FIRE
SURETY BONDS
CASUALTY

PHONE DOUGLAS 6000
550 MONTGOMERY ST.

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

$1,000 and Over Reported

The following is an index for the contracts for this issue.

No.	Owner	Contractor	Amt.
1541	Fritz	Peterson	5500
1542	St. Domonics	Owner	40000
1543	Klopstock	Spargo	20000
1544	Mervy	Grannis	21000
1545	Forni	Owner	1500
1546	Varni	Cuneo	4400
1547	Epp	Owner	22000
1548	Koenig	Koenig	16000
1549	Beckman	Owner	8000
1550	Women's	Macdonald	286000
1551	Chemberlain	Owner	40000
1552	Swift	Owner	23000
1553	Robson ..	Malloch	15000
1554	Downes	Urfer	2850
1555	Kollerer	Owner	3000
1556	Marsicano	Martinelli	2000
1557	City Invst	Ehlers	2950
1558	Pickett	Landry	1150
1559	Hemminga	Owner	8000
1560	Swift	Gibson	4000
1561	Wanderer	Piper	5150
1562	Selix	Coggins	8000
1563	McCready	Jeriegan	1712
1564	Boericke	Dawset	1000
1565	Applegarth	Owner	2500
1566	Urban	Owner	35000
1567	Garden	Mangels	7397
1568	Talbot	Knowles	1890
1569	Same	Same	2175
1570	Brouilet	Jacks	14420
1571	Mueller	Fennell	26247
1572	Portugeis	Christiansen	7900
1573	Hasty	Berge	7853
1574	Marks	Owner	12000
1575	Gawthorne	Brown	7000
1576	De Cuir	Ellison	4500
1577	Olivier	Baetens	1500
1578	Hamill	Owner	4000
1579	Schaadt	Owner	2000
1580	Christiansen	Owner	7000
1581	Nelson	Owner	3000
1582	Nelson	Owner	28000
1583	Urban	Owner	10000
1584	Verner	Owner	20000
1585	Bailey	Coggins	1000
1586	White	Owner	60000
1587	Wirthman	Taylor	16988
1588	Pacific Coast	Dinwiddie	9500
1589	Braun	Wilson	1155
1590	Girird	Jones	10150
1591	Nichols	Meyer	15588
1592	Vasconi	Harder	11510
1593	Pederal	Denivelle	6741
1594	Golden Pheasant	Ollley	2315
1595	Weissbein	Meyer	20000
1596	Johnson	Owner	48000
1597	Mitchell	Hardy	24000
1598	Ginley	Owner	6000
1599	Bianchi	Allen	7000
1600	Meyer	Kenneally	5250
1601	Allyne	Spargo	92976
1602	Burns	Goodman	1000
1603	Cranz	Hoin	3950
1604	Feerick	Owner	4000
1605	Broderick	Owner	25000
1606	Crocker	Samuelson	8000
1607	Same ...	Same	34200
1608	Same	Same	33000
1609	Tiscornia	Owner	3000
1610	Larson	Owner	8000
1611	Larson	Owner	4000
1612	Musto	Owner	1200
1613	Murphy	Gilmour	1500
1614	Darriman	Hurley	4000
1615	Hart	Owner	18000
1616	Hellmann	Owner	90000
1617	Bass-Hueter	Barrett	54000
1618	Bear	Duval	6000
1619	Silvistrini	Masarie	1000
1620	Holden	Terry	4750
1621	Peiser	Diestel	10157
1622	Gruss	Meyers	17865
1623	Rankin	Callaghan	3100
1624	Wanderer	Piper	5150
1625	Western Union	Owner	1800
1626	Rosenfeld	Pearson	1600
1626	Moitoza	Lorenz	5500
1627	Gust	Owner	2000
1628	Lurkin	Owner	1800
1629	Kahlmoos	Hansen	11000
1630	Keenan	Owner	4000
1631	Allen	Owner	15000
1632	Hamilton	Hamilton	2000
1633	Jacobs	Kragen	2000
1634	Gullmes	Owner	6900
1635	Miller	Owner	7000
1636	Plazzo	Kincanon	20000
1637	Erigero	Johnson	22000
1638	Standard	Owner	3000
1639	Moitoza	Lorenz	5839
1640	Binning	Gillogley	8000
1641	Leateno	Maffei	3650
1642	McCarthy	Owner	12000
1643	Brody	Heyman	15000
1644	Heyman	Owner	5000
1645	R C Archbishop	Behm	5000

RESIDENCE
(1541) S SAN MARCOS 600 W Casdanato.. Two-story and basement frame residence.
Owner—W. Fritz, Forest Hill, S. F.
Architect—H. Stoner, 219 First Nat'l. Bank Bldg., San Francisco.
Contractor—F. Petersen, 219 First National Bank Bldg., S. F. $5500

CHURCH.
(1542) SE BUSH AND STEINER. Reinforced concrete church (this permit covers foundation only).
Owner—St. Domonics Priory of San Francisco, 2390 Bush St., S. F.
Architect—Beezer Bros., 1915 Steiner St., San Francisco. $40,000

STORES
(1543) E MISSION 235 N Eighteenth. Two-story and mezzanine floor concrete stores.
Owner—Klopstock Bros., % Architect.
Architect—Mel I. Schwartz, Nevada Bk. Bldg., San Francisco.
Contractor—John Spargo, Russ Bldg., San Francisco. $20,000

FRAME FLATS
(1544) W FRANKLIN 82-6 and 110 N Francisco. Two two-story and basement frame (2 in each) flats.
Owner—Dr. Mervy, % Contractor.
Architect—Edward E. Young, 2022 California St., San Francisco.
Contractor—F. R. Grannis, 2450 Steiner St., San Francisco. $12,000 each

DWELLING
(1545) E PRENTISS 125 S Jarboe. Two-story and basement frame dwelling.
Owner—E. Forni, 199 Banks St., San Francisco.
Architect—None. $1500

DWELLING
(1546) E PARIS 125 S Amazon. One-story and basement frame dwelling
Owner—S. Varni, 73 Farragut St., San Francisco.
Designer—John P. Cuneo, 5079 Mission St., San Francisco.
Contractor—John P. Cuneo, 5079 Mission St., S. F. $1400

APARTMENTS
(1547) NW CORNWALL & SECOND Ave. Three-story and basement frame (12) apartments.
Owner—Mr. I. Epp, 405 2nd Ave., S. F.
Architect—H. C. Baumann and Edw. Jose, 251 Kearny St., S. F. $22,000

FRAME FLATS
(1548) S FILBERT 50 & 75 W Gough. Two two-story and basement frame (2 in each) flats.
Owner—Chas. J. U. Koenig, 520 Church St., San Francisco.
Architect—Wm. Koenig, 520 Church St., San Francisco.
Contractor—Chas. J. U. Koenig, 520 Church St., S. F. $8000 each

DWELLINGS
(1549) W THIRTY-FIFTH AVE 250 and 275 N Balboa. Two one-story and basement frame dwellings.
Owner—Chas. H. Beckman, 730 Clayton St., San Francisco.
Architect—None. $4000 each

ADDITION
(1550) N SUTTER 206 W Mason. Six-story and basement reinforced concrete addition to club.
Owner—Women's Athletic Club, 640 Sutter St., San Francisco.
Architect—Bliss & Faville, Balboa Bldg., San Francisco.
Contractor — Macdonald & Kahn, 130 Montgomery St., S. F. $286,000

OFFICE BLDG.
(1551) E POWELL bet. Sutter and Bush. Three-story and basement and mezzanine floor brick store & office building.
Owner—Chamberlain & Proctor, Mills Bldg., San Francisco.
Architect—Bakewell & Brown, 251 Kearny St., San Francisco. $40,000

APARTMENTS
(1552) SW EIGHTEENTH AND SAN Carlos. Three-story and basement frame (12) apartments.
Owner—Edward Franks, 98 Fillmore St., and Edward Swift, 10th and Mission Sts., San Francisco.
Architect—E. E. Young, 251 Kearny St., San Francisco. $23,000

FACTORY
(1553) SW FOLSOM AND SEVENTH. One-story frame factory (manufuture of music rolls).
Owner—Kernan Robson, 1201 Nevada Bank Bldg., San Francisco.
Designer—F. L. Walder, % Owner.
Contractor—J. S. Maloch, 180 Jessie St., San Francisco. $15,000

ALTERATIONS
(1554) NO. 909 IRVING. Raise and add one-story frame for store and flat; concrete work, etc.
Owner—M. F. Downes, 245 Montgomery St., San Francisco.
Architect—None.
Contractor—Chas. E. Urfer, 134 Halleck St., San Francisco. $2850

FRAME FLATS
(1555) SW TWENTIETH AND TREAT Ave. Addition of one-story to (2) flats.
Owner—Mr. Kollerer, 20th and Treat Ave., San Francisco.
Architect—Edw. E. Young, 2002 California St., S. F. $3000

ALTERATIONS
(1556) SW BROADWAY AND GRANT Ave. Alter and add to store.
Owner—Mrs. Mary Marsicano, 781 Green St., San Francisco.
Architect—L. Mastropasqua, 580 Washington St., San Francisco.
Contractor—G. Martinelli, 180 Washington St., S. F. $2000

ALTERATIONS
(1557) NO. 1020-22 MARKET. Erect plaster partitions; new store fronts rearrange basement stairways.
Owner—City Invst. Co., 902 1st Nat'l. Bank Bldg., San Francisco.
Designer—G. C. Shervey, 557 Mission St., San Francisco.
Contractor—Ehlers & Smith, 557 Mission St., S. F. $2950

DWELLING
(1558) SE ALPINE 401 NE Campbell. One-story and basement frame dwelling.
Owner—Joseph K. Pickett, 37 Alpha St., San Francisco.
Designer—L. J. Landry.
Contractor—L. J. Landry. $1150

DWELLINGS
(1559) W TWENTY-FIRST AVE 100 and 125 N Cabrillo. Two two-story and basement frame dwellings.
Owner—Nick Hemminga, 705 22nd Ave., San Francisco.
Architect—None. $4000 each

DWELLING
(1560) W NINETEENTH AVE 25 N Kirkham. One-story and basement frame dwelling.

Owner—Edward D Swift, 1372 Mission St., San Francisco.
Architect — Willis Lowe, Monadnock Bldg., San Francisco.
Contractor—R. N. Gibson 55 5th St., San Francisco. $4000

DWELLING
(1561) S PARK 254 W Andover. One story and basement frame dwelling.
Owner—Nellie Theresa and Eugene Wanderer.
Architect—Evans & Co., 359 Pacific Bldg., San Francisco.
Contractor—Paul Piper and Ebert Thomson, 162 Randall St., San Francisco. $5150

ALTERATIONS
(1562) NE OAK AND STEINER. Alterations for apartments.
Owner—Mrs. Selix, 1076 Oak St., San Francisco.
Architect—None.
Contractor—L. M. Coggins, 1120 Oak St., San Francisco. $8000

ALTERATIONS
(1563) NO. 234 NEV. Concrete basement; plastering interior; construct brick mantels, etc., for residence.
Owner—Mrs. R. McCready, Premises.
Architect—None.
Contractor—E. H. Jeriegan, 5754 Mission St., San Francisco. $1712

ALTERATIONS
(1564) NO. 2440 PACIFIC AVE. Interior alterations for residence.
Owner—Dr. W. Boericke, 391 Sutter St., San Francisco.
Architect—None.
Contractor—Mr. Dawsett, Pebble Beach Calif. $1000

ADDITION
(1565) S VALLEJO 105 E Broderick. Add to frame residence.
Owner—Geo. A. Applegarth, 1800 Claus Spreckels Bldg., S. F.
Plans by Owner. $2500

DWELLINGS
(1566) W DE SOTO 50, 100, 150, 450, 500, 550 and 600 S Urban. Seven one-story and basement frame dwellings.
Owner—Urban Realty Improvement Co. 85 Cerritos Ave., S. F.
Plans by Owner. $5000 each

DWELLING
(1567) INT. S PORTOLA DRIVE and dividing line Lots 30 and 31 Blk 24 S 4° 05. E 8479 N 67° 30! 53" E 52.69 N 4° 05' W 68.15 S 85°55' W 50 Ptn Lot 30 Blk 24, St. Francis Wood Extn No. 2. All work for frame dwelling.
Owner—Garden Homes Co., 278 Post St., San Francisco.
Architect—Earle B. Bertz, 168 Sutter St., San Francisco.
Contractor—Mangels Bros., 4792 Mission St., San Francisco.
Filed Apr. 19, '23. Dated Apr. 19, '23.
Frame up $1849.25
Brown coated 1849.25
Completed and accepted..... 1849.25
Usual 35 days..... 1849.25
TOTAL COST, $7397.00
Bond, $3698.50. Sureties, Theresa Gamma and Jno F Steimke. Limit, 120 days. Forfeit, $5. Plans and specifications filed.

PLASTERING
(1568) N NATOMA AND EIGHTH NW 75xNE 275. Plastering two-story reinforced concrete building.
Owner—Talbot Invst. Co., % Architect
Architect—J. E. Krafft & Sons, Phelan Bldg., San Francisco.
Contractor — A. Knowles, Call Bldg., San Francisco.
Filed April 19, '23. Dated April 17, '23. Completed and accepted.....$1390
30 days 500
TOTAL COST, $1890
Bond, $1000. Surety, Fidelity & Deposit Co. of Maryland. Limit, May 15. Forfeit, $20. Plans and specifications filed.

(1569) PAINTING ON ABOVE.
Contractor—J. P. Fraser.
Filed April 19, '23. Dated April 17, '23. Completed and accepted $1625
30 days 550
TOTAL COST, $2175
Bond, $1100. Surety, Royal Indemnity Co. Limit, May 15, 1923. Forfeit, $20. Plans and specifications filed.

FRAME BLDG.
(1570) N LOMBARD 162-9 W Larkin W 25 S 74-6. All work except plumbing and electric work for two-story and basement and attic frame building.
Owner—A. W. Brouillet, Humboldt Bk. Bldg., San Francisco.
Architect—Hermann Barth, Phelan Bldg., San Francisco.
Contractor—W. K. Irvine and Henry Jacks.
Filed April 19, '23. Dated April 12, '23.
Frame up and roof sheathed..$2704
Partitions set and ready for lathing 2704
Brown coated 2703
Completed and accepted..... 2704
Usual 35 days..... 3605
TOTAL COST, $14,420
Bond, $7210. Sureties, Geo. F. Derning and Simon McLean. Limit, 100 days. Forfeit, $5. Plans and specifications filed.

CLASS C BLDG.
(1571) N HOWARD 175 E Seventh — 50xN 165. All work except elevator, lighting fixtures, shades, finish hardware and heating for one-story Class C building.
Owner—The H. Mueller Mfg. Co., 635 Mission St., San Francisco.
Architect — Geo. W. Kelham, Sharon Bldg., San Francisco.
Contractor—Fennell & Chisholm, 180 Jessie St., San Francisco.
Filed Apr. 19, '23. Dated Apr. 19, '23.
On 6th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $26,247
Bond, $26,247. Sureties, J. W. Bender and D. J. Sullivan. Limit, 90 days. Forfeit, $10. Plans and specifications filed.

FRAME STORES
(1572) NW FIFTH AND NATOMA. All work for one-story frame stores.
Owner—Ely Portugeis, % Contractor.
Architect—Christiansen Bros., 418 25th Ave., San Francisco.
Contractor — Christiansen Bros., 518 25th Ave., San Francisco.
Filed Apr. 19, '23. Dated Apr. 6, '23.
Frame up $1975
Brown coated 1975
Completed 1975
Usual 35 days..... 1975
TOTAL COST, $7900
Bond, none. Limit, 40 days. Forfeit, none. Plans and specifications filed.

RESIDENCE
(1573) ON MENDOSA AVE., Forest Hill. All work for frame residence.
Owner—J. E. and Anne M. Hasty, 337 Webster St., San Francisco.
Architect—None.
Contractor—Julius Berge, 1234 30th Ave., San Francisco.
Filed Apr. 19, '23. Dated Aug. 7, '22.
Foundation forms on.....$ 500.00
Rafters on 1464.75
1st coat plaster on..... 1464.75
Completed 1464.75
Usual 35 days..... 1464.75
TOTAL COST, $7859.00
Bond, limit, forfeit, plans and specifications, none.

STORE AND FLAT
(1574) S McALLISTER 166 E Gough. Two-story and basement reinforced concrete store and flat.
Owner—E. Marks, % Architect.
Architect—C. O. Clausen, Hearst Bldg., San Francisco. $12,000

FRAME FLATS
(1575) W LEAVENWORTH 82-6 N Clay. Two-story and basement frame (4) flats.
Owner—Dr. F. A. Gawthorne, 708 Phelland Bldg., San Francisco.
Architect—None.
Contractor—A. Brown, 708 Phelan Bldg., San Francisco. $7000

DWELLING
(1576) SW MARCILLY AND BOSworth. One-story and basement frame dwelling.
Owner—Jos. DeCuir, 265B 10th St., San Francisco.
Architect—None.
Contractor—Arthur N. Ellison, 1038A Cole St., San Francisco. $4500

DWELLING
(1577) E ARMSTRONG 175 E Railroad Ave. One-story and basement frame dwelling.
Owner—Edward Olivier, 1644 Oakdale Ave., San Francisco.
Architect—None.
Contractor — Edward Baetens, 1917 Oakdale Ave., S. F. $1500

DWELLING
(1578) E TWENTY-SECOND AVE 170 S California. One-story and basement frame dwelling.
Owner—Thos. Hamill, 6140 Geary St., San Francisco.
Architect—None. $4000

DWELLING
(1579) E HOWTH 25 N Geneva. One-story and basement frame dwlg.
Owner—R. M. Schaadt, 31 Howth St., San Francisco.
Architect—None. $2000

FRAME FLATS
(1580) N FULTON 57-6 E Nineteenth Ave. Two-story and basement frame (4) flats.
Owner—H. C. Christiansen, 518 25th Ave., San Francisco.
Architect—Christensen Bros., 518 25th Ave., S. F. $7000

DWELLING
(1581) W MIRAMAR 130 S Miramar Circle. One-story and basement frame dwelling.
Owner—Nelson Bros., 1375 Plymouth Ave., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. $3000

DWELLINGS
(1582) NE MONTECITO AND HAZELwood.
SE HAZELWOOD AND STAPLES.
SE HAZELWOOD & MONTECITO.
NE VALDEZ AND GREENWOOD.
NE HAZELWOOD & FLOOD AVES.
SE HAZELWOOD & FLOOD AVES.
NW HAZELWOD & MONTECITO.
Seven one-story and basement frame dwellings.
Owner—Nelson Bros., 1375 Plymouth Ave., San Francisco
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. $4000 each

DWELLING
(1583) SW MONCADA WAY 150 NW Paloma. One and one-half-story and basement frame dwelling.
Owner — Urban Realty Imp. Co., 30 Montgomery St., San Francisco.
Plans by Owner. $ 10,000

FRAME FLATS
(1584) NW CAPP AND TWENTYthird. Three-story and basement frame (6) flats.
Owner — J. H. Verner, 1921 23rd St., San Francisco.
Architect—None. $20,000

DWELLING
(1585) E EIGHTEENTH AVE 167 S Irving. One-story and basement frame dwelling.
Owner—Alberta Bailey, 616 Shrader St. San Francisco.
Architect—None.
Contractor—L. M. Coggins, 1120 Oak St., San Francisco. $1000

ALTERATIONS
(1586) SE GRANT AVE AND SUTTER Install 3 passenger elevators; erect stairways bet. 1st and 2nd floors and fireescapes and other minor alterations for store.
Owner—The White House (Raphael Weill & Co.), Premises.
Architect—None.
Constr. Mgr.—Frederick Whitton, 369 Pine St., San Francisco. $60,000

RESIDENCE
(1587) LOT A ST. FRANCIS WOOD. Two-story frame residence.
Owner—Ernest F. & Mathilde S. Wuthman, Mill Valley, Calif.
Architect — Henry H. Gutterson, 278 Post St., San Francisco.
Contractor—Taylor & Jackson, 290 Tshama St., San Francisco.
Filed April 20, 1923. Dated Apr. 18, 1923.
5th Day each month 75%
Usual 35 days 25%
TOTAL COST, $16,988
Bonds, Sureties, none; Forfeit, $3 day; Limit, 100 days; Plans and specifications filed.

ADDITION
(1588) 713 SANSOME St. Structural steel and reinforcing steel work, concrete, electrical and plumbing work, etc., sheet metal, carpentry, etc. for rein. concrete addition.
Owner—Pacific Coast Syrup Co., 713 Sansome St., San Francisco.
Architect — Dodge A. Riedy, Pacific Bldg., San Francisco.
Contractor — Dinwiddie Construction Co., Crocker Bldg., San Francisco.
Filed April 20, 1920. Dated Apr. 13, 1923.
1st Monday of each month.....90%
Usual 35 days 10%
Cost plus 10%, not to exceed $9500
Bonds, Sureties, Forfeit, none; Limit, 40 days; Plans and Specifications filed.

STORES & OFFICES
(1589) W VALENCIA 92 S 16-6 W 88 x S 30. Electric work for bldg. (3-story class B stores and offices).
Owner—Fred Braun, care architect.
Architect—John F. Beuttler, 110 S Sutter St., S. F.
Contractor—Wilson Electric Co., 540 Valencia St., San Francisco.
Filed April 20, 1923. Dated Apr. 18, 1923.
1st & Mezz. floor roughed in..$288.75
Bldg. completely roughed in.. 288.75
Completed and accepted..... 288.75
Usual 35 days 288.75
TOTAL COST, $1155
Bond, $500; Sureties, M. J. Alexander & Mrs. Sarah Wilson; Forfeit, none; Limit, as fast as possible; Plans and specifications filed.

RESIDENCE
(1590) NE JACKSON AND LYON. All work except painting, electric fixtures, water heater, wall paper, window shades and marble for two story and basement frame residence
Owner—Andrew P. Girerd, 236 Broadway, San Francisco.
Architect — Erle J. Osborne, Balboa Bldg., San Francisco.
Contractor—Thos. M. Jones, 3767 Army St., San Francisco.
Filed April 20, '23. Dated April 2, '23.
Frame up and roof on.....$2537.50
Rough plumbing & rough plastering completed..... 2537.50
Completed and accepted..... 2537.50
Usual 35 days..... 2537.50
TOTAL COST, $10,150.00
Bond, $5075. Surety, Globe Indemnity Co. Limit, 120 days after May 2. Forfeit, none. Plans and specifications filed

COTTAGES
(1591) SE FORTY-SEVENTH AVE & Balboa S 90xE 60. All work for three frame cottages.
Owner—B. W. Nichols, 5326 Geary St., San Francisco.
Architect—None.
Contractor—Meyer Bros., 5326 Geary St., San Francisco.
Filed Apr. 20, '23. Dated Apr. 18, '23.
Frame up $3889.50
Brown coated 3889.50
Completed 3889.50
Usual 35 days..... 3889.50
TOTAL COST, $15,558.00
Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

FRAME FLATS
(1592) S LOMBARD 150 W Van Ness Ave 50xS 137-6. All work except electric work, plumbing, painting, papering, finish hardware for two-story frame building (2 flats).
Owner—Pio Vasconi.
Architect—W. H. Armitage, 72 New Montgomery St., San Francisco.
Contractor—John Harder, 871 39th Av., San Francisco.
Filed Apr. 20, '23. Dated Apr. 16, '23.
Rough frame up.....$2800.00
Brown coated and roof on..... 2800
White coated and standing finish on 1000.00
Completed and accepted..... 2032.50
Usual 35 days..... 2877.50
TOTAL COST, $11,510.00
Bond, $5755. Surety, The Fidelity & Casualty Co. Limit, 90 days. Forfeit, $10. Plans and specifications filed.

BANK BLDG.
(1593) NW BATTERY AND SACRAmento W 275xN 119-6. Plain and ornamental plastering throughout 2nd story corridor, etc., for seven-story Class A bank building.
Owner—Federal Reserve Bank.
Architect — Geo. W. Kelham, Sharon Bldg., San Francisco.
Contractor—Paul E. Denivelle, 280 Golden Gate Ave., San Francisco.
Filed Apr. 20, '23. Dated Apr. 17, '23.
On 10th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $6741
Bond, $3371. Surety, Fidelity & Deposit Co. of Maryland. Limit, May 25, 1923. Forfeit, none. Plans and specifications filed.

STORE
(1594) NO. 34 GEARY. Plumbing, gas fitting for store.
Owner — The Golden Pheasant, Inc, Premises.
Architect—Alfred Henry Jacobs, 110 Sutter St., San Francisco.
Contractor—Gilley Schmid Co., Inc., 198 Otis St., San Francisco.
Filed Apr. 20, '23. Dated Apr. 19, '23.
Completed and accepted..... ¾
Usual 35 days..... ¼
TOTAL COST, $2315
Bond, $2315. Surety, Fidelity & Deposit Co. of Maryland. Limit forfeit, none. Plans and specifications filed.

STORES
(1595) NW GEARY AND EMERSON. One-story Class C stores.
Owner—Jacob Weissbein, Hobart Bldg San Francisco.
Architect—H. C. Baumann & Edw. Jose 251 Kearny St., San Francisco.
Contractor—Meyer Bros., 5324 Geary St., San Francisco. $20,000

DWELLING
(1596) E TWENTY-NINTH AVE 115 N Cabrillo. One and one-half-story and basement frame dwelling.
Owner—J. Harold Johnson, 771 28th Ave., San Francisco.
Architect—None. $4800

FRAME FLATS
(1597) S CHESTNUT 117-6, 142-6 and 167-6 W Webster. Three two-story and basement frame (2 in each) flats.
Owner—Edw. H. Mitchell, 3857 Clay St., San Francisco.
Architect—None.
Contractor—A. M. Hardy, 518 24th Ave. San Francisco. $8000 each

FRAME FLATS
(1598) W TWENTY-SEVENTH AVE 100 N Clement. Two-story and basement frame (2) flats.
Owner—Edw. Ginley, 131 5th Ave., San Francisco.
Architect—None. $6000

FRAME FLATS
(1599) NE SHAFTER 75 SE Jennings. Two-story and basement frame (2) flats.
Owner—Serafino Bianchi, 532 19th St., Richmond.
Architect—L. Traverso, 854 Union St., San Francisco.
Contractor—W. J. Allen, 33 Oak Grove Ave., San Francisco. $7000

BUILDING
(1600) E ELEVENTH bet. Folsom and Harrison No. 354 11th St. All work for building.
Owner—Sol F. Meyer, 110 Sutter St., San Francisco.
Architect—O. R. Thayer, 110 Sutter St., San Francisco.
Contractor—H. J. Kenneally, 2175 Green St., San Francisco.
Filed April 21, '23. Dated April 13, '23.
Building raised and foundation in place .....$ 984
Ready for plastering of 1st floor 984
Completed and accepted..... 985
Usual 35 days..... 1313
TOTAL COST, $5250
Bond, none. Limit, 65 days. Forfeit, plans and specifications, none.

BUILDING
(1601) W MISSION AND ECKER SW 47 NW 112-6 SW 47 NW 75 NE 94 SE 187-6. Concrete work for five-story and basement reinforced concrete building.
Owner—Lucy H. and Edith W. Allyne.
Architect—Reid Bros., 105 Montgomery St., San Francisco.
Contractor—John Spargo, Russ Bldg., San Francisco.
Filed April 21, '23. Dated April 20, '23.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, $92,976
Bond, $46,488. Sureties, Chas. Monson, Thos. Price and John Hayden. Limit, July 27, 1923. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(1602) NO. 2323 MISSION. Remodel interior for dairy produce store; cement flooring, etc.
Owner—Mrs. Burns, 2323 Mission St., San Francisco.
Architect—None.
Contractor—F. O. Goodman, 2159 Mission St., San Francisco. $1000

DWELLING
(1603) NO. 222 TWENTY-FIFTH Ave. Raise dwelling and remodel front.
Owner—G. L. Cranz, Rm. 711, 110 Sutter St., San Francisco.
Architect—Albert W. Burgren, 110 Sutter St., San Francisco.
Contractor—Theo. S. Hoin, 6242 California St., San Francisco. $3950

RESIDENCE
(1604) W TWENTY-FOURTH AV. 125 S Cabrillo. Two-story and basement frame residence.
Owner—P. J. Feerick, 757 9th Ave., San Francisco.
Architect — Andrew H. Knoll, Hearst Bldg., San Francisco. $4000

APARTMENTS
(1605) W FILLMORE 57-6 N Hayes. Three-story frame apartments.
Owner—E. Broderick, 1056 Fulton St., San Francisco.
Architect—Carl Geilfuss, 1056 Fulton St., San Francisco.
NOT Let Yet. $25,000

DWELLINGS
(1606) SW AMAZON AVE AND Madird.
W EDINBURGH 175 N Geneva. Two two-story and basement frame dwellings.
Owner—Crocker Estate Co., 525 Crocker Bldg., San Francisco.
Architect—None.
Contractor—A. M. Samuelson, 290 Rolph St., San Francisco. $4000 ea

DWELLINGS
(1607) W MADRID 85 S Abazon.
W MADRID 29 and 57 N Geneva.
N ROLPH 180 and 205 E Athens.
S ROLPH 25, 50 and 100 W Munich.
S ROLPH 50 E Seville. Nine one-story and basement frame dwlgs.
Owner—Crocker Estate Co., 525 Crocker Bldg., San Francisco.
Architect—None.
Contractor—A. M. Samuelson, 290 Rolph St., S. F. $3800 each

DWELLINGS
(1608) N GENEVA 25.33 E Paris.
E MUNICH 94.50 N Naylor.
W MUNICH 124.60 and 149.60 S Rolph.
W NAPLES 324 N Newton.
E SEVILLE 124.50 N Naylor.
E SEVILLE 114.11 S Rolph.
E WHEELER AVE 175 and 207 N Bay Shore Ave.
NE WHEELER AND BAY SHORE Ave.
7 WHEELER 112½ N Bay Shore Ave. Eleven one-story and basement frame dwellings.
Owner—Crocker Estate Co., 525 Crocker Bldg., San Francisco.
Architect—None.
Contractor—A. M. Samuelson, 290 Rolph St., S. F. $3000 each

DWELLING
(1609) E FORTY-FIRST AVE 100 N Fulton. One-story and basement frame dwelling.
Owner — Domenic Tiscornia, 75 Moda Ave., San Francisco.
Architect—None. $3000

DWELLINGS
(1610) W NOE 39 and 89 S Jersey. Two one-story and basement frame dwellings.
Owner—Axel R. Larson, 2027 Judah St., San Francisco.
Architect—None. $4000 each

DWELLING
(1611) W NOE 64 S Jersey. One-story and basement frame dwelling.
Owner—Axel R. Larson, 2027 Judah St., San Francisco.
Architect—None. $4000

ADDITION
(1612) NO. 535 NORTH POINT ST. Add three rooms for office quarters
Owner—Joseph Musto Sons-Keenan Co. Premises.
Architect—None. $1200

APARTMENTS
(1613) NE JACKSON AND BAKER. Cement plaster exterior of apartment house.
Owner—Leland Murphy, 129 Sutter St., San Francisco.
Architect—None.
Contractor—Wm. G. Gilmour, 180 Jessie St., San Francisco. $1500

ALTERATIONS
(1614) NO. 37-39 POND ST. Raise flats and alter for basement garage; cement floor and new foundation.
Owner—C. Darriman, 39 Pond St., San Francisco.
Architect—None.
Contractor—P. J. Hurley, 146 Herman St., San Francisco. $4000

APARTMENTS
(1615) NE FRANCISCO AND VAN Ness Ave. Three-story and basement frame (9) apartments.
Owner—J. A. Hart & F. E. Burmeister, 1063 Brannan St., San Francisco.
Architect—E. H. Denke, 1317 Hyde St., San Francisco. $18,000

FACTORY
(1616) N SIXTEENTH bet. Harrison and Alabama. Two-story and basement brick and steel factory.
Owner—Richard Hellmann, Inc., 576 Mills Bldg., San Francisco.
Engineer—John K. Turton Co., 101 Park Ave., New York, N. Y. $90,000

WAREHOUSE
(1617) SE KANSAS AND TWENTY-fourth. Four-story concrete warehouse.
Owner — Bass-Hueter Paint Co., 816 Mission St., San Francisco.
Architect—A. A. Pyle and Barrett & Hilp, 918 Harrison St., S. F.
Contractor—Barrett & Hilp, 918 Harrison St., S. F. $54,000

VESTIBULE
(1618) POWELL AND MARKET STS. (Flood Bldg) Construct new vestibules; alter store front.
Owner—Bear Fur Co., 946 Market St., San Francisco.
Architect—None.
Contractor—Oliver Duval & Son., 216 Dalziel Bldg., Oakland. $6000

ADDITION
(1619) NO. 4133 EIGHTEENTH ST. Enlarge dining room and kitchen and add toilet and store room for restaurant.
Owner—Charles Silvistrini, 4133 18th St., San Francisco.
Architect, Designer & Contractor—V. Masarie, 1121 Wisconsin St., S. F. $1000

STORES
(1620) N ULLOA 90 E Claremont Blvd. 2-story frame (2) stores.
Owner—St. George Holden, 308 Crocker Bldg., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.
Contractor—Wm. L. Terry, 1456 Willard St., San Francisco. $4750

REPAIRS
(1621) SW BROADWAY & FRANKlin, 1701 Broadway. Repairs to bldg damaged by fire.
Owner—Hattie Peiser, 248 Russ Bldg., San Francisco.
Architect—Alfred L. Vezina, 68 Post St. San Francisco.
Contractor — John Diestel, 248 Russ Bldg., San Francisco.
Filed April 23, 1923. Dated April 16, 1923.
Roof completed $2500
Plastering completed 2500
Carpenter work completed 2500
Completed and accepted ... 2657.95
TOTAL COST, $10,157.95
Bond, $6000; Sureties, S W Band & Anthony E. Boicelli; Forfeit, none; Limit, 40 days. Plans and specifications filed.

APTS & STORE
(1622) N GEARY 95 W 22nd Ave. All work for 3-story frame apartment and store building.
Owner—Lucian R. Gruss.
Architect—H. C. Baumann & Edw. Jose, 251 Kearny St., San Francisco.
Contractor—Meyer Bros., 5324 Geary St., San Francisco.
Filed April 23, 1923. Dated Apr 17, 1923.
Roof sheathing on $4465.75
Brown coated 4465.75
Completed and accepted 4465.75
Usual 35 days 4465.75
TOTAL COST, $17,863
Bond, $8931.50; Sureties, Theodore Meyer and Anna Meyer; Forfeit, none; Limit, 90 days; Plans and specifications filed.

ALTERATIONS
(1623) NO. 1324 WILLARD ST. All work for alterations and additions to residence.
Owner—Mr. and Mrs. Geo. A. Rankin, Premises.
Architect — Henry Shermund, Hearst Bldg., San Francisco.
Contractor—Jack Callaghan, 900 Clayton St., San Francisco.
Filed April 23, '23. Dated Apr. 18, '23.
Roughing in completed.....$750
Plastering completed 750
Completed and accepted..... 750
Usual 35 days..... 750
TOTAL COST, $3100
Bond, $1500. Surety, H. D. Callaghan. Limit, 60 days. Forfeit, none. Plans and specifications filed.

FRAME BLDG.
(1624) S EAST PARK ST, 254 W Andover Ave W 25xS 100 Ptn Lot 20 Blk 7, Holly Park Tract. All work for one-story and basement frame building.
Owner—Nellie T. Wanderer (fmly. Horsch) and Eugene Wanderer.
Architect—Evans & Co., Pacific Bldg., San Francisco.
Contractor—Paul Piper and Ebert Thomson, 162 Randall St., San Francisco.
Filed Apr. 23, '23. Dated Apr. 19, '23.
Frame up $1287.50
Brown coated 1287.50
Completed and accepted..... 1287.50
Usual 35 days..... 1287.50
TOTAL COST, $5150.00
Bond, $2575. Surety, The Fidelity & Casualty Co. of N. Y. Limit, 75 days. Forfeit, $2. Plans and specifications filed.

ALTERATIONS
(1625) NO. 405 GOLDEN GATE AVE. Remodel front; erect plaster partitions; install plumbing and electric work for telegraph office.
Owner—Western Union Telegraph Co., 49 Geary St., San Francisco.
Plans by Owner. $1800

UNDERPIN
(1626) NO. 540 MISSION. Underpin with 21-in. brick wall.
Owner—Ella B. Rosenfeld. % L. Mensor 2565 Washington St., S. F.
Architect—None.
Contractor — Pearson & Johnson, 2031 Bryant St., San Francisco. $1600

DWELLING
(1627) NE PRIM AND RHINE. One and one-half-story and basement frame dwelling.
Owner—Charles Gust, 45 Shakespeare St., San Francisco.
Architect—Wm. F. Lovell. 605 Waller St., San Francisco. $2000

DWELLING
(1628) N UNDERWOOD 100 E Lane. One-story and basement frame dwelling.
Owner — Joseph Lurkin, 1540 Thomas Ave., San Francisco.
Architect—T A. Sourid, 1733 Palou Av., San Francisco. $1800

FRAME FLATS
(1629) N LAKE 80 W Twelfth Ave. Two-story and basement frame (2) flats.
Owner—John Kahlmoos.
Architect—E. A. Neumarkel, 544 Market St., San Francisco.
Contractor—H. J. Hansen, 302 Kearny St., San Francisco. $11,000

DWELLING
(1630) E FORTY-SIXTH AVE 90 S Anza. One-story and basement frame dwelling.
Owner—H. C. Keenan, 639 45th Ave., San Francisco.
Architect—None. $4000

DWELLINGS
(1631) S SILVER AVE 48-11, 78-8 and 101-5 W Charter Oak Ave. Three one-story and basement frame dwellings.
Owner—Ray Allen, 1325 Mission St., San Francisco.
Architect—None. $5000 each

REPAIRS
(1632) NO. 938-5-7-9 CAPP. Raise 4 4-room dwellings, and make general repairs; cement basements, etc.
Owner—F. C. Hamilton, 65 Norwich St., San Francisco.
Architect—E. B. Hamilton, 65 Norwich St., San Francisco.
Contractor—E. B. Hamilton, 65 Norwich St., San Francisco. $2000

ADDITIONS
(1633) SE MARKET & SIXTEENTH. Erect plaster partitions for store; addition to mezzanine floor, etc.
Owner—Jacobs Bros. Cigar Co., SE Market and 16th Sts., S. F.
Architect—None.
Contractor—Louis Kragen, 661 Golden Gate Ave., S. F. $2000

FRAME FLATS
(1634) N CABRILLO 32-6 E Seventeenth Ave. Two-story and basement frame (2) flats.
Owner—V. Gulmas, 1828 Castro St., San Francisco.
Architect—None. $6900

FRAME FLATS
(1635) N WALLER 156-3 E Steiner. Two-story and basement frame (4) flats.
Owner—Adolph Miller, 2766 Mission St., San Francisco.
Architect—J. C. Hladik, 815 Monadnock Bldg., San Francisco. $7000

APARTMENTS
(1636) S CHESTNUT 192-6 E Webster Three-story and basement frame (6) apartments.
Owner—Alexandro Piazzo, 159 Sutter St., San Francisco.
Architect—None.
Contractor—J. G. Kincannon, 650 Church St., San Francisco. $20,000

APARTMENTS
(1637) NE HOWARD & LAFAYETTE. Three-story and basement frame (6) apartments.
Owner—Eugenio Erigero, 1688 Howard St., San Francisco.
Architect—John J. Foley, 770 5th Ave., San Francisco.
Contractor—Fred S. Johnson, Northern Hotel, San Francisco. $22,000

STATIONS
(1638) NW PINE AND VAN NESS Ave. One-story steel "canopy" service station and one-story reinforced concrete auto supply station.
Owner—Standard Oil Co., 225 Bush St., San Francisco.
Plans by Owner. $1500 each

ALTERATIONS
(1639) NW GROVE AND COLE. All work for alterations and additions of a two-story residence into flats.
Owner—Joseph G. Moitoza Jr., 61 Cole St., San Francisco.
Architect—C. S. McNally, 661 Golden Gate Ave., San Francisco
Contractor—F. A. Lorenz, 182 5th St., San Francisco.
Filed April 24, '23. Dated April 7, '23.
Tar and gravel roof on and bay windows framed $1459.87
Plastering done 1459.88
Completed and accepted..... 1459.87
Usual 35 days..... 1459.88
TOTAL COST, $5839.50
Bond, $2918.75. Sureties, J. F. W. Unfing and Edw. Martin. Limit, 60 days. Forfeit, none. Plans and specifications filed

FRAME FLATS
(1640) E SAN JOSE AVE 482 N 29th. Two-story and basement frame (2) flats.
Owner — A. H. Binning, 663 San Jose Ave., San Francisco.
Architect—None.
Contractor—J. W. Gillogley, 745 San Jose Ave., San Francisco. $8000

DWELLING
(1641) NW MOULTON & WEBSTER. One-story and basement frame dwelling.
Owner—V. Leateno, 122 Moulten St., San Francisco.
Plans by Contractor.
Contractor—V. Maffei, 1230 Chestnut St., San Francisco. $3650

DWELLINGS
(1642) W THIRTY-SIXTH AVE 150, 175, 200 and 225 S Lincoln Way. Four one-story & basement frame dwellings.
Owner—John E. McCarthy, 1479 12th Ave., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco. $3000 each

APARTMENTS
(1643) NW TWENTY-THIRD AVE & Fulton. Two-story and basement frame (4) apartments.
Owner—Mr. and Mrs. Thos. Brody, 2119 Fillmore St., San Francisco.
Architect—Alvin J. Stern, 742 Market St., San Francisco.
Contractor—O. Heyman & Bros., 742 Market St., San Francisco. $15,000

FRAME FLATS
(1644) S CABRILLO 107-6 W Twenty-third Ave. Two-story and basement frame (2) flats.
Owner—O. Heyman & Bro., 742 Market St., San Francisco.
Architect—Alvin J. Stern, 742 Market St., San Francisco. $5000

ALTERATIONS
(1645) S GOLDEN GATE AVE — W Jones. Construct shaft and install automatic electric passenger elevator.
Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.
Architect—D. E. Graham, 1100 Franklin St., San Francisco.
Contractor—Behm Co., — Oak St., San Francisco. $5000

COMPLETION NOTICES

SAN FRANCISCO

Recorded Accepted

April 18, 1923—S LARKIN bet. Geary and Post 23x60 No. 920 Larkin. Eph. Weiss to G P W Jensen.....April 17, 1923
April 19, 1923—W MISSION 40 S 22nd S 40xW 125. Clarke Estate to Vukicevich & Bagge....Apr. 13, 1923
April 19, 1923—N CLEMENT 70 E Funston Ave 25x100. S E Wienberg to Gus Wallen...April 18, 1923
April 19, 1923—E TWENTIETH AVE 325 N Geary N 25xE 120. Josephine F Melbourne to Hamilton & Costello.....Feb. 7, 1923
April 19, 1923—LOTS 10 AND 3 BLK 24, Crocker Amazon Tract. E J Hargrave to whom it may concern .....April 18, 1923
April 19, 1923—S SUTTER 45-10 E Taylor E 45-10xS 81-8. Mortimer A Samuel to Knittle Cashel Co, Apr. 15; Frank Davison, Apr. 16; R Zelinsky, Apr. 15; G P W Jensen, Apr. 17; Frank J Klimm...April 15, 1923
April 20, 1923—N PAUL AVE and Int Western line r-of-w S P R R N 950 W 350 S to N Paul Ave 950 th 350 alg Paul Ave to beg. General Mfg. Co to George Wagner.....April 15, 1923
April 20, 1923—E SIXTH 85 N Folsom N 25xE 57-6. Elias A Lobree to Olson & Peterson...April 19, 1923
April 20, 1923—W CAPITOL AVE 250 S De Montford Ave S 50x112-6. Oscar W Lind to whom it may concern.....April 19, 1923
April 20, 1923—NE YOSEMITE AVE 225 NW Lane NW 25xNE 100. Jimi Pernio and Salvatore Posatoro to whom it may concern. April 16, 1923
April 20, 1923—S FALLON PLACE 79-0¾ E Taylor E 64-6xS 50. Abel Alberigi to Mattock & Feasey.....April 10, 1923
April 21, 1923—E SECOND AVE 250 S Balboa. A and Teresa Cousani to Cox Bros.....Feb. 21, 1923
April 21, 1923—E FIFTEENTH AVE 277.45 N Kirkham N 27xE 127-6. Lewis & Worswick Co to Jack Callaghan.....April 21, 1923
April 23, 1923—N VALLEJO 60 E Broderick N 107xE-6. Walter A. Haas to The Fink & Schindler Co.....April 21, 1923
April 23, 1923—LOTS 9, 10, 11, 12, 13 and 14 Blk "N" Mission Terrace. H S Thomson to whom it may concern.....April 23, 1923
April 23, 1923—N FULTON 57 E 18th Ave. Nicholas Prost to H C Christiansen.....April 23, 1923
April 23, 1923—W TWENTY-FIRST Av 275 S Geary S 25xW 120. Joseph C Kirby to whom it may concern .....April 23, 1923
April 23, 1923—LOT 20 BLK 23, St. Francis Wood Extn No. 2. Garden Homes Co to Allen & Co. Apr. 20, 1923
April 23, 1923—N CLARA 188-3 E Fifth 40-11x80. Mrs Jean E de Greayer to John Spargo. April 23, 1923
April 23, 1923—S CLEMENT 57-6 W 23rd Ave W 25xS 120. Herbert S Bibbero to Schultz Constr Co.....April 18, 1923
April 23, 1923—E FORTY-EIGHTH Ave 250 S Taraval S 75xE 120. Florence and Harry L Dale to Hamilton & Costello...April 14, 1923
April 23, 1923—SW FIFTH AVE & Cornwall. F E Emlay to whom it may concern.....April 1, 1923
April 23, 1923—W THIRTY-FIFTH Ave 75 N Anza N 25xW 100. Bertram A Cody to whom it may concern.....April 23, 1923
April 23, 1923—E FORTY-FOURTH Ave 100 S Lincoln Way 25x100. Oliver Ortley and Emily E O Vogt to whom it may concern. Apr. 23, 1923
April 24, 1923—E MINNESOTA 122-4 S Twenty-third S 77-8xE 124-1½. Gim Wing and Lim Wah to Gaston Pene.....April 24, 1923
April 24, 1923—W WILLARD 119-4½ N Parnassus Ave N 25x105-9. F Arthur Gawthorne to whom it may concern.....April 22, 1923
April 24, 1923—LOT 21 BLK 10, Amended Map Ingleside Terrace. J A and N Schas to Louis J Cohn.....April 24, 1923
April 24, 1923—LAND BDED BY MISsion, Silver Ave and Lisbon. Hebrew Home for Aged Disabled to I M Sommer & Co.....April 20, 1923
April 24, 1923—E PRESIDIO AVE 100 S California S 25xE 100. Dr F A Gawthorne to whom it may concern.....April 22, 1923
April 24, 1923—LAND BDED ON NW by Mission, on N by Silver Ave and on SE by Lisbon. Hebrew Home for Aged Disabled to Mangrum & Otter, Inc.....April 20, 1923
April 24, 1923—LOT 17 and N 25 ft. Lot 16 Blk 3252, Balboa Terrace. Adrian J and Marjorie R School to Boxton & Zwieg.....April 23, 1923
April 24, 1923—LOT 30 BLK 3166, Westwood Park. Walter E Hansen to whom it may concern. April 24, '23
April 24, 1923—SW PARNASSUS AVE and Cole 50x107-3½. John J Binet to whom it may concern. Apr 24, 1923
April 24, 1923—W TWENTY-FOURTH Ave 200 N Fulton N 25xW 120. Benjamin F Hinkel to whom it may concern.....April 23, 1923
April 24, 1923—S BALBOA 60 W 30th Ave W 25xS 95. William Costello to whom it may concern.....April 24, 1923
April 23, 1923—W TWENTY-THIRD Ave 200 N Anza. Wilbert C Edwards to Meyer Bros...April 20, 1923
April 25, 1923—LOT 7 BLK 21 Resub Blks 18 and 21 Ptn Blk 19 and Lots lettered P, Q, R, S, St. Francis Wood Extn No. 2. Mangels Bros to whom it may concern. Apr 24, 1923
April 26, 1923—150 N LAKE N 25 E 120 S 25. C E and C F Rice to whom it may concern...April 2, 1923
April 25, 1923—E TWENTY-THIRD Ave 225 N Ulloa N 25xE 120. Arvid Halsen to whom it may concern .....April 23, 1923
April 25, 1923—E THIRTY-FIFTH Ave 225 and 250 N Ulloa N 25x120. Parkside Realty Co of S. F. to whom it may concern..April 24, 1923
April 25, 1923—LOT ON CLAREMONT Court S Side Dorchester Way about 150 E Claremont Blvd on Lots 13 and 14 Blk 2986. Wm F and Frida Stapff to C A Hall....April 20, 1923

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Accepted

April 19, 1923—S BUSH 190 E Pierce E 36-6xS 137-6. California Door Co vs Geo A Williams, Gus Berndt and Annie Berndt $768
April 19, 1923—SE THIRTY-FIFTH Ave and Lincoln Way 30 on 35th Ave by 102.5. Carl Stendell vs J C Gibson, Florence Gibson and Leonard H Tyrrell $271.26
April 20, 1923—S CLEVELAND AND Seventh SE 75xNE 100. Wm Martin vs Greek Community of S F, Oakland and vicinity.....$8010
April 20, 1923—N SACRAMENTO 94-2 E Kearny E 21-8xN 59-6. C G Daniels vs Edw Denny. Edward Denny & Co and P H Edminster.....$96.50
April 20, 1923—SW NEWTON 145-2 SE Rolph SE 37-6xSW 100. H S Thomson vs Richard Goltzner.....$519.29
April 23, 1923—SW NEWTON 145.2 SE Rolph SE 37-6xSW 100. L J Michaels vs Richard Goltzner.$92.50
April 23, 1923—N ALMA 147-6 E Stanyan 153-10 W Shrader 30x120. J W Marsden vs I & Minnie Grant $1278.19

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded Amount

April 19, 1923—BLK BDED BY King Berry, Third and Fourth. Pope & Talbot, Robt Trost, Globe Indemnity Co, Unit Constr Co, W S Wetenhall Co, California Brick Co, John Cassaretto to Southern Pacific Co, Southern Pacific Railroad Co and Unit Constr Co.....
April 20, 1923—NE PACHECO AND Thirty-ninth Ave N 300xE 120. San Francisco and Los Angeles Realty to C A Henry.....
April 20, 1923—E VALENCIA 354.99 S Army S 75 E 103.39 NE 78.39 W 126.25. Emil Nelson, A Seghieri & Bro, Inc, P A Smith Co, Edwin T Peterson, Otto List, Acme Planing Mill, Collonan Elec & Mfg Co to A B Harrison, Brodofsky Bros, Dores Garage and Emil Nelson .....
April 20, 1923—W TWENTIETH AVE 225 N Ortega N 100xW 120. W L Nix to C A Eriesson and Aurora Eissler .....

Notice of Non Responsibility

SAN FRANCISCO COUNTY

April 18, 1923—N O'FARRELL 82-6 E Powell N and parl to Powell 137-6xE 55. A M and E F Turel as to improvements on property..
April 19, 1923—N HALE 200 E Merrill E 25xN 75. Sarah Weinstein as to improvements on property...
April 19, 1923—E BRUSSELS 100 S Wayland S 25xE 120. Jerome J Weinstein as to improvements on property .....
April 21, 1923—SW JONES & TURK W 137-6xS 137-6. E McLaughlin Estate Co, Inc as to improvements on property .....

CESSATION OF LABOR

SAN FRANCISCO COUNTY

April 21, 1923—COM. AT PT 108 S Caselli Ave and 498-10 W Douglas W 29-2 S 29 E 29-2 N 92. A A Merrifield with J C Gibson. Work ceased, March 13, 1923.
April 21, 1923—COM. AT PT. 108 S Caselli Ave and 528 W Douglas W 25xS 92. A A Merrifield with J C Gibson. Work ceased March 13, 1923

BUILDING CONTRACTS

ALAMEDA COUNTY

$1,000 and Over Reported

The following is an Index for the contracts for this issue:

No.	Owner	Contractor	Amt.
1870	Mead	Sommarstrom	2200
1871	Felt	Owner	2400
1872	Pond	Williford	7350
1873	Petry	Wieben	3750
1874	Daboirch	Owner	4785
1875	Grunwald	Cowart	2500
1876	Shanahan	Owner	1500
1877	Crowe	Crowe	3000
1878	Pond	Williford	7900
1879	Lunt	Fish	3900
1880	Kennedy	Robie	4750
1881	Hoy	Owner	10000
1882	Cross	Burke	3100
1883	Calif. School	Johnson	2650
1884	Baer	Yiek	1000
1885	Van Salsen	Kiltman	2500
1886	Falrna	Garella	2500

1887	Dorn	Schuler	8912
1888	Holst	Krause	1000
1889	Montgomery	Montgomery	7000
1890	Cross	Burks	3100
1891	Brown	Owner	3500
1892	Caudlin	Geddis	6400
1893	Dickenson	Owner	4000
1894	Marshall	Owner	5500
1895	Geade	Anderson	6000
1896	Herrlott	Owner	6000
1897	Dickerman	Owner	5000
1898	Adams	Knight	26000
1899	Lyon	Oakley	3250
1900	Christie	Texdahl	8260
1899	Werner	Owner	2500
1900	Peppin	Owner	7000
1901	Bunney	Lambrecht	4000
1902	Wilson	Owner	2000
1903	Earhart	Owner	3800
1904	Davis	Owner	3850
1905	Buhman	Owner	2800
1906	McCarty	Owner	2000
1907	Gibson	Lyon	4650
1908	Belden	Owner	2400
1909	Jordan	Pratt	5950
1910	Cullins	Yerrick	1439
1911	Matheyer	Owner	5000
1912	Matheyer	Matheyer	2750
1913	Matheyer	Matheyer	3000
1914	Matheyer	Matheyer	3000
1915	Young	Owner	4000
1916	McDonald	Perry	3500
1917	Johnson	Walker	7000
1918	Hanly	Fabing	5600
1919	Smith	Matteson	3300
1920	Muhoberace	Owner	3000
1921	Rathburn	Walker	6000
1922	Bjerke	Jansen	3500
1923	Dunan	Olson	3800
1924	Kramer	Kramer	6000
1925	Bokabind	Owner	2500
1926	Snook	McPhee	5915
1927	Thiele	Owner	500
1928	Burke	Gassett	8250
1929	Prawneder	Littlefield	9000
1930	Trathen	Parker	6000
1931	Falk	Owner	6500
1932	Shutes	Parker	8000
1933	eKane	Peppin	4000
1934	Pugh	Owner	5000
1935	Kesti	Owner	3500
1936	Keane	Peppin	4000
1937	Same	Same	4000
1938	McDahl	Kopf	6540
1939	Smith	Stewart	2500
1940	Wilson	Owner	4500
1941	Keeler	Owner	3000
1942	Schonig	Owner	2400
1943	Roberts	Fisk	5200
1944	Morse	Cox	2900
1945	Burns	Owner	3000
1946	Dunn	Morrison	3000
1947	McDermitt	Blome	7000
1948	Grant	Owner	11000
1949	Smith	Owner	3600
1950	Davis	Owner	5500
1951	Dahl	Owner	2000
1952	Dow	Steffens	2800
1953	O'Connell	Loughery	13500
1954	Brennan	Flittner	3600
1955	Wellesley	Mason	30000
1956	Denbigh	Owner	1200
1957	Siefert	Douglas	3000
1958	Marquis	Owner	3500
1959	Dondero	Beach	4500
1960	Marquiae	Owner	3250
1961	Perrott	Owner	5000
1962	Lucas	Owner	4000
1963	Ewald	Larmer	4700
1964	Vance	McWethy	5000
1965	Hoag	Fritz	1200
1966	Green	Long	7250
1967	Healy	Owner	3000
1968	Snook	Haskell	5670
1969	Blair	Blair	3000
1970	Brown	Owner	3000
1971	Owen	Owner	4900
1972	Progressive	Mullen	12681
1973	Hemenway	Owner	7000
1974	Back	Schmidt	5000
1975	Ardeleaun	Jacques	1500
1976	Brown	Owner	3500
1977	Krueger	Owner	3200
1978	McQuid	Lundgersen	6000
1979	Rockingham	Owner	3300
1980	Elvin	Owner	3250
1981	Friends	McCullough	2000
1982	Palmer	Randlett	4000
1983	Townsend	Owner	5000
1984	Brazier	Owner	9000
1985	Schussler	Owner	6000
1986	California	Maurice	43000
1987	Norris	Owner	6000
1988	Pfrang	Owner	4000
1989	Belcher	Briggs	5000
1990	Fish	Owner	4750
1991	Benson	Benson	1800
1992	Leeflang	Owner	3500
1993	Alameda	Owner	11000
1994	Payne	Owner	2500
1995	Madsen	Brophy	1500
1996	Pfrang	Owner	5000
1997	Page	Owner	15000
1998	Noe	Flittner	2360
1999	Progressive	Mullen	12687
2000	Collins	Yerrick	1439
2001	Heacock	Yerrick	2195

ADDITION
(1870) NO. 1352 PARK ST., Alameda. Addition.
Owner—J. O. Mead.
Architect—None.
Contractor—Sommarstrom Bros. Co., 306 14th St., Oakland. $2200

DWELLING
(1871) NO. 2322 JEFFERSON, Berkeley One-story 5-room dwelling.
Owner—R. D. Felt, 2432 McGee St., Berkeley.
Architect—None. $2400

DWELLINGS
(1872) NO. 1619 AND 1623 FIFTH ST. and NO. 470 PACIFIC AVE., Alameda. Three one-story 4-room dwellings.
Owner—Jessie P. Pond Co., Calistoga, Calif.
Architect—None.
Contractor — Howard Williford, 3265 Central Ave., Alameda. $2950 ea.

DWELLING
(1873) NO. 2512 LINCOLN AVE., Alameda. One-story 5-room dwelling.
Owner—Geo. Petry, 2510 Lincoln Ave., Alameda.
Architect—None.
Contractor—A. C. Wieben, 839 Rosemount Road, Oakland. $3750

DWELLING
(1274) NO. 724 SANTA CLARA AVE., Alameda. One-story 6-room dwlg.
Owner—D. and Dollie Dabeirch, 745 Central Ave., Alameda.
Architect—None. $4785

DWELLING
(1875) NO. 1107 FOUNTAIN ST., Alameda. One-story 3-room dwlg.
Owner—B. B. Grumwald.
Architect—None.
Contractor—Z. T. Cowart, 3275 Central Ave., Alameda. $2500

DWELLING
(1876) NO. 1354 COURT ST., Alameda. One-story 3-room dwlg.
Owner — M. S. Shanahan, 1715 Buena Vista Ave., Alameda.
Architect—None. $1500

DWELLING
(1877) NO. 2518 ENCINAL AVE., Alameda. One-story 5-room dwelling.
Owner—Harold E. Crowe, 2705 Central Ave., Alameda.
Architect—None.
Contractor—O. T. Crowe, Hayward. $3000

DWELLINGS
(1878) NO. 1617 AND 1627 FIFTH St., Alameda. Two one-story 5-room dwellings.
Owner—Jessie Pond Co., Calistoga, Cal.
Architect—None.
Contractor — Howard Williford, 3265 Central Ave., Alameda. $3950 ea.

DWELLING
(1879) NO. 1340 ST. CHARLES ST., Alameda. One-story 5-room dwlg.
Owner—Geo. D. Lunt, 2418 Central Ave., Alameda.
Architect—None.
Contractor—M. H. Fish, 1333 Fountain St., Alameda. $3900

DWELLING
(1880) NO. 1188 ARCH ST., Berkeley. One-story 5-room dwelling.
Owner—M. P. and J. Kennedy, 1192 Arch St., Berkeley.
Architect—None.
Contractor—H. W. Roble, 1061 Annerly Road, Piedmont. $4750

STORES, ETC.
(1811) NO. 2027-29 SAN PABLO AVE., Berkeley. Two-story reinforced concrete stores and lofts.
Owner—S. B. Hoy, 1006 University Ave., Berkeley.
Architect—Geo. Rushforth, 354 Pine St., San Francisco. $10,000

DWELLING
(1882) 5751 ADELINE ST., Oakland. 1-story 5-room dwelling and garage.
Owner—R. H. Cross, Berkeley.
Architect—None.
Contractor — C. E. Burks, 4129 Randolph Ave., Oakland. $3100

SCHOOL
(1883) S CLIFTON 304 E Broadway, Oakland. 2-story 5-room school.
Owner—Calif. School of Arts & Crafts. 2119 Allston Way, Berkeley.
Contractor — Christian Johnson, 5212 Broadway, Oakland. $2650

ALTERATIONS
(1884) 609 OAK, Oakland. Alterations.
Owner—M. Baer.
Architect—None.
Contractor—Frank Yick, 800 Webster St., Oakland. $1000

DWELLING
(1885) 2917 PERALTA AVE., Oakland 1-story 5-room dwelling.
Owner—H. Von Salsen, 2932 Nicol Ave. Oakland.
Architect—None.
Contractor—W. W. Hiltman, 1718 81st Ave., Oakland. $2500

DWELLING
(1886) 453 THIRTY-EIGHTH ST., Oakland. 1-story 4-room dwelling.
Owner—T. Faima, 890 43rd St., Oakland
Architect—None.
Contractor—P. Garella, 870 47th St., Oakland. $2500

RESTAURANT
(1887) N THIRD ST. 50 E Broadway, Oakland. 1-story 2-room conc restaurant.
Owner—Hyman Davis, 1503 Oak, Oakland.
Architect—None.
Contractor—Schuler & McDonald, 308 12th St., Oakland. $8912

ALTERATIONS
(1888) 4123 PIEDMONT AVE., Oakland. Alterations.
Owner—H. Holst, 4119 Piedmont Ave., Oakland.
Architect—None.
Contractor—M. Krause, 2106 Lincoln Ave., Alameda. $1000

DWELLING
(1889) S BUENA VISTA AVE 400 E of Accacia St., Oakland. 1-story 5-room dwelling.
Owner—G. B. Montgomery, 727 56th St. Oakland.
Architect—None.
Contractor—G. B. Montgomery, 727 56th St., Oakland. $7000

DWELLING
(1890) 948 FIFTY-FIFTH ST., Oakland. 1-story 5-room dwelling and 1-story garage.
Owner—R. H. Cross, Berkeley.
Architect—None.
Contractor—C. E. Burks, 4129 Randolph Ave., Oakland. $3100

DWELLING
(1831) 1428 HOPKINS, Oakland. 1-story 6-room dwelling.
Owner—Brown & Stenbro, 1707 Broadway, Oakland.
Architect—None. $3500

DWELLING
(1892) 4664 PARK BLVD., Oakland. 1-story 5-room dwelling.
Owner—A. C. Candlin, Oakland.
Architect—None.
Contractor—S. R. Geddis, 1005 Franklin St., Oakland. $6400

DWELLING
(1893) 297-A PERKINS ST., Oakland. 1-story 5-room dwelling.
Owner—O. A. Dickenson, 203 Syndicate Bldg., Oakland.
Architect—None. $4000

DWELLING
(1894) 6312 FLORIO ST., Oakland. 1-story 5-room dwelling.
Owner—H. Marshall, 568 Sycamore St., Oakland.
Architect—None. $5500

STORES
(1895) SE COR. COLLEGE & CHABOT Rd., Oakland. 1-story (2) stores.
Owner—Sylvan Geade, Rosal Ave., Okd.
Architect—None.
Contractor—Geo. W. Anderson, 251 Perkins, Oakland. $6000

DWELLING
(1896) S HUBERT RD. 200 W Sunnyhill Rd., Oakland. 1½-story 7-rm. Dwelling.
Owner—Chas. C. Herriott, 1919 High St. Oakland.
Architect—None. $6000

DWELLING
(1897) 297 PERKINS, Oakland. 1-sto. 6-room dwelling.
Owner—A. W. Dickerman, 203 Syndicate Bldg., Oakland.
Architect—None $5000

APARTMENTS
(1898) NW COR. TENTH & MADISON St., Oakland. 3-story 26-room apts.
Owner—F. E. Adams, 2265 Powell Blvd. Alameda.
Architect—None.
Contrtactor—Harry C. Knight, 388 12th St., Oakland. $26,000

DWELLING
(1899) BURR AVE. W Thermal Ave., Oakland. 1-story 4-room dwelling.
Owner—D. L. Lyon, 3410 Andover St., Piedmont.
Architect—None.
Contractor—Oakley & Kolmodin, 1911 65th Ave., Oakland.
Filed April 19, 1923. Dated Apr. 19, 1923.
Frame up ..... ¼
Brown coated ..... ¼
Completed and accepted ..... ¼
Usual 35 days ..... ¼
TOTAL COST, $3250
Bond, Sureties, Forfeit, Limit, Plans and Specifications, none.

DWELLING
(1900) W SHATTUCK AVE Nr. Los Angeles St., Berkeley. 2-story 8-room dwelling.
Owner—A. W. Christie, 2311 Rose Terrace, Berkeley.
Architect—None.
Contractor—C. Texdahl, 5375 Belgrave Place, Oakland.
Filed April 19, 1923. Dated Mar. 9, 1923.
Frame up ..... ¼
Brown coated ..... ¼
Completed and accepted ..... ¼
Usual 35 days ..... ¼
TOTAL COST, $8260
Bond, Sureties, Forfeit, none; Limit, 80 days; Plans and specifications filed.

DWELLING
(1899) NO. 1233 DWIGHT WAY, Berkeley. One-story 5-room dwlg.
Owner—Chas. A. Werner, 2416 10th St., Berkeley.
Architect—None. $2500

DWELLING
(1900) 991 VERMONT ST., Oakland. 2-story 8-room dwelling.
Owner—Guy B. Peppin, 2918 Telegraph Ave., Berkeley.
Architect—None. $2000

DWELLING
(1901) 2706 FIFTY-FIFTH AVE. Oakland. 1-story 5-room dwelling.
Owner—Chas. Bunney.
Architect—None.
Contractor—Vigo Lambrecht, 1938 89th Ave., Oakland. $4000

DWELLING
(1902) 3812 MARION AVE., Oakland. 1-story 4-room dwelling.
Owner—A. H. Wilson, 3201 38th Ave., Oakland.
Architect—None. $2000

DWELLING
(1903) 1319 E-THIRTY-FOURTH ST., Oakland. 1-story 5-room dwelling.
Owner — C. E. Earhart, 6417 Harmon Court, Oakland.
Architect—None. $3800

DWELLING
(1904) 3527 WILSON AVE., Oakland. 1-story 6-room dwelling.
Owner—Geo. B. Davis, 3285 Hyde St., Oakland.
Architect—None. $3850

DWELLING
(1905) 5421 CRITTENDEN ST., Oakland. 1-story 4-roof dwelling.
Owner—A. P. Buhman, 1605 54th Ave., Oakland.
Architect—None. $2800

ADDITION
(1906) NW COR. HIGH ST. & FOOTHILL Blvd., Oakland. 1-story addition to garage.
Owner—F. E. McCarty, 4280 Foothill Blvd., Oakland.
Architect—None. $2000

DWELLINGS
(1907) E-SIXTY-SIXTH AVE. 900 & 950 N Trenor St., Oakland. 2 1-sto. 4-room dwellings.
Owner—E. C. Gibson, 1623 64th Ave., Oakland.
Architect—None.
Contractor—C. D. Lyon, 313 Mills College P. O., $2325 ea.

ADDITION & STORES
(1908) E PIEDMONT AVE. 66 S Entrada Ave., Oakland. add to stores.
Owner—H. B. Belden, 1437 Broadway, Oakland.
Architect—None. $2400

DWELLING
(1909) 1200 HOLLYWOOD, Oakland. 2-story 6-room dwelling.
Owner—Louise Jordan, 2900 E-22nd St., Oakland.
Architect—None.
Contractor—H. S. Pratt, 4605 El Centro Ave., Oakland. $5950

ADDITION
(1910) 3906 CANON AVE., Oakland. Addition.
Owner—R. J. Cullins, premises.
Architect—None.
Contractor—A. J. Yerrick, 5255 College Ave., Oakland. $1439

DWELLINGS
(1911) SE COR. MORCOM & NORmandie.
E MORCOM 35 N Birdsall, Oakland. 2 1-story 4-room dwellings.
Owner—T. B. Matheyer, 1369 Hopkins St., Oakland.
Architect—None. $2500 ea.

DWELLINGS
(1912) SE COR. BIRDSALL & MORcom, Oakland. 2 1-story 5-room dwellings.
Owner—Jennie Matheyer.
Architect—None.
Contractor—T. B. Matheyer Co., 1369 Hopkins St., Oakland. $2750 ea.

DWELLING
(1913) E KINGSLAND 35 S Brookdale Oakland. 1-story 5-room dwelling.
Owner—T. B. Matheyer Co., 1369 Hopkins St., Oakland.
Architect—None. $3000

DWELLING
(1914) S NORMANDIE 90 E Morcom, Oakland. 1-story 4-room dwelling.
Owner—T. B. Matheyer Co., 1369 Hopkins St., Oakland.
Architect—None. $2400

DWELLING
(1915) 211 JOHN ST., Oakland. 1-story 5-room dwelling.
Owner—Jas. H. Young, 4174 Emerald St., Oakland.
Architect—None. $4000

DWELLING
(1916) 2424 TENTH AVE., Oakland. 1-story 5-room dwelling.
Owner—A. McDonald, 233 Haight Ave., Alameda.
Architect—None.
Contractor—J. Floyd Perry, 233 Haight Ave., Alameda. $3500

DWELLING
(1917) 1584 EXCELSIOR, Oakland. 1-story 8-room dwelling.
Owner—K. Johnson, 828 56th St., Oakland.
Architect—None.
Contracto—W. A. Walker, 545 17th St., Oakland. $7000

DWELLING
(1918) NW COR. E-FIFTEENTH AND 12th Ave., Oakland. 1-story 6-room dwelling.
Owner—B. Hanly, 1122 E-14th St., Okd.
Architect—None.
Contractor—F. N. Fabing, 1838 5th Ave. Oakland. $5600

DWELLING
(1919) E CHAMPION 90 S Pleasant Oakland. 1-story 4-room dwelling.
Owner—Loretta I. Smith, SW Corner Champion & Pleasant.
Architect—None.
Contractor—E. T. Matteson, 3629 Laguna, Oakland. $3300

DWELLING
(1920) 2437 SIXTY-SEVENTH AVE., Oakland. 1-story 5-room dwelling.
Owner—John Muloberace, Hayward.
Architect—None. $3000

DWELLING
(1921) NO. 1691 HOPKINS ST., Oakland. One-story 7-room dwelling.
Owner—Chas. T. Rathburn, 3300 Wisconsin St., Oakland.
Architect—None.
Contractor—W. A. Walker, 545 17th St., Oakland. $6000

DWELLING
(1922) NO. 1215 FIFTY-FOURTH AV., Oakland. One-story 5-room dwlg.
Owner—B. J. Bjerke, 1215 54th Ave., Oakland.
Architect—None.
Contractor—R. N. Jansen, 1223 54th Ave., Oakland. $3500

FLATS
(1923) NO. 4519-23 BOND ST., Oakland. Two-story 7-room flats.
Owner—Enrely A. Dunan, 1704 55th Ave., Oakland.
Architect—None.
Contractor—A. Olson, 1704 55th Ave., Oakland. $3800

DWELLINGS
(1924) NO. 2833-35-37 EASTMAN AVE. Oakland. Three 4-room dwellings
Owner—Harda Kramer, 2841 Eastman Ave., Oakland.
Architect—None.
Contractor—A. T. Kramer, 3906 Allendale Ave., Oakland. $2000 each

DWELLING
(1925) E SIXTY-NINTH AVE 1600 S Weld St., Oakland. One-story 4-room dwelling.
Owner—Chris. Bokabind, 1343 51at Av., Oakland.
Architect—None. $2500

DWELLINGS
(1926) NW EVERETT AND WELLington Aves., Oakland. All work for two one-story 4-room dwellings
Owner—Minnie H. Snook, 3766 Piedmont Ave., Piedmont.
Architect—None.
Contractor—Albert A. Haskell and A. McPhee, 4331 Montgomery St., Oakland.
Filed April 21, '23. Dated April 19, '23.
Enclosed ..... ¼
Plastered ..... ¼
Completed ..... ¼
Usual 35 days ..... ¼
TOTAL COST, $5915
Bond, $2957.50. Sureties, Frank M. Clausen and Wm. A. Bresaler. Limit, 70 days. Forfeit, $5. Plans and specifications filed.

RESIDENCE
(1927) NO. 34 BLAIR AVE., Piedmont. One-story 5-room dwelling and garage.
Owner—F. J. Thiele, 2905 Madison St., Alameda.
Architect—None. $5000

DWELLING
(1928) NO. 230 OAKLAND AVE., Piedmont. Two-story 8-room dwelling.
Owner—Dr. J. L. Burke.
Architect—None.
Contractor—C. A. Gossett, 327 Davis St., San Leandro. $8250

DWELLING
(1929) NO. 14 WOODLAND WAY, Piedmont. One-story 6-room dwelling.
Owner—Mrs. C. Frawnedor, 335 8th St., Oakland.
Architect—None.
Contractor—R. W. Littlefield, 12th and Webster St., Oakland. $9000

DWELLING
(1930) NO. 29 ESTRELLA AVE., Piedmont. Two-story 6-room dwelling and garage.
Owner—A. H. Trathen, Syndicate Bldg. Oakland.
Architect—None.
Contractor—Jos. Parker, 944 E-14th St., Oakland. $6000

DWELLING
(1931) NO. 1620 LOWER GRAND AV. Piedmont. One-story 6-room dwlg.
Owner—Henry Falk, 1958 San Pablo Ave., Oakland.
Architect—None. $6500

DWELLING
(1932) NO. 62 LAKE VIEW AVE., Piedmont. Two-story 8-room dwlg. and garage.
Owner—Dr. M. Shutes, American Bank Bldg., Oakland.
Architect—None.
Contractor—Jas. Parker, 944 E-14th St., Oakland. $8000

DWELLING
(1933) NO. 1701 HOPKINS ST. Berkeley. One-story 5-room dwelling.
Owner—Alice M. Keane, 2918 Telegraph Ave., Berkeley.

Architect—L. F. Hyde, 2745 26th Ave., Oakland.
Contractor—Guy B. Peppin, 2918 Telegraph Ave., Berkeley. $4000

DWELLING
(1934) NO. 2 INDIAN ROCK PATH, Berkeley. One-story 7-room dwlg.
Owner—C. E. Pugh, 596 22nd St., Oakland.
Architect—None. $5000

DWELLING
(1935) NO. 929 COLUSA, Berkeley. One-story 5-room dwelling.
Owner—David Kesti, 2131 Curtis St., Berkeley.
Architect—None. $3500

DWELLING
(1936) NO. 1709 HOPKINS ST., Berkeley. One-story 5-room dwlg.
Owner—J. P. Keane, 2318 Telegraph Ave., Berkeley.
Architect—L. F. Hyde, 2745 26th Ave., Oakland.
Contractor—G. B. Peppin, 2318 Telegraph Ave., Berkeley. $4000

DWELLING
(1937) NO. 1705 HOPKINS ST., Berkeley. One-story 5-room dwlg.
Owner — T. J. Keane, 2318 Telegraph Ave., Berkeley.
Architect—L. F. Hyde, 2745 26th Ave., Oakland.
Contractor—G. B. Peppin, 2318 Telegraph Ave., Berkeley. $4000

DWELLING
(1938) 1060 EXCELSIOR AVE., Oakland. 1½-story 6-room dwelling.
Owner—W. A. & M. C. Dahl, 1st Ave., Oakland.
Architect—None.
Contractor—Ben F. Kopf, 845 Pacific Ave., Alameda. $6540

DWELLING
(1939) N BECK 156 W 67th Ave., Oakland. 1-story store and dwelling.
Owner—W. A. Smith, 510 Page St., S. F.
Architect—None.
Contractor—M. A. Stewart, 3044 Capp St., Oakland. $2500

DWELLING
(1940) 2906 MADERA AVE., Oakland. 1-story 6-room dwelling.
Owner—W. B. Wilson, 3565 Fruitvale Ave., Oakland.
Architect—None. $4500

DWELLING
(1941) NE COR WATERHOUSE RD. and Castelina Rd., Oakland. 1-sto. 5-room dwelling.
Owner—Wm. N. Keeler, R. F. D. Box 2383, Oakland.
Architect—None. $3000

DWELLINGS
(1942) 2023 & 2027 EIGHTIETH AVE., Oakland. 2 1-story 3-room dwlgs.
Owner—A. Schomig, 2180 45th Ave. Okd
Architect—None. $1200 ea.

DWELLING
(1943) 4020 KANSAS, Oakland. 1-sto. 4-room dwelling.
Owner—T. Roberts, 3717 39th Ave., Okd.
Architect—None
Contractor—A. F. Fisk, 3807 39th Ave., Oakland. $2200

DWELLING
(1944) 2482 SIXTY-SEVENTH AVE., Oakland. 1-story 5-room dwelling.
Owner—E. P. Morse, 301 Hugo St., S. F.
Architect—None.
Contractor—Martin Cox 940 37th Ave., Oakland. $2900

DWELLING
(1945) 2182 THIRTY-EIGHTH AVE., Oakland. 1-story 5-room dwelling.
Owner—C. G. Burns, 2191 39th Ave., Oakland.
Architect—None. $3000

DWELLING
(1946) 1125 SEVENTY-EIGHTH AVE., Oakland. 1-story 5-room dwelling.
Owner—Mrs. Jas. Dunn, 1610 Central Ave., Alameda.
Architect—None
Contractor—W. K. Morrison, 1548 Verdi St., Alameda. $3000

FLATS
(1947) 2167-69-71 SIXTY-THIRD AVE., Oakland. 2-story 12-room flats.
Owner—Mrs. D. F. McDermitt, 2167 63rd Ave., Oakland
Architect—None.
Contractor—C. Blome, 2014 83rd Ave., Oakland. $7000

FLATS
(1948) 701-7 AILEEN ST., Oakland. 2-story 12-room flats.
Owner—C. N. Grant, 764 56th St., Okd.
Architect—None. $11,000

DWELLING
(1949) 7701 FOOTHILL BLVD., Oakland. 1-story 5-room dwelling.
Owner—R. A. Smith, 1757 82nd Ave., Oakland.
Architect—None. $3600

DWELLING
(1950) 785 LERIDA AVE., Oakland. 1½-story 7-room dwelling.
Owner—Samuel Burns Davis, 367 50th St., Oakland.
Architect—None. $5500

DWELLING
(1951) 1333 E-TWENTY-THIRD ST., Oakland. 1-story 4-room dwelling.
Owner—E. W. Dahl, 2435 E-24th St., Oakland.
Architect—None. $2000

DWELLING
(1952) E-SIXTY-FOURTH AVE. 250 N Avenal, Oakland. 1-story 5-room dwelling.
Owner—H. R. Dow, 3330 E-14th St., Oakland.
Architect—None.
Contractor—G. W. Steffens, 1941 Crosby Ave., Oakland. $2800

APARTMENTS
(1953) LOTS 18 & 19 MAP RESUB division Montgomery Tract., Oakland. 2-story 12-room apts.
Owner—John J. & Nora O'Connell, Okd.
Architect—None.
Contractor—J. F. Loughery, 705 31st St. Oakland.
Filed April 23, 1923. Dated Apr. 21, 1923.
Frame up ..... ¼
Brown coated ..... ¼
Completed and accepted ..... ¼
Usual 35 days ..... ¼
TOTAL COST, $13,500
Bond, $6750; Sureties Ellen & Elizabeth Loughery; Forfeit, $1 day; Limit, 90 days; Plans and specifications filed.

DWELLING
(1954) W WILSON AVE 86 S Hopkins St. S 40-7 W 100 Oakland. 1-story 5-room dwelling and garage.
Owner—Emma Brennan, 210 Church St., San Francisco.
Architect—None.
Contractor—Jos Flitner, 1700 35th Ave. Oakland.
Filed April 23, 1923. Dated Apr. 23, 1923.
Frame up ..... ¼
Brown coated ..... ¼
Completed and accepted ..... ¼
Usual 35 days ..... ¼
TOTAL COST, $3600
Bond, none; Sureties, none; Forfeit, $1 day; Limit, 90 days from April 17; Plans and specifications filed.

APARTMENTS
(1955) NO. 2631-3-5-7 DURANT ST., Berkeley. Two-story 30-room apartments.
Owner—E. C. C. Wellesley, S. F.
Architect—None.
Contractor—Mason-McDuffie Co., Shattuck and Addison Sts., Berkeley. $30,000

STORE
(1956) NO. 1917 ALLSTON WAY, Berkeley. One-story store.
Owner—B. K. Denbigh, 2171 Shattuck Ave., Berkeley.
Architect—None. $1200

DWELLING
(1957) NO. 1515 BEVERLY, Berkeley. One-story 5-room dwelling.
Owner—Emily A. Siefert, Lincoln Ave., Berkeley.
Architect—W. A. Doebor, 410 15th St., Oakland.
Contractor—Douglas Campbell, 2421 Oregon St., Berkeley. $3000

DWELLING
(1958) NO. 1411 EDITH ST., Berkeley. Two-story 6-room dwelling.
Owner—P. E. Marquis, 2045 Shattuck Ave., Berkeley.
Architect—None. $3500

DWELLING
(1959) NO. 66 VINCENTE ROAD, Berkeley. One-story 6-room dwlg.
Owner—Mrs. E. N. Dondero, 2939 Dana St., Berkeley.
Architect—None.
Contractor—John C. Beach, 3770 Latimer Place, Oakland. $4500

DWELLING
(1960) NO. 1409 EDITH ST., Berkeley. One-story 5-room dwelling.
Owner—P. E. Marquis, 2045 Shattuck Ave., Berkeley.
Architect—None. $3250

DWELLING
(1961) NO. 1899 SAN JUAN, Berkeley. One-story 6-room dwelling.
Owner—R. Perrott, 1136 Fresno Ave., Berkeley.
Architect—None. $5000

DWELLING
(1962) NO. 2205 ASHBY AVE., Berkeley. One-story 5-room dwelling.
Owner—L. L. Lucas, 2201 Ashby Ave., Berkeley.
Architect—None. $4000

DWELLING
(1963) NO. 1758 TACOMA, Berkeley. One-story 5-room dwelling.
Owner—C. Ewald, Santa Rosa.
Architect—None.
Contractor—Edw. Larmer, 90 Fairview Ave., Piedmont. $4700

STORES
(1964) S BOND ST. 150 W Fairfax, Oakland. 1-story 2-room stores.
Owner—J. W. Vance, 505 17th St., Okd.
Architect—None.
Contractor—McWethy & Greenleaf, 505 17th St., Oakland. $5000

DWELLING
(1965) 3778 THIRTY-NINTH AVE., Oakland. 1-story 3-room dwelling.
Owner—C. F. Hoag, 470 Cavour St., Oakland.
Architect—None.
Contractor—Arthur O. Fritz 470 Cavour St., Oakland. $1200

DWELLING
(1966) W STONWALL RD. 200 N Claremont, Oakland. 2-story 7-rm. dwelling.
Owner—Myrtle L. Green, 3111 Eton Ave Berkeley.
Architect—None.
Contractor—Roy O. Long Co. 2114 Shattuck Ave., Berkeley. 7250

DWELLING
(1967) 2131 NINTH AVE., Oakland. 1-story 5-room dwelling.
Owner—P. J. Healy, 39 Nace Ave., Piedmont.
Architect—None. $3000

DWELLINGS
(1968) NW COR. WELLINGTON AND Everett, Oakland. Two 1-story 4-room dwellings.
Owner—Minnie H. Snook.
Architect—None.
Contractor—Haskell & McPhee, 4331 Montgomery St., Oakland. $5670

DWELLING
(1969) 2106 THIRTEENTH AVE. Oakland. 1-story 4-room dwelling.
Owner—Elizabeth J. Blair, 2035 13th Ave., Oakland.
Architect—None.
Contractor—E. W. Blair, 2035 13th Ave. Oakland. $3000

DWELLING
(1970) 1412 HOPKINS ST., Oakland. 1-story 5-room dwelling.
Owner—Brown & Stenbro, 1707 Broadway, Oakland.
Architect—None. $3000

FLATS
(1971) 1610-12 THIRTY-NINTH AVE., Oakland. 2-story 10-room flats.
Owner—L. Owen, 1618 39th Ave., Oakland.
Architect—None. $4900

STORES
(1972) S HOPKINS ST. 100 W Dimond Ave., Oakland. 2-stores and hall.
Owner—Progressive Dimond Club.
Architect—A. W. Smith, 1010 Broadway Oakland
Contractor—Mullen & De Vole, 266 9th St., Oakland. $12,681

DWELLING
(1973) S PRINCE ST. 250 W Warfield Oakland. 1-story 7-room dwelling.
Owner—E. H. Hemenway, 390 63rd St., Oakland.
Architect—None. $7000

DWELLING
(1974) W WOODBINE AVE. 500 W Fruitvale Ave., Oakland. 1-story 4-room brick dwelling.
Owner—Martin Back, 3825 Allendale Ave., Oakland.
Architect—Sidney B & Noble Newsom, Nevada Bank Bldg., San Francisco.
Contractor—B. H. Schmidt, 2237 E-19th St., Oakland. $5000

DWELLING
(1975) 1731 SIXTY-NINTH AVE., Oakland. 1-story 4-room dwelling.
Owner—A. L. Ardeleaun, 2529 Grove St., Oakland.
Architect—None.
Contractor—L. O. Jacques, 9235 Holly St., Oakland. $1500

DWELLING
(1976) 1416 HOPKINS ST., Oakland. 1-story 6-room dwelling.
Owner—Brown & Stenbro, 1707 Broadway, Oakland.
Architect—None. $3500

DWELLING
(1977) 4014 DIVISION ST., Oakland. 1-story 5-room dwelling.
Owner—A. C. Krueger, 1307 Filbert St., Oakland.
Architect—None. $3200

DWELLING
(1978) NO. 3263 FERNSIDE BLVD., Alameda. Two-story 9-room dwlg.
Owner—Dr. F. J. McQuid.
Architect—Guy Rosebrook 1424 Franklin St., Oakland.
Contractor—A. Lundgersen, 2334 Curtis St., Berkeley. $6000

DWELLING
(1979) NO. 1507 ENCINAL AVE., Alameda. One-story 5-room dwelling
Owner—F. A. Rockingham, 2306 San Jose Ave., Alameda.
Architect—None. $3900

DWELLING
(1980) CAROLINE ST., Alameda. One story 6-room dwelling.
Owner—Francis M. Elvin, 1415 6th St., Alameda.
Architect—None. $3250

ADDITION
(1981) SW FULTON AND CHANNING, Berkeley. Addition.
Owner—Friends Church.
Architect—None.
Contractor—H. McCullough, 1641 Allston Way, Berkeley. $2000

DWELLING
(1982) NO. 319 FERNSIDE BLVD., Alameda. One-story 5-room dwlg
Owner—L. Palmer.
Architect—None.
Contractor—E. A. Randlett, 1534 Chestnut St., Alameda. $4000

DWELLING
(1983) NO. 1738 TACOMA ST., Berkeley. One-story 6-room dwlg.
Owner—Fred Townsend, 840 San Luis Road, Berkeley.
Architect—None. $5000

DWELLINGS
(1984) NO. 2123, 2125 & 2127 DERBY St., Berkeley. Three one-story 5-room dwellings.
Owner—Jas. W. Brazier, 1912 Blake St., Berkeley.
Architect—None. $3000 each

DWELLING
(1985) NO. 1709 CAPISTRANO ST., Berkeley. Two-story 6-room dwlg.
Owner—H. H. Schussler, 2436 Telegraph Ave., Berkeley.
Architect—None. $6000

POWER HOUSE ETC.
(1986) NW COR. THIRTY-SIXTH ST., and Telegraph Ave., Oakland. 1 & 2-story brick power house, cottage and shop.
Owner—State of California.
Architect—Geo. B. McDougall, Forum Bldg., Sacramento.
Contractor—F. W. Maurice, 1362 E-25th St., Oakland. $43,000

DWELLINGS
(1987) E SIXTY-NINTH AVE. 380 & 420 N E-14th St., Oakland. Two 1-story 5-room dwellings.
Owner—Justus Norris, 3732 Grove St., Oakland.
Architect—None. $3000 ea.

DWELLING
(1988) 574 FOREST ST., Oakland. 1-story 5-room dwelling.
Owner—C. J. Pfrang, 480 Forest St., Oakland.
Architect—None. $4000

FACTORY
(1989) N TRENOR ST. 300 E 69th Ave. Oakland. 1-story 5-room dwelling and candy factory.
Owner—J. G. Hielcher, Fresno, Cal.
Architect—None.
Contractor—J. M. Briggs, Fresno, $5000

DWELLING
(1990) S E-THIRTY-THIRD ST., 150 W 13th Ave., Oakland. 1-story 5-room dwelling.
Owner—L. C. Fish, 2453 Park Blvd., Oakland.
Architect—None. $4750

DWELLING
(1991) 2559 HEARST ST., Oakland. 1-story 3-room dwelling.
Owner—J. M. Benson, 3735 Laguna Ave. Oakland.
Architect—None.
Contractor—Martin Benson, 3735 Laguna Ave., Oakland. $1800

DWELLING
(1992) 1518 SEVENTY-EIGHTH AVE., Oakland. 1-story 4-room dwelling.
Owner—John Jacob Leeflang, 3470 Salisbury St., Oakland.
Architect—None. $3500

DWELLINGS
(1993) N MADELINE ST. 155 195 235 275 E Maple Ave., Oakland. Four 1-story 5-room dwelings.
Owner—Alameda Investment Co., Syndicate Bldg., Oakland.
Architect—None. $2750 ea.

DWELLING
(1994) E SEMINARY AVE., 100 N Muritania Ave., Oalkand. 1-story 4-room dwelling.
Owner—J. S. Payne, 2482 Seminary Ave. Oakland.
Architect—None. $2500

DWELLING
(1995) 3030 UNION ST. (rear), Oakland. 1-story 3-room dwelling.
Owner—M. R. Madsen, premises.
Architect—None.
Contractor—J. Brophy, 3030 Magnolia St., Oakland. $1500

DWELLING
(1996) 5390 BELGRAVE PLACE, Oakland. 1-story 6-room dwelling.
Owner—C. J. Pfrang, 480 Forest St., Oakland.
Architect—None. $5000

DWELLINGS
(1997) N HOLWAY 85 119 153 187 221 251 E 55th Ave., Oakland. 5 1-story 5-room dwellings.
Owner — Mark Page, 2060 55th Ave., Oakland.
Architect—None. $3000 each

DWELLING
(1998) LOT 138 & SE 10 LOT 139 MAP Property R Cords Jr. Oakland. 1½-story dwelling and garage.
Owner—Louis K. & Leonora G. Noe, 3643 E-16th St., Oakland.
Architect—None.
Contractor—Jos. Flittner, 1700 35th Av Oakland.
Filed April 25, 1923. Dated Apr. 24, 1923.
Ready for lath ..... ¼
Brown coated ..... ¼
Completed and accepted ..... ¼
Usual 35 days ..... ¼
TOTAL COST, $2360
Bond, Sureties, none; Forfeit, $1.00 day; Limit, 60 days; Plans and specifications filed.

CLUB BLDG.
(1999) S HOPKINS ST 99-6 W Dimond Ave., W 40 S 129-9, Oakland. 2-sto. frame club building.
Owner—Dimond Progressive Club Bldg. Association.
Architect—A. W. Smith; 1010 Broadway Oakland.
Contractor—Mullen & La Voie, 265 9th St., Oakland.
Filed April 25, 1923. Dater Apr. 19, 1923.
Frame up $3190
Brown coated 3150
Completed and accepted 3150
Usual 35 days 3191
TOTAL COST, $12,681
Bond, $6500; Sureties, E. D. McColgan and A. G. McKerlie; Forfeit, none; Limit, 90 days; Plans and specificatione filed.

DWELLING
(2000) 3906 CANNON AVE., Oakland. 1-story 2-room add to dwelling.
Owner—R. J. & Anna L. Collins, 3906 Cannon St., Oakland.
Architect—None.
Contractor—A. J. Yerrick, 5255 College Ave., Oakland.
Filed April 23, 1923. Dated Apr. 18, 1923.
Frame up ..... ¼
Plastered ..... ¼
Completed and accepted ..... ¼
Usual 35 days ..... ¼
TOTAL COST, $1439
Bonds, Sureties, Forfeit, none; Limit, as soon as possible; Plans and specifications filed.

DWELLING
(2001) SW RIDGEWAY AVE. 75 NW Howe St., SW 60 NW 25 Oakland. 1-story 3-room dwelling.
Owner—Mrs. Caroline L. Heacock, 3875 Howe St., Oakland.
Architect—None.
Contractor—R. J. Yerrick, 5255 College Ave., Oakland.
Filed April 24, 1923. Dated Apr. 11, 1923.
Frame up ..... ¼
Plastered ..... ¼
Completed and accepted ..... ¼
Usual 35 days ..... ¼
TOTAL COST, $2195
Bonds, Sureties, Forfeit, none; Limit, as soon as possible; Plans and specifications filed.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Accepted

April 19, 1923—NO. 724 ALAMA AVE., Oakland. Jas J Rhea to whom it may concern.....April 10, 1923
April 19, 1923—PTN LOT 15 BLK 8 Map McGee Tract, Berkeley. Campau-Hall Bldg Cptn to whom it may concern.....April 18, 1923
April 19 1923—LOT 14 BLK 2, Fair View Park, ———. J C McQuilkin to Walter Murch.....April 10, 1923
April 20, 1923—SHATTUCK AVE Station, Berkeley. S P C to Aristo Painting Co.....April 19, 1923
April 20, 1923—LOT 20 BLK 4 Map Berkeley Square, ———. C E Pugh to whom it may concern .Apr 19, 1923
April 20, 1923—W EIGHTY-THIRD Ave 40 S Birch, Oakland. Wilfred W Sherbourne to whom it may concern.....April 16, 1923
April 20, 1923—LOT 8 BLK 3 Map Fruitvale Orchard Terrace, Oakland. Ernest T Matteson to whom it may concern.....April 20, 1923
April 20, 1923—LOT 17 BLK "M" East Piedmont Heights. ———. Chester H Prouty to J D Wieslander.....April 10, 1923
April 21, 1923—W FRUITVALE AVE 183-6 S Hopkins S 30xW 57-6, Oakland. Albert Hammarberg to whom it may concern.....April 20, 1923
April 21, 1923—NO. 5671 MILES AVE. Oakland. Sarah A Emerson to A R Johnston.....April 16, 1923
April 21, 1923—NW FOURTEENTH Ave 130 SW E-23rd SW 35xNW 123.91, Oakland. Edwin W Dahl to whom it may concern .Apr. 13, 1923
April 21, 1923—SE FULTON AND Channing Way, Berkeley. Alfred J Bowman to whom it may concern.....April 15, 1923
April 21, 1923—LOT 59 Map Henry & Phillips Tract, BrooklynTp. Jos Boeddeker Jr to Jos Boeddeker Sr.....April 20, 1923
April 23, 1923—S FORTY-FIRST 220 W Webster W 40x S 110, Oakland. Linda Phillipps to W T Whitford.....March 20, 1923
April 23, 1923—NW FOURTEENTH Ave and NE E-23 St. 40x100, Oakland. Emile L Kreeft to whom it may concern.....
April 23, 1923—NW OAKES BLVD 120 NE E-14th St., San Leandro. J R Freeman to E J McCord.....April 23, 1923

April 23, 1923—SHATTUCK AVE, Dwight Way to Center St., Berkeley. Southern Pacific Co to Hutchinson Co.....April 20, 1923
April 23, 1923—NO. 2349 PERALTA Ave., Oakland. Otto Rinkert to whom it may concern...Apr. 21, 1923
April 23, 1923—PTN LOT 5 BLK 3, Map North Cragmont, Berkeley. A. D Whearty to whom it may concern.....April 20, 1923
April 24, 1923—LOT 99 Map Resubdivision Peralta Park, Berkeley. Thomas W Firby to R Perrott.....April 24, 1923
April 24, 1923—LOT 98 Map Resubdivision Peralta Park, Berkeley. Thomas W Firby to R Perrott.....April 24, 1923
April 24, 1923—S HOLWAY 248 E Seminary Ave. A E Waldman to whom it may concern..April 23, 1923
April 24, 1923—E 33-4 LOT 12 BLK 2112 Map Alden Tract, Oakland. W E Beeson to whom it may concern .....April 21, 1923
April 24, 1923—NO. 1922 THIRTY-eighth Ave., Oakland. N H E Clark to whom it may concern..April 20, '23
April 23, 1923—LOT 3 BLK 3 Map Berkeley Heights, Berkeley. R J and Lonella L Bailey to Blucher Bros .....April 21, 1923
April 25, 1923—NO. 2514-16 NIXTH Ave, Oakland. T R Goth to whom it may concern.....March 7, 1923
April 25, 1923—S CROXTON AVE 110 E Piedmont Ave., Oakland. B T Scott to S C Walker....April 24, 1923
April 25, 1923—PTN LOT 4 BLK "E" Revised Map Oak Tree Farm, Oakland. Harry P Parsons to E O Francis.....April 12, 1923
April 25, 1923—NO. 1507 FOURTH Ave. Oakland. L Nathanson to Earl Stanley.....April 21, 1923

LIENS FILED

ALAMEDA COUNTY

Recorded Amoun.

April 20, 1923—E THIRTY-FIFTH Ave 155 N Hopkins, Oakland. Frank E Moore Co vs John Doe Snow, Jane Doe Snow, Alameda County Investment Co.....$118.10
April 20, 1923—PT 52 FM S ATHENS Ave and San Pablo Ave S 40 th at right angle 185 th at right angles 92 E 85 right angles 52 E to pt beg. Rhodes-Jamieson & Co vs Lubrigas Oil Co, W H Donahue and John Doe $1019.80
April 20, 1923—NE E-EIGHTEENTH St. and Park Blvd SE 165xNE 100, Oakland. Waterfront Sash & Door Co, $825; Hogan Lumber & Mill Co. $273.25; Fearey & Moll, $2250; M Friedman & Co, $2725.41 vs Geo A Williams and D P Kalitsas.....
April 21, 1923—LOT 19 BLK 14, East Lawn Tract, Oakland. Melrose Lumber & Supply Co vs Murdock & L'Hommedieu $330.27
April 21, 1923—NE E-EIGHTEENTH and SE Park Blvd SE 165xNE 100, Oakland. R O Torr, $725; Smith Hardware Co, $204.51 vs D P Kalitae .....
April 23, 1923—SE FORTIETH AND Telegraph Ave., Oakland. Milbourne, Kennedy Co ve Charles C Williams and Geo. Hoffschneider.$100
April 23, 1923—NW FORTY-EIGHTH Ave 759 NE E-14th NE 65xNW 29-4 Oakland. Swift & Co vs C Bloom $340.58
April 25, 1923—NO. 1015 CENTER St., Oakland. O F Palmer and A Moore vs Nellie Scanlan.....$105
April 25, 1923—NW DELAWARE & McGee Ave W 50xN 60, Berkeley. Mark-Lally Co vs Fannie M and Charles E Arthur and H Oda..$98.50

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded Amount

April 18, 1923—LOTS 1, 2, 3, 4, and 5 Blk "B" Map Waterside Terrace, Alameda. E K Wood Lumber Co to Edwin E and Hazel M Nichol.$803.25

Notice of Non-Responsibility

ALAMEDA COUNTY

April 20, 1923—LOTS 94 AND 95 BLK 6 Map Key Route Heights, Oakland. Alameda Invst. Co as to improvements on property.....
April 25, 1923—PTN LOT 176 Map Resbdvn Blk "D" Meek Estate Orchards, Eden Tp. H W Meek Estate, Inc. as to improvements on property .....

BUILDING CONTRACTS

SAN MATEO COUNTY

BUNGALOW
NE HOPKINS AVE AND DUANE ST., Redwood Highlands, Redwood City. All work for one-story and attic bungalow and garage.
Owner—Henry A. Beeger, Redwood City.
Architect—Chas. E. J. Rogers, Phelan Bldg., San Francisco.
Contractor—Guss Waller, Redwood City.
Filed Apr. 16, '23. Dated Apr. 13, '23.
Frame up $2174.50
Plastered 2174.50
Completed 2174.50
Usual 35 days..... 2174.50
TOTAL COST, $8698.00
Bond, $4431. Sureties, P. E. Brand and W. P. Gray. Limit, 90 working days. Forfeit, $10. Plans and specifications filed.

HOSPITAL
NEAR BERESFORD. All work for sewer piping, manholes, etc., for county hospital.
Owner—San Mateo County.
Architect—Will H. Toepke, 72 New Montgomery St., San Francisco.
Contractor—T. E. Clinch, Richmond.
Filed Apr. 16, '23. Dated Apr. 11, '23.
On 1st of each month..... 76%
Usual 35 days..... 25%
TOTAL COST, $2892.04
Bond, none. Limit, 35 days. Forfeit, $10. Plans and specifications filed.

BUNGALOW
LOT 11 BLK 8, Polo Field Sub., Burlingame. All work for six-room frame bungalow.
Owner—Jennie H. Salanne, San Francisco.
Architect—None.
Contractor—James C. Duerner, 188 Sickles St., San Francisco.
Filed Apr. 19, '23. Dated Apr. 18, '23.
Plumbing roughed in $1386.50
Brown coated 1386.50
Completed 1386.50
Usual 35 days..... 1386.50
TOTAL COST, $5546.00
Bond, $2773. Sureties, William Chorincle and A. L. Stock. Limit, 120 working days. Forfeit, $5. Plans and specifications filed.

RESIDENCE
W SANTA INEZ AVE being Lot 5 Blk "G," San Mateo. All work for two-story residence and garage.
Owner—Louis Smith.
Architect—None.
Contractor—C. E. Fowler, Burlingame.
Filed Apr. 17, '23. Dated Apr. 17, '23.
Frame up $2600
Brown coated 2600
Completed 2875
Usual 85 days..... 2600
TOTAL COST, $10,675
Bond, $5337.50. Surety, National Surety Co. Limit, on or before Aug. 17, 1923. Forfeit, none. Plans and specifications filed.

DWELLING
LOT 1 BLK 21, Easton Addition No. 2, Burlingame. All work for dwelling.
Owner—M. T. K. Rogers, 100 9th St., Oakland.
Architect—None.
Contractor—J. B. Oswald, Burlingame.
Filed —. Dated —.
1st payment 75%
Usual 35 days..... 25%
TOTAL COST, $5800
Bond, $5800. Surety, Fidelity & Deposit Co. of Maryland. Limit, 90 working days. Forfeit, plans and specifications, none.

STORE
LOTS 21 AND 22 BLK 40, South San Francisco. All work for concrete store building.
Owner — J. J. Jennings, South San Francisco.
Architect—E. L. Norberg, 593 Market St., San Francisco.
Contractor—R. C. Stickle, South San Francisco.
Filed April 17, '23. Dated April 15, '23.
Concrete to ceiling joists.....$3504
Brown coated 3504
Gray compound, etc..... 3504
Completed 3504
Usual 35 days..... 3504
TOTAL COST, $17,520
Bond, $8750. Sureties, E. C. Peck and M. H. Denning. Limit, 100 working days. Forfeit, $10. Plans and specifications filed.

RESIDENCE
LOT 194 SUB 2, San Mateo Park, San Mateo. All work for one and one-half-story residence.
Owner—Frank H. Doane.
Architect—None.
Contractor—Oscar L. Cavanagh, 1021 Park St., San Mateo.
Filed Apr. 18, '23. Dated Apr. 16, '23.
Frame up $2652.50
Plastered 2652.50
Completed 2652.50
Usual 35 days..... 2652.50
TOTAL COST, $10,610
Bond, none. Limit, 70 working days. Forfeit, plans and specifications, none.

RESIDENCE
LOT 27 BLK "K" Haywood Park, San Mateo. All work for five-room frame residence.
Owner—John Frederick O'Neal, et al, San Mateo.
Architect—None.
Contractor—Frank J. Ferrera.
Filed Apr. 18, '23. Dated Apr. 14, '23.
Sheathed $1016.50
Brown coated 1016.50
Completed 1016.50
Accepted ..... -1016.50
TOTAL COST, $4066.00
Bond, $2700. Surety, Justin Fitzgerald Limit, before July 14, 1923. Forfeit, none. Plans and specifications, none.

DWELLING, two-story, $10,000; Lot 5 Blk "S" El Cerrito Park, San Mateo. Owner, S. K. Smith, San Mateo; contractor, C. E. Fowler, 829 Edgehill Ave., Burlingame.
DWELLING, $2000; PTN LOT 13 BLK 33, N-E St., San Mateo; owner, J. J. Bradley, 414 N-E St., San Mateo.
DWELLING, $2000; Lot 13 Blk 33, N-E St., San Mateo; owner, J. J. Bradley 141 N-Eth St., San Mateo.
ALTERATIONS and additions, $3000; No. 1516 Ralston Ave., Burlingame owner, Mrs. A. H. Baker, Prem.
BUNGALOW, $3800; Lot 22 Blk 2, Villa Park, 1st Ave., Burlingame; owner, Frad Gayer; contractor, T. M. Jones.
DWELLING, $5000; Lot 28 Blk 5 Wesson Ave., San Mateo; owner, H. Bjorkquist; contractor, Ed. Shaver, 838 Highland Ave., Burlingame.
DWELLING, $4066; Lot 27 Blk "K," Hayward Park, San Mateo; owner, Fred O'Neil; contractor, Frank Ferrera.
GRAND stand, Laurel Ave. and State Highway, San Mateo Park, San Mateo; owner, City of San Mateo; designer, R. Caldwell, 152 Ellsworth St., San Mateo; contractor, Al. Geft, San Mateo.
BUNGALOW, $4000; Lot 10A BLK 22, Burlingame Ave., Burlingame; owner, John R. Lindsay.
BUNGALOW and garage, $4500; Lot C Blk 9, Burlingame Terrace Acacia Drive, Burlingame; owner, Mrs. Sarah Bruce.
BUNGALOW and garage, $3000; Lot 12 Blk 37, Lyon & Hoag Sub, Channing Road, Burlingame; owner, R. G. Haney; contractor, A. Mighall, 305 Ellsworth St., Burlingame.
BUNGALOW and garage, Lot 19 Blk 14, Easton 1, Lanches Ave., Burlingame; owner, J. Moore.
BUNGALOW and garage, $4000; Lot 10 Blk 7, Easton 1, Paloma Ave., Burlingame; owner, Mrs. Sam Filippo.
BUNGALOW and garage, $3000; Lot 4 Blk 10, Easton 7, Hale Drive, Burlingame; owner, W. I. Robertson.
BUNGALOW and garage, $4000; Lot 40 Blk 44, Easton 6, Vancouver Ave., Burlingame; owner, Martin J. Reynolds; contractor, R. Broderick.

COTTAGE, $2295; Lot 15 Blk 29, Lyon and Hoag Sub, Bloomfield Road, Burlingame; owner, Wm. Hill, 1445 Chapin St., Burlingame; contractor, J. D. Chrichton, Burlingame.
BUNGALOW and garage, $4000; Lot 6 Blk 58, Easton 7, Vancouver Ave., Burlingame; owner, Chas. F. Rudolph; contractor, — Brasch.
BUNGALOW and garage, $5000; Lot 16 Blk 19, Easton 2, Balboa Ave., Burlingame; owner, H. J. Hughes.
BUNGALOW and garage, $5000; Lot 2 Blk 8, Burlingame Land Co., Bellevue Ave., Burlingame; owner, J. E. Burness, 520 Hill St., San Francisco; contractor, H. Papenhausen, 532 3rd Ave., San Francisco.
DWELLING, two-story and garage, $8712; Lot 3 Blk 8, Burlingame Land Co., Floribunda Ave., Burlingame; owner, Mr. and Mrs. F. N. Head, 1219 Burlingame Ave., Burlingame.
BUNGALOW, $4000; Lot 25 Blk 12, Easton, Sanches Ave., Burlingame; owner, E. M. Wickline.

COMPLETION NOTICES

SAN MATEO COUNTY.

Recorded Accepted
April 18, 1923—EASTON SUB NO. 1, San Mateo. Francis P O'Brien to whom it may concern..April 18, 1923
April 19, 1923—LOT 6 BLK 8, Easton No. 1, Burlingame. Otto Burdette to John W Rutherdale..April 1, 1923
April 19, 1923—LOT 24 BLK 36, Easton No. 2, Burlingame. John F Myers to whom it may concern... .....April 18, 1923
April 19, 1923—LOT 42 BLK 5, Crocker Estate Tract, Daly City. J L Kidd to whom it may concern.... .. .. April 16, 1923
April 20, 1923—LOT 20 BLK 18, Easton No. 2, Burlingame. James and Florence Watson to Wm Watson & Son.....April 18, 1923
April 20, 1923—LOT "R" BLK 4, Burlingame Terrace, Burlingame. D Haule to whom it may concern.. .....April 20, 1923
April 20, 1923—LOT "G" BLK 5, Burlingame. D Haule to whom it may concern.....April 20, 1923
April 23, 1923—LOT 12 BLK 9, Burlingame Sbdvn, Burlingame. J B Oswald to whom it may concern.. .....April 20, 1923
April 23, 1923—LOT 32 BLK "R", Hayward Park, San Mateo. B S Chapiro to Matock & Feasey..... .....March 9, 1923

LIENS FILED

SAN MATEO COUNTY

Recorded Amount
April 20, 1923—LOT 25 BLK 140, So. San Francisco. P A Smith Co vs M E Greene and R M McCalgan..$315
April 20, 1923—LOT 22 BLK 124, So. San Francisco. P A Smith Co vs M E Greene and R M McCalgan.$315
April 21, 1923—LOT 9 BLK 2, Burlingame Terrace, Burlingame H R Park vs F M Nelur $270.29

BUILDING CONTRACTS

SACRAMENTO COUNTY

$2,500 and Over Reported

DWELLING, 1-story 5-room, and garage, $2840; 2421 F, Sacramento; owner, Wright & Kimbrough; contractor, H. G. Birdsall, 1503 13th Sacramento.
DWELLING, 1-story 5-room and garage $2840; 2824 E Sacramento; owner, Wright & Kimbrough; contractor, H. G. Birdsall, 1503 13th St., Sacramento.
DWELLING, 1-story 6-room, and garage, $4800; 3272 Donner Way, Sacramento; owner, J. F. Brickell, 3272 Donner Way, Sacto.; contractor, G. E. Harvie, 2212 T, Sacramento.
DWELLING 1-story 5-room, $3800; 2821 T, Sacramento; owner, A. J. Delano, 1025 8th, Sacto.; contractor, G. E. Tarvie, 2212 T, Sacto.
DWELLING, 1-story 5-room, and garage, $3500; 810 30th Sacramento; owner, W. Erwin; contractor, C. W. Palmer, 2422 F, Sacto.
DWELLING, 1-story 5-room, and garage, $4500; 2930 H, Sacramento; owner, W. Erwin, 1810 E Sacto.; contractor, C. W. Palmer, 2422 F, Sacramento.
DWELLING, one-story 8-room and garage, $5500; No. 724 36th St., Sacramento; owner, Mrs. M. Burley, Berkeley; contractor, Coleman & Holmes, 2624 35th St., Sacramento
SCHOOL building, two-story 12-room, $15,000; No. 2012 V St., Sacramento owner, Keeney School, 220 21st St., Sacramento; contractor, I. C. Boss, 2615 K St., Sacramento.
DWELLING, one-story 4-room and garage, $2600; No. 3164 B St., Sacramento; owner, Mrs. Carmichael, 1222 F St., Sacramento; contractor, P. R. Opdyke, 1009 7th Ave., Sacramento.
REMODEL stores, $7000; No. 1301 9th St., Sacramento; owner, Wright & Kimbrough, 817 J St., Sacramento.
DWELLING, one-story 8-room, $4950; No. 3922 I St., Sacramento; owner, D. Newton, 5920 I St., Sacramento.
DWELLING, one-story 5-room and garage, $3500; No. 2048 Stockton Blvd., Sacramento; owner, A. J. Gallison, 1326 27th St., Sacramento contractor, H. Buck, 916 17th St., Sacramento.
DWELLING, one-story 5-room, $2900; No. 5009 K St., Sacramento; owner, M. Delo, 5008 K St., Sacramento contractor, C. F. Smith.
REMODEL dwelling, $9600 No. 1217 O St., Sacramento; owner, B. Bissenger, 1217 O St., Sacramento; contractor, C. F. Smith, 3944 J St., Sacramento.
DWELLING, one-story 6-room and garage, $6500; No. 1209 40th St., Sacramento; owner, E. H. Bellmer, 1611 T St., Sacramento; contractor, Thos. B. Hunt, 2926 S St., Sacramento.
DWELLING, one-story 6-room and garage, $2600; No. 414 27th St., Sacramento; owner, R. Machold, 520 28th St., Sacramento.
FLATS (2), two-story frame, $8000; No. 1120 24th St., Sacramento; owner, W. R. Saunders, 2614 I St., Sacramento.

BUILDING CONTRACTS

SAN JOAQUIN COUNTY.

$2,500 and Over Reported

RESIDENCE, $3500; No. 627 E-Sixth St., Stockton; owner, Mrs. H. Silvey.

BUILDING CONTRACTS

SANTA CLARA COUNTY

$1,000 and Over Reported

STORE BUILDING
SOUTHERLY ¼ LOT 5 BLK 3 R 2 south city of San Jose. All work for 2-story store building.
Owner—J. C. Boschken, trustee, 580 E William, San Jose.
Architect—Claire C. Morris, Porterville.
Contractor—R. O. Summers, 17 No. 1st St., San Jose.
Filed— Dated April 12, 1923.
As work progresses 75%
Usual 35 days 25%
TOTAL COST, $19,383

PIERCE-BOSQUIT
Abstract & Title Co.
Capital Stock $100,000
Sacramento, Placerville, Nevada City, Reno
SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

Bond, $19,383; Sureties, Globe Indemnity Co.; Forfeit, none; Limit, 90 wk. days from April 12, 1923; Plans and specifications filed.

APARTMENTS
NW CORNER SAN SALVADOR AND 10th Sts., San Jose, Cal. All work for 2-story frame and stucco apartment house.
Owner—V. H. Hermann, 130 E Humboldt, San Jose.
Architect—H. W. Higbie, Porter Bldg., San Jose.
Contractor—E. Nommensen, 19 S 5th, San Jose.
Filed— Dated April 3, 1923.
Frame up, rafters on $2500
1st coat plaster on 2500
Completed and accepted 2500
Usual 35 days 2500
TOTAL COST, $10,000
Bond, $10,000; Sureties, E. E. Weldon and Wm. F. Serpa; Forfeit, none; Limit 90 wk days from April 3, 1923; Plans and specifications filed.

ALTERATIONS
NO. 48 W SAN FERNANDO ST., San Jose, Cal. Alteration and remodelling store front.
Owner—Robert R. Hall and A. F. Williamson, San Jose.
Architect—None.
Contractor—A. H. Petrie, 198 S 22nd, San Jose.
Dated— Filed April 14, 1923.
Ready for glass to be set.....$450
Completed and accepted 450
TOTAL COST, $900
Bonds, Sureties, Forfeit, Limit, none; Plans and specifications filed.

SCHOOL
MT. VIEW, Cal. Mason work for high school building.
Owner—Board of Trustees of Mt. View Union High School Dist, Mt. View.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
Contractor—Paul Messner, 1386 Palou, San Francisco.
Filed— Dated April 11, 1923.
As work progresses 75%
Usual 35 days 25%
TOTAL COST, $3427
Bonds, $1718.50 each; Sureties, New Amsterdam Casualty Co.; Forfeit, none; Limit, 120 wk. days from April 11, 1923 Plans and specifications filed.

HEATING SYSTEM INSTALLED COMPLETE on above.
Contractor—W. H. Picard, Oakland.
Filed— Dated April 11, 1923.
Payments same as above.
TOTAL COST, $10,973
Bonds, $5486.50 each; Sureties, National Surety Co.; Forfeit, none; Limit, 120 wk. days from April 11, 1923; Plans and specifications filed.

PAINTING & FINISHING COMPLETE on above.
Contractor—R. Zelinsky, 180 Jessie St., San Francisco.
Filed— Dated April 11, 1923.
Payments same as above.
TOTAL COST, $7377
Bonds $3688.50 each; Sureties, New Amsterdam Casualty Co.; Forfeit, none; Limit, 120 wk. days after April 11, 1923; Plans and specifications filed.

INSTALLING PLUMBING WORK COMPLETE on above.
Contractor—Wm. F. Serpa, 576 N 17th San Jose.
Filed— Dated April 11, 1923.
Payments same as above.
TOTAL COST, $11,975
Bonds, $5987 each; Sureties, Hartford Accident & Indemnity Company; Forfeit, none; Limit, 120 wk. days from April 11, 1923; Plans and specifications filed.

COTTAGE, 4-room, $2500; S 10th near Virginia; owner, J. C. Carpenter.
RESIDENCE, 2-fam., $4750; 11th near Virginia, San Jose; owner, C. E. Tainter, 42 E Santa Clara; architect, W. H. Norman.
STABLES & Warehouse, $3000; Market near Julian, San Jose; owner, Clark & Rauschenboch; contractor, E. E. Weldon.
COTTAGE, 4-room, $1500; Hariiss near Edwards, San Jose; owner, H. E. Bayles.
ALTER front, $1000; No. 48 W-San Fernando, San Jose; owner, Hall & Williamson; architect, A. H. Petrie, 198 S-22d St., San Jose.

COTTAGE, 6-room, $4800; Hawthorne, nr. First, San Jose; owner, Matilda Louiga, San Jose; architect, Willmot Bros., San Jose.
COTTAGE, 4-room; $2400; N-25th, nr. Santa Clara, San Jose; owner, W. H. O'Neil, 500 W-15th, San Jose.
COTTAGE, 4-room, $1600; Spencer, nr. Willow, San Jose; owner, N. Barberla; contractor, Wright & Smith.
COTTAGE, 3-room, $1600; 22 Op. Beach, San Jose; owner, Y. Boer; day work.
COTTAGE, 4-rooms, $3200; 15th and San Fernando, San Jose; owner, Kocher & O'Neil, San Jose; contractor, Benj. Ouimet, San Jose.
HOUSE, 2-family, $5700; Spencer nr. Park, San Jose; owner, Mrs. L. Cottle, San Jose; architect, A. J. Nielson, 156 S-20th St., San Jose.
COTTAGE, 6-room, $3400; William, nr. 5th, San Jose; owner, J. N. Stephenson, San Jose; contractor, Frank Neves, San Jose.
COTTAGE, 3-room, $2500; St. James, nr. 12th, San Jose; owner, W. H. Younglove, San Jose.
RESIDENCE, 2-story 6-room, $3900; No. 127 E-William, San Jose; owner, Dr. C. C. Shottenhamer, Garden City Bank Bldg., San Jose; architect, E. J Shottenhamer, 401 S-Market St., San Jose.
FOUNDATION and Rough Floor, $1250; 4th and San Antonio, San Jose; owner Pentacostal Upper Room Mission Prem., San Jose; day work.
HOUSE, 2-family, $4750; S-11, nr. Virginia, San Jose; owner, C. E. Tainter, 42 E. Santa Clara St., San Jose; architect, W. H. Norman, 272 S-12th St.; contractor, same.
ALTERATION, $4500; Second and Fountain, San Jose; owner, L. Archer, First National Bank Bldg., San Jose; architect, Wolfe & Higgins, Auzerais Bldg., San Jose; contractor, J. C. Thorpe, Auzerais Bldg., San Jose.
HOUSE, 2-story, 3-apt., $10,000; 10th and San Salvador, San Jose; owner, V. H. Hermann, 130 E. Humboldt St., San Jose; architect, H. N. Higbie, Porter Bldg., San Jose; contractor, E. Nommensen, 19 S-5th St., San Jose.

BUILDING CONTRACTS

FRESNO COUNTY

$5,000 and Over Reported

STORE, $9000; NO. 1910 Lucerne Lane, Fresno; owner, F. M. Howes; contractor, J. M. Moore, 1954 Sarah St., Fresno.
GARAGE, $23,000; No. 1736 Van Ness Ave., Fresno; owner, — Hall; contractor, Trewhitt & Shields, Rowell Bldg., Fresno.
DWELLING, $5000; No. 1019 San Pablo Ave., Fresno; owner, F. H. Sweeney contractor, Kuhlke & Sweeney, Fresno.
DWELLING & garage, $5000; No. 3044 Ventura Ave., Fresno; owner, A. G. Alamian; contractor, H. B. Zeronian, Fresno.

COMPLETION NOTICES

FRESNO COUNTY

Recorded Accepted

April 14, 1923—LOTS 17 TO 20 BLK 348, Fresno. Rocco Manuto to whom it may concern...April 5, 1923
April 14, 1923—S ½ OF W ½ OF NW ¼ of SE ¼ of Sec 1, 14-20, Fresno. W B Dow and Irene Anderson to whom it may concern..April 12, 1923
April 14, 1923—LOTS 7 AND 8 BLK 8, College Park, Fresno. Patrick McEvoy to whom it may concern... .....April 13, 1923
April 14, 1923—LOT 20 E ½ LOT 21 Blk 1, Torrance Terrace, Fresno. E D Guynn to whom it may concern.....April 14, 1923
April 14, 1923—LOTS 9 AND 10 BLK 86 Sierra Vista Addition No. 4, Fresno. J A Schlotthauer to whom it may concern.....April 14, 1923
April 14, 1923—LOTS 27 TO 32 BLK 99, Fresno. Richard Emirzian to whom it may concern.April 12, 1923
April 17, 1923—LOTS 31 AND 32 BLK 83, Sierra Vista Addition No. 4, Fresno. E E Flynn to whom it may concern.....April 14, 1923
April 17, 1923—BARSTOW SCHOOL District, Fresno. Barstow School District to whom it may concern... .....April 14, 1923
April 17, 1923—LOTS 24 AND 25 BLK 35, Arlington Heights Tct, Fresno E A Tripp to whom it may concern .....April 16, 1923
April 18, 1923—LOTS 26 TO 29 BLK 36, Biola. C J Fauset to whom it may concern.....April 14, 1923
April 18, 1923—LOTS 5 AND 6 BLK 9, College Park, Fresno. A W Zander to whom it may concern... .....April 17, 1923
April 18, 1923—LOTS 35 AND 36 High Addition Annex, Fresno. J A Schlotthauer to whom it may concern.....April 17, 1923
April 18, 1923—LOTS 1 AND 2 BLK 9, College Park, Fresno. Herman Jauss to whom it may concern... .....April 17, 1923
April 18, 1923—LOTS 33 AND 34, Long Tct, Fresno. Andrew Chitty to whom it may concern.Apr 17, 1923
Apr 18, 1923—CARUTHERS SCHOOL District, Fresno. Caruthers School District to whom it may concern... .....April 10, 1923
April 19, 1923—53.5x145 ft. in Lot 2, Sierra Vista Tract, Fresno. W B Watson and A F Lambert to whom it may concern.....April 18, 1923
Apriu 20, 1923—PTN LOTS 2 AND 3 Blk 3, Belmont Heights, Fresno. R R Shaw to whom it may concern.. .....April 16, 1923
April 20, 1923—LOTS 30 AND 31 BLK 3, Torrance Terrace, Fresno. Watkins & Deardorf to whom it may concern.....April 19, 1923
April 24, 1923—LOTS 25, 26 AND 27 Blk 9, Fresno Heights, Fresno. Wm Vandexter to whom it may concern.....April 23, 1923
April 24, 1923—LOTS 17 AND 18 BLK 55 K B Heights, Fresno. M Masi to whom it may concern..... .....April 21, 1923
April 24, 1923—LOTS 1 AND 2 BLK 1 German Addition, Fresno. Henry and Annie Biehl to whom it may concern.....April 16, 1923
April 24, 1923—LOTS 22 TO 24 BLK 17, Sierra Vista Tract, Fresno. Robt T Hubbard to whom it may concern.....April 23, 1923
April 24, 1923—LOT 45 Stivers Tract No. 3, Fresno. M A Stivers to whom it may concern..April 23, 1923

LIENS FILED

FRESNO COUNTY

Recorded Amount

April 17, 1923—LOTS 5 TO 8 High Addition Annex, Fresno. F O Malinquist vs Ello D & John L Scott.$141
April 17, 1923—LOT 25 S ½ Lot 26 Blk 3, School View Add'n, Selma. Fresno Marble & Tile Ci vs Glenn E Parkinson and C L Connacher.$115
April 17, 1923—N 40 FT. LOT 27, Berryhill Tract, Fresno. Sunset Lumber Co vs T W Field.....$781
April 17, 1923—LOT 16 Dwight Park, Fresno. Sunset Lumber Co vs C L Harrington.....$114
April 17, 1923—N ½ LOT 17, all Lot 16 Blk 1, Booker Addition, Selma. Sunset Lumber Co vs C L Connocher $366
April 18, 1923—N 40 FT. Lot 27, Berryhill Tract, Fresno. R A Crouch vs Thos W Field.....$31
April 18, 1923—N ½ OF S 90 FT. Lots 16 to 20 Blk 7, Lisenby Tract, Fresno. C P Fox vs E M and H S Coz $69
April 20, 1923—LOT 102 Fruit Vale Estate, Fresno. A Pera vs M Surabian $115
April 20, 1923—N 40 FT. LOT 27 Berryhill Tract, Fresno. Arms & Gaskill Sales Co. $20; Barrett-Hicks Co, $44 vs T W Field.....
April 24, 1923—LOTS 17 AND 18 BLK 78, Sanger. Sanger Lumber Co vs Paul Kreshaw $2749
April 24, 1923—LOTS 11 AND 12 BLK 6, New High School Addition, Fresno. L Rosenberg vs Hugh Sparkman $481
April 24, 1923—LOTS 45 AND 46 BLK 1, Oakwood. L Rosenberg vs S Goldstein $49
April 21, 1923—N 85 FT. LOT 32 W 10 ft. Lot 31 Blk 27, Arlington Heights Tract, Fresno. L Rosenberg vs W L Palfrey.....$93
April 21, 1923—N 40 FT. LOT 27, Berryhill Addition, Fresno. Frank Faust vs Thos W Field.....$41

BUILDING CONTRACTS

CONTRA COSTA COUNTY

DWELLING, one-story frame, $3000; W-THIRTY-SEVENTH ST., bet. Roosevelt and Cerrito, Richmond; owner, M. P. Haley, 659 66th St., Berkeley; contractor, O. H. Butzke, 1315 66th St., Berkeley.

Larsen Construction Reports
Issued every business day of the year. Furnishes advance information on work projected and contracts awarded for all classes of building, street, sewer and highway projects, bridges, dams and harbor works, machinery, etc. Send for rates in your territory, advising class of work in which you are interested.
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SAN FRANCISCO, CALIF., MAY 5, 1923

Published Every Saturday
Twenty-third Year No. 18

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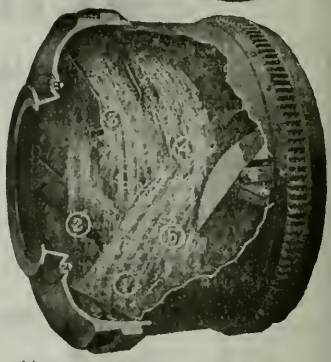

(1) Blade cuts through materials with churning action. (2) Blade carries materials up, spilling down again against motion of drum. (3) Materials hurled across diameter of drum. (4) Materials elevated to drum top and cascaded down to reversed discharge chute which (5), with scattering, spraying action, showers materials back to charging side for repeated trips through mixing process.

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San Francisco Los Angeles

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

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COAST CONSTRUCTION COMPANY WILL BUILD COYOTE BRIDGE

The Coast Construction Company, Crocker Building, San Francisco, on a bid of approximately $10,000,000 has been awarded the contract to construct the Little Coyote Point vehicular bridge across San Francisco Bay to be financed by the Webb-San Francisco Bay Bridge Company, represented by W. H. Metson, attorney, Balboa Building, San Francisco. General Hunter Liggett is chairman of the Board of Directors and John C. Eames, a director of the Merchants' Association of New Cork City, is general manager.

The Webb-San Francisco Bridge Company is capitalized at $20,000,000. One half of the stock is to be issued immediately and the other half to be held in reserve for future developments such as docks, railroad terminals, etc.

The Little Coyote Point bridge will be approximately six miles long of reinforced concrete construction and will extend from Little Coyote Point on the San Mateo side to the Alameda County shore line. On the latter side a highway three and one-half miles long will connect the bridge with the roads reaching into the interior of the state. In the middle of the span a draw bridge 200 feet in length will be provided to allow the passage of ships to the southern section of the bay.

CREDIT EXPERT APPREHENSIVE OVER BUILDING

Feverish building activity in all parts of the country is becoming a source of apprehension, according to Executive Manager J. H. Tregoe of the National Association of Credit Men. As a specialist upon economic problems, he is devoting much time to studying local business and financial conditions. After commenting upon the unusual building construction in every city that he has visited he says:

"My apprehensions are directed to the larger building schemes, many of which have been carried through for promotion purposes. So feverish is the activity that workmen have been asking extraordinary wages and competition for labor has lifted prices in many places to a point where it seems foolhardy to pay, so great will the fixed charges against the atructure be.

"Placing upon many of these large buildings bonded indebtedness that permits only a small margin between the bond issue and the cost of construction makes it clear that unless ample provision is made to amortize the bonds rapidly, a shrinkage in value will put the credit in peril.

"Feverishness in any line is always attended with high cost, and there follows in its train severe penalities. I cannot but foresee serious losses for those who have been attracted by the high rate of interest given on the bond and mortgage indebtedness.

"I refer to the subject, not as a word of discouragement but to bring men everlastingly back to an appreciation of the uses to which credit can be safely put. The building program, of course, is on a credit basis, and I say the credits are not safe unless there is a reasonable ratio between owner investment and creditor investment."

APRIL BUILDING IN S. F. EXCEEDS FIVE MILLIONS

San Francisco building operations for the month of April, just closed, total $5,173,801, according to figures compiled by John P. Horgan, chief inspector of buildings of the Department of Public Works. During the month a total of 954 building permits were issued as compared with 766 permits for the same month in 1922 when the estimated valuation was $3,993,720. The April activities show the biggest valuation for a single month since August of last year when the operations were estimated at $6,214,082.

April building operations are segregated as follows:

Class	No. of Permits	Est. Cost
A	1	$ 900,000
B	4	515,138
C	37	954,971
Frames	365	2,134,394
Alterations	545	513,256
Public Bldgs.	2	156,042
Total	954	$5,173,801

Following are the figures for the past four months as compiled by the City Building Permit Bureau:

Jan., 718 permits.....$3,205,811
Feb., 782 permits 3,278,676
March, 977 permits 3,229,572
April, 954 permits 5,173,801

Hutchinson Lumber Co. has purchased from Chas. Southworth 160 acres of heavy timber land adjoining the present holdings of the Hutchinson company east of Oroville, Butte County.

CEMENT COST IN DIFFERENT CONSTRUCTION TYPES

How little the cost of cement affects total construction costs is indicated in the following report just compiled by the Cement Information Service:

"Reliable data shows that the cost of the cement used in a single house or even in a reinforced concrete structure is but a small percentage of the total cost of such house or structure—varying from about 2 per cent in the cost of an ordinary dwelling to something like 7 per cent in the cost of a reinforced concrete structure. In a cement road the cost of cement at the mill is from 10 to 25 per cent of the cost of the road.

"In the average suburban or country dwelling house, with cement sidewalks, etc., costing $8,000 to $10,000, the cost of cement varies from 1½ to 2 per cent of the total cost of the building.

"In typical office buildings of fireproof construction, the cost of cement varies from 1½ to 3 per cent of the total cost of the building.

"In a typical apartment building, it varies from 1.7 to 2.1 per cent of the total.

"Even in concrete buildings in which foundations, walls, floors and roof are concrete, the cost of cement averages about 7 per cent of the total cost of the building.

"In dollars, a variation of 10 cents a barrel in the market price of cement makes a total difference of about $5 for each $10,000 spent in housing construction.

"In concrete road construction costing upwards of $25,000 per mile, a variation in the market price of cement of 10 cents per barrel involves only the most trifling variation in the total cost of a mile of road."

CITY OF DINUBA SUES SAN DIEGO CONTRACTORS

Suit for $13,000, being the amount of the certified check deposited with the bid of the defendants has been filed against deWaard & Cobham, San Diego, by the city of Dinuba, as the result of the refusal of the defendants to enter into a contract with the city to build a sewage disposal system in Dinuba after having been awarded the contract.

The city claims, in the suit, that it was necessary to call new bids and that the Federal Construction Company of San Francisco was later awarded the contract at a price of $12,200 in excess of the $134,900 bid of the first company. The certified check for $13,000 deposited by deWaard & Colham, the city claims, belongs to the city as a forfeit and would cover the loss to the city by reason of the higher bid of the company which was finally allowed to do the work.

The possibility that the United States Reclamation Service will select California as the location of a western office, which would be under the supervision of Miles Cannon, recently appointed field reclamation commission, is seen in the present visit to California of Cannon, together with D. W. Davis, spemial assistant secretary of the interior, and A. P. Davis, director of reclamation.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

The Montague and Yreka Chambers of Commerce of Siskiyou county oppose the granting of water rights to the Electro Metals Company which company proposes to construct a 300-foot dam near the mouth of the Klamath River, declaring that the project is a menace to Siskiyou county irrigation projects and to the running of salmon and other fish to spawning beds. The Associated Chambers of Commerce of Siskiyou County has also taken a stand against the applications filed with the Division of Water Rights.

The Albion Lumber Company of San Francisco, engaged in the lumber business in the vicinity of Albion, Calif., and operating 28 miles of railroad in connection therewith, has applied to the State Railroad Commission for permission to purchase $1,000,000 of Class C preferred stock, $250,000 of Class B preferred stock and $112,155 of common stock of the Outer Harbor Dock and Wharf Company of San Pedro, Calif.

A proposition to increase the capital stock of the West Side Lumber Company from $1,500,000 to $4,500,000 will be voted on by the stockholders of the corporation on June 25. The meeting at which the question is to be decided will be held in the company's office at Tuolumne, which is the principal place of business of the corporation. The proposed $4,500,000 capital stock is to be divided into 45,000 shares of the par value of $100 each. 30,000 of which will be preferred stock and 15,000 common stock.

The British Columbia land office at Vancouver, B. C., announces that a group of Seattle lumbermen has purchased 12,000 acres of land near Horne lake, Vancouver island, containing 200,000,000 feet of standing timber. The timber is declared of high grade. The property has access to tidewater on the east side of the island and is conveniently situated for connection with the Esquiwault and Northern Railway. It is said that the purchasers are buying other timber on the island.

Letter circular 24, one of the mimeographed circulars of the U. S. bureau of standards, has just been issued and gives standard thickness of sheet metals including steel plate in sheets, galvanized sheets, copper, brass, aluminum, tine and terne, zinc and monel metal. The various sheet metal and wire gages used in designing the thicknesses are also discussed. The circular is a collection into useful form of information that has heretofore been widely scattered and inaccessible.

"There will never be a better time to build than right now," says L. S. Patterson of the Sacramento Master Builders' Association. "Today material and labor prices are right but with the tremendous building activity in every part of the county it is obvious that prices are going to rise. Whether it be a home or a business structure, now is the opportune time to get it under construction," Patterson declares.

Alameda has voted a bond issue of $750,000 to finance construction of a new high school to contain 72 classrooms, accommodating 3000 pupils.

Felix H. Spitzer, associate member of the American Society of Civil Engineers, has opened an office in the Umbsen-Kerner-Eisert Bldg. 26 Montgomery Street, San Francisco and will engage in the practice of structural engineering and quantity surveying.

Wage increases for 300 San Francisco municipal employes have been approved by the Department of Public Works for incorporation in the board's departmental budget to be approved by the supervisors. The increase is 50 cents a day, making $5.50 a day, for laborers, cribbers and asphalt workers, and will mean an addition to the board's budget of $46,212 annually.

A creditors' petition alleging bankruptcy was filed in the Federal Court (Los Angeles) against the Bedell Engineering Corp. Plaintiffs in the action are: Crane Company, claiming an indebtedness to them of $6747.29; Pacific Mill & Mine Supply Co., creditors of $532.45, and E. B. Brown, assignee of the Gay Engineering Corp., who sets up a claim for $2665.15.

Boards of school trustees, according to a ruling by the office of Attorney General U. S. Webb, have the power to contract for the services of an architect without the necessity of advertising for bids, even though the cost of such service exceed $200. The opinion was issued in answer to a number of legal questions raised by District Attorney Arthur Coats of Sutter County.

Canvass by Department of Agriculture shows average amount of State, county and local taxes paid by farmers throughout the country in 1922 to have been 70.9 cents an acre, compared with only 31.4 cents in 1914. Roads and public schools were principal causes of increase.

"Actual shortage in many building trades, especially among bricklayers and plasterers. Strong demand for experienced men, with little supply to meet the demand." So says J. A. Kelly, district director of employment service of the U. S. Department of Labor for California.

The monthly review of the New York Federal Reserve Bank, just issued, estimates that the building shortage has been reduced one-quarter. Building permits issued in 158 cities in March were valued at $369,414,000, the review says.

The California State Building Trades' Council has petitioned the San Francisco Board of Public Works to increase the wages of bricklayers employed on city jobs from $10 to $11 a day. The labor organization asks that the increase be provided for in making the 1923-24 budget estimates.

The Atlanta, Georgia, Builders' Exchange has formed a corporation, capitalized at $150,000, which will construct a large office building ten stories high, occupying a site 100 feet by 103 feet.

The city council of Eureka, Calif., will be petitioned to call an election to vote bonds of $200,000 to finance construction of a municipal auditorium.

ALONG THE LINE

The volume of building construction started in Pacific coast cities during the month of March is shown below. The figures shew the value of the work contemplated according to the permits issued:

City	March 1923	March 1922
Seattle	$ 1,362,985	$ 1,791,670
Tacoma	511,536	301,431
Portland	2,761,220	3,162,855
San Francisco	3,229,570	3,289,251
Oakland	2,581,989	1,925,577
Los Angeles	21,196,087	10,964,829
San Diego	1,417,100	1,068,700

Wm. F. Humphrey, San Francisco attorney, represents interests planning an expenditure of $4,000,000 in a cement plant six miles from the town of Exeter, Tulare County. John F. Humbug, former vice-president and manager of H. Hackfield and Co., merchants and shippers of Honolulu, is a prime mover in the project.

According to word from Seattle, a shortage of plumbing supplies is threatened through the inability of producers to fill orders in many lines, and a retarding influence is being injected into the construction field by price fluctuations which make it impractical for firms to bid on projected work.

The State Railroad Commission has received informal advices that the United States Supreme Court has granted the application of the commission for a writ of review in the Los Angeles union terminal and grade crossing elimination suit.

M. Stulsaft & Co., dealers in heating and plumbing supplies, has filed articles of incorporation at Sacramento. The Sacramento branch is capitalized at $150,000. Articles have also been filed in San Francisco, Oakland and Los Angeles.

Plant of the Western Forest Products Co., Seattle, Wash., suffers $100,000 fire loss. Office quarters of Duwamish Lumber Company adjoining the Western plant were partially destroyed and many valuable papers and considerable sum of money lost.

Atlas Electric Co. of San Mateo, for the past fifteen years engaged in the electrical business on the peninsula, has moved to new and larger quarters at 312 third avenue, San Mateo. Seth Cohn, general manager of the company, is city electrician of San Mateo.

The Oregon Short-Line Railroad Co. has applied to the Interstate Commerce Commission for a permit to construct 27 miles of new road between Orchard and Perkins, Idaho.

The annual picnic of the Southern California Retail Lumber Dealers Association, formerly reported as scheduled for May 19, is now set for June 9 at Brookside Park, Pasadena.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

OVERALLS ARE SUPPLANTING WHITE COLLARS

(Editorial from Chicago Tribune)

The Citizens' committee to enforce the Landis award announces a notable shifting of "white collar" workers into the building trades. It is evident in the character of young men enrolling in the committee's free trade school, which trains apprentices for the trades.

That is a movement which is likely to be of great significance. It is, of course, due primarily to the small pay of "white collar" workers, such as stenographers, office clerks, minor salesmen, and bookkeepers. Young men in these lines, earning perhaps from $22 to $38 a week, look with natural envy upon the man of similar age who is drawing from $60 to $100 a week as a skilled mechanic. The dapper young shiek no doubt hates to trade his linen collar for a cotton jumper, but economic pressure is forcing the change.

In all probability it will be good for the youth who makes the trade, and for the country in general. Boys who have some natural preference for using their minds and keeping their hands clean can make good mechanics if they realize that their minds may be useful in putting up a house as well as in producing a balance sheet, and who know that hands can be made clean, even though calloused. If young men of this type set aside the foolish snobbishness attached to a white collar they can go far in the trades. In so far as they use their natural preference for head work, they will improve the standard of mechanical work and workers.

We welcome them. The building tradesmen, beside whom they eventually must work, should welcome them likewise. They will raise standards both for themselves and for their fellows if they apply their abilities as their ambition seems to have indicated. It's a welcome tendency.

LOS ANGELES CARPENTERS WANT WAGE INCREASE

Union carpenters of Los Angeles and vicinity have made demands on employers for a minimum wage of $9 a day. Up to noon, May 1, 150 men out of a probable total of 15,000 union carpenters in the southern section, had left their jobs when demands were turned down, according to E. J. Newton, secretary of the Carpenters' Union, in Los Angeles.

L. A. BUILDERS ELECT

Walter R. Simons, president of Simons Brick Company, was re-elected president of the Builders' Exchange of Los Angeles, at the annual election. Lou B. Webster of the G. H. Turner Co., was elected first vice-president; Emil Brown of Emil Brown & Co., second vice-president, and P. J. Bolin, building contractor, treasurer.

The following directors were elected: Representing sheet metal craft, Fred W. Dee; electrical supply dealers, R. Wolfsberg; general contractors, W. E. Burch of Bavin & Burch; lumber dealers, Sharles C. Havens; painting contractors, Wm. R. Morgan; lime, cement and plaster dealers, George L. Eastman; surety bonds, Jack Knight; structural steel, G. W. Saurett; sand and gravel, Herbert Reed and W. J. Valkenberg; electrical contractors, G. E. Arbogast; brick mason contractors, Arthur Pinner; plastering contractors, J. J. O'Connor; burned clay products, A. T. Wintersgill; painting supplies, E. T. Soderstrom.

Directors Burch, Pinner, O'Connor, Wintergill and Havens are elected for two years.

Directors holding over are: Cement contractors, James N. Patillo; plumbing contractors, Wm. McArthur; roofing contractors and dealers, H. F. Boesch; metal lath dealers, Paul F. Langworthy; unclassified crafts, James C. Hanly; Orange county division, Geo. R. Wells of Wells & Bressler, Santa Ana.

MAYOR ROLPH HONORED BY ARCHITECTS

James Rolph Jr., Mayor of San Francisco, has been awarded a medal of honor by the Society of Architects, the American branch of the Academy of Beaux-Arts of France. The award is in recognition of the artistic service rendered through the group of public buildings at the Civic Center. But five similar awards have been made by the society, to George B. McClellan, former mayor of New York; the late Senator Francis B. Newlands; George C. McAnaney, president of the borough of Manhattan; Charles H. Wacker, chairman of the Chicago plan committee, and Elihu Root. The medal will be presented by G. Albert Lansburgh, chairman of the San Francisco group of the Society of Architects at a banquet to be held in the near future.

BUILDING MATERIAL COSTS IN SACRAMENTO RATED LOW

The cost of building material in Sacramento is generally lower than the average cost of such material in other parts of the county and in only three important items does it exceed the average cost of such materials in forty-seven cities in the United States. This is shown in a report issued by the Sacramento Master Builders' Association:

Commodity	Unit	Sacto. Price	Aver. Price
Common Brick	1000	17.00	18.25
Portland cement	bbl.	3.55	3.22
Douglas Fir, No. 1	1000	44.00	50.44
Common boards, No. 1	1000	45.50	47.86
Doulas Fir, V G., No. 2	1000	82.00	91.10
Red Cedar shingles	100 sq. ft.	5.85	6.46
Building sand	Cu. yd.	1.50	2.26
Window glass, sin. A	50 sq. ft.	4.84	4.91
Steel pipe, 1-in. gal.	100 ft.	11.30	10.62
Reinforced bars	100 lbs.	4.00	3.96
Linseed oil	Gal.	1.16	1.13

STOCKTON BUILDERS AGAINST AUDITORIUM BONDS

At a general meeting of the Stockton Builders' Exchange a resolution was adopted opposing the $200,000 bond issue proposed to finance construction of the municipal auditorium building as originally planned. The city recently voted $600,000 to finance the structure but when bids were asked for conetruction, only one complete bid was received, that of Goolds and Johns of Stockton at $519,000 which amount did not include heating and ventilating, plumbing or electric work but included every other item to complete the structure.

Robt. Inglis, president of the Stockton Lions' Club, declares the structure cannot be completed even with the $200,000 in addition to the $600,000 available for its construction.

In a signed statement in a Stockton newspaper, D. G. Johns, a member of the firm of Goold and Johns, which represented the only bid for construction complete, challenged the statement of Inglis and declared he is ready to enter into a contract with the city to construct the building complete, including the organ, furniture and all equipment for an amount not to exceed $700,000, if the bonds are voted for the purpose.

SACRAMENTO BUILDERS WARN AGAINST BIDDING FOR LABOR

A warning against bidding for labor because of any temporary lack of laborers in the building trades has been issued by the Sacramento Master Builders' Association to its members, lest such bidding result in raised costs of building and resultant idleness. The warning is as follows:

"There is probably very little bidding for labor in Sacramento and few bonuses are being paid, but it is well at this time of year to call attention to the mistake that is often made by so doing. It is impossible to escape the fact that it is the owner, not the contractor who pays for the labor on a job and when the costs of construction become more than the industry will bear the inevitable result is deferred or abandoned jobs. Investment capital will not go into building projects unless it can see an opportunity to make a profit. The man who plans to own his home will not proceed with the work if he considers the cost of construction excessive. As a result the contractor loses and the worker is out of a job."

COMPETITION FOR PLANS FOR GOVERNMENT BUILDING FOR URUGUAY

An international competition is being held for plans for a municipal palace to be erected in Montevideo, the capital of Uruguay. The palace will contain not only the offices of the municipal government, but those of the national government as well. The competition will close on Aug. 8, 1923. The winner of this competition will receive a prize of $8500. The second prize will be $4250, and the third $2500. The jury of awards has been authorized to divide an additional $4250 among other competitors, should their work merit this recognition. Complete details can be supplied by the Pan-American Union Washington, D. C., by which the competition is conducted.

COLORMIX IS NEW PRODUCT OF MASTER BUILDERS COMPANY

Architects, contractors and builders, particularly those active in concrete construction will be interested in learning of a new product, Colormix, an integral colored hardener for coloring, hardening and waterproofing concrete floors as manufactured by the Master Builders Company, represented in San Francisco by the Roman Paint Company.

The product, marketed as a paste with about the consistency of white lead, when put into use is dissolved in the gauging water where it dyes every particle of sand and cement of the floor topping a deep rich color. Six colors are available: Tile red, linoleum brown, Nile green, Battleship gray, buff and white. Combinations of the colors may be laid in a variety of designs to fit any decorative scheme.

Colored cement tile employing this new compound in the above colors, are made in regular sizes 6" by 6", 6" by 9", 9" by 9", and larger, and are laid like quarry tile. It has the advantage of being made of perfectly porportioned materials properly cured and in use offers unlimited possibilities for variety in decorative floor designs. colored cement tile will be found useful by builders desiring attractive floors, but for whom the high cost of quarry tile and terrazzo is prohibitive.

BRICK PRICES DECLARED LOWER THAN YEAR AGO

Although building material prices on the whole have advanced over last year, a report issued by the Common Brick Manufacturers' Association of America, says the prices of brick generally throughout the United States today are lower than they were a year ago. Only two plants in the United States advanced brick prices in the past month, the report shows.

Increased sales of brick are noted by the brick association and brick manufacturers are showing a spirit of optimism over the volume of orders for brick on the books, which is the largest for more than a year.

Covering a report on 102 brick manufacturing concerns, the brick association shows that there are 185,094,000 burned brick on hand in brickyards, 28,003,000 unburned brick and orders totaling 302,905,000 brick.

STRUCTURAL STEEL SALES

A new high record in sales of fabricated structural steel was made in March, according to figures received by the Department of Commerce through the Bureau of the Census, in co-operation with the Structural Steel Society. March sales amounted to 95 per cent of shop capacity, as against 80 per cent in February and 88 per cent in April, 1922, the previous high record at the present shop capacity. Total sales reported for March by 153 firms, with a shop capacity of 220,790 tons per month, amounted to 210,716 tons, the first time that actually reported tonnage has exceeded 200,000 tons in any month.

METAL TEST

To determine how long it takes to "tire" a metal to the point where it gives way under repeated strains or shocks the Engineering Foundation in collaboration with the National Research Council, the Copper and Brass Research Association, the University of Illinois, the General Electric Company, Western Electric Company and other corporations, have undertaken a comprehensive program of research to establish the endurance limits or so-called "fatigue" of copper, brass, bronze, and other metals.

Bill Provides State Aid For Home Builders

State aid for home builders is proposed in Senator Murphy's bill, No. 53, now pending in the senate finance committee.

Murphy, former president of the California State Federation of Labor and now labor leader in the legislature, introduced the measure at the request of the immigration and housing commission. The commission was ordered to make a survey of building conditions, looking forward to some form of state aid to the home builder, by the 1921 legislature which turned down a proposal similar to that outlined in the Murphy bill of this session. The vital need for such legislation is pointed out in the commission's report just submitted to the legislature.

Simon Lubin, Sacramento; Archbishop Hanna, San Francisco; J. H. McBride, Pasadena, and Paul Scharrenberg, San Francisco, were members of the commission which recommended the Murphy measure.

Proves Need

Although it is generally conceeded that a home owning population is preferable to one that rents, the commission collected some interesting data proving this point.

The survey covered Los Angeles, San Francisco, Sacramento, Oakland, Long Beach, San Jose, Hayward, Venice, Fresno and San Diego—territory containing 45 per cent of the state's population.

It made 2315 inspections, and visited places which housed 6080 adults and 3446 children.

Fifty-eight per cent of the homes owned were found to be in good sanitary condition, while only 29 per cent of the rented homes were in good sanitary condition.

Only 18.5 per cent Owned

Of all the houses inspected, exclusive of the vacancies, only 18.5 per cent were found to be owned by the occupants.

However, of the families interviewed, 84 per cent wanted to own their own homes, while only 0.14 per cent preferred to rent. About 17 per cent of the 84 per cent lacked the money to make initial payment.

The commission found a general overcrowding in the homes visited. Many were below the standards set by the commission. More than half the homes visited were found to be in bad sanitary condition, many had no toilets.

The commission found that while there had been some improvement over the conditions of 1920, there was still a shortage of good homes at reasanoble rents.

Affects All

Concluding its report the commission said:

"In general, the survey shows the great majority of people to be fairly well housed, but there is a considerable proportion of the people of moderate income who are inadequately housed; many of the unskilled manual wage earners are intolerably housed; and this condition, if not corrected, will not be confined to its original source. Disease and crime are complements of bad housing, and if 10 per cent of the people of a city are housed in indecent, unsanitary surroundings, the resulting sickness and evil will not be confined to the 10 per cent so housed, but will spread inevitably until the entire community is affected."

Under the Murphy measure, the immigration and housing commission would have complete authority to loan money to home builders. It could reject or accept the applications acting along certain general lines outlined in the bill.

Must Be Citizens

Persons seeking state aid must either be citizens or must have filed "first papers." They could borrow up to $5000. The commission would approve proposed purchases.

The applicant could either buy a home, or buy a lot and build. He would be charged five per cent interest on his loan from the state, and would have not more than 40 years in which to repay the state. An initial payment of five per cent of the borrowed sum is demanded.

He must agree to live in his home, to keep it in repair, and if requested, to carry fire insurance upon it.

Cost $2,000,000

The bill would appropriate $2,000,000, $50,000 of which would be used for administration purposes.

If bonds were later voted to carry on the work, the $2,000,000 would be returned to the state treasury.

The immigration and housing commission discussing the Murphy bill in its report to the legislature, said:

"Senate bill No. 53, prepared by the commission, which extends state aid to home builders, will not reach the classes who are earning precarious daily wages and whose families are so large as to make saving practically impossible. It is not intended to do so, for the majority of these people would not continue making the payments necessary to retain their homes, nor would they be in a position to keep up necessary insurance and improvements on the property.

"This class constitutes an increasing menace and some solution of their problem must be reached.

Assist Middle Class

"This bill aims to assist the man of small income to buy his home, making initial payment small and permitting him to make payments over a long period of time. These wage earners, fortunately in the majority, who saved a little money and who are thrifty and willing to work hard if they see an opportunity of owning their homes, should be aided, and the commission believes that the bill providing for a five per cent payment on a house will reach this class of workers.

"So long as we need houses to make our workers productive, using the state's credit to finance these houses means adding to the general prosperity of the state."

NEW CEMENT PLANT

An agreement has been filed in the county recorder's office at Mariposa, Calif., whereby F. P. Van Hook, R. W. Johnson and other business men of San Francisco and Oakland agree with the Agricultural Lime & Composite Company of the same cities for the development and operation of a Portland cement plant on the Merced river at the mouth of Jenkins gulch.

The consideration mentioned in the agreement is $50,000, and according to the terms of the agreement the company must begin the construction and operation of the plant within six months from the first of the present year, and the daily capacity must not be less than 1500 barrels. The manufacture of agricultural hone will also be developed.

The company, a stock concern, will expend in the neighborhood of $1,250,000 in the construction of the plant, it is said.

Immense deposits of the finest limestone and marble are found in the section of the county where the company expects to operate.

BUILDING OPERATIONS ON INCREASE, SURVEY SHOWS

In keeping with general business activities throughout the country, new building operations continue to gain momentum as the season advances. March building permits in the 207 principal cities were $422,591,923, a gain over March, 1922, of $161,564,177, or 61 per cent, according to official reports recorded in the national monthly building survey of S. W. Straus & Co. These figures warrant an estimate of total permits issued in the entire country of $600,000,000. The same cities reported $825,344,407 for the first quarter of the year, a gain of $278,320,726 or 50 per cent. S. W. Straus & Co.'s estimate of total permits for new buildings and alterations issued during the three months period is $1,400,000,000.

Accompanying these record breaking achievements, there was a steadily advancing range of building costs both for labor and material. In many parts of the country shortage of these commodities were reported.

Nothwithstanding these activities, there were indications of a continued large potential demand for buildings of various tpyes throughout the country.

The greatest proportionate activities were in the Pacific Coast States which showed a March gain of 171 per cent. There were indications of greatly increased activities in the South where a March gain of 62 per cent was recorded as compared with a February gain of 10 per cent. The Central States gained 75 per cent and the Eastern States 41 per cent.

LUMBER PRODUCTS FREIGHT RATE REDUCTION ORDERED

A general readjustment of railroad rates on sash, doors and other items of milled lumber, house trimmings has been ordered by the interstate commerce commission, on the ground that present rates on these lumber products are undully prejudicial to manufacturing plants in Wisconsin, Iowa and Illinois, and unduly preferential to similar mills on the Pacific Coast.

Railroads were ordered to establish new schedules by June 15th. The rates to be altered will be those applying from the producing point to consuming territory located east of Buffalo and Pittsburg.

In general the railroads were ordered to reduce rates on mill work from the Iowa, Illinois and Wisconsin mills, to bring them more nearly equal to existing rates on unfinished lumber between the same points.

The commission held that the rates from the Pacific Coast producing points to the same eastern territory would be unlawful after the date given, unless increased by amounts designed to equalize the situation.

Commissioners Hall, Daniels, Aitchison and Campbell dissented from the findings.

CEMENT BY THE SACK

The Universal Portland Cement Co., Chicago, beginning June 1, 1923, will sell and invoice cement by the sack instead of by the barrel. On cement sold prior to that date, the price per sack will be determined by dividing by four the price per barrel. On quotations and sales made on and after June 1, the price will be figured by the sack.

The change was made only after sending an inquiry to thousands of cement buyers, including dealers, contractors, architects and engineers, large industrial concerns and others. The replies were overwhelmingly in favor of the change.

Demands Immediate Trial of War Contractors

"After five years and following investigations and preparation which have cost the Government hundreds of thousands of dollars, the Attorney General has the unmitigated effrontery to plead unpreparedness in cases where he is accusing contractors of inefficiency for having built whole cities in 90 days! Had the contractors performed their work with the same efficiency, they would have deserved to have been shot as slackers.!"

In these words General R. C. Marschall Jr., of Washington, D. C., who served as Chief of the Construction Division of the Army during the War, brought to a climax a talk before a Business Men's Monday Lunch Club at Pittsburg, Pa.

Speaking on "Justice or Politics in War Suits," General Marshall declared that the recent action of the Attorney General in requesting postponement of several cases involving contractors who built the cantonments was a "frank confession of gross mistake" or "ignominious defeat" and scored these men in the Department of Justice "who hold so lightly the power of their office that they sue and indict indiscriminately in the hopes of catching some pecadillos with evidence so insufficient that there is every assurance that their charges cannot even decently be supported."

"The spectacle of these men, (the War Camp contractors) pilloried in the public press, posted as evil self-seekers in the time of the Nation's travail," he stated, "is the result of our fluctuating political power;" and went on to say—"There are men and prosesses actively at work in this great Department today who unless restrained can so discredit the functioning of that organization that the confidence of the people in it will be lost."

Reviewing the events which led up to the indictment of various contractors and War Department officials, General Marshall pointed out that many important organizations connected with the construction industry in America had declared their faith in the integrity of the men indicted and urged a speedy trial; that the plan adopted for letting the contracts under which the camps were constructed was the only plan under which the camps could have bben properly constructed in the time required; that the form of contract was one generally employed on commercial work during the War and that under it the contractors who built the war camps received less than 3 per cent gross profit on their work and less than 1 per cent net profit when taxes and other charges not reimbursable were deducted.

With reference to the charges that there was an unconscionable waste of materials and labor, he declared that the waste piles of material were worked over until used up and that "it was bitter irony that the men who built the camps had to do so at a time when enough skilled workers were impossible to find, and now are accused of fraud because they produced results with the second and third and fourth rate men available."

The testimony upon which the indictments are based, he stated, was given by "handpicked witnesses," and the basis adopted for a proper cost of the camps was prepared by a Chicago contractor three years afterward, whose omissions and mistakes on cross-examination were so strikingly emphasized as to make him rediculous. This testimony first issued by the Congressional Investigating Committee, he declared, was completely nullified by the report of a special Board of Review made to the Secretary of War eight months before the Congressional Committe reported.

In closing, General Marshall said—"The history of the world tells us that the greatest danger to a people is not so much the attack from without as it is the insidious undermining of the fundamental institutions from within. When enemies attack from without we can checkmate their efforts by carefully watching with sufficient accuracy to make them of small danger. But when the Department upon which we rely for such watchfulness shows signs of so conducting its affairs that observant men view its purposes with suspicion; when it is common gossip that its great offices are being used for political capital, it becomes necessary to recognize quickly a more potent danger, and to counsel for its betterment. I believe there are men and processes actively at work in this great Departments today who unless restrained can so discredit the functioning of that organization that the confidence of the people in its will be lost—and confidence once lost is only slowly regained.

It is a time for sober reflection—to take stock—to balance the demands of partisan issues against the stability of proved institutions, and out of the observations taken make a new declaration of faith and chart a safer course to protect the rights and liberties of American citizens.

Diamonds—

Every One Blue-White

This firm handles only brilliant, flashing blue-white stones—the finest obtainable.

Liberal terms extended to persons permanently established and with a good reputation for paying their bills.

The Albert S. Samuels Co. JEWELERS

33 Kearny 895 Market

PLATE GLASS SHORTAGE

Plate glass for spot delivery is scarce. Manufacturers of show cases find it impossible to fill their requirements. The immediate cause of the shortage of glass is said to be the withdrawal from the market of two large plate glass companies which were purchased recently by the Ford and Durant companies. The output now goes into automobiles.

Metal Trades' Council of Seattle has voted a strike in all shops where wage demands recently presented are not met by May 7. The strike order affects approximately 2,000 men. Demands of the union involve a flat increase of 10 cents an hour in the wage of all trades. At present machinists are receiving 72 cents and helpers 52 cents an hour.

Building News Section

APARTMENTS

Permit Applied For.
APARTMENTS Cost, $15,000
STOCKTON, San Joaquin Co., Cal. No. 302 E-Poplar St.
Apartment building.
Owner—F. L. Balkwill, 119 Bedford Rd. Stockton.
Architect — Glenn Allen, 37 S-Aurora St., Stockton.

Plans Completed.
APT. BLDG. Cost, $80,000
SACRAMENTO, Cal., Residential dist.
Two-story brick apt. bldg., 42 apts. (12 3-room and 30 2-room)
Owner—Withheld.
Architect — Frederick Harrison, Peoples Bank Bldg., Sacramento.

Plans Being Prepared.
APT. HOUSE Cost, $20,000
SAN FRANCISCO, N Grove E Clayton.
Two-story and basement frame and stucco apartment house (4 4-room apartments).
Owner—Withheld.
Architect—A. H. Knoll, Hearst Bldg., San Francisco.

Figures To Be Taken Next Week.
APT. BLDG. Cost, $22,000
OAKLAND, Grand Ave.
Two-story reinforced concrete & frame store and apt. bldg.
Owner—Y. Sticcone.
Architect — W. E. Schirmer, Thayer Bldg., Oakland.

Contract Awarded.
APARTMENTS Cost, $90,000
SAN FRANCISCO, N Post 50 E Jones Street.
Six-story and basement class C apartment and store building (2 stores and 20 3-room apts.)
Owner—Geo. Cohn.
Architect—S. Heiman, 57 Post St., San Francisco.
Contractor—Louis Cohn, 110 Sutter St., San Francisco.

LONG BEACH, Cal.—Archt. W. Horace Austin, 222 First Natl. Bank Bldg. Long Beach, has prepared preliminary plans for a $1,000,000, 8-story 100x150 ft., class A own-your-own apt. bldg. to be erected at s.w. cor. E. First St. and Albina Pl. for D. B. Carlin, owner of the site. Two elevators, tile lobby, kitchen and bath fls., incinerator, refrigerating plant, 75-car garage.

LOS ANGELES, Cal.—L. T. Mayo, 631 Black Bldg., has the cont. at $225,000 to erect a 4-story and basement class C brick apartment hse. on 9th St., bet. Beacon St. and Burlington Ave. for P. M. Ruthfield, E. B. Rust, 523 Black Bldg., archt. Stradley & Newton, 1024 Detwiler Bldg., have the cont. for the brick work at about $29,000. Dimensions, 83x181 ft., 153 rms., 73 apts.; press. brick, marble and tile work.

LOS ANGELES, Cal.—G. Cavagnieri, 129 S Vermont Ave., has had plans prepared and will erect a 4-story class C brick apt. house on Shatto Pl. near 7th St. for himself. It will contain 87 rms., 39 apts.; dimensions, 57x115 ft., brick walls, press. brick facing, cast stone trim, marble and tile work; cost $65,000.

SANTA ANA, Orange Co., Cal.—Santa Ana Development Co., owner, is having plans prepared for a two-story store and apartment building to be erected at Broadway and Sycamore St. It will be 75x250 ft., and contain 12 stores on the ground floor, with 29 apartments above. There will be a 30 ft. arcade through the building. Est. cost, $120,000. Members of the company are: Frank Purinton, Linn L. Shaw, Roy Russell, A. N. Zerman, Santa Ana, and H. Work, Long Beach.

LOS ANGELES, Cal.—Anna E. Becker, 709 S Vermont Ave., has had plans prepared and will erect a 4-story brick apt. house on 7th St. near Magnolia Ave. for herself. It will contain 103 rms., 52 apts.; dimensions, 60x144 ft., press. brick facing; cost $100,000.

BONDS

ALAMEDA, Alameda Co., Cal.—Bonds of $750,000 to finance construction of a new high school were voted at a recent election. The structure will contain 72 classrooms providing accommodation for about 3000 pupils.

FERNDALE, Humboldt Co., Cal.—Election held in Ferndale Grammar School District to vote bonds to finance construction of new school failed to carry. Another election is probable.

LODI, San Joaquin Co., Cal.—Bruella School District will call election to vote bonds of $11,000 to finance 2-room additions and alterations to present structure. Preliminary plans have been prepared by Architect Victor Galbraith, Elks Bldg., Stockton.

MANTECA, San Joaquin Co., Cal.—Bonds of $8000 voted in Calla School Dist. to finance const. of 2 classroom addition.

SAUSALITO, Marin Co., Cal.—Second election held in Sausalito School District to vote bonds of $84,000 to finance construction of new school failed to carry, due to opposition to site selected for proposed structure. Another election is probable when a new site is determined. Preliminary plans for the structure have been prepared by Architect A. A. Cantin, 68 Post Street, San Francisco.

MILL VALLEY, Marin Co., Cal.—Bonds of $100,000 have been voted in the Tamalpais High School District; proceeds of sale to finance construction of additions to present structures.

EUREKA, Humboldt Co., Cal.—City Council will be petitioned to call election to vote bonds of $200,000 to finance construction of municipal auditorium. A. Walter Kildale, City Clerk.

SAN JOSE, Santa Clara Co., Cal.—Election will be held May 19 in College Park School District to vote bonds of $10,000 to finance school improvements. Trustees are: John Miller, Geo. P. Holman and W. A. Dennis.

EUREKA, Humboldt Co., Cal.—Until May 15, bids will be rec. by supervisors for purchase of $8,000 bond issue of McKee's Mill School District; proceeds to finance school improvements.

COMPTON, Los Angeles Co., Cal.—City Trustees will call a special election to vote on a $122,000 bond issue for the construction of a new city hall and library building. A small part of this will be used for water and sewer extensions.

SANTA ROSA, Sonoma Co., Cal.—Until May 15 bids will be rec. by county supervisors for purchase of $375,000 bond issue of Santa Rosa High School District. Bids recently received were rejected due to best bidder declaring irregularities in proceedings.

FILLMORE, Ventura Co., Cal. — An election will be held in the Fillmore union high school dist., May 26, to vote on a $200,000 high school bond issue. W. E. Foster is chairman of the chamber of commerce committee appointed to conduct the campaign.

CHURCHES

Figures To Be Taken This Week.
CHURCH Cost, $140,000
SAN FRANCISCO, O'Farrell St. & Shannon.
Reinforced concrete and steel church.
Owner—Fifth Church of Christ Scientist.
Architect—Carl Werner, Santa Fe Bldg. San Francisco.

Plans Being Prepared.
CHURCH Cost, $17,000
ALAMEDA, Alameda Co., Cal., Oak St.
One-story frame and stucco gymnasium & social hall bldg. for church
Owner—First Methodist Episcopal Ch.
Architect—H. H. Meyers, Kohl Bldg., San Francisco.

Concrete Contract Awarded.
CHURCH Cost $500,000 approx.
SAN FRANCISCO, SE Bush and Steiner Streets.
Reinforced concrete steel and terra cotta church (cast stone interior).
Owner—St. Dominics Church.
Engineer—P. Zucco, 166 Geary St., S.F.
Architect—Beezer Bros. (Louis Beezer in charge), 1915 Steiner St., S. F. and Seattle. (Phone West 1543).
The reinforced concrete construction work up to the first floor slabs, including necessary excavating, has been awarded to D. C. McCabe, Call Bldg., at $38,225.

WEST HOLLYWOOD, Los Angeles Co., Cal.—Archt. Harry L. Pierce, 603 Wright-Callender Bldg., Los Angeles, is preparing plans for a $200,000 church to be erected in 3-units, at Fairfax and Fountain Aves., West Hollywood, for the Crescent Heights Methodist Episcopal Church. The first unit which will be built at this time will contain auditorium and balcony to seat 750 people, with Sunday school rms; frame and plas. constr., 70x115 ft., tile rfg.

HANFORD, Kings Co., Cal.—A. M. E. Zion Church, Rev. Albert Moore, pastor, has appointed building committee to formulate plans to raise funds to finance construction of a new edifice at Second and Douty Sts.

MERCED, Merced Co., Cal. — Rev. Chester A. Snyder, pastor of the Christian Church, states that it is planned to build a modern church bldg. near 20th and I Sts., the bldg. will be erected in units, the first to be 47x65 ft., seating 200. Work will start at once.

SELMA, Fresno Co., Cal.—Chas. Olcester, Selma, has been awarded a contract at $85,000 for all work complete for erecting a new church at Selma for the First Baptist Church. Dimensions, 70x140 ft., reinf. conc. constr., up to 2nd sto.; frame and plas. above, shingle rfg. Norman F. Marsh, 211 Broadway Central Bldg., Los Angeles, archt.

ONTARIO, San Bernardino Co., Cal — Archt. Robert H. Orr, 1305 Corp. Bldg., has been commissioned to prepare plans for a new church auditorium bldg to be erected at Ontario for the First Christian Church. It will have a seating capacity of 800; brick constr., face brick, cast stone trim, comp rfg., art. glass; $75,000. The Sunday school section will be erected later.

PUENTE, L. A. Co., Cal.—Archt. Albert C. Martin, 430 Higgins Bldg., Los Angeles, has completed plans and is taking bids for erecting a church and residence at Puente for the Roman Catholic Bishop of Los Angeles and San Diego. Church to seat 300 people and residence to contain 9 rms.; frame and plas. constr. Cost $30,000. plas. constr. Cost $30,000.

ONTARIO, San Bernardino Co., Cal.—Archt. Albert C. Martin, 430 Higgins Bldg., L. A., has completed plans and is taking bids for erecting a church at Ontario for Roman Catholic Bishop of Los Angeles and San Diego. Brick constr., I-story with balcony, slate rfg., hardwood and pine fls., art glass, unit gas htg., pipe organ; $40,000.

FACTORIES & WAREHOUSES

Owners Taking Figures.
FACTORY Cost—
OAKLAND, E 12th St. 125 E of 16th Avenue.
One-story brick factory.
Owner — Oakland Refrigerator and Butchers Supply Co., 2766 Grove St., Oakland.
Architect—A. W. Smith, 1010 Broadway, Oakland.

Plans Being Prepared.
WAREHOUSE Cost, $30,000
SAN FRANCISCO, W 2nd St., N South Park.
Two-story reinforced concrete warehouse.
Owner—MacDonald & Kahn, 130 Montgomery St., S. F.
Lessee—Palmolive Soap Co.
Architect—S. Heiman, 57 Post St., S. F.
Contractor — MacDonald & Kahn, 130 Montgomery St., San Francisco.

Plans Being Figured.
MILL BLDGS. Cost, $2,000,000
SOUTH SAN FRANCISCO, San Mateo Co., Cal., Swift St., 14 acres.
Rolling mill buildings.
Owner—Metal & Thermit Cptn. (E. W. Kardos, district manager), Swift St., So. San Francisco.
Architect—Engineering Dept. of owner, Frank I. Ellis, Pittsburgh, Pa.
The steel work has been awarded to the Union Construction Co., Balfour Bldg., S. F.

Plans Being Prepared.
LUMBER MILL Cost, $——
SAN FRANCISCO, SW Jerrold Ave. & Napoleon St., 300,000 sq. ft.
New lumber mill (50,000 square feet of ground floor space in buildings devoted to a planing mill, sash and door factory, dry kiln and lumber sheds).
Owner—Reinhardt Lumber & Planing Mill Co.
Architect—Owner.
Work will be started in about three months.
The industry will be served by 1000 feet of spur track by the Western Pacific Railroad. Rough lumber will be unloaded from schooners at Islais creek wharf and brought in over Napoleon street, which is to be filled and paved.

Contract Awarded.
FACTORY Cost, $25,000
SAN FRANCISCO, Fifth and Shipley Streets.
Two-story reinforced concrete and frame candy factory.
Owner—Fredrick H. Meyer.
Lessee—Ernest Wilson Co., 325 Geary St., San Francisco.
Architect—Meyer & Johnson, Bankers' Invst. Bldg., San Francisco.
Contractor—Geo. Wagner, 251 Kearny St., San Francisco.

Bids Opened.
WAREHOUSE Cost, $100,000
SACRAMENTO, Cal., 3rd and Q Sts.
One-story & basement reinforced concrete warehouse.
Owner—Lindley & Co.
Architect—Dean & Dean, Library Bldg., Sacramento.

Campbell Const. Co., Sacto.	$79,864
Wm. Murcell, Sacramento	79,967
Wm. Keating, Sacramento	80,080
Fred Hetz, Sacramento	82,000
Geo. Hudnutt, Sacramento	82,917
Hayes-Oser Co., S. F.	88,000
Herndon & Finnigan, Sacto.	88,455
Chas. Mabrey, Sacramento	89,350
H. W. Robertson, Sacramento	89,550
Davison & Nicholsen, Sacto.	90,600
Beck & Kohn, Sacramento	94,970
Holdener Const. Co., Sacto.	101,638

Bids include all work except elevators. Bids were taken under advisement.

Commissioned To Prepare Plans.
FACTORY Cost, $1,000,000
LOS ANGELES, Cal., 6½ ac tract 59th and Hanson Avenue.
Group of reinforced concrete factory buildings.
Owner—Continental Furniture Mfg. Co.
Architect—S. Heiman, 57 Post St., S. F.

Construction To Start May 21st.
FACTORY (1st unit) Cost, $125,000
EMERYVILLE, Alameda Co., Cal., Blk. bounded by Haven, Harlin, Park Ave. and Santa Fe tracks.
Two-story reinforced concrete factory bldg. 262x82 (designed for 5 stories 240x400) brick curtain walls, steel sash, freight elevators, flat slab construction.
Owner—Doble Steam Motors Co., 714 Harrison St., San Francisco.
Engineer—Earl Markwart, % Lindgren Co., Monadnock Bldg., S. F.
Contractor—Lindgren Co., Monadnock Bldg., San Francisco.
Steel awarded to Columbia Steel Co.
Steel sash bids in.
Sub-figures on the balance of the work will be taken about May 19th.

SALEM, Ore.—Cuyler Van Patton & Son, Salem, Ore., designers and builders have contract to erect one story, 96 by 148 ft., hollow tile and heavy mill construction cannery at Trade and Liberty Sts. for the Northwest Canning Co. Est. cost $40,000, exclusive of machinery to cost approx. $60,000.

SACRAMENTO, Cal.—Capitol Candy & Cracker Co., 810 2nd St., Sacramento, plans additions to plant, according to announcement of Chas. M. Thomsen, assistant general manager of the Pacific Coast Biscuit Co., a subsidiary of the Sacramento concern.

LOS ANGELES, Cal.—Archt. W. J. Saunders, 227 Laughlin Bldg., has completed plans for a 3-story class A laundry bldg. to be erected on north side of 6th St. near San Pedro St., for the City Towel Supply Co. Bids are being taken for all work complete in one contr. Dimensions, 45x99 ft., reinf. conc constr., steel sash.

LOS ANGELES, Cal.—Archt. Albert C. Martin, 430 Higgins Bldg., is preparing plans for a 5-story and basement class A warehouse to be erected on San Pedro St. near Commercial St., for L. A. Warehouse Co. It will be 100 by 160 ft. reinf. conc. constr., flat slab system, comp. rfg., steel sash, steel rolling doors, office partitions, elevators.

PLACENTIA, Orange Co., Cal.—Fred Summers, Pomona, and 2650 Santa Fe Ave., Los Angeles, has the contr. to erect 2 reinf. conc. storage and pre-cooling plants. Approx. 125x145 ft. each, one at Placentia and the other at Fullerton, for the Placentia Orange Growers' Assn. The one at Placentia will be 2-story in the pre-cooling portion and 1-story for the ice and storage portion; cost $85,000. The bldg. at Fullerton will be of slow burning constr. Each plant will have ice-making machinery of about 30-ton capacity. Gay Engineering Co., 2650 Santa Fe Ave., Los Angeles has the contr. for all ice and pre-cooling machinery, est. to cost $45,000 for the Placentia, and $35,000 for the Fullerton plant. The Gay Co. will also furnish the cork insulation.

C. H. BROWN
Plaster Contractor
220 S. TWELFTH ST.
Richmond, California
PHONE RICHMOND 1035

LOS ANGELES, Calif.—Macdonald & Kahn, Loew State Bldg., have been awarded a contr. to erect a 5-story and basement class A warehouse at Vernon Ave. and Alameda St., for Sam Selig Co. Dimensions, 162x127 ft., reinf. concr. constr., steel sash, metal skylights, elevators, steel rooling doors. It will contain general offices and warehouse space and an assembly room, 127x80 ft. on the fifth floor; $350,000.

LOS ANGELES, Calif. — Archts. Walker & Eisen, 325 Pac. Finance Bldg., Los Angeles, are completing plans for a 5-story and basement class A loft bldg. to be erected at 15th and Los Angeles Sts. for L. A. Rubber Stamp Co. It will be 50x150 ft., steel frame constr., brick filler walls, reinf. concr. flrs., press brick facing, plate glass, steel sash, elevators. The bldg. is designed for 8 stories. Bids will be taken this week.

REDDING, Shasta Co., Cal.—Swayne Creosoting Plant, will make improvements totaling $6,000 in addition to installing two steel storage tanks to increase creosote capacity to 40,000 gals.

LOS ANGELES, Cal.—Clinton Constr. Co., Stock Exchange Bldg., L. A., and 923 Folsom St., S. F., has been awarded the contr. to erect a 5-story and basement class A warehouse on Factory Pl. near Alameda St., for Dohrmann Commercial Co. The scale contract was awarded to Howe Scale Co. and the sprinkling system to Pacific Fire Extinguisher Co. Elevators and conveyor bids are still under advisement. Plans by Ashley & Evers, 38 Sutter St., S. F. Dimensions 135x150 ft. reinf. conc. construction, stucco exter., steel sash, comp. rfg., metal skylights, elevators, steel rolling doors; cost $180,000.

GOSHEN, Tulare Co., Cal. — R. H. Willis, Goshen, is financing reconstruction of old creamery building recently destroyed by fire. Cost of improvements is placed at $35,000, exclusive of machinery to cost $12,000, already purchased.

FLATS

Contract Awarded.
FLATS $14,000
OAKLAND, E. Ayala 125 N Martin St.
Two-story 16-room flats and garage except shades and light fixtures.
Owner—Sangiacomo & Guido, 458 9th Ave., San Francisco.
Contractor—G. Sangiacomo.

Plans Being Figured.
FLATS Cost, $14,000
SAN FRANCISCO, Day and Dolores Sts.
Two-story and basement frame and brick veneer flat bldg. (2 5-room flats), and garage.
Owner—Withheld.
Architect — Ames & Jorgensen, 454 California St., S. F.
Bids are being taken for a general contract except electrical work and painting.

Contract Awarded.
FLATS, ETC. Cost, $19,400
SAN FRANCISCO, N Twenty-fourth St. 135 E Mission St.
Three-story and basement frame laundry and (2) flats.
Owner—Jean and Anna Pats, 2819 Mission St., San Francisco.
Architect—John J. Foley, 770 5th Ave., San Francisco.
Contractor—H. S. Meinberger, 5720 California St., San Francisco.

GARAGES

To Award Contract.
GARAGE Cost, $14,700
BERKELEY, Alameda Co., Cal. Derby and Shattuck Aves.
One-story reinforced concrete commercial garage.
Owner—C. McCarron, Chevrolet Agency
Architect—W. H. Ratcliff Jr., 1st National Bank Bldg., Berkeley.
Low Bidder—Walter Murch, Federal Bldg., Oakland.
There were four other bidders.

Plans Being Figured.
ADDITION Cost, $15,000
SAN FRANCISCO, N Fell St. W Gough. One-story brick addition to garage. Owner—Comstock et al.
Architect — O'Brien Bros., 315 Montgomery St., San Francisco.

LONG BEACH, Los Angeles Co., Cal.—Architect W. Horace Austin, 222 1st National Bank Bldg., Long Beach, is preparing plans for a three-story, Class A reinforced concrtete public garage building, to be erected on a 150x150 ft. site at Third and Olive Sts., Long Beach, for Harry Ross. Richards & Fry, lessees for the California Garage & Service Corp. Metal sash, ramp driveways throughout.

GOVERNMENT WORK AND SUPPLIES

COVELO, Mendocino Co., Cal.—Until May 21, 10 A. M., bids will be rec. by W. W. McConihe, Sup't., Round Valley Indian Agency, Covelo, to const. 3-room school of fireproof construction to cost within $18,000. **See call for bids under officint proposal section in this issue.**

WASHINGTON, D. C.—Until May 19, 10:30 a. m., under Circular No. 1526, bids will be rec. by Panama Canal Commission, for fur. and del. iron and steel, brass, copper, electrical supplies, wire and cable, manila rope, steel springs, bronze bars, brass washers, bronze guides and strips, bronze holts, driver brake shoes, steel beds and springs, asphalt prepared roofing, paint spraying outfits, scales, garbage cans, hammer handles, pneumatic grinders, poultry netting, wheelbarrows, water buckets, extension ladders, cork, metal cans, cutting torches, lathes, glass, mop heads, brushes, marline, steel conduit and pipe, nails, hinges, nuts, rivets, bolts, files, hose, sash cord, valves, paint, varnishes, putty, pitch, calcium carbide, solder, metal polish, coke, packing, mica, files, emery cloth, sandpaper, and lumber. Spec. obtainable from Assistant Purchasing Agent, Fort Mason, San Francisco.

MARE ISLAND, Calif.—The following are the three lowest bids received on May 2d by the Public Works office for shingling the roofs of eight buildings, designated as "West Barracks" and numbered 342, 344, 346, 348, 350, 352, 366 and 374, all at the U. S. Navy Yard, Mare Island, California, under Drawings and Specification No. 4825.
Eugene Bruce, 475 8th Ave., San Francisco, Prop. (1), $2639.80 (2), add., $184.
J. Branagh, Oakland (1), $2765 (2), deduct $54.
F. H. Warren, Vallejo (1), $3186 (2), add, $52.
Bids were forwarded to Washington with a recommendation to award the contract to E. Bruce. A complete list of the bids will be given tomorrow.

GIGLING, Monterey Co., Calif—Bids will be received until May 7, 1923, at 11 a. m., by the U. S. Constructing Quartermaster's Office at Fort Mason for the water system at Gigling Reservation, near Salinas, in Monterey County. Bids are being taken on two propositions—Prop. "A": Set 500 gals. per mi. pump and 75 h. p. motor (furnished by government) and furnish and install 1845 ft. 6 in. double riveted pipe and 1408 ft. 6 in. galv. iron pipe. Prop. "B": Same as "A" with addition of 1110 ft. 6 in. galv. iron pipe. Work includes all setting of gate valves, connections, etc.

GIGLING, Monterey Co., Cal.—The following bids were opened on April 26th by the Constructing Quartermaster at Fort Mason for drilling a well at Gigling:
P. H. Litchfield, Watsonville: $2.50 ft. 1st 50 ft., $3.00 ft. 2nd 50 ft.; $3.50 3rd 50 ft; $4.00 for 150 to 200 ft.; add $1.97 for 12-in. casing.
D. C. Marcus: $7.50, $8.00, $8.50 and $9.00.
G. H. Brownly, Salinas, $7.41, $7.91, $8.41, $8.91.

OFFICE CONSTRUCTING QUARTERMASTER, Fort Mason, Calif. Sealed proposals will be received here until 11 A. M., May 8, 1923, for constructing a Receiving Ward at Letterman General Hospital, Calif. $10.00 deposit required for return of plans.

CALIFORNIA—A. D. Kern, Portland, Ore., at approx. $300,000 and $200,000 respectively awarded contract by U. S. Engineer Office, Customhouse, San Francisco, for reinforce and extend jetty at Humboldt Bay and extend breakwater at Crescent City.

SAN FRANCISCO—Until June 1, 11 A. M., bids will be rec. by U. S Engineer Office, Customhouse, for dredging and building training wall in Richmond Harbor. Further information on application.

WASHINGTON, D. C.—Bids are being rec. by Bur. of Supplies & Accounts, Navy Dept., for fur. materials to Navy Yards; date for opening bids as noted at end of each paragraph:

Schedule 741, for San Diego, 1 universal woodworking machine, May 8.

Schedule 748, for Mare Island, 4000 sq. ft. floor tiling, May 15.

Schedule 749, for Puget Sound, large quantities of floor tile, May 22.

Schedule 750, for San Diego, 32,000 ft. spruce, May 22.

Schedule 751, for Mare Island, 15 valve-reseating outfits, complete, May 22.

Schedule 762, for Mare Island, 1,700 and 3,500 water boiler glasses, May 22.

Schedule 761, for eastern and western navy yards, fire bricks, cement, clay, etc., May 29.

AT THE Mardi Gras Ball.
GIVEN BY the Islam Shriners.
IN EXPOSITION Auditorium.
ON SATURDAY night last.
AL ROOFING Pape.
WON A gold watch.
AND SO did Clarence Pratt.
OF THE Pratt Building Material Co.
DOUGLAS 300—"easy to remember."
AND PRODUCER.
OF CLEAN, sharp sand.
FOR THE best sustained character.
AL, WHO buys roofing gravel.
FROM SANDY Pratt.
WON FIRST prize.
AND SANDY received second prize.
AL REPRESENTED some colored gentleman.
FROM AFRICA or South Seas.
AND SANDY Pratt.
WAS JACK Hamlin, gambler.
FROM HANGTOWN, California.
SANDY WORE his '49 outfit.
A PICTURE of which appeared.
IN BOTH the Chronicle.
AND DAILY Pacific Builder.
BOTH NEWSPAPERS.
OF MAMMOTH circulation.
AND EVERYTHING.
SANDY PRATT had just returned.
FROM SACRAMENTO and Folsom.
AND AT the latter place.
SANDY PROPOSES to build.
A $200,000 plant.
TO CRUSH rock and gravel.
FROM THE gold dredgers.
SANDY'S UNIFORM was true.
TO THE days of '49.
THAT BRET Harte wrote about.
AND SANDY gave out cards.
REGULAR PLAYING cards.
WITH THE following words.
PRINTED ON them.
"JACK HAMLIN, poker, etc.
HANGTOWN, California."
AND SANDY'S uniform.
OF 1849 style.
BOOTS, RED shirt and all.
WAS SUPPOSED to be.
JUST AS Bret Harte.
DESCRIBED JACK Hamlin.
RALPH SUPERVISOR McLeran.
OF RALPH McLeran Co.
WAS ONE of the judges.
EITHER FOR friendship.
OR FOR sympathy.
RALPH HELPED Sandy.
WIN THE prize.
OF A beautiful gold watch.
"I THANK you."

This photograph shows a scene near Clarence Sand Pratt's American River Sand Plant and the proposed new $200,000 rock and gravel crushing plant to be erected by said Sandy Pratt and some of his friends.

WASHINGTON, D. C.—Devault & Dietrick, Canton, Ohio, submitted low bid to supervising archt., Treasury Dept., Washington, D. C., at $92,283 for constructing postoffice bldg. and custom house at Nogales. Other bids were: H. J. Farmer, Box 1083, Nogales, $95,480. Charles Weitz' Sons, 713 Mulberry St., Des Moines, Ia., $98,000. J. C. Miller, 521 Lebanon Ave., Campbells, ville, Ky., $102,600.

SAN FRANCISCO—Until May 5, 11 A. M., bids will be rec. by U. S. Engineer Office, 85 2nd St., under Order No. 4506/425, for fur and del. Rio Vista, Solano County, miscellaneous castings. Blanks for bidding and further information obtainable from above.

SAN FRANCISCO—Until May 7, 11 A. M., bids will be rec. by U. S. Engineer Office, 85 2nd St., under Order No. 4516/425, for fur. and del. in water at Sacramento or San Francisco or f. o. b cars r. r. point designated by bidder: for approx. 15,000 lin ft. Douglas Fir piling; furnished in the following lengths:

80 lengths	approx	30	ft.
125 "	"	35	"
125 "	"	40	"
80 "	"	45	"
30 "	"	50	"
30 "	"	60	"
35 "	"	70	"
35 "	"	80	"

Further information together with blanks for bidding will be furnished on request.

WASHINGTON, D. C.—Word has been received from Washington that all bids received on April 25th for the reconstruction of Dike 14 at Mare Island have been rejected and the changing of the location is now under consideration. Following is a complete list of the bids received, the two lowest were previously reported on April 25th.

Item 1, entire work, complete; 2, do alternative design No. 1; 3, do alternative design No. 2.

Healy-Tibbitts Constr. Co., 64 Pine St., San Francisco, item 1, $122,800, 250 days; 2, $67,520.

Clinton Constr. Co., 923 Folsom St., San Francisco, item 1, $125,108; 2, $81,000.

San Francisco Bridge Co., 14 Montgomery St., San Francisco, item 1, $148,000, 250 days.

Tibbitts Pacific Co., 16 California St., San Francisco, item 1, $120,939, 250 days; 2, $68,872; alt. item 1, $111,295, 225 days; alt. item 1, $104,500.

SEATTLE, Wash.—Until May 11, 11 a. m., bids will be rec. by Alaskan Engineering Commission, Bell St. Terminal, for fur. and del. under Req. SC-4416: one ammonia purifier, as Page 4, Fig. 6, Bulletin 167, De La Vergne Machine Co., Refrigerating Dept. For 1½-in. suction line.

WASHINGTON, D. C.—Bureau of Yards and Docks, Navy Dept., has completed Spec. 4764 for two barrack buildings to be erected at San Diego and applications for plans may be filed by contractors desiring to submit bids. Bids for construction will be asked shortly.

HALLS AND SOCIETY BUILDINGS

Segregated Bids Being Taken.
CLUB BLDG. Cost, $75,000 to $80,000
BERKELEY, Alameda Co., Cal., Corner Bancroft Way and Bowditch St.
One-story reinforced concrete and steel Class B club building (Built for additional stories).
Owner—Masonic Club of the University of California, Hotel Bancroft, Bkly.
Architect — Carl Werner, Santa Fe Bldg., San Francisco.
Segregated bids are being taken for carpenter work, brick work, heating, plumbing, electric wiring, painting, etc.
As reported, the concrete work and excavation was awarded to C. L. Wold Co., 185 Stevenson St., San Francisco, at $7900, and the steel to Central Iron Works, 2050 Bryant St., San Francisco, at $12,392.

Contract to Be Awarded to Lowest Bidder.
SACRAMENTO, Cal., 7th & S St.
Two-story brick addition to bldg.
Owner—Grace Day Home.
Architect—Dean & Dean, City Library Bldg., 9th & L Sts., Sacramento.
Chas. Mabrey Co., Ochsner Bldg., Sacramento $19,167
Wm. Murcell, Sacramento..... 20,709
Fred Betz, Sacramento 20,784
H. W. Robertson, Sacramento.. 20,908
Herndon & Flannigan, Sacto..... 20,890
Campbell Constr. Co., Sacto..... 22,660
Holdener Constr. Co., Sacto... 22,350
J. A. Causback, Sacto. 23,243.50
Geo. D. Hudnutt, Sacto..... 24,444
Edw. Hook, Sacramento 24,863

Completing Plans—Bids To Be Called for in About Three Months.
TEMPLE BLDG. Cost, $250,000
SAN JOSE, Santa Clara Co., Cal. 3rd and James Sts.
Four-story and basement reinforced concrete temple bldg.
Owner—San Jose Masonic Temple Association.
Architect — Carl Werner, Humboldt Bank Bldg., San Francisco.

Plans Being Prepared.
CLUB Cost, $15,000
PLACERVILLE, El Dorado Co., Cal.
One or 2-story brick and frame club.
Owner—Shakespeare Club.
Architect—Frederick S. Harrison Peoples Bank Bldg., Sacramento.

Officially Commissioned to Prepare Plans.
HOTEL & CLUB Cost, $750,000
SAN FRANCISCO. SW Sutter and Mason Streets.
Nine-story Class A Women's hotel and club building.
Owner—Women's Building Association.
Architect—Bliss & Faville, Balboa Bldg San Francisco.

HANFORD, Kings Co., Cal.—Hanford Lodge No. 1259, Benevolent and Protective Order of Elks, is having plans prepared for a new lodge and club building to be erected at West 7th and Redington St. Frontage of 150 ft. on Redington and 100 ft. on 7th St. Details of construction will be available when plans are completed.

LONG BEACH, Cal.—H. L. Gogerty, 239 E-Broadway, Long Beach, is preparing plans for a $1,000,000, 10-story, Class A concrete and steel hotel and athletic club building, to be erected at the northeast corner of Ocean Blvd. and Locust Ave., Long Beach, on a 150x150 ft. site leased for 99 years by C. J. Harper, Sea Gull Apartments, Long Beach. Gordon B. Poxson and Arthur W. Baruch, contractors, Hollywood. Ten stores, 250 hotel rooms, each with bath, 6 lower floors to be occupied by the Long Beach Athletic Club. Six elevators, mezzanine, gymnasium, hand ball and bowling alleys, dining and dancing room.

HERMOSA, L. A. Co., Cal.—The Surf and Sand Club which proposes to build a club house on the Ocean Front, will start work about July 1. The bldg. will have several stories, containing sleeping rms., dining rm., library, solarium, grille, bathing establishment, children's play rm. Myron Hunt, Hibernian Bldg. Los Angeles, archt. About 200 members have signed.

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SANTA MONICA, L. A. Co., Cal. — G. M. Fletcher, 909 N Hobart Blvd., L. A. has been awarded a contr. at about $80,000 for erecting a new clubhouse in Santa Monica Canyon for the Uplifters Club.; Dodd & Richards, 905 Brack-Shops Bldg., L. A., archts. It will be semi-fireproof constr. 1-story, 300x150 ft., hollow concr. walls, clay tile rfg., plas. exter., conc. partitions, pine trim.

SAN PEDRO, L. A. Co., Cal.—Army and Navy Y. M. C. A. has secured a location in San Pedro and the assn. is preparing to complete arrangements to finance a $750,000 bldg. project. The national committee has pledged $500,000 and $250,000 will be raised locally. L. S. Anderson, Thos. L. Baker, Henry G. Babcock, C. H. Cleveland are among the directors.

HOSPITALS

Plans Being Figured—Bids Close May 21, 1923, 10 A. M.
LIVERMORE Alameda Co., Cal. 45 acres adjoining Arroyo Sanitarium "Del Valle Farm."
One-story frame dormitory to house 25 children, 1st unit of children's outdoor farm (cottages, swimming pool, tennis courts, etc.)
Owner—Alameda County Anti-Tuberculosis Assn., 3105 Grove St., Oakland.
Architect — Henry H. Meyers, Kohl Bldg., San Francisco.
The first unit will cost about $20,000.
Bids are being figured for a general contract, plumbing, wiring and heating. Plans may be obtained from the architect's office.
See call for bids under Official Proposals.

Bids Opened.
HOSPITAL Cost, $600,000
SACRAMENTO, Sacramento Co., Calif., 40th and J Sts.
Five-story reinforced concrete hospital building (terra cotta exterior).
Owner—Sisters Hospital.
Architect—R. A. Herold, Forum Bldg., Sacramento.
Wm. C. Keating, Capitol National Bk. Bldg., Sacramento.$398,800
K. E. Parker, San Francisco.. 409,500
Wm. Murcell, Sacramento.... 419,964
Mathews' Const. Co., S. F..... 438,000
R. McLean Co., S. F..... 442,900
Figures were taken for a general contract except the mechanical equipment (plumbing, heating, ventilating and electrical work), for which bids will be taken later.

Plans Being Prepared.
HOSPITAL Cost, $750,000
OAKLAND, NW Telegraph Ave., & 31st Street.
Eight-story class A hospital 175x131.
Owner—Oakland Hospital Association.
Architect—Maury I. Diggs, 1901 Telegraph Ave., Oakland.
A physicians building will be erected connecting with the hospital. See "Banks, Stores & Offices," this issue.

STOCKTON, San Joaquin Co., Cal.—De Malo Hospital Association has filed articles with the county clerk at Stockton. Company is capitalized at $50,000 for the purpose of erecting a modern hospital in the city of Stockton. Stockholders are: A. S. Lagorio, Gertrude Young, Clementine Gant, Rosalie Beck, J. F. Helms and C. H. Vance. The latter is attorney for the association and maintains offices in Stockton.

HOTELS

TUSCON, Ariz.—E. C. English, 508 Citizens Natl. Bank Bldg., Los Angeles, is in Tucson on business connected with the class A tourist hotel which he proposes to build in that city, on a site near the Country Club. It is reported that Mr. English has assured Tucson business men that he plans to proceed with the project which is to cost $650,000, since he was awarded the contract for the Tucson high school, which has materially lowered the cost of material, equipment, etc. as they can be erected almost simultaneously. The proposed hotel will contain 164

sleeping rms. all outside, with other usual depts., such as dining rm., ball rm., banquet hall, barbership, baths, etc. The bldg. will be built with main structure and four wings, forming a cross, 3-story in height. The entire ground floor of the main structure will be devoted to lobby and lounge.

Plans Being Prepared.
STORE & HOTEL Cost, $400,000
FRESNO, Fresno Co., Cal., J and Inyo Streets.
Eight or 10-story reinforced concrete store and hotel (200 rms.)
Owner—Messrs. Shepherd & Teague et al.
Architect—B. G. McDougall, 381 Bush St., San Francisco.

Working Drawing Being Prepared.
ADDITION $1,000,000 approx.
SAN FRANCISCO, S Post W Powell.
Five-story and basement class A addition to hotel St. Francis (designed to carry 5 additional stories.)
Owner—St. Francis Hotel, Powell and Post Sts. S. F.
Architect—Bliss & Faville, Balboa Bldg San Francisco.

LOS ANGELES, Cal.—L. A. Smith, 3rd and Western Ave., has prepared plans for a 5-story and basement class A hotel bldg. to be erected at n.e. cor. of 2nd and Figueroa Sts. for Arthur Mortimer, 818 Chapman Bldg. It will contain 170 rms.; reinf. conc. constr., plas. exter., plate glass, marble and tile work; cost $350,000.

REDLANDS, San Bernardino Co., Cal. —Proposed hotel for this city will be a combined hotel and apt., costing approx. $400,000. The bldg. is to be erected by a syndicate composed of local capitalists and O. A. Brown Co., security Bldg., Los Angeles, who, with the assistance of the Redlands Realty Bd. and Chamber of Commerce, are backing the project. The matter will be further considered at the next meeting of the Realty Board, April 27.

LOS ANGELES, Cal.—F. G. Hunter, 808 Garland Ave., owner, is taking bids for the erection of a 4-story brick hotel bldg. at 721 Garland Ave. It will contain 86 rms. with 50 per cent baths and toilet for each rm.; lobby on ground fl. and laundry in basement under front portion; 50x135 ft., enam. brick front, terra cotta trim, and granite base. Archt. E. Van Den Hoven, 607 Ferguson Bldg., prepared the plans.

LOS ANGELES, Cal.—Archt. Leonard L. Jones, 603 Grosse Bldg., L. A., has been commissioned to prepare plans for a 4-story class C hotel to be erected on Santa Monica Blvd near Western Ave. for Mrs. M. L. Garrigus; will contain 100 rms., each with bath and dressing rm., with large lobby, shops and stores on 1st floor. Brick, 4-story and basement, press. brick facing, art. stone or Terra Cotta trim, steam htg. system, cost, $125,000.

LOS ANGELES, Cal.—A. C. Blumenthal and Macdonald & Kahn, Loew State Bldg., have purchased a lot on 7th St., bet. Valencia St. and Union Ave., and will erect an 8-story and basement class A hotel-apt. bldg. to cost $300,000. S. Tilden Norton, 330 Pac. Finance Bldg., will be the archt. The site is 60x117 ft. and the bldg. will contain 300 rms. Reinf. conc. constr. Macdonald & Kahn will be the contrs.

LONG BEACH, Cal.—See "Halls and Society Buildings," this issue.

SAN BERNARDINO, Cal.—Announcement has been made of plans to add two stories to proposed 4-story hotel which the Frank C. Platt Investment Co. is to build at Fifth and E Sts. The building, as planned now will contain 172 rooms with 10 stores on the ground floor. Spanish architecture. Estimated cost, $150,000. Work is to start about June 15.

TACOMA, Wash.—Bids to remove structures from the site of the proposed $1,000,000 hotel to be erected by the Citizens Hotel Corp., are being received, to be opened May 7, following which bids to erect the new structure will be asked. W. L. Stoddard, Architect, is now in Tacoma completing details.

LOS ANGELES, Cal.—Davies Constr. Co., I. W. Hellman Bldg., has the contract to erect a 6-story class A hotel bldg. at n.e. cor. of 6th and Coronado Sts., for Ella B. Squires. It will be 89x133 ft. and will contain 130 rms.; reinf. conc. constr., plas. exter., marble and tile work, $175,000.

ICE AND COLD STORAGE PLANTS

EUREKA, Humboldt Co., Cal.—Eureka Ice & Cold Storaage Co., capitalized at $200,000, has been organized at Eureka and will shortly commence construction of a plant on a site containing approx. 50,640 sq. ft. Ice plant will produce 15 tons a day; cold storage capacity of 149,000 cu. ft.

VISALIA, Tulare Co., Cal.—Lemon Cove Community Storage Co., has filed articles of incorporation with the county clek. Purpose of company is to finance construction of cold storage plant at Lemon Cove.

POWER PLANTS

SACRAMENTO, Cal.—City Eng. Albert Givan completing spec. for Silver Creek Power project. Plan proposes to develop 150,000 h. p. water to be impounded in Union Valley on main fork of Silver Creek and at Ice House on south fork of Silver Creek. Main reservoir will have dam ultimately 302 ft. high, impounding 164,000 ac. ft. Dam at ice house will be 138 ft. high, impounding 46,000 ac. ft. Water from ice house will be conducted by tunnel into the water shed of Middle fork, down which stream it will flow to main reservoir in Union Valley on main stream. Proposed to locate power plant No. 1 on big bend of Silver Creek ultimately generating 70,000 h. p. Below power plant, located at mouth of Jaybird creek, it is proposed to const. diversion dam. First stage of this development, according to present plans, is to generate approx. 30,000 h. p. or twice as much as the consumption of the city at the present time.

LOS ANGELES, Cal.—General Electric Co. and Western Electric Co. submitted identical bids to pub. service comm. at $850 each for motor generator set under spec P-307-357. Ideal Electric & Mfg. Co., Mansfield, Ohio, bid $980.

SEATTLE, Wash.—Until May 11, 10 A. M., bids will be rec. by C. B. Bagley, Sect'y. Bd. Pub. Wks. for fur. wires, cables and cable terminals for City Light Dept.

Proposals will be received for the complete equipment, or any of the divisions as follows: Steel wire armoured lead covered cable; lead covered cable; varnished cloth asbestos braid station wire; hard drawn bare copper wire and cable terminals. Cert. check 5/ payable to City Comptroller req.

MODESTO, Stanislaus Co., Cal. —Bids have been ordered received by directors of Modesto Irrigation District to construct transmission line from boundary line of Turlock Irrigation Dist. to proposed Modesto sub-station. District will furnish materials. R. J. O'Connell is electrical eng. for district.

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PUBLIC BUILDINGS

Plans on File in Office of Building and Engineering News.

Plans Being Figured—Bids Close May 29, 1923, 10:30 a. m.
CITY HALL Cost, $600,000
STOCKTON, San Joaquin Co., Cal., El Dorado, Center, Fremont and Lindsey Streets.
Class A City Hall.
Owner—City of Stockton.
Architect—J. Pearce, of David-Heller-Pearce Co., Jos. Losekann and Pete Sala, as a firm, Delta Bldg., Stockton.
Bids are being taken as follows:
All work complete.
General Contract.
Heating.
Plumbing.
Electrical wiring.
Complete mechanical equipment.
Jail equipment.
Deposit of $100 required on general contract, plans and specifications, and $50 on other sub-contracts.
See Notice To Contractors under Official Proposals.

MOUNT VERNON, Wash. — Skagit County Commissioners approve plans of Archt. T. F. Doan, of Bellingham, Wash., for 3-story reinforced concrete courthouse; est. cost $200,000. Will cover an area of 70 by 155 ft. Bids will be asked shortly.

CARSON CITY, Nev.—Thos. O'Brien, Clerk, State Board of Prison Directors, is taking bids for pipe and steel materials required for the installation of cells in three-story addition to the state prison.

FRESNO, Fresno Co., Cal.—Council, R. Y. St. George, City Clerk, will ask bids immediately to reconstruct fire station at 720 Van Ness Ave.; est. cost, $28,000 to be financed through the general fund.

SAN FRANCISCO—On recommendation of City Engineer M. M. O'Shaughnessy the Board of Public Works has requested the Supervisors to authorize the preparation of plans for the second-story addition to the municipal car barns in 17th st. Construction will be of reinforced concrete. Est. cost $150,000.

EL CENTRO, Imperial Co., Cal. — Until 11 a. m., June 4, bids will be rec. by supervisors of Imperial county at El Centro for erecting new court house, Don W. Wells and Ralph Swearingen El Centro, archts. Bids will be taken on 12 separate contracts and also on a combination of contracts 1 to 8 incl. Segregated contracts are: (1) excav., conc. and masonry, (2) carpentry, (3) cast stone, (4) plastering, (5) marble & terrazzo, (6) ornam. iron and sheet metal, (7) painting, (8) roofing, (9) elec. work, (10) heat. and vent., (11) plumbing and sewers, (12) finish hdwe. Cert. chk. or bond for 10%. Deposit of $25 for plans. C. G. Mousseau, county clerk. It will be 2-story with half basements, of classic design; reinf. conc. constr.; approx. $20,000 of the amount realized from the sale of the bonds, viz. $303,000, will be used for furnishings. The validity of the bond issue has been settled by court decision.

SACRAMENTO, Cal.—Only one bid was received by the State Architect's Office for boiler installation and equipment for the Berkeley Blind Home. It was submitted by Scott Co. at approximately $7500.

FULLERTON, Orange Co., Cal.—Architects John C. Austin and W. Horace Austin, Assoc., Los Angeles and Long Beach, have been instructed by the city council of Fullerton to proceed with the revision of plans for the new Fullerton city hall for which bonds have been voted.

INGLEWOOD, L. A. Co., Cal.—W. M. Bell, 236 Douglas Bldg., was awarded a contract at $52,223 for erecting a new city hall bldg at Inglewood. Train & Williams, 226 Western Mutual Life Bldg., archts. Brick construction.

SAN DIEGO, Cal.—Archt. Eugene M. Hoffman, 408 Spreckles Bldg., San Diego, has completed plans, which have been approved by the supervisors, for proposed Home for Aged and Indigent. The group of bldgs. will be of Mission style, with stucco exter., part one and part two stories. The group comprises two wards for women, 110x45 ft., and two of similar size, for men. They will accommodate 64 of each sex. There will be private accommodations for others, bringing the total capacity to 152 persons. The 2-story administration bldg. will have general reception rms., play ground floor, with offices, etc., above. A dining rm. seating 152, will be provided. All bldgs., except the administration, will be of fire-proof constr., steam heating and vacuum cleaning. The board appropriated $40,000 last year for this work. It is probable that the site will necessitate another appropriation or the selection of site on county grounds.

RESIDENCES

Contract Awarded.
RESIDENCE Cost, $12,000
SAN FRANCISCO, NE Anza and 12th Avenue.
Two-story and basement frame residence.
Owner—E. V. Chevisich, 1420 Balboa St., San Francisco.
Architect & Contractor—W. R. Lindeman, 530 Balboa St., San Francisco

Plans Being Figured.
RESIDENCE Cost, $8000
SAN FRANCISCO, Dolores & 30th Sts.
One-story and basement frame 5-room residence and garage.
Owner—Withheld.
Architect—Ames & Jorgenaen, 454 California St., S. F.
Bids are being taken for a general contract except electrical work and painting.

Plans Being Prepared.
RESIDENCE Cost, $12,000
PALO ALTO, Santa Clara Co., Cal.
One-story and basement residence and garage (8 rooms).
Owner—Mrs. Clarkson.
Architect—A. H. Knoll, Hearat Bldg., San Francisco.

To Be Done By Day's Work.
RESIDENCE Cost, $8000
LOS ALTOS, Santa Clara Co., Cal.
One-story frame and stucco residence.
Owner & Architect—A. H. Knoll, Hearst Bldg., San Francisco.

Bids To Be Called For Shortly.
RESIDENCE Cost, $9000
SANTA ROSA, Sonoma Co., Cal.
Two-story frame and stucco residence.
Owner—Eugene Farmer, Santa Rosa.
Architect—Miller & Warnecke, Perry Bldg., Oakland.

Figures To Be Taken Shortly.
RESIDENCE Cost, $10,000
MONTEREY, Monterey Co., Cal.
Two-story frame residence.
Owner—Mrs. C. C. Lester, Gilroy, Cal.
Architect—Miller & Wernecke, Perry Bldg., Oakland.

Plans Being Figured.
RESIDENCE Cost—
SAN FRANCISCO.
Three-story frame and stucco residence
Owner—Withheld.
Architect—Harry P. Merritt, 57 Post St., San Francisco.

To Be Done By Day's Work.
RESIDENCES Cost, $7000 each
OAKLAND, Lakeshore Ave.
Three 2-story frame and plaster residences.
Owner—Harry Fischer, Syndicate Bldg. Oakland.
Architect — W. E. Schirmer, Thayer Bldg., Oakland.

Figures To Be Taken Next Week.
RESIDENCE Cost, $8500
PALO ALTO, Santa Clara Co., Cal., Hamilton Ave.
Two-story frame and stucco residence
Owner—Cachot Davis.
Architect—John K. Branner, 251 Kearny St., San Francisco.

Figures Being Taken From Selected Contractors.
RESIDENCE Cost, $7500
BERKELEY, Alameda Co., Cal., Mariposa Ave., near Los Angeles.
Two-story and basement frame and stucco residence.
Owner—Norris Hovey.
Architect—Jas. W. Plachek, 2014 Shattuck Ave., Berkeley.

Contract To Be Awarded.
RESIDENCES Cost, $11,000 ea.
SAN FRANCISCO, St. Francis Wood.
Three 2-story frame residences (shingle and stucco exteriors)
Owner—Garden Homes Co.
Architect—H. H. Gutterson, 278 Post St., San Francisco.
Contractor—Mangels Bros., 4792 Mission St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $14,200
SAN FRANCISCO, St. Francis Wood.
Two-story and basement frame and stucco residence.
Owner—H. Cook.
Architect — Walter C. Falch, Hearst Bldg., San Francisco.
Contractor—John Morton, 180 Jessie St., San Francisco.

To Be Done by Day's Work.
DWELLINGS Cost, $4000 each
OAKLAND, 2600, 2700, 2800, 2900, 3000 & 3100 blocks of Monticello Ave.
49 1-story 6-room frame dwellings.
Owner—Arthur Bard Co., 2743 Madera Ave., Oakland.
This is the first group of 155 dwellings to be erected in this vicinity by the Bard Co.

Plans Being Figured.
RESIDENCE Cost, $25,000
SAN FRANCISCO, N Washington St., near Cherry.
Two-story and basement frame and stucco residence with tile roof (8 rooms and 2 bathrooms).
Owner—Joseph W. Salz.
Architect—Wm. F. Gunnison, 57 Poat St., San Francisco.
Plans will be given out at the end of this week for general bids.

Low Bidder.
RESIDENCE Cost, $——
OAKLAND(Alameda Co., Cal.
Two-story and basement frame and stucco residence.
Owner—Fred L. Hodkins.
Architect — Miss Julia Morgan, Merchants' Exchange Bldg., S. F.
Low Bidder—Jas. L. Rich, 943 42nd St., Oakland.
Other bids ran $9546, 9583, $9800 and $10,387.

Plans Completed.
RESIDENCE Cost, $40,000 Approx.
PIEDMONT, Alameda Co., Cal. Seaview Avenue.
Two-story and basement frame and stucco residence.
Owner—Mr. Wilson of Wilson Bros. & Co., 110 Market St., San Francisco.
Architect — B. G. McDougall and J. Martyn Haenke, 381 Bush St., San Francisco.

Plans Being Figured.
RESIDENCE Cost, $25,000
SAN FRANCISCO, St. Francis Wood.
Two-story and basement frame residence, separate garage and terraces (8 rooms).
Owner—Mr. and Mrs. J. Exnicios.
Architect—A. J. Horstman, Anglo Bldg. 16th and Mission Sts., S. F.
Figures are being taken for a general contract.

Plans Being Prepared.
RESIDENCE Cost, $9000
SAN FRANCISCO, 14th St.
Two-story and basement frame and stucco residence (7 rooms).
Owner—Harold Doherty.
Architect—A. J. Horstman, Anglo Bldg. 16th and Mission Sts.

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SCHOOLS

Working Drawings Being Prepared—Bids To Be Called for in Six Weeks
SCHOOL Cost, $150,000
CENTERVILLE, Alameda Co., Cal.
Class C High school bldg.
Owner — Washington Union High School District.
Architect—Henry H. Meyers, Kohl Bldg San Francisco.
Bonds have been voted.

All Bids Rejected—Plans to be Revised
SCHOOL Cost, $150,000
PIEDMONT, Alameda Co. Cal.
Two and three-story reinforced concrete Intermediate School building.
Owner—Piedmont School District.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
The lowest bids received on April 24th were as follows: General Contract, Hannah Bros., San Francisco $174,900
Heating, Scott Co., Oakland ... 14,178
Oil burner add $1480.
Electrical work, E. M. Coffin, Oakland 4,245
Plumbing, Carl T. Doell, Oakland 9,018
Cork carpet, D. N. & E. Walter Co., San Francisco 2,695
Window shades, Sloane Co., San Francisco 1,556

Architect to be Selected Shortly.
SCHOOL Cost, $750,000
ALAMEDA, Alameda Co., Cal.
Reinforced concrete 72 or 74-room high school.
Owner — Alameda City High School District.
Architect—To be Selected.
Bonds were voted in May 1st. Architect Carl Werner, Santa Fe Bldg., San Francisco, as consulting architect, prepared the preliminary plans for the bond election.

Contracts Awarded.
SCHOOL Cost, $250,000
YUBA CITY, Sutter Co., Cal.
Three 1 and 2-story hollow tile and pressed brick school buildings with tile roof.
Owner—Yuba City Union High School District.
Architect—Geo. C. Sellon & Co., Mitau Bldg., Sacramento.
Masonry and carpenter work to Holdener Constr. Co., 2310 J St., Sacramento, $132,966.
Plastering to Thos. Scollan, 2919 T St., Sacramento, $24,800.
Painting to Conrad Schneider, 1335 39th St., Sacramento, $7964.
Tile roofing to Gladding-McBean Co., $6475.
Complete mechanical equipment—Latourette-Fical Co., 907 Front St., Sacramento, $64,890.

Figures to be Taken in About a Week.
SCHOOL Cost, $25,000
PIEDMONT, Alameda Co., Cal. Piedmont Primary School Site
One-story reinforced concrete and stucco school (4 classrooms and kindergarten).
Owner—Piedmont School District.
Architect—W. H. Weeks, 369 Pine St., San Francisco.

Plans Being Figured—Bids Close May 15, 1923, 7 P. M.
SCHOOL BLDGS. Cost, $350,000
TAFT, Kern Co., Cal.
Three reinforced concrete high school buildings (gymnasium, auditorium and shop buildings).
Owner—Taft Union High School Dist., E. W. Nisbet Jr., Clerk.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
Bids are being taken on the following segregated contracts: (1) excavating and grading work; (2) terrazzo work; (3) tile work; (4) mason work; (5) carpenter work, including iron and steel work, (6) glass and glazing; (7) finish hardware; (8) lathing and plastering, (9) composition roofing; (10) terra cotta tile roofing, (11) electrical work; (12) plumbing; (13) sheet metal work, (14) painting and finishing; (15) heating and ventilating.
Plans may be obtained from the architect or from the clerk.
See call for bids under Official Proposals.

Sub-Figures Being Taken.
SCHOOL Cost, $80,000
OAKLAND, Alameda Co., Cal., Grove & 21st Streets.
Two-story brick private school (six classrooms, auditorium, small assembly hall, lecture hall, etc.)
Owner—St. Francis De Sales Church. Rev. F. X. Morrison, Pastor, NE Grove and Hobart St., Oakland.
Architect—Withheld.
Supt. of Constr.—J. J. Power, 774 20th St, Oakland

Low Bidder
SCHOOL Frame $26,235, conc $28,850
LYTTON, Sonoma Co., Cal.
One-story frame or concrete school (Wm. Booth School).
Owner—Salvation Army.
Architect—Norman R. Coulter, 46 Kearny St., San Francisco.
Low Bidder—Pete Jensen, 413 Bartlett St.
Gilley-Schmidt submitted the lowest bid for the heating at $2288.

Plans Being Prepared.
SCHOOL Cost, $50,000
NEEDLES, San Bernardino Co., Cal.
One-story reinforced concrete 6-room and auditorium school bldg.
Owner—Needles Grammar School Dist.
Architect—Norman R. Coulter, 46 Kearny St., San Francisco.
Bonds to the amount of $60,000 have been sold and the site purchased.

Working Drawings Ordered.
ADDITION Cost, $25,000
SACRAMENTO CO., Coloma School.
Four-room brick, concrete and frame addition to present school (tile rf.)
Owner—Board of Education, City of Sacramento School District.
Architect—Dean & Dean, 3rd floor, City Library Bldg., 9th & L Sts., Sacramento.

DINUBA, Tulare Co., Cal.—Graham & Son, Dinuba, at approx. $40,000 awarded cont. by Windsor School District to erect 4-classroom and auditorium pressed brick school.

GARDEN GROVE, Cal.—The following bids were received by trustees of Garden Grove school dist. for erecting new school bldg. under plans prepared by Arthur G. Lindley, Chas. Selkirk, assoc., 801 Amer. Bank Bldg: Reinforcing steel — Truscon Steel Co., $519. Lumber—E. K. Wood Lumber Co., $8712 Sash, doors and mill work—Crown Sash & Door Co., $9196. Plastering—Jas. P. Walch, $9020. Art. stone and staff—Calif. Staff & Stone Co., $1622. Composition roofing—Garden Grove Lumber Co., $1097. Tile roofing—C. L. Passmore, $1835. Plumbing—Ed Manning, $6538. Heating—Potter Radiator Co., $2300. Hardwood floors—Garden Grove Lumber Co., $5175. Slate blackboards—C. F. Weber & Co., $1260. Ventilating—D. C. Armbrust, $1490. Sheet metal—S. Hill & Son, $1393. Wiring, clocks and telephones—J. G. Robertson Elec. Co. $2975. Painting—John McFadden, $3570. Toilet and shower partitions—F. White $738, toilet partitions only; F. R. Peck, $873. Steel lockers—Medart Co., $99. Structural iron — Union Iron Works, $498. Folding partitions—Henry White, $798. The concrete foundation will be constructed by day labor. Bids were taken under advisement.

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SAN FRANCISCO, CALIF.

COVELO, Mendocino Co., Cal.—See "Government Work and Supplies" in this Issue. Round Valley Indian Agency.

MILLBRAE, San Mateo Co., Cal. — Bids were opened on April 30th by the Board of Trustees of the Millbrae School District for the construction of a one-story frame and stucco school building from plans prepared by Archts Alfred Kuhn & Thos. M. Edwards, 833 Market St., S. F.

The general contract was awarded to O. C. Holt at $37,740, and the heating to the Williams Radiator Co., Monadnock Bldg., S. F., at approximately $1400.

General Contract

O. C. Holt $37,740
Schiff 38,780
Cochran, Grant & Boehm 39,519
L. Duguardi 40,150

Heating

Williams Radiator Co., approx.... $1400
Ra-do Heater Co. .....

LOS ANGELES, Calif—Clarence P. Day, Boston Bldg., Pasadena, was low bidder at $64,923 for the general contract for erecting the Northeast grammar school, Pasadena. Other low bids were: W. F. Creller, plumbing, $4420; Dan C. Becker (Pasadena Paint & Dec. Co.), painting, $2650; H. L. Miller Co., wiring, $2210. All bids were referred to building and grounds committee and the business manager with power to act. John C. Austin, Detwiler Bldg., Los Angeles, architect. Fourteen rooms., 2-story, reinforced concrete constr., stucco exter., comp. rfg., pine trim., maple finish.

LOS BANOS, Merced Co., Cal.—Until May 14, 2 P. M., bids will be rec. by J. W. Ives, Clerk, Los Banos Grammar School District to const. 4-classroom addition to present school. Cert. check 10% req. with each bid. Plans obtainable from clerk at Los Banos.

PORTLAND, Ore.—Until June 6, bids will be rec. by Bd. of Education, to erect $450,000 Washington High School. Houghtaling & Dougan, Architects, Elks Temple Bldg., Portland. Will be three-story, 160 by 180 ft. rein. conc. construction; brick and terra cotta exterior.

EASTON, Fresno Co., Cal.—Architects Coates & Traver, Rowell Bldg., Fresno, have been commissioned by trustees of Washington Union High School District to prepare plans for $155,000 high school to replace structure destroyed by fire. Building will be of brick construction and will house approximately 250 students. Group will consist of:

Administrative group to include general offices; office of principal with vault; boys' clinic room; girls' rest room; text book room; farm bureau or parent teacher's room.

Academic group to include library; two English rooms; two mathematics rooms; two history rooms; one language room; one large study hall.

Commercial group to include auditorium seating 750 persons, a stage and dressing rooms; typing room; shorthand room; bookkeeping room with banking counter.

Science group to include agricultural laboratory; chemical laboratory; physic laboratory; general science laboratory; biology laboratory; supply rooms, dark rooms and lecture rooms.

Arts group to include cooking laboratory; pantry; sewing room and drawing rooms.

The 240 students are now being housed in temporary wooden shacks located adjacent to the grounds.

SAN JOSE, Santa Clara Co., Cal.—Walter L. Bachrodt, City Sup't. of Schools, recommends construction of new junior high school; recommendation has endorsement of San Jose Realty Board.

LOS ANGELES, Cal.—Robert E. Millsap, 423 Marsh-Strong Bldg., was awarded the general contr. at $85,390 for erecting a new school bldg. at Alessandro St. school site; Harlow M. Kimball, archt. Other contrs. were awarded as follows: Plumbing to Davidson & Cameron at $6962; heating to Geo. A. Posthumus at $5750; painting to W. E. Talvert Paint Co. at $2175 and wiring to W. H. Nicholas Elec. Co. at $3186.

MEXICALI, Mex.—Architect Ralph Swearingen, 217 Anderson Bldg., Calexico, has completed plans for a 10-room school building to be erected in the Palace District of Mexicali, for the imperial government; Jose I. Lugo, governor. The building will have a frontage of 200 ft. Each classroom will be 22x30 ft. An assembly room, 28x47 ft. seating 200 will be provided. There will be offices, library and teachers' rest room. There will be 75 windows of modern ventilated type. Est. cost, $75,000. Bids will be called for shortly.

LOS ANGELES, Cal.—The board of education rejected all bids for erecting a new bldg. at Lorena St. school site; H. C. Deckbar, archt. The plans will be revised and the work re-advertised for bids.

EAGLE ROCK, Los Angeles Co., Cal. —Architect, Moss M. Marston, Stock Exchange Bldg., has been commissioned to prepare plans for new school bldgs. to be erected at Eagle Rock. Bonds in the sum of $92,000 have been voted. New bungalows are planned for the East and West end schools and a new shop bldg. will be erected at Central school.

LOS ANGELES, Cal.—Macdonald & Driver, Douglas Bldg., were awarded the gen. contr. at $63,000 for erecting a new bldg. at Florence Ave. school site; Arthur W. Angel, archt. Other contracts were awarded as follows: Plumbing to E. W. Crowell at $4589; heating to J. Hokom at $6620; painting to W. E. Talbert Paint Co. at $2240; and wiring to Graham Electric Co. at $3597.

LOS ANGELES, Cal.—Macdonald & Driver, Douglas Bldg., were awarded the gen. contr. at $94,550 for erecting a new bldg. at Le Conte Junior high school site; plans by architectural dept. of the board of education, Edgar H. Cline, archt. Other contracts were awarded as follows: Plumbing to E. W. Crowell at $5353; heating to Franklin & Boyce at $9061; painting to Robert P. Tuttle Co. at $1995; and wiring to W. H. Nicholas Elec. Co. at $4094.

LOS ANGELES, Cal.—Robert E. Millsap, 423 Marsh-Strong Bldg., was awarded the gen. contr. at $75,289 for erecting a new bldg. at Menlo Ave. school site; Lester H. Hibbard, archt. Other contracts were awarded as follows: Plumbing to G. C. Sutton at $6266; heating to Franklin & Boyce at $5060; painting to Parker-Judge Co. at $2700; and wiring to Graham Elec. Co. at $3447.

SANTA ANA, Orange Co., Cal.—Daniels & Farris, 818 N Holliston Ave., Pasadena, were awarded general contr. by board of education Apr. 25 at $161,-275 for the erection of a new school bldg. for the junior high school on the public school grounds at S Main St. and Fairview Ave. S. Hill & Son, Santa Ana, were awarded the heating at $11,-293 (using Peerless special gas boiler). Plans were prepared by Archt. Frederick H. Eley, Santa Ana. The bldg. will contain 25 class rms., and an auditorium to seat 800; 2-story, 306x63 ft., with wing for the auditorium; reinf. conc. walls, plas. exter.

LOS ANGELES, Cal.—G. Hanson & Son, 1414 S Vermont Ave., was low bidder at $70,096 on the gen. cont. for erecting a new school bldg. at Estara Ave. school site; H. C. Howard, archt. Low bidders on other contracts were Franklin & Boyce on heating at $5392; Parker-Judge Co. on painting at $2400; G. C. Sutton on plumbing at 6575; Amer. Elec. Constr. Co. on wiring at $3936.90. Bids referred to the business manager.

SAN MATEO, San Mateo Co., Cal.—Until May 25, 2:30 p. m., bids will be rec. by J. J. Casey, clerk, San Mateo School Dist., for wrecking old Central school at 1st Ave. and A St. Cert. check 10% payable to dist. req. Further information obtainable from clerk.

LOS ANGELES, Cal.—Isador Carroll, 777 N Holliaton Ave., Pasadena, was low bidder at $88,804 for erecting a new school bldg. at Yorkdale school site; Parker O. Wright, arcbt. Low bidders on other contracts were: W. W. Brooks on plumbing at $7730; L. Z. Brown on heating at $6343; Parker-Judge Co. on painting at $3333; and American Electric Constr. Co. on wiring at $4643.80. The bids were referred to the bus. mgr. for report and recommendation.

LOS ANGELES, Cal.—Until 9 a. m., May 16, bids will be received by the board of education for erecting new school bldgs. as follows:

For erecting new bldg. at Glen Alta school site, at n.e. cor. of Sierra and Mercury Sts.; John R. Kibbey, archt. Brick Constr., $64,000.

For erecting a new bldg. at 3rd St. school site, on 3rd St., near Highland Ave.; Robert D. Farquhar, archt. Brick constr., $84,000.

For erecting a new bldg. at Cienga school site, at s.w. cor. of West Adams St. and 30th Ave.; Ross Montgomery, archt. Brick constr., $84,000.

For erecting a new bldg. at Green Meadows school site, on 118th St. near Main St.; Krempel & Erkes, archts. Brick constr., $84,000.

For erecting a new bldg. at 97th St. school site, on 97th St., bet. Figueroa St. and Moreta Ave.; Paul C. Pape, architect. Brick constr., $84,000.

Bids will be taken separately on the general contract, plumbing, heating, wiring and painting. Plans and specifications may be obtained at the secretary's office, 730 Security Bldg.

LYTTON, Sonoma Co., Cal.—The following is a complete list of bids received on April 26, by the Salvation Army school building known as the "William Booth School." Plans were prepared by Architect Norman R. Coulter, 46 Kearny Street, San Francisco. The contract will be awarded to the lowest bidders within the next few days.

Pete Jensen, 3350 18th St., S. F., (concrete $28,850, (wood) $26,235, (heating) $.....
Cochrane, Grant & Boehm, $30,612, $29,-293, $.....
Cobby & Owsley, $31,930, $29,860, $.....
Schultz Const. Co. $32,465, $29,452, $2665
W. J. Meeker, $32,815, $28,515, $.....
J .G. Leibert, $33,467, $30,867, $.....
Knittle-Cashel, $....., $....., $2441.
Gilley Schmidt 198 Otis St., S. F., $.....,
$....., $2288.

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FARMINGTON, San Joaquin Co., Cal. —Ubela & Van Til, Ripon, Calif., at $22,400 submits low bid to Shady Grove School District to erect one-story school. Wright & Satterlee, Bank of Italy Bldg., Stockton, architects. Other bids:

J. F. Shepherd, Yosemite Bldg., Stockton $28,484
Edw. Riley, Wilhoit Bldg., Stockton 25,950
F. E. Williamson, 1218 Vernal Way, Stockton 29,371
Shutz & Zinck, Exchange Bldg., Stockton 25,200
Arthur Hollenbeck, 721 E-Oak St., Stockton 28,000
Chas. S. Mabrey, Sacramento 26,796

VACAVILLE, Solano Co., Cal. — The Board of Trustees of the Vaca Valley School District opened bids on April 27th, for the construction of a one-story hollow tile school building to contain six rooms and an auditorium. Plans were prepared by Archt. George C. Sellon and Company, Mitau Bldg., Sacramento. All contracts were awarded, except the masonry and carpentry which was taken under advisement. Following is a complete list of the blds received:

Masonry and Carpentry Work

Geo. Barenchi, Vallejo $39,513
H. W. Robertson, Sacramento ... 39,691
Jos. Chirhart 40,000
Campbell Constr. Co., Sacto. 40,446
Knutsen & Engen, Patterson ... 42,000
Larsen-Siegrist, S. F. 43,977

Plastering

Thos. F. Scollan, Sacramento (awarded) $11,560
H. W. Robertson, Sacramento ... 12,123

Painting

Conrad Schneider, Sacramento (awarded) $2482
Clarence Haugen, Vacaville 2555
Pat. Roddey, Sacramento 3123

Roofing

Allyn Burr Co., Sacto. (awarded) $2092
Gladding-McBean Co., S. F. 2139
Richmond Roofing Co., S. F. 2148
Johns-Manville Co. 2156

Plumbing

Hateley & Hateley, Sacramento .. $5110
Luppen and Hawley, Sacramento 5317

Heating

Hateley & Hateley $5250
Luppen & Hawley 5603

Electrical Work

Valley Elec. Light & Power Co. .. $3190
Geo. Foss 3343

Complete Mechnical Equipment

Latourrette-Fical Co., Sacramento (awarded) $16,010
Sheet metal work included in mechanical equipment.

LOS ANGELES, Cal.—G. Hanson, 1414 S. Vermont Ave., was awarded the general contract at $70,096 for erecting a new school building at Estara school site; Herbert C. Howard, Architect. Other contracts awarded as follows: Plumbing to G. C. Sutton at $6575; heating to Franklin & Boyce at $5392; painting to Parker-Judge Co. at $2400; and wiring to American Elec. Constr. Co. at $3936.

LOS ANGELES, Cal.—Clark Bros. & Libby, 5117 Hollywood Blvd., were awarded the general contract at $51,-308 for erecting a boys' gymnasium building at Los Angeles high school site; John C. Austin, 1125 Detwiler Bldg., Architect. Other contracts were awarded as follows: Heating to J. Hokom at $3533; painting to Robert P. Tuttle Co. at $2095; plumbing to W. S. Goodrich at $6886.25, and wiring to Graham Elec. Co. at $1999.

LOS ANGELES, Cal.—The following are the lowest bids received for erecting a new school building at La Habra: Jeffery & Schaefer, 1106 Kerckhoff Bldg., Architects. Excavating—Eastman & Sweeney, 1140 E 3rd St., Long Beach, 1200. Brick and Hollow tile—H. Reimers, Los Angeles, $11,450. Tile Roofing—French & Maloney, $1665. General Contract—Eastman & Sweeney $19,600. Plumbing—D. C. Armbrust, $4498. Sheet Metal—D. C. Armburst, $3298.50. Plastering—C. H. Anderson, 1507 W. 36th St., Los Angeles, $4350. Painting—John McFadden, $1663. Hardware—Bennett-Montgomery Co., $1683. Hardwood Floors—Braun-Dawser Lumber Co., La Habra, $1895. Wiring—Benson Elec. Co., La Habra, $1200. Marble—Aetna Marble Co., $3545. Heating—D. C. Armbrust, $3434.

LOS ANGELES, Cal.—I. Carroll, Pasadena, was awarded the general contract at $81,519 for erecting a new school building at Yorkdale School site; Parker O. Wright, Architect. The contract was let on the original bid of $88,804 with deductions for omitting 2 rooms; omitting tile and changing type of registers. Other contracts were awarded as follows: Plumbing to W. W. Brooks at $7680; painting to Parker-Judge Co. at $2883, and wiring to American Elec. Constr. Co. at $4585.

BANKS, STORES & OFFICES

Contract Awarded.
STORE & LOFT Cost, $12,248
SAN FRANCISCO. Kearny St. near Post St.
Remodel six-story Class A store and loft building (new store fronts and extensive interior alterations).
Owner—B. Pasquale, 115 Post St., San Francisco.
Architect—J. E. Krafft & Sons, Phelan Bldg., San Francisco.
Contractor—O. C. Holt, 180 Jessie St., San Francisco.
Contract includes all work except electrical work, heating and plumbing.

Excavating and Pile Bids Being Taken.
OFFICE BLDG. Cost, $1,500,000
SAN FRANCISCO, SE Market & Beale Streets.
Seventeen-story and basement class A brick, steel & concrete office bldg.
Owner—Pacific Gas & Electric Co.
Architect — Bakewell & Brown, 251 Kearny St., San Francisco.
Consulting Engineer—C. H Snyder.
Consulting Mechanical Engineer — Hunter & Hunter.
Bids are being taken for excavating the lot and for approximately 1400 piles. The excavating bids will be opened on May 1st.

Plans Being Prepared.
STORE & LOFT Cost, $45,000
OAKLAND, Alameda Co., Cal., NE Telegraph Ave. and Williams St.
Two-story brick store and loft bldg.
Owner—Emile E. Kahn, of Kahn-Feder & Brandt, 315 Montgomery St., S. F.
Architect—S. Heiman, 57 Post St., San Francisco.

Contract Awarded.
STORE BLDG. Cost, $80,000
SAN FRANCISCO, N Post 137-6 W Stockton.
Three-story and basement reinforced concrete store bldg.
Owner—Wm. M. & Mary E. Fitzhugh, Mills Bldg., S. F.
Architect—Reid Bros., 105 Montgomery St., San Francisco.
Contractor—P. J. Walker Co., Sharon Bldg., San Francisco.

Contract Awarded.
ADDITION Cost, $50,000
SAN FRANCISCO, S Mission 133-3 NE Fifth.
Two-story class B addition to 1-story store building now under construction for lofts.
Owner—Selby & Henry R. Mohr.
Architect—W. H. Crim Jr., 425 Kearny St. San Francisco.
Contractor—Hannah Bros., 142 Sansome St., San Francisco.

Plans Being Prepared.
OFFICE BLDG. Cost, $180,000
OAKLAND, SW Telegraph Ave. & 31st Street.
Five-story brick physicians' office bldg.
Owner—Incorporation headed by Dr. David C. Hadden, Oakland Bank of Savings Bldg., Oakland.
Architect—Maury I. Diggs, 1901 Telegraph Ave., Oakland.

Contract Awarded on a Percentage Basis—Plans Being Prepared.
OFFICE BLDG. Cost, $1,250,000
SAN FRANCISCO. NE Post and Mason Streets.
Twelve of fifteen-story Class A Physicians and Dentists Office Bldg.
Owner—Medico-Dental Building Cptn.
Architect—Geo. Wm. Kelham, Sharon Bldg., San Francisco.
Engineer—H. J. Brunnier, Sharon Bldg., San Francisco.
Contractor—Geo Wagner, 251 Kearny St., San Francisco.

Plans Completed.
ALTERATIONS Cost, $27,500
SAN FRANCISCO, 981-89 Market St.
Terra cotta partitions, rearrange entrance, new store fronts; basement alterations, etc.
Owner—Lesser Realty Inv. Co.
Architect—Bernard J. Joseph, Call Bldg San Francisco.

Architectural Competition.
BUILDING Cost—
BERKELEY, Alameda Co., Cal. SW Oxford and Addison Sts.
Two-story and basement Chamber of Commerce bldg.
Owner — Berkeley Chamber of Commerce.
Architect — Competitive plans are being prepared by the students of the Architectural Department of the University of California.

Additional Sub-Contracts Awarded.
STORES & OFFICES Cost—
SACRAMENTO, Sacramento Co., Cal., SW 10th and J Sts.
Thirteen-story class A reinforced concrete store and office building.
Owner—California State Life Insurance Company.
Engineer—H. J. Brunnier, Sharon Bldg. San Francisco.
Architect—Geo. C. Sellon & Co., Mitau Bldg., Sacramento.
Contractor — Lindgren Co., Monadnock Bldg., San Francisco.
Mechanical Engineers—Leland & Haley Holbrook Bldg., S. F.
Marble Work to Columbia Steel Co.
Plastering to Thos. Scollan, 2919 T St., Sacramento.

Plans Being Prepared.
TELEPHONE BLDG. Cost, $15,000
CROCKETT, Contra Costa Co., Cal.
One-story frame and stucco telephone exchange building.
Owner—Pacific Telephone & Telegraph Company.
Architect—Eng. Dept. of Owner, 253 Sheldon Bldg., San Francisco.
Bids are being taken for a general contract.
Plans may be obtained from the Engineering Dept. and will be on file at the Builders' Exchange at Richmond, Contra Costa Co., Cal.

Contract Awarded.
REPAIRS Cost, $26,000
SAN FRANCISCO, SW Market and 3rd Streets.
Repair store work on exterior, paint, erect temporary awning, etc.
Owner—City Inv. Co., Merchants National Bank Bldg., S. F.
Contractor—Grace & Bernieri, Claus Spreckels Bldg., S. F.

Plans Being Prepared.
OFFICE BLDG. Cost, $25,000
WOODLAND, Yolo Co., Cal. Main and Fourth Sts.
One-story reinforced concrete office building (red terra cotta cornice and buff plaster exterior).
Owner—Pacific Gas & Electric Co., 445 Sutter St., San Francisco.
Architect—Owner.

Sub-Figures Being Taken by Contractor.
STORE BLDG. Cost, $126,000
SAN FRANCISCO. NE Howard and Fifth Streets.
One-story reinforced concrete store building, 275x275 (22 stores and garage, 200x200).
Owner—W. L Hogan, 333 Kearny St., San Francisco.
Architect—Edwin E. Young, 2002 California St., San Francisco.
Contractor—W. S. King, Hearst Bldg., San Francisco.
Three additional stories may be added as negotiations are now under way for signing additional leases.

LOS ANGELES, Cal. — Architects Walker & Eisen, 325 Pacific Finance Bldg., Los Angeles, have been commissioned to prepare plans for a 13-story and basement, own-your-own oil exchange office building, at Third St. and American Ave., Long Beach. J. Clyde Lindsey and Walter Horne Co., 38 American Ave., Long Beach, fiscal agts. Stores in first story, 36 offices above, 80x120 ft., reinforced concrete construction, pressed brick and terra cotta facing, marble and tile, elevators, steam heat, vacuum cleaning; $900,000.

LOS ANGELES, Cal.—Davin & Burch Co., 173 E. Jefferson St., was awarded the gen. contr. at about $110,000 for erecting a 2-story and mezzanine story automobile bldg. on Figueroa St. near Pico St., for J. A. Graves. Morgan, Walls & Morgan, 1124 Van Nuys Bldg., archts. Dimensions, 100x155 ft., reinf. coner. constr., terra cotta and press. brick facing.

LOS ANGELES, Cal.—Archts. Curlett & Beelman, 408 Union Bank Bldg., have been commissioned to prepare plans for a class A office bldg. to be erected at 7th St. and Santa Fe Ave., for the Southern Calif. Gas Co. It will be of reinf. conc. constr. The site is 140x250 ft. and the bldg. will be a 4-story structure to cover the entire lot or an 8-story structure occupying half the site; $450,000.

LONG BEACH, Los Angeles Co., Cal. —R. D. Marshall, 238 E. First St., Long Beach, in association with P. T. Belt and A. H. Kent are reported leasing the 75x150 ft. site at the southeast corner 1st and Locust Ave., Long Beach, and contemplate erecting a $325,000, 5-story Class A, 150-room office building.

FAIRFIELD, Solano Co., Cal.—The Vallejo Central Commercial Bank has purchased a lot in Fairfield and plans to erect a branch bank building.

OAKDALE, Stanislaus Co., Cal. — Rodden Bros., Oakdale, awarded contract by Pacific Tel. and Tel. Co., to erect one-story brick phone exchange, 25-ft. frontage, in Third Ave. Excavation has been started.

SANTA ROSA, Sonoma Co., Cal.—Mrs. Ward W. Von Tillow, 518 3rd St., Santa Rosa, contemplates the erection of a one-story store building in Mendocino avenue. Structure will contain four stores and will be 80x121 ft.

THEATRES

Construction Started.
THEATRE Cost, $85,000
SANTA ROSA, Sonoma Co., Cal. No. 431 B St.
Reinforced concrete theatre.
Owner—John Grecot and John Strobino
Architect & Contractor—A. M. Hildebrand, 406 4th St., Santa Rosa.
Construction is 25% complete. The heating contract has been awarded to the Atlas Heating & Ventilating Co. of San Francisco. All other sub-contracts have been let to local firms.

Plans To Be Prepared.
THEATRE Cost, $400,000
SAN FRANCISCO, 936 Market St.
Class A motion picture theatre.
Owner—Carol A. Nathan, of the Universal Film Exchange.
Architect—Not decided.

ARCADIA, L. A. Co., Cal.—Mrs. R. G. Cowham, owner, announces plans will be ready shortly for a $100,000 Egyptian style theatre store bldg. which she will build at s.w. cor. First and Huntington Dr. So. Cal. Realty Finance Co., Los Angeles, is back of the project. Work will start probably within 30 days.

REDDING, Shasta Co., Cal.—Anderson and Wood, owners of Redding Theatre, will spend $20,000 in remodeling the structure. New furniture and a pipe organ are among improvements proposed.

LOS ANGELES, Cal.—Archt. G. Albert Lansburgh, 700 Jr. Orpheum Bldg., is completing plans for a class A reinf. conc. theatre bldg., 100x150, to be erected on w side of Highland Ave. n. of Hollywood Blvd., facing Yucca St., for a stock company, represented by John M. Bowen, atty., Van Nuys Bldg.; theater will seat 1600 people, 4 shops, mezzanine ft. which will contain offices and studios. Reinf. conc. constr., 100x150 ft., tile and comp. rfg., marble, terrazzo, brick and terra cotta facing; cost, $260,000.

SAN DIEGO, Cal.—Excavation has started for the proposed $600,000 Balboa theatre building, which Robert E. Hicks and G. L. Strobeck will erect at 4th and E Sts. Pioneer Truck Co. has the contract. Architect W. H. Wheeler, 610 Spreckels Bldg., San Diego, and 664 H. W. Hellman Bldg., Los Angeles, is completing the plans and a contract on the foundation and superstructure will be awarded shortly. Building will be 5-story, 150x100 ft., and contain theatre seating 2000, stores and offices. It will be of Spanish type.

MISCELLANEOUS BUILDING CONSTRUCTION

Contracts Awarded.
DORMITORY Cost, $45,000
SAN RAFAEL, Marin Co., Cal.
Three-story frame dormitory (shingle exterior.
Owner—Dominican College, San Rafael
Architect—Albert M. Caldwell, Room 709, 251 Kearny St., S. F.
General Contract—Mat. Brady, Monadnock Bldg., S. F. at approx. $30,000.
Plumbing & Heating to Wilson Plumbing Co., 328 Mason St., S. F., at approximately $9700.
The light fixture and hardware contracts wil be awarded later.

Segregated Figures To Be Taken Next Week.
CHILDREN'S HOME Cost, $100,000
SAN JOSE, Santa Clara Co., Cal. 11th and Market Sts.
Two-story frame and stucco children's home.
Owner—Home of Benevolence.
Architect—C. Tantau, 251 Kearny St., San Francisco.
Plans will be sent out for figures on May 7th.

EXETER, Tulare Co., Cal.—Wm. F. Humphrey, attorney, Mills Bldg., San Francisco, represents interests which plan a $4,000,000 cement plant six miles from Exeter. Approximately $4,000,000 will be expended for machinery and equipment. Company will utilize quarry on Three Rivers or Marnle Mountain region. John F. Humbug, former vice-president and manager of H. Hackfield & Co., merchants and shippers of Honolulu, will head the new company.

SAN PEDRO & WILMINGTON, L. A. Co., Cal.—Work has begun on the immense new oil loading station and storage plant to be built for the Shell Oil Company of California on Mormon Island at a cost of approximately $1,000,000. Bent Brothers Construction Co. 1714 Eagle, Los Angeles, were awarded the contract for the huge concrete retaining wall, which will be 415x600 ft. in dimensions. Permits will be taken out in a few days for a number of large steel oil storage tanks, with a capacity of several hundred thousand barrels. Construction of the wharf will follow immediately.

Bent Bros. also have a contract for the construction of a 1,000,000 bbl concrete lined reservoir being erected near Wilmington for the new refinery which will cost approx. $6,000,000.

Twenty 80,000 bbl. steel tanks are being erected by Riter-Conley Co., of New York.

The balance of the work is being done by the Shell Co.

FRESNO, Fresno Co., Cal.—Officers and directors of the Brotherhood of American Yeoman are in Fresno investigating a 2300-acre site on which it is proposed to erect a $17,000,000 orphan's home. The announcement is made by O. E. Williams, district representative at Fresno. Headquarters for the visiting are maintained at the Hotel Fresno. In addition to the Fresno site others to be inspected are located as follows: Valley of the Moon, Sonoma county, near Santa Rosa; another in Illinois and the fourth in Missouri. Preliminary sketches of the project provide for an institution in the form of a community having about 200 homes, an administration building, school, bank, stores, factories, etc. W. J. Elliott, of Manteca, Calif., is state manager of the Brotherhood.

BERKELEY, Cal.—The Clinton Construction Co., 926 Folsom St., San Francisco, was awarded a contract on May 1st by the Regents of the University of California for the completion of the Memorial Stadium in Strawberry Canyon in Berkeley. Contract price, $511,740. The work includes concrete, timber and carpentry, metal work, painting, electric work, plumbing, sewers and water supplies, grading and teaming, paving, team houses, fences, gates, etc. Plans were prepared by a commission composed of E. E. Carpenter, Geo. F. Buckingham and John Galen Howard, University of California, Berkeley, with offices in the Crocker Bldg., San Francisco.

SAN FRANCISCO—Until May 14, 11 a. m., bids will be rec. by Hilda Gohrman, secy. State Board of Harbor Commissioners, Ferry Bldg., to const. bldgs. and bins for grain terminal at Islais Creek. Concr. foundation, wood frame and corrugated iron sides. Frank G. White, chief eng. for commission. **See call for bids under official proposal section in this issue.**

SAN FRANCISCO, Cal.—The purchasing Department of the Pacific Gas & Electric Co., 445 Sutter St., San Francisco, is taking bids for structural steel and millwork for Station "K" on Balboa St. and 24th Ave., S. F., and for Station "F" in Berkeley.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Further information regarding these opportunities may be had from Domestic and Foreign Trade Department of San Francisco Chamber of Commerce, Merchants' Exchange Bldg.:

6966—Buenos Aires, Argentina. Firm is interested in representing local exporters of iron and steel products, cement and construction materials, etc., in the Argentine market.

6969—San Francisco, Calif.. United Kindgom firm of manufacturers are desirous of appointing a suitable agent in this market for the sale of their tea and breakfast ware.

6970 — Steinbach-Hallenberg, Germany. German house desires connections with local firms interested in importing tools, metal wares, watch makers' tools, optical appliances, barber appliances, etc.

6972—Alameda, Calif. Gentleman who has had fifteen years' business experience in Mexico desires to act as representative for San Francisco firms interested in trading with Mexico. Has money to invest in good Mexican business.

6973—San Francisco, Calif. Manufacturer's agent desires to make connections with San Francisco exporters who would consider the following lines: Automobiles, electric specialties, complete line of brushes, wire hardware, screw machine products, radio antenna wire, etc.

6974—Berlin, Germany.. Prospectus of novelties of technical articles, machines and iron-ware, shown at the last well-known exhibition "Leipzigen Messe," at Leipzig, Germany, will be sent upon application to those firms that may be interested.

6975—Guayaquil, Ecuador. Party desires to act as representative in Ecuador for local importers and exporters. Good references furnished.

6976—Mexico City, Mexico. Party in Sonora is offering for sale graphite in 500 and 1000 ton lots at $24.00 per ton f. o. b. cars at the mine. Samples on file.

6977—Calcutta, India. Manufacturer of chellac wishes to be put in touch with firms interested in the importation of shellac from Calcutta.

6983—San Francisco, Calif. Danish firm which manufactures an electric bicycle lamp, dry cell batteries, automatic time switch, and electric heating units, desires to make connections in this market.

6985—San Francisco, Calif. British firm of manufacturers are desirous of appointing a suitable agent in this district for the sale of their patent bedstead fitting used largely on wood bedsteads.

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Official Proposals

NOTICE TO CONTRACTORS

(Dormitory Building—Alameda County)

Office of the Clerk of the Board of Supervisors, Alameda County, Calif.

Sealed bids will be received by the Clerk of the Board of Supervisors of Alameda County, at his office, **until Monday, May 21, 1923, at 10 o'clock A. M.** (the day when said bids will be opened and the contract awarded) for the construction of a one-story dormitory building on the Del Valle Farm Site, near Livermore, Alameda County, California.

Bids will be received on each of the following departments of work.

Department No. 1. All work except plumbing, electric work and heating.

Department No. 2. Plumbing work and drains.

Department No. 3. Electric work.

Department No. 4. Heating work.

Complete plans and specifications for each of these separate departments of work are on file in the office of the County Clerk in the Hall of Records Building, Oakland, where copies may be obtained by depositing with the County Clerk the sum of twenty ($20) dollars. Contractors will be restricted as to the length of time they may retain these plans and specifications to eight (8) days on Department No 1, and to five (5) days on all other departments.

Contractors failing to return said plans and specifications within said time limit will forfeit their deposits. The entire amount of the deposit will be returned to contractors returning plans and specifications in good condition within said time limit.

Each bid must be accompanied by a check for at least ten per cent of the amount of the bid, or proposal, certified to by some responsible bank and made payable to GEO. E GROSS Clerk of the Board, to be forfeited to the county of Alameda as agreed and liquidated damages should the party or parties to whom the contract shall be awarded fail to enter into the contract after the award or to give the bond required by the Board for the faithful performance of the Contract.

(Seal) GEO. E. GROSS,
Clerk of the Board of Supervisors of the County of Alameda

Date: : April 23, 1923.

BIDS WANTED FOR STOCKTON CITY HALL

Sealed bids will be received at the office of the City Clerk of the City of Stockton in the annex to the "Hotel Stockton," northeast corner of El Dorado and Weber Avenue, up to **10:30 a. m. on the 29th day of May, 1923,** for the construction and completion of a City Hall building to be built on block 35½ east, of the City of Stockton, State of California.

Bids will be segregated as follows:

(1) General contract for the construction of the building (exclusive of plumbing, electrical work and heating ventilation).

(2) Plumbing.

(3) Electrical work.

(4) Heating and ventilating.

(5) Combining bids Nos. 2, 3 and 4 under one bid.

(6) Combining the entire work in bids Nos. 1, 2, 3 and 4.

(7) Jail equipment.

Plans and specifications may be secured at the offices of the architects, Delta Building, Stockton, California, on and after April 25, 1923, upon the deposit of the following amounts:

$100.00 for plans and specifications for the general contract.

$50.00 for plans and specifications for the plumbing.

$50.00 for plans and specifications for the electrical work.

$50.00 for plans and specifications for the heating and ventilating.

A call for bids published in this section indicates that bids are desired from other than local bidders Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

$50.00 for plans and specifications for the jail equipment.

Deposits will be refunded upon the return of the plans and specifications upon the date specified, accompanied by a bona fide bid.

All bids to be upon forms furnished by the architects, and all bids must be accompanied by a certified check or bid bond in the amount for ten per cent (10%) of the amount of the bid, made payable to the City Clerk of the City of Stockton, to secure the execution of the contract and bonds by the successful bidders.

The City Council reserves the right to reject any and all bids or to waive any formality that may be deemed in the interest of the city.

A. L. BANKS, City Clerk.
Stockton, Calif., April 25, 1923.

BIDS WANTED FOR STATE HIGHWAY BRIDGE

STATE OF CALIFORNIA

DEPARTMENT OF PUBLIC WORKS

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of **The California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock P. M., on May 28, 1923** at which time they will be publicly opened and read for construction in accordance with the specifications therefor to which special reference is made, portions of State Highway as follows:

Sonoma County, across Arroyo Seco Creek near Shellville (IV-Son-8-B), a reinforced concrete bridge consisting of two forty-foot reinforced concrete girder spans with the necessary pier, abutments and wing walls.

Plans may be seen and forms of proposal, bonds, contracts and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineer's offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal for full directions as to bidding, quantities of work to be done, etc.

The Department of Public Works, acting by and through the California Highway Commission, reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

H. M. TOY,
N. T. EDWARDS,
LOUIS EVERDING,
California Highway Commission.
R. M. MORTON,
State Highway Engineer.
W. F. MIXON, Secretary.

Dated April 30, 1923.

QUANTITY SURVEYOR
and Valuation Engineer
Buildings and Engineering Works
ARTHUR PRIDDLE
693 Mission Street, at Third St.
San Francisco, Calif.
Telephone Douglas 8-4-9-3

NOTICE TO CONTRACTORS

(Round Valley Indian Agency)

Sealed proposals to be opened **May 21, 1923, at 10 o'clock A. M.,** are invited for a three-room school building to be constructed on the Round Valley Indian Agency two miles north of Covelo, Cal., to be fireproof, complete with blackboards, heating equipment or plumbing. Bidders must submit separate bids on three types of buildings: first for one of concrete outside walls six inches thick reinforced, interior to be two coats hardwall plaster on metal lath; other types to be of brick or tile, all to be with stucco finish. Bidders must submit with their proposals full specifications and original drawings on linen showing type of building covered by this bid. All plans and specifications to be approved by County and State officials before submitting to this office with their bids and to be subject to the final approval of the Commissioner of Indian Affairs at Washington before an award is made. General Conditions and Covenants to be attached to bids. Such forms and also Form of Proposals will be furnished bidders on application to this office or the Indian Warehouse, No. 60 Federal St., San Francisco. Building to cost within $18,000.00. Bids to be accompanied by certified check on some solvent national bank for 5 per cent of amount of bid. Bids to be addressed to Superintendent Round Valley Indian Agency, Covelo, Cal., and envelope marked "Bid on Round Valley School Building." For some further particulars and information apply to this office or to the Superintendent of the Warehouse, San Francisco, Cal.

W. W. McCONIHE, Superintendent.

NOTICE TO CONTRACTORS

(Taft Union High School District)

Notice is hereby given that sealed bids will be received and opened by the Board of Trustees of the Taft Union High School District, Kern County, State of California, in the present High School Building in the City of Taft, at **7 P. M., May 15, 1923,** for the erection and completion of three (3) buildings, (Gymnasium building, Auditorium building, and Shop building), under new units to the present High School Building situated in the City of Taft, Kern County, State of California, in accordance with the plans and specifications made for the same by W. H. Weeks, authorized Architect, employed by the Board.

Segregated bids on the portions of the work will be received as follows:

1. Excavating and Grading Work.
2. Terrazzo Work.
3. Tile Work.
4. Mason Work.
5. Carpenter Work. (Including Iron and Steel Work).
6. Glass and Glazing.
7. Finish Hardware.
8. Lathing and Plastering.

9. Composition Roofing.
10. Terra Cotta Tile Roofing.
11. Electrical Work.
12. Plumbing Work.
13. Sheet Metal Work.
14. Painting and Finishing.
15. Heating and Ventilating

Plans and specifications may be seen at the office of the Architect, W. H. Weeks, 369 Pine Street, San Francisco, California, or at the office of the Clerk of the Board at the High School Building in the City of Taft.

All bids should be presented on bid forms furnished by the Architect. Each bid must be accompanied by certified check on some responsible California bank in the sum of not less than ten per cent (10%) of the amount bid, made payable to Mr. E. W. Nisbet, Jr., Clerk of the Board of Trustees of the Taft Union High School District, for the purposes stated in the specifications.

Each bid must be closed in a sealed envelope and addressed to Mr. E. W. Nisbet, Jr., Clerk of the Board of Trustees, and endorsed:

"Proposal..... on the Taft Union High School Building."

The Board reserves the right to reject any and all bids.

Bids must be delivered to the undersigned Clerk of the Board at the High School Building in the said City of Taft at the time and place above stated, or any time up to the hour of opening of said bids.

JAMES A. CALHOUN,
Clerk of Board of Trustees, Pro-Tem.
T. U. H. S. Dist., Taft, Kern County, California.

NOTICE TO CONTRACTORS

(Islais Grain Terminal)

Office of the Board of State Harbor Commissions, Union Depot and Ferry House, San Francisco, California, February 3, 1923.

Sealed proposals or bids will be received at this office at or prior to **11 o'clock a. m., Monday, May 14, 1923,** for furnishing materials and constructing buildings and bins for a Grain Terminal at Islais Creek, on the waterfront of the City and County of San Francisco, in accordance with the plans and specifications prepared therefor by the Chief Engineer of the Board and adopted by the Board May 1, 1923, and on file in this office, to which special reference is hereby made. The materials to be used in this work shall consist of the requisite quantities of Portland cement, Douglas fir framing lumber and galvanized iron (all of which will be furnished to the Contractor by the Board); Douglas fir and redwood lumber for windows and stairways, concrete aggregate, reinforcing materials, structural steel, rods, bolts, spikes, paint materials, glass, etc. All materials used must be of the best of their respective kinds if not especially specified herein. All materials used in the structures will be subjected to a rigid examination and test, and if found defective, under size, unsuitable or not as specified, will be condemned and must be immediately removed from the work by the Contractor at his expense.

No bid will be received unless it is made on a blank form furnished from this office and is accompanied by a certified check for an amount equal to five (5) per cent of the amount of the proposal, to be made payable to the Secretary of the Board, conditioned that if the proposal is accepted and the contract awarded, and if the bidder shall fail or neglect to execute a contract and give the bond required within six (6) days after the award is made, in that case the said sum mentioned in said check shall be deemed liquidated damages for such failure and neglect and shall be paid into the San Francisco Harbor Improvement Fund.

The Contractor shall be required to give a bond unto the Board of State Harbor Commissioners for not less than one-half of the total amount payable by the terms of the contract, with a Corporation, thereunto duly authorized by law and commonly known as a surety company, as surety (such surety company to be one of those approved by the State Board of Control, a list of these approved surety companies being on file in the office of the Secretary), and conditioned for the faithful performance by the Contractor of all of the terms and conditions of said contract according to the true intent and meaning thereof. Said bond shall also provide that if the Contractor, person, company or corporation to whom said contract is awarded, fails to pay for any materials or supplies furnished for the performance of the work contracted to be done or for any work or labor done thereon of any kind, said surety will pay the same in an amount not exceeding the sum specified in said bond; and said bond shall also be made to insure to the benefits of material men, mechanics and laborers as provided by that certain act of the Legislature of the State of California, approved May 1, 1911 (Stats. 1911 p. 1422). Said bond must be acceptable to and approved by said Board both as to surety and form.

Bids will not be considered by the Board unless delivered to the Secretary or to the Assistant Secretary at the office of the Secretary, Room No. 17, Union Depot and Ferry House, at or prior to 11 o'clock a. m., on Monday, May 14, 1923, at which time and place the bids will be opened.

The Board reserves the right to reject any or all bids if deemed for the best interests of the State.

Bidders are invited to be present at the opening of the bids.

Plans and specifications for this work to be had at Room 18, Union Depot and Ferry House, upon depositing $10.00 for same, which will be returned on return of plans and specifications.

Bidders are requested to mark envelope containing bid: "Bid for constructing a Grain Terminal at Islais Creek."

JOHN H. McCALLUM,
HARRY H. COSGRIFF,
FREDERICK S. MOODY,
Board of State Harbor Commissioners.
FRANK G. WHITE,
Chief Engineer.
HILDA GOHRMAN,
Secretary.

NOTICE TO CONTRACTORS

(Shades & Furnishings—San Mateo County Hospital)

Notice is hereby given that sealed estimates will be received by the Board of Supervisors of San Mateo County, California, up to **Monday, the 14th day of May, 1923, at 10 o'clock A. M.,** for the following work, all for the new County Hospital Building, now erected at Heresford in San Mateo county, California, and in accordance with the specifications as submitted by Will H. Toepke, Architect, and as filed with the Clerk of the Board of Supervisors, on April 16, 1923, to which bidders are referred.

The estimates will be received in accordance with the specifications as filed and will be as follows:

Estimates for Window Shades. Estimates for Hospital Furnishings and Equipment.

All these estimates must be in strict accordance with the requirements as called for in specifications.

All bidders submitting estimates will be required to submit with their proposal a certified check or certificate of deposit on some responsible Bank or Trust Company in the sum of ten (10) per cent of their bid. Said check to be made payable to the County Treasury of the County of San Mateo, and will be held as security that the bidder will enter into a written contract with the Board of Supervisors of the County of San Mateo, if awarded the contract within ten (10) days, from the date of the award. In the event of a breach of the terms under which this check is held, the same said check or certificate of deposit will be cashed and the proceeds thereof placed to the credit of the building fund of said County of San Mateo.

The successful bidder will further be required to give a bond from a satisfactory surety company in the sum of fifty (50) per cent of his contract price, conditional for the faithful performance of his contract within the time limited, and to further insure the payment of all claims for labor and material furnished on the work.

The successful bidder will also be required to protect the County against liability arising under the Workmen's Compensation Act and against any and every contingency under which the County might be held liable during the progress of the work connected with the contracts on said hospital building.

The contract will provide for the retention of twenty-five per cent of the contract price for thirty-five (35) days after the completion of the work, and the filing of the notice of completion thereof.

Sealed estimates should be filed with the Clerk of the Board of Supervisors.

The said Board of Supervisors of the said County hereby reserves the right to reject any or all bids.

Specifications can be seen at the Architect's office at Room 714, New Call Bldg., 72 New Montgomery Street, San Francisco, California, or at the office of the Clerk of said Board in the court house at Redwood City, Calif.

By order of the Board of Supervisors.
Dated April 16, 1923.

ELIZABETH M. KNEESE,
Clerk.

BIDS WANTED FOR ADDITION TO SCHOOL

NOTICE TO CONTRACTORS

Notice is hereby given that sealed bids will be received by the Board of Education of the Sacramento City School District for the complete erection of an addition to a school building in accordance with plans and specifications on file in the office of the Secretary of the Board of Education of the Sacramento City School District, Room 300, City Hall, Sacramento, California, and also in the office of Dean and Dean, Architects, third floor of City Library Building, 9th and I Streets Sacramento, California.

The said school building is to be erected on the property owned by the School District, north of Franklin Boulevard, between 7th and 9th Avenues, situated in the City of Sacramento, State of California.

On a deposit of $15.00 with the Board of Education, or the Architects, complete sets of plans and specifications may be had by any prospective bidder, and retained for a period of 15 days. The deposit will be returned to the bidder on the return of the plans and specifications in good condition.

Bids must be made on proposals obtained at the office of the Architects, and be signed by the bidder, accompanied by a certified check for at least 10% of the amount of the bid or proposal, certified to by some responsible bank or banker, and made payable to the Secretary of the Board of Education of the Sacramento City School District, said check to be forfeited to and retained by the School District, should the party or parties to whom the contract shall be awarded fail to enter into the contract after the award, or to give bonds as required. Bids must be plainly marked on the exterior "Proposal for additions to Bret Harte School Building."

All bids must be filed with the Secretary of the Board of Education of the Sacramento City School District, Room 300, City Hall, Sacramento, California, not later than **7:30 o'clock p. m., Monday, May 14th, 1923.**

The Board of Education of the Sacramento City School District reserves the right to reject any and all bids.

BOARD OF EDUCATION
SACRAMENTO CITY SCHOOL DIST.
Chas. C. Hughes, Secretary.

NAPA MAGNESITE MINE RANKS THIRD IN STATE

The magnesite mines near Rutherford, Napa County, operated by C. S. Maltby, rank third in production in California. This is according to figures compiled by James M. Hill of the United States Geological Survey which show the total production of the United States at 63,487 short tons, valued at $650,742, a gain over the previous year of thirty-two per cent. Practically all of this was mined in California.

The largest producer of magnesite in California in 1922 was the Western Magnesite Company, which operates the Red Mountain Mine south of Livermore, Alameda County.

Engineering News Section

BRIDGES

FRESNO, Fresno Co., Cal.—Lisher & Carillo, Napa, at $35,625 awarded cont. by supervisors to const. 4 rein. conc. bridges on Sierra-to-the-Sea highway in Wartham Canyon, bet. Coalinga and Parkfield Junction. Other bidders: J. L. Webster, Chico, $38,495; Frederickson & Shannon, Fresno, $48,900; Nate Lovelace, Visalia, $39,680; Tieslau Bros., Berkeley, $41,635; DaMant & Sorenson, Sanger, $41,700; Jenkins & Elton, Sacramento, $42,380; Davis, Heller & Pierce Co., Stockton, $49,000; J. E. Mitchell, Fresno, $41,800.

SAN MATEO CO.—Coast Construction Co., Crocker Bldg., San Francisco, at approx. $10,000,000 awarded cont. to construct Coyote Point vehicular bridge across San Francisco Bay to be financed by the Webb-San Francisco Bay Bridge Co., represented by W. H. Metson, attorney, Balboa Bldg., San Francisco. General Hunter Liggett is chairman of the Board of Directors and John C. Eames, a director of the Merchants' Association of New York City, is general manager. Company is capitalized at $20,000,000. One-half the stock is to be issued immediately and the other half to be held in reserve to be used for future developments, such as docks, railroad terminals and a widening of the roadway.

Structure will be approx. 6-mi. long of rein. conc. construction extending from Little Coyote Point on San Mateo county side to the Alameda county shore. On the latter side a highway 3½ mi. long will connect the bridge with the roads reaching into the interior of the state. In the middle of the span a draw bridge 200 ft. in length will be built to allow the passage of ships to the southern end of the bay.

SONOMA COUNTY, Calif.—Until May 28, 2 p. m., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, to const. rein. conc. bridge in Sonoma county over Arroyo Seco Creek nr. Shellville; will consist of 2 40-ft. rein. conc. girder spans with necessary pier, abutments and wing walls. R. M. Morton, state highway eng. **See call for bids under official proposal section in this issue.**

SAN ANSELMO, Marin Co., Cal.—W. L. Proctor, Santa Rosa, at $55,393.57 submits low bid to town trustees to const. conc. bridges together with necessary grading, paving and curbing approaches. Other bids: Rocca and Coletti, 69,750; C. H. Gildersleeve, $64,-600; S. P. Brownlee, $59,700; Wilson D. Ellis, $63,183; Frank Bryant, $60,855; John Kricish, $67,342. Schultz Const. Co. $59,788. Taken under advisement until May 7.

DREDGING, HARBOR WORKS AND EXCAVATIONS

SAN FRANCISCO—Until May 9, 3 p. m., bids will be rec. by Bd. Pub. Wks. for fur., del. and driving 60 Douglas Fir test piles across San Francisco Bay at Dumbarton Straits, under Cont. No. 9., Hetch Hetchy project. Piles to be as follows: 40 approx. 50 ft long; 10 approx. 60 ft. long and 10 approx. 75 ft. long; dia. of butt, 16-in. (14 to 18-in.; dia. of tip, 9-in. or more (min. 8-in.). Bond of 20% of contract price req. with each bid. Spec. obtainable from City Eng. Dept. 3rd floor, city hall, on deposit of $5.

SALEM, Ore.—State Highway Commission will provide funds in 1924 appropriations to finance construction of bridge over Willamette river at Harrisburg, to be financed jointly by state and Linn county. Construction is estimated at $200,000.

LOS ANGELES, Cal.—Until 11 a. m., June 2, bids will be rec. by U. S. Engr's Office, 725 Central Bldg., Los Angeles, for dredging at San Diego Harbor.

EL CENTRO, Cal.—See "Irrigation Projects," in this issue.

WASHINGTON, D. C.—Congress has allowed following sums to imp. rivers and harbors in the Pacific Coast section:

San Diego Harbor, Calif., $100,000; Los Angeles Harbor, $575,000; San Francisco Harbor, $300,000; Oakland Harbor, $325,000.

Suisun Bay channel, $13,000; San Rafael Creek, $1000; San Joaquin River, $26,000; Stockton and Mormon channels $5000; Mokelumne River, $800; Sacramento River, $95,000; San Pablo Bay & Mare Island Straits, $130,000; Yuba River, restraining barriers, $15,000.

Coos Bay, Ore., $900,000; Columbia and lower Willamette Rivers below Vancouver, Wash., and Portland, Ore., $900,000.

Lake Washington ship canal, $300,000 Hilo Harbor, Hawaii, $375,000; Nawiliwili Harbor, Hawaii, $300,000; San Juan Harbor, Porto Rico, $200,000.

LOS ANGELES, Cal.—Railroad Comm has granted authority to the Outer Harbor Dock and Wharf Co., of Los Angeles to issue $1,850,000 of class A preferred stock and $1,000,000 of class C preferred stock to Union Oil Company to reimburse the oil company for money advanced. The harbor company is also authorized to sell $2,000,000 of class B preferred stock and to use not exceeding $501,000 of the proceeds to pay the cost of extensions and improvements to the harbor company's plant. The balance of the fund received from the sale of the class B stock is to be placed in a special deposit and used only for such purposes as the commission may authorize in supplemental orders.

ESCONDIDO, Cal. — Work on construction of the 18 mi. ditch line bet. San Luis Rey river and the Escondido reservoir has been started by the San Diego County Water Co. Expense will be borne by that company and the Escondido Mutual Water Co. Ditch will be 2000 ft. long and will carry 70 sec. ft. Engr. C. H. Richards, in charge.

CALIFORNIA — See "Government Work & Supplies," this issue.

SAN FRANCISCO—See "Government Work and Supplies," this issue.

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268 Market St., San Francisco
Phone Douglas 6320-Doug. 6321

EL CENTRO, Cal.—Chief Engr. R. S. Carberry of Imperial Irrigation Dist., states work will be started soon on const. of a large drainage canal in the Westmorland Dist. The survey will be completed in 60 days. Work, to be done under the recent $7,500,000 bond issue, will be started not later than Sept. 1.

SAN FRANCISCO—Streets and Commercial Development Committee of Bd. of Supervisors at general meeting of Board will recommend the regrading of Rincon Hill, a $2,000,000 project. Committee will recommend that city pay cost of grading and re-paving of accepted streets as well as cost of sewers and high pressure systems. The work will be undertaken under the plan projected by the Chamber of Commerce and the Property Owners' Assn., which provides for the formation of a syndicate of businessmen which is to acquire the property and then proceed with the regrading as a whole. Accepting the values established by the appraisal of the San Francisco Real Estate Board, the property owners will then be given the opportunity of becoming shareholders in the syndicate or selling their property. The residents may also take down their holdings independently, but in accord with the general project.

IRRIGATION PROJECTS

VANCOUVER, Washington.—Walter Schwarz, county engineer, completing plans for Washougal diking project in Clarke county. Est. cost of drainage $120,000.

SACRAMENTO, Cal.—Subject to the submission later of satisfactory engineering plans for the construction of a pumping plant at Steiner Bend, the state reclamation board has approved the amendatory plans of Reclamation District No. 108, located in Yolo and Colusa counties, for improvements in its irrigation system.

EL CENTRO, Cal.—Until 10 a. m., May 8, bids will be rec. by Imperial Irrigation Dist., Masonic Bldg., El Centro, for following work: (a) extension of central drain; (b) culvert under Brawley main on central drain; (c) culvert under Southern Pacific Railroad central drain; (d) central drain outlet structure; (e) alignment New River and Alamo channels; (f) Holtville No. 6 drain; (g) Holtville No. 7 drain; (h) purchase of one drag line excavator, to be delivered at Meloland, Cal. Plans and spec. may be seen at the office of the dist. Cert. chk. 10%. F. H. McIver, secretary.

TUCSON, Ariz.—Vincent Odoni, engr for the Tucson Farms Co. and S. W. Cone, eng. for the Pima Farmers Co., are compiling data on acreage, etc. for the proposed power irrigation system.

TRACY, San Joaquin Co., Cal.—Directors of Banta-Carbona Irrigation District reject plans of eng. W. D. McCray for works to irrigate approx. 18,-500 acres and install W. D. Harrington, of Tracy, as eng. for dist.

LIGHTING SYSTEMS

SAN DIEGO, Cal.—Until 10:30 A. M., May 7, bids will be rec. by Council to const. ornam. light system complete, constructing of 52 reinf. concr. lighting posts, in Broadway, bet. 8th and 16th Sts.; 1911 Act. F. A. Rhodes, City Engr. Allen H. Wright, City Clerk.

LOS ANGELES, Cal.—Until 10 A. M., May 7, bids will be rec. by Bd. Pub. Wks. to const. ornam. light system in 16th St., bet. Figueroa and Hoover Sts.

SAN LEANDRO, Alameda Co., Cal.—Property owners in Davis St., bet. E-14th St. and S. P. tracks plan installation of ornamental light system.

SOUTH PASADENA, Cal.—City trustees declare inten. to const. ornam. light. sys. in Camden Ave., Court Ave., Huntington Dr., involv. 10 No. 500 single light conc. posts, equal to that manufactured by the Cement Products Co., each equipped with Novalux unit, 100 c. p. Mazda globe, etc.; 1911 Act.

EUREKA, Humboldt Co., Cal. — Downtown Assn. backs movement to install lighting in Second street. Pacific States Electric Co. has submitted estimates for standards costing approx. $115 each. Total est. cost $5000.

SANTA CRUZ, Santa Cruz Co., Cal.—City council plans formation of lighting district in business district and will install electrolier syatem. Present plans provide for installations in Pacific Ave. for its entire length from the beach to the upper plaza with an extension in Soquel Ave. to west approach of Soquel Ave. bridge and in Water St. to west approach of Water St. bridge. James K. James, city eng.

MACHINERY & EQUIPMENT

LOS ANGELES, Cal.—Garfield & Co., 1323 Hearst Bldg., San Francisco, awarded cont. by public service comm., for supplying conc. machinery and mixing apparatus under spec. 656 for the Weld canyon dam project, at $31,346 (item 2).

EL CENTRO, Cal. — See "Irrigation Projects," in this issue.

SAN FRANCISCO—On May 14, 11 a. m., Bd. of Pub. Wks. will sell to highest bidder at public auction, one 57-ton Heisler Geared Locomotive, manufacturer's No. 1105. The locomotive was used on the Hetch Hetchy railroad and is no longer required by the city. Bids for less than $10,000 will not be considered. Further information obtainable from City Engineer's office, 3rd floor, city hall.

RAILROADS

OREGON—Oregon Short Line R. R. Co. applies to Interstate Commerce Commission for permit to const. 27 mi. of new road from Orchard to Perkins, Idaho.

SEATTLE, Wash.—Until May 4, 10 A. M., bids will be rec. by W. D. Freeman, city purchasing agent, for fur. 2,640 ft. 56-lb. ASCE stand. steel r. r. No. 1 relay rails and angle bars, f. o. b. Rockport, Wash. Bidder must state time of delivery.

KELSO, Wash.—Hammond Lumber Co. will const. 6 mi. of logging railroad up Coweeman river from Kelso.

TEPIC, Mexico—Until May 15, bids will be rec. at Tepic, by E. B. Sloan, engineer in charge of constr. for the Southern Pacific Ry. of Mexico, for the principal contracts to const. main line bet. Tepic and La Quemada, work on which will start within 30 days, according to announcement by Pres. H. B. Titcomb, who will also be in the city of Tepic at that time. Contracts already let are: 3 mi. at the south end to Hagen & Armstrong, and 9 mi. at the north end to Twohy Bros.

WASHINGTON, D. C.—Oregon Short Line applies to Interstate Commerce Commission to const. 11 mi. branch line from Ammon, Idaho to Dumas, Idaho.

FIRE ALARM SYSTEMS

OAKLAND, Cal.—Until May 3, 12 M., bids will be rec. by E. K. Sturgis, city clerk, for fur. 100 quick-action type fire alarm box doors. Spec. obtainable from clerk. Bond of $300 req. of successful bidder.

FIRE EQUIPMENT

SAN LUIS OBISPO, Cal.—American La France, Seagrave and Stutz Companies submit bids to city council for fur. one triple comb. 350 to 750 gal. per min. pump capacity piece of fire apparatus with 1 or 2 40-gal. chemical tanks and with capacity for carrying from 1000 to 1250 ft. hose with tray of capacity of 150 ft. 1½-in. hose. Bids ranged from $7500 to $15,000. Taken under advisement.

MISCELLANEOUS SUPPLIES

SEATTLE, Wash.—Until May 11, 10 a. m., bids will be rec. by C. B. Bagley, secretary Bd. Pub. Wks. for fur. 26,000-volt switchboard and busbar equipment. Proposals will be rec. for the complete equipment or any of the divisions as follows: bus supports, copper tubing, busbar fittings, switchboard instruments, disconnecting switches and switchboard panels. Cert. check 5% payable to City Comptroller required.

LOS ANGELES, Cal.—Union Hdwe. & Metal Co., 411 E 1st St., submitted low bid to pub. service comm. at $8.22 cwt. for 30 tons pig lead soft enough for caulking cast iron water pipe. Other bids were: Busch Pipe & Supply Co., $8.23; Crane Co., $8.34; N. O. Nelson Mfg. Co., $8.47.

LOS ANGELES, Cal.—Cal. Wire Wks. awarded cont. by public service comm. at $33,095 for insulated wire and cable under spec. No. P-308.

Ingersoll-Rand Co., Higgins Bldg., awarded cont. at $2799 f. o. b. Los Angeles for fur. one portable gas engine compressor unit under spec. 657-A.

Holbrook, Merrill & Stetson Co., 760 N Spring St., awarded cont. at $579 for fur. dept. one heavy duty range.

RESERVOIRS AND DAMS

SACRAMENTO, Cal. — See "Power Plants," this issue.

OAKDALE, Stanislaus Co., Cal. — Oakdale and San Joaquin Irrigation Districts set May 25 as date to vote special assessment for $112,500 to purchase Melones dam site.

PIPE LINES, WELLS, ETC.

SAN MARINO, Cal.—Sidney Smith, 2025 Bay St., Los Angeles, awarded cont. by San Gabriel Valley Water Co. for trenching and laying 6200 ft. 6-in. cast iron pipe with cem. joints at 56c ft.; and 3600 ft. 4-in. cast iron pipe with cem. joints at 35c ft. The pipe is to be laid in the Oak Knoll dist. of San Marino.

FULLERTON, Cal.—Until 7:30 p. m., May 8, bids will be rec. by city clerk for 43,000 ft. 4-in. class B cast iron pipe; 4000 ft. 6-in. class B cast iron pipe; 3500 ft. 8-in. class B cast iron pipe; f. o. b. cars Fullerton. Cert. check 5%. F. C. Hezmalhalch, city clerk.

EAST SAN DIEGO, Cal.—All bids for furnishing valves to the city rejected by trustees and the purchasing agent instructed to purchase Rensselaer double disc valves from the Water Works Supply Co. at prices in their bid.

GLENDALE, Cal.—Until 7 p. m., May 10, bids will be rec. by City Clerk Van Wie for fur. 7000 ft. 12-in. water pipe; cast iron, Matheson joint and riveted steel will be considered.

PASADENA, Cal.—Until 10 a. m., May 9th, bids will be rec. by City Clerk Beesie Chamberlain for fur. quantity of pipe and fittings as listed in office of city engr. Check 10%.

EAST SAN DIEGO, Cal.—U. S. Cast Iron Pipe & Foundry Co. awarded contract by city trustees for fur. cast iron pipe. E. Paul Ford, city engr.

Cut Your Costs

SMITH-BOOTH-USHER CO.

Direct Factory Representatives and Distributors

50-60 FREMONT ST.

Sutter 952 San Francisco

SEWAGE DISPOSAL PLANTS

PASADENA, Cal.—The Concrete Machinery & Supply Co. awarded the contract at $3849.05 for furnishing a lot of gate equipment for the sewage disposal plant at the city farm.

HUNTINGTON PARK, Cal. — See "Sewers & Street Works," this issue.

PASADENA, Cal—Joe Chutuk awarded cont. at $43,008 to const. segment block sewer at the sewage disposal plant at the city farm.

WHITTIER, Cal.—deWaard & Cobham, 207 Granger Bldg., San Diego, submitted low bid to city trustees at (a) $137,904.20 to const. outfall sewer and disposal works complete, in accordance with the plans prepared by Black & Veatch, consulting engrs., Fay Bldg., Los Angeles, A. P. Learned, representative in charge of this work. Their bid on that portion of the outfall to be constructed at this time was (b) $48,554.10. As approx. $95,000 is all that is now available the entire contract can not be let, but on this basis, deWaard & Cobham, would be the low bidders also at (c) $46,250 for that portion of the disposal works to be let at this time, viz.: the lower end of the outfall, the Imhoff tanks, and sludge filter. The proposed work involves 3541 ft. 18-in.; 3400 ft. 24-in.; 8682 ft. 27-in. sewer pipe; 728 ft. 27-in. conc. or steel pipe; 30 manholes; and reinf. conc. Imhoff tanks and filter beds with capacity of 1,000,000 gals. Other bids were: Harvey Hanawalt, La-Verne, (a)—; (b)—; (c) $88,719; Frank Doran and B. B. Boyd, San Diego—(a) $158,530.91; (b) $56,507.18; (c) $102,023.73; Nick Bebek, Los Angeles, (a)—; (b) $62,217.50; (c)—. Clarence P. Day Pasadena—(a)—; (b)—; (c) $66,592.

MISCELLANEOUS CONSTRUCTION

MERCED, Merced Co., Cal. — Hunt Engineering Co., Kansas City, has contract to erect a cement plant on property along the Merced river, at the mouth of Jenkins Gulch, for Yosemite Cement Co., composed of middle-west men, who will expend approx. $1,000,000 on present undertaking. The purchase of the lime output has been contracted for by the Agricultural Lime & Compost Co., American Natl. Bank Bldg., San Francisco. J. E. Monroe one of the officers. The cement company has secured 1500 acres in the San Joaquin Valley, additional to the Merced river holdings.

SOUTH PASADENA, Cal.—Until May 14, 5 p. m., bids will be rec. by City Clk Nettie A. Hewitt, to const. pedestrian subway under Huntington Dr., at Fremont Ave., together with certain changes to sewer system and storm drains. Cert. check 10%. R. V. Orbison, street supt. Subway will be 209 ft. long passing under railroad tracks; inside dimensions, 6x7 ft. reinf. conc. constr. A 60 ft. sec. will have walls 2 ft. thick at base, tapering to 20 in. at top, and 8-in. rf. slab reinf. with steel rails. Other portion will have 9-in. walls reinf. and 8-in. rf. slab. Sewer will include 250 ft. 8-in. vit. pipe and 2 manholes; storm drain will require 175 ft. conc. box 3 ft. x 1½ ft.

WATER WORKS

FULLERTON, Cal.—Until 7:30 p. m., May 8, bids will be rec. by city clerk to erect one hemispherical bottom steel water tank and tower; tank to have a capacity of 75,000 gals. and tower to be 75 ft. high. W. C. Record, city engr. Cert. chk 5%. F. C. Hezmalhalch, city clerk.

LOS ANGELES, Cal.—Art Concrete Works, Box 417, Pasadena, awarded contr. by pub. service comm., at $6350 f. o. b. Los Angeles for conc. meter boxes under spec. 657. Delivery in 30 days at the rate of 1500 per mo.

SAN BRUNO, San Mateo Co., Cal.—City trustees will call election shortly to vote bonds of $200,000 to finance water system improvements.

SEWERS AND STREET WORK

LOS ANGELES, Cal.—Griffith Co., L. A. Ry. Bldg., submitted low bid to Bd. Pub. Wks. at approx. $77,555 to imp. Highland Ave., bet. Cahuenga Ave. and Sunset Blvd., involv. 161,520 sq. ft. grading 4c ft.; 160,059 sq. ft. paving 33c ft.; 1401 sq. ft. conc. paving 30c ft.; 2254 sq. ft. rough grading 4c ft.; 2254 sq. ft. oiling 7c ft.; 795 ft. curb 70c ft.; 3264 sq. ft. walk 25c ft.; 11,103 sq. ft. gutter 30c ft.; catch basins and culverts, $12,000; 588 ft. hse. sewers, $1.50 feet.

Griffith Co. awarded cont. at $14,645 to imp. 16th St., bet. Pacific Ave. and Gaffey St., involv. grading at $1615 (lump sum); 562 sq. ft. conc. paving 27c ft.; 45,596 sq. ft. Topeka paving 22c ft.; 2400 sq. ft. gutter 27c ft.; hse. sewers $1.50 ft.

Griffith Co. awarded cont. at $13,215 to imp. Madison Ave., bet. Santa Monica Blvd. and Lockwood St., involv. grading at $4300 (lump sum); 23,878 sq. ft. asph. paving 24c ft.; 1308 ft. curb 70c ft.; 6693 sq. ft. walk 22c ft.; 1382 sq. ft. conc. gutter 25c ft. conc. retaining wall $400; 14 ft. 18-in. clay pipe complete $50.

Griffith Co. only bidder to imp. Gaffey St., bet. 19th and 22nd Sts., San Pedro, involv. grading at $2800 (lump sum); 91,649 sq. ft. asph. paving 23.7c ft.; 1877 sq. ft. conc. paving 24c ft.; 3175 ft. curb 72c ft.; 14,943 sq. ft. walk 22c ft.; 4556 sq. ft. gutter 24c ft.; san. sewer compl. $700; 521 ft. hse. sewers $1.60 ft.

Griffith Co. awarded contr. at $5800 to imp. Hunter St., bet. Lawrence and Alameda Sts., involv. grading at $900 (lump sum); 18,173 sq. ft. asph. paving 26c ft.; 12 ft. curb 75c ft.; 20 sq. ft. gutter 40c ft.; 19 ft. hse sewers $1.75 ft.

Geo. R. Curtis, 2440 E 26th St. awarded contr. at $10,272 to imp. Rosewood Ave., bet. Wilton Pl. and Van Ness Ave. involv. grading $1000 (lump sum); 34,169 sq. ft. Warrenite-bitul. paving 25c ft.; 2396 sq. ft. conc. gutter 25c ft.; 65 ft. hse. sewers $2 ft.

Adam Layer, 509 Grosse Bldg., low bidder to imp. Milwaukee Ave., bet. Springvale Dr. and 136.39 ft. n of Fayette St., involv. grading at $1800 (lump sum); 200 sq. ft. conc. paving 40c ft.; 31,831 sq. ft. oiling and rolling 7c ft.; 2134 ft. curb 70c ft.; 10,514 sq. ft. walk 24c ft.; 4658 sq. ft. gutter at 33c ft.

LOS ANGELES, Cal.—Until 10 a. m., May 14, bids will be rec. by Bd. Pub. Wks. to imp. 36th Pl., bet. Western Ave and St. Andrews Pl., involv. 576 sq. ft. conc. paving; 24,141 sq. ft. grading and oiling; 1785 ft. curb; 8692 sq. ft. walk; 3607 sq. ft. gutter; Vrooman Act.

LOS ANGELES, Cal.—Until 10 a. m., May 14, bids will be rec. by Bd. Pub. Wks. to const. sewer in J St., bet. Fries and Lagoon Aves., involving 13,000 ft. 8-in. vit. pipe; 11,432 ft. hse. sewers; Vrooman Act.

LOS ANGELES, Cal.—Croatian-American Inv. Co., Inc., 208 W 2nd St., awarded contr. by Bd. Pub. Wks. at $57,700 to const. sewer complete in Burck Pl. bet. Country Club Dr. and 12th St.

VALLEJO, Solano Co., Cal.—City Eng T. D. Kilkenny preparing spec. to pave Garford alley bet. Sonoma and Sutter streets.

REDONDO, Cal.—Until 8 p. m., May 14, bids will be rec. by city trustees to imp. Gertrude Ave., bet. Pearl and Ruby Sts., grade and pave with oil and screenings wearing surface; const. curb, gutters and walks; Vrooman Act. Victor H. Stahell, city engr.

SANTA BARBARA, Cal.—City Engr. George D. Morrison preparing spec. to pave Bradbury and Brinkerhoff Aves., both bet. Chapala and De la Vina Sts., and Cota and Haley Sts., bet. Chapala and Castillo Sts. Plans ordered prepared for grading and gutter work on Pedregosa St.

REDWOOD CITY, San Mateo Co., Cal.—City eng., C. L. Dimmitt making survey for sewer improvements in Edgewood rd. and in the west end of Whipple Ave.

LOS ANGELES, Cal.—Geo. H. Oswald, 366 E 58th St., submitted only bid to supervisors at $615,000 for road imp. from Palmdale south to Shoemaker's Ranch (R. D. 1. No. 157), 23.6 mi., as follows: 10.7 mi. 6-in. asph. conc. 18-ft. wide; 6.5 mi. 5-in. asph. conc. 18-ft. wide; 31 mi. dis. gran. pave; 3.3 mi. graded roadway 24-ft. wide. Aver. haul Palmdale to Little Rock Creek plant, 9 mi. Est. contr. price, $574,292.30. Work involves 35,000 cu. yds. rock excav.; 118,000 cu. yds. earth excav. and borrow; clear, and grub, amtg. to approx. $7000; 124,260 lin. ft. shap. roadbed; 168,524 sq. yds. 5-in. asph. conc. pave; 112,767 sq. yds. 6-in. asph. conc. pave; 33,100 sq. yds. 6-in. disinteg. gran. pave; 33,100 sq. yds. 6-in. disinteg. gran. pave.; 2333 ft. 15-in., 2114 ft. 18-in., 333 ft. 24-in., 259 ft. 30-in., 121 ft. 36-in. and 178 ft. 48-in. corr. iron pipe; 516 cu. yds. conc. headwalls.

B. D. Baucus, 626 Roberts Bldg., only bidder at $8141.38 for imp. Randolph St., bet. Cudahy and Pine Aves. and portions of Pine Ave., 60th and 61st Sts., under County Imp. No. 13, involv. 1539 cu. yds. excav. 85c yd.; 4812 ft. curb 56c ft.; 19,231 sq. ft. walk 21c ft.

SAN FRANCISCO—Bd. Pub. Works. awards contracts as follows:

L. J. Cohn, 180 Jessie St. at $12,900 to const. pedestrian walk along Great Highway; involves const. of 6000 lin. ft. board walk at $2.15 lin. ft.

Pacific States Const. Co., Call Bldg., at $7347.10 to imp. Ralston Ave., bet. Halloway and Garfield, involv. 1330 lin. ft. conc. curb, 81 lin. ft.; 6000 sq. ft. conc. pavement, $.31 sq. ft.; 13,950 sq. ft. asph. conc. pavement, $.298 sq. ft.

Pacific States Const. Co., at $3967.50 to imp. crossing of Willard & Turk Sts. and Turk bet. Willard and Arguello Blvd., involv. 75 lin. ft. granite curb, $1.45 lin. ft., 122 lin. ft. conc. curb, $1.45 lin. ft.; 5106 sq. ft. art. stone walks, $.13 sq. ft.; 34 lin. ft. 18-in. sewer, $3.90 lin. ft.; 34 lin. ft. 15-in. sewer, $3.40 lin. ft.; 76 lin. ft. 10-in. culvert, $2.50 lin. ft.; 2 br. catchbasins, $1.45 lin. ft.; 7848 sq. ft. asph. conc. pavement, $.298 sq. ft.

Manuel Smith, Oakland, at $751 awarded cont. to sewer Peabody St., bet. Leland & Wisconsin, involv. 300 lin. ft. 8-in. sewer, $1.90 lin. ft.; 18 8-in. wye branches $.50 each; 72 lin. ft. 6-in. side sewers $1 lin. ft.; 1 br. manhole $100.

BERKELEY, Alameda Co., Cal.—City Eng. C. L. Huggins submits estimate to City Planning Commission to continue the Tunnel Road into Berkeley. Entire project, according to estimates, would cost $61,000.

LOS ANGELES., L. A. Co. Cal. — Griffith Co., L. A. Ry. Bldg., submitted low bid to supervisors at $13,755 to imp. St. Louis Ave., near Long Beach, from 11th St. to 14th St., 1221.7 lin. ft. or .23 mile, under County Imp. No. 6, involv. 948 cu. yds. excav. $1.10 ft.; 3936 sq. ft. walk 24c ft.; 862 ft. curb 60c ft.; 6217 sq. ft. gutter 29c ft.; 4700 sq. yds. 3-in. asph. conc. base $1.04 yd.; 4700 sq. yds. 2-in. Willite surface 97c yd. H. G. Feraud, 1214 Detwiler Bldg., bid 50c excav.; 25c walk; 65c curb; 30c gutter; $1.15 asph. conc. base; $1.10 Willite surface; total, $15,501.20.

VISALIA, Tulare Co., Cal.—City Eng. L. H. Gadsby completes spec. to imp. Willis St., involv. 2807 cu. yds. grading, cut; 75 cu. yds. grading, fill; 194,370.2 sq. ft. 2½-in. asph. conc. base with 1½-in. Warrenite-Bit. wearing surface pavement; 3438 lin. ft. curb; 7452 lin. ft. gutter; 528 lin. ft. culvert, part circle, corru. iron; 132 lin. ft. 8-in. corru. culvert; 1040 sq. ft. cement conc. alley approaches; 1079 lin. ft. 8-in. vit. tile pipe storm sewer; 2 br. storm sewer manholes; 10 catchbasins; 934 lin. ft. header boards (left in place); 270 lin. ft. c. l. 4-in. corner drain pipe. Work under 1915 Bond Act. Protests April 30. L. H. Gadsby, city eng.

SANTA CRUZ, Santa Cruz Co., Cal.—City Council petition to pave Pacheco Ave. with oil macadam. Referred to City Eng. James K. James for report.

HAWTHORNE, Cal.—H. Wigman, 1905 Summit Ave., Hermosa, awarded cont. by trustees at $34,868 to imp. Hawthorne Ave., east from Balboa St., inuvolv. 3790 ft. 24-in. curb; 41,400 sq. ft. 4-in. sidewalks; 37,920 sq. ft. 6-in. concr. pavement with two-course oil and rock screenings protective coat; including grading; 78,040 sq. ft. resurfacing concr. pavement with 2-course oil and screening protective coat; 3900 ft. 1½-in. Sheradized light conduit; 4000 sq. ft. repaving with concr. and oil and screenings top, and 1500 ft. corr. iron arch and concr. storm drain. Other bids were: Southwest Paving Co., $38,-964.08; Hill Constr. Co., $40,451; Joe Mullarkey, $11,947.80; W. D. McCray, $42,964.70. George R. Curtis submitted an irregular bid, omitting the pipe conduit.

SACRAMENTO, Cal.—City council, H. G. Denton, city clerk, declares inten. to improve:

9th St., bet. N and R Sts.: const. conc. curb and gutter; c. i. gutter drains with 6-in. vit. manhole connections; reconst. manholes and catchbasins; grade; pave with asph. conc.

T St., bet. 15th and 28th Sts.: reconst. manholes; grade; pave with 2-in. asph. conc. with seal coat.

Alley bet. 3rd and 4th Aves., 33rd & 34th Sts.; alley bet. T, U, 5th and 6th Sts.; alley bet. O, P, 10th and 11th Sts.: const. conc. catchbasins with 6-in. vit. sewer connections; extend sewer services to prop. line; reconst. manholes; const. curtain walls; 1-in. water main connections; grade; pave with 5-in. hyd concrete.

All under 1911 Act. Protests May 10. Albert Givan, city eng.

PORTLAND, Ore.—Following low bid rec. by Dist. Eng. U. S. Bur. Pub. Rds., New Postoffice Bldg., Portland.:

Sec. 2, Natl. Forest Rd., Inland Empire, partly located in Colville Natl. Forest Ferry County, Washington state; Siems and Carlson, Spokane, Wn. $167,571. Award recommended.

Surfacing Glacier-Shuksan sec. in Mt. Baker Dist. Siems and Carlson Spokane, Wn., $48,150; recommend that bids be rejected.

Glacier-Excelsior sec. Mt. Baker Dist. Lucich & Co., Seattle, Wn., $98,413.98; recommend that bids be rejected.

UKIAH, Mendocino Co., Cal.—Until May 15, 10 A. M., bids will be rec. by W. H. Prather, County Clerk, to const. Sec. 2 of proposed rd. from SW Cor. of Race track to Clark's Bridge, involv. 30 cu. yds. unclassified excavation; 3,-103.97 cu. yds. borrow; 75 cu. yds. rein. conc.; 80 lin. ft. 18-in. corru. iron pipe culverts; 301 cu. yds. crushed rock or gravel surfacing. Cert. check 10% req. Spec. on file in office of clerk.

SAN FRANCISCO — Following bids rec. by Dist. Eng. C. H. Sweetser, U. S. Pub. Bds. 881 Mills Bldg., to const. Austin Fast National Forest Highway, adjacent to Toiyabe Natl. Forest, Lander County, Nevada State, 16.5 mi. in length involv. 80,000 cu. yds. unclass. excav.; 188 cu. yds. A and 196 cu. yds. C conc.; 3250 lin. ft. corru. met. pipe; 16,000 lbs. rein. steel and 7150 cu. yds. surfacing. Project is located about 12 mi. east of Austin.

Hill & Bryant, Reno, Nev., $113,651.31, $113,250.92.

Easton & Brown, Austin, Nev., $99,-318.65, $98,518.05.

W. S. Griscom & Co., S. F., $130,454.15, $131,253.57.

Alston & Hogan, Salt Lake, $136,924.24, $136,123.66.

Nevada Contracting Co., Fallon, Nev., $121,427.90.

SAN JOSE, Santa Clara Co., Cal.—Council, J. J. Lynch, clerk, declares inten. to imp. 12th St., bet. Santa Clara and Julian; grade; pave with 1½-in. Durite asph. conc. surface on 3-in. Durite asph. conc. base; hyd. cem. walks; reconst. hyd. cem. gutters; const. 1 br. catchbasin; 8-in. vit. pipe drains. 1911 Act & Bond Act 1915. Protests May 14.

Inten. declared to imp. Empire St., bet. 10th and 17th Sts.; grade; pave with 1½-inn. Warrenite-Bit. surface on 3-in. bit. conc. base; hyd. cem. conc. curbs, gutters and walks; const. 4 br. catchbasins; 8-in. vit. pipe drains, 1911 Act & Bond Act 1915. Protests May 14. Wm. Popp, city eng.

VISALIA, Tulare Co., Cal. — Edgar Noble, Visalia, awarded cont. by R. F. Cross, representing R. E. Hyde, for approx. 10,000 sq. ft. of pavement; conc. curbs and walks in the Sierra Vista Tract.

YUBA CITY, Sutter Co., Cal.—City trustees, C. C. Kline, clerk, declare intention to imp. portions of B St.; grade pave with 5-in. conc.; const. conc. curbs 1911 Act. Protests May 9. Edw. Von Geldern, city engineer.

MERCED, Merced Co., Cal. — City trustees, W. W. Cornell, clerk, declares inten. to imp. portions of M St., 25th St., etc., grade; pave with 4-in. asph. conc.; const. conc. curbs and gutters. 1911 Act. Protests May 21. C. D. Martin, city engineer.

NEVADA—Dodge Bros. and Dudley Contracting Co., Fallon, Nevada, at $185,181.66 awarded cont by State Highway Comm., to const. 20.72 mi. highway in Clark county from Crystal to West Slope of Mormon Mesa, involv. 136,200 cu. yds. unclass. excav.; 10,433 yd. sta. overhaul; 20.72 mi. prepare subgrade and shoulders; 28,400 cu lds. loading and screening gravel; 60,100 yd. mi. hauling gravel; 28,400 cu. yds. spread gravel; 140 cu. yds. A and 510 cu. yds. C conc.; 1250 lin. ft. 15-in., 968 lin. ft. 18-in., 590 lin. ft. 24-in., 246 lin. ft. 30-in., 206 lin. ft. 36-in. corru. metal pipe, complete in place; 2232 lineal feet wooden guard rail; 198 monuments; 3 sign posts. Wasatch Grading Co., 24 E-First North St., Provo, Utah, only other bidder at $198,286.16.

STOCKTON, San Joaquin Co., Cal.—Council rejects bid of Clark and Henery Const. Co., 38 S Sutter St., Stockton, at $42,991.53 to imp. portions of Hazelton, E-Scotts, Laurel, Ash, Court, B Sts., et al, grade; const. conc. curbs and gutters; conc. walks; paving with 3-in. crushed rock base and 2-in. asph. conc. surface. New bids will be asked. W. B. Hogan, city engineer.

SOUTH SAN FRANCISCO, San Mateo Co., Cal.—Until May 14, 7:30 P. M., bids will be rec. by Daniel McSweeney, City Clerk, to imp. portions of Swift Ave. by grade; const. decomposed granite sidewalks; wooden bridges; corru. iron culvert and vit. pipe sewer. 1911 Act and Bond Act 1915. Cert. check 10% payable to city rec. Geo. A. Kneese, Courthouse, Redwood City, Eng.

LOS ANGELES, Cal.—W. T. Knowlton, engineer of sewers of Los Angeles, announces plans and spec. for most of the different sections of new outfall sewer will be submitted to board of public works within 30 days Total length to outfall is 15.4 mi. of which 7.2 mi. will be semi-elliptical design, 12 ft. high and 13 ft. wide, 2 mi. to be laid in open cut and remainder in tunnel. Remaining portion will be circular, 4 ft. 9 in. to 8 ft. 6 in. diam. Average length of ea. sec. about 1.4 mi. Bids will be taken for 3 types of circular sewer—brick arch on concr. invert, segmental block on concr. base, and pre cast. reinf. concr. pipe with vit. tiling lining on concr. base. Bids for elliptical sewer will embrace two types—brick arch on concr. base with vit. brick inner ring, and segmental block for upper quadrant and liner for remainder of interior surface above concr. base. Depth of sewer for Secs. 10 to 14, incl. will average 18.3 ft. Ocean end of outfall will consist of 5145 ft. 84-in. precast reinf. concr. pipe with two 60-in. branches each 283 ft. at outlet; pipe to be laid just below ocean floor and protected by bulk conc.

OAKLAND, Cal.—Council, E. K. Sturgis, Clerk, declares inten. to imp. Brush St. bet. 1st and 14th Sts: by const. 8, 15, 18, 21 and 24-in. vit. sewers and 30-in. conc. sewer; deepen manholes; const. br. manholes; vit. pipe drop connections, wye, pipe slants, removing manholes, etc 1911 Act. Protests May 17. W. W. Harmon, City Engineer.

NORTH SACRAMENTO, Cal.—North Sacramento Chamber of Commerce backs movement to organize road improvement district under 1915 Act to improve roads in that section of Sacramento county.

SAN DIEGO, Cal.—City council awards paving contracts as follows:

Calif. Constr. Co., Union Bldg., at $20,049.11 for concr. paving 8th and A Sts.

G. R. Daley, 4430 Boundary St., at $14,072.73 for bitum. paving Eagle St.

Calif. Constr. Co., Union Bldg., at $16,233.80 for bitum. paving Goldsmith and Evergreen Sts.

Cushing Constr. Co., Union Bldg., at $13,966.91 for concr. paving Harbor St.

SOUTH PASADENA, Cal.—Ducey & Breitenstein, 151 S. Hill Ave., Pasadena, awarded contr. by city trustees to imp. Magnolia Ave., bet. Meridian and Fremont Aves., involving 39,000 sq. ft. 8-in. crushed rock and oil paving 10.9c ft; 4700 sq. ft. concr. gutter, 23c ft.; 200 ft. 14-in. curb, 50c ft.; 500 sq. ft. 5-in. walk, 16c ft.; 72 ft. 6-in. vit. pipe laterals, $1.10 ft.

SAN JOSE, Santa Clara Co., Cal.—Raymond H. Crummey, 121 Pearl St., Oakland, awarded cont. by council to improve:

6th St., bet Margaret & Keyes: grade; pave with 3-in. Bitulithic cem. bit. base with 1½-in. Warrenite-Bit. surface; conc. curbs and gutters; art. stone walks 2 br. catchbasins; 8-in. pipe drains.

7th St., bet. Martha & Keyes: grade; pave with 3-in. Bitulithic cem. bit. base with 1½-in. Warrenite-Bit. surface; conc. gutters; art. stone walks; 4 br. catchbasins; 8-in. vit. pipe drains.

VENICE, Cal.—City trustees declare inten. to imp. Venezia Court, bet. Lincoln and Linden Ave., and bet. Linden and Oakwood Aves.: grade and pave with 16-in. Willite surface on 2-in. asph. conc. base; 1911 Act. J. B. Griffin, city engr. T. H. Hanna, city clerk.

SANTA ANA, Cal.—County Rd. Commissioner J. L. McBride preparing plans for county highway to connect the present highway with the new pavement near the bridge at Newport Beach.

SANTA BARBARA, Cal—County Surveyor Owen H. O'Neill preparing spec. for road work proposed for the Santa Ynez valley. This work involves approx 25 mi. of oil macad. A rough estimate places the work at $1,000,000. Plans and spec. will be ready in June.

VENICE, Cal.—City Engr. J. B. Griffin completes spec. to pave Rialto Ave. with 4-in. conc.; Crescent Pl., with 3½-in. Willite; and several alleys in the Venice Gateway tract with 4-in. conc.

RIVERSIDE, Cal. — H. D. Churchill Co., 350 Merrick St., Los Angeles, awarded contr. by council at $117,348.06 to const. sanitary sewer system with wye branches, manholes, cleanouts, boxes, sludge basins, piling and concr. syphon in various streets. Other bids were: C. E. Green, $133,802.98; de Waard & Cobham, $154,706.72; Claude Fisher, $160,347.01; D. T. Shea, $163,-195.60; Leo Miletich, $252,579.05.

YREKA, Siskiyou Co., Cal.—Associated Chambers of Commerce of Siskiyou county backs movement to call election to vote bonds to finance road improvements. Proposed to set sum in excess of $500,000. Albert J. Parrott, county surveyor.

HUNTINGTON PARK, Cal. — The $250,000 sewer bond issue carried at election Apr. 24. The issue provides for a new sewer system, outfall and disposal and treatment plant. Howard McCurdy, Pac. Elec. Bldg., Los Angeles, City Engr. The work involves a combined outfall and interceptor system, approx. 4 miles long, 10 acres land for treatment plant, activated sludge system settling tanks and filters. The outfall will cost approx. $55,000. The pipe used will vary from 18-in. to 24-in. Kind of pipe has not been determined.

OAKLAND, Cal.—Council, E. K Sturgis, Clerk, declares inten. to imp. portions of 8th Ave. bet. E-14th and Plymouth Sts.: Grade; const. conc. curbs, gutters; cem. walks; oil macadam pavement; corru. iron and conc. culverts. 1911 Act. Protests May 17. W. W. Harmon, City Eng.

LONG BEACH, Cal.—Two Miracle Concrete Corp., Great Falls, Mont. (temporary address, Alexander Hotel, Long Beach), awarded contr. by council at approx. $486,000 to imp. sts. and const. storm and sanitary sewers in dist. 4, or the Belmont Shore Dist., involv. 870,746.91 sq. ft. 5-in. concr. paving incl. grading, 27c ft.; 33,610.19 ft. curb, 70c ft.; 168,573.44 sq. ft. walk, 21c ft. Contract also includes storm drain requiring 10,923 ft. reinf. concr. pipe 6-in. to 42-in. diameter; sanitary sewer requiring 54,326 ft. cem. pipe from 8-in. to 14-in. diameter, 1377 ft. 12-in. cast-iron piper, 202 manholes, 4 flush tanks, 71 lampholes and 78 catch basins, also a sewage pumping plant with pneumatic ejectors, costing $22,400.

PORTLAND, Ore.—Until May 15, 10 A. M., bids will be rec. by C. H. Purcell, Dist. Eng. U. S. Bur. of Pub. Rds., 316 New Post Office Bldg., Portland, for highway projects, as follows:

Devil's Lake-Siletz Nat'l. Forest Rd. adjacent to Siuslaw Nat'l. Forest, Oregon state, county of Lincoln, 5.6 mi. involv. 27 acres clearing; 11 acres grubbing; 20,000 cu. yds. rock excavation; 138,000 cu. yds. common excavation; 1,150 ft. wood span; 287 ft. trestle; 3,200 lbs. rein. steel; 120 cu. yds. conc .:2,800 lin. ft. piling; 12.5 m. b. m. timber trestles.

Trail-Crater Lake, Sec. 1, Nat'l. Forest Rd. located in Crater Nat'l. Forest, Oregon State, Jackson county, 8.7 mi., involv. 19,500 cu. yds. crushed rock surfacing; 458 stations subgrade; 1,000 cu. yds. crushed rock for maintenance.

Mt. Baker Highway, Glacier-Shuksan Nat'l. Forest Rd., in Washington Nat'l. Forest, Washington state, Whatcom county, 14.7 mi. involv. 29 acres clearing; 17 ac. grubbing; 20,000 cu. yds. rock excavation; 40,000 cu. yds. common excavation; 5.9 mi. finishing earth road; 1,866 lin. ft. log culverts; 600 lin. ft. rustic guard rail; 53 tons steel erected and painted; 270 lin. ft. bridge deck; 200 cu. yds. Class C concrete; 14,500 cu. yds. surfacing; 465 sta. subgrade.

Randle-Yakima, Randle Sec. Nat'l. Forest located partly in Rainier Nat'l. Forest, Washington state, Lewis county, 2.5 mi. involv. 8 acres clearing; 6 ac. grubbing; 9,700 cu. yds. rock excavation; 15,700 cu. yds. common excavation; 50 cu. yds. Class A and 20 cu. yds. Class C concrete; 5,000 lbs. reinforcing steel; 450 lin. ft. culverts; 5,500 cu. yds. surfacing.

Gov't. has equipment for rental to contractors. Plans obtainable from eng. at Portland on deposit of $10, returnable.

SANTA CRUZ, Santa Cruz Co., Cal.—No bids rec. Apr. 24 by council to const. 6-in. vit. sewer in portion of Alta Ave., 4 br. manholes with c. i. tops; 54 wye branches. New bids will be asked. Jas. K. James, City Eng.

SOUTH PASADENA, Cal.—Until 5 P. M., May 14, bids will be rec. by city Trustees to imp. Oak Hill Ave., including 1540 cu. yds. excav.; 18,000 sq. ft. 2-in. rock and oil paving; 2500 sq. ft. cem. gutter; 950 lin. ft. curb; 1911 Act. Nettie A. Hewitt, City Clerk.

SAN FRANCISCO—Until May 16, 3 p. m., bids will be rec. by Bd. Pub. Wks. to imp. Exeter St., bet. Paul and Salinas Aves., involv. 2588 cu. yds.; 383 cu. yds. fill; 1200 lin. ft. conc. curbs; 18,000 sq. ft. asph. conc. pavement. Spec. obtainable from City Eng. Dept., 3rd floor, City Hall.

BURLINGAME, San Mateo Co., Cal.—City trustees, J. R. Murphy, clerk, declare inten. to imp. portions of San Mateo Dr., Paloma Ave. and Palm Dr.; grade; const. hyd. cem. walks, curbs and gutters; pave with 5-in. hyd. cem. conc. base with 1½-in. asph. wearing surface; const. ironstone main sewers, manholes, storm water sewers; 4-in. lateral sewers, etc. 1911 Act & Bond Act 1915. Protests May 21. Carl Torello, city eng.

VENICE, Cal.—City trustees declare inten. to imp. Superba Ct., bet. Lincoln Blvd and Linden Ave., grade; pave with 4-in. cem. concr.; also imp. portions of other streets; 1911 Act. T. H. Hanna, city clerk. J. B. Griffin, city engr.

WHITTIER, Cal.—See "Sewage Disposal Plants," this issue.

STOCKTON, San Joaquin Co., Cal.—Until May 22, 10:30 a. m., bids will be rec. by A. L. Banks, city clerk, to imp. portions of Harrison, Lincoln, Clay, Anderson Sts., etc., grade; const. comb. conc. curbs and gutters; pave with 4-in. cem. gravel base with 2-in. asph. macadam surface. 1911 Act and Bond Act. 1915. Cert. check 10% payable to city req. W. B. Hogan, city eng.

OAKLAND, Cal.—City Council, E. K. Sturgis, clerk, declares inten. to imp. Harrington Ave., bet. Custer and Nevil sts.; const. 6-in. vit. sewer; 4 br. manholes; 2 vit. pipe lampholes and vit. wye branches. 1911 Act. Protests May 24. W. W. Harmon, city eng.

SANTA BARBARA, Cal.—City Engr. Geo. D. Morrison preparing spec. to imp. all sts. in Oak Park dist., incl. Bath and Castillo Sts. Water mains will be laid before work is started.

STOCKTON, San Joaquin Co., Cal.—City Council, A. L. Banks, Clerk, declares inten. to imp. portions of E-Weber Ave.; Grade; const. comb. conc. curbs and gutters; conc. walks; pave with 2½-in. crushed rock base and 2½-in. asph. conc. base with 2-in. asph. conc. wearing surface; portion of C St.: Grade; const. comb. conc. curbs and gutters; conc. walks; pave with 3-in. crushed rock base with 2-in. asph. conc. wearing surface. 1911 Act and Band Act 1915. Protests May 22. W. B. Hogan, City Eng.

STOCKTON, San Joaquin Co., Cal.—City Council, A. L. Banks, Clerk, declares inten. to imp. portions of Channel, Cross and Center Sts.: Grade; const. comb. cuc curbs and gutters; conc. walks; pave with 3-in. cementing gravel base and 3-in. asph. conc. base with 2-in. asph. conc. wearing surface. 1911 Act and Bond Act 1915. Protests May 22. W. B. Hogan, City Eng.

PHOENIX, Ariz. — Phoenix Tempe Stone Co., Phoenix, awarded contr. by Maricopa county highway comm. at $19,188 for Warrenite-Bit. pavement on proj. No. 56, from Buckeye Rd. to South 19th Ave., east 1 mi. to 7th Ave.

Pacific Constr. Co., Phoenix, awarded contr. at $21,249 (for Warrenite-Bit-pavement) on proj. No. 57, from end of proj. No. 21 to connect with proj. No. 22, 1 mi. through Glendale, Ariz.

Borderland Constr. Co., Tucson, was awarded contr. at $24,198 (for cem. concr. pavement) on proj. No. 68, 1 mi. bet. projs. 41 and 43, in Mesa, Ariz.

WATSONVILLE, Santa Cruz Co., Cal.—City Eng. H. B. Kitchen completing report on recommendations for paving streets during the present year.

BURBANK, Cal.—Until 7:30 p. m., May 22, bids will be rec. by trustees to imp. Grismer Ave., bet. San Fernando Blvd. and 1836 ft. north, grade; pave with oiled macad.; const. curb and gutter; 1911 Act. F. S. Webster, city clerk.

SANTA ROSA, Sonoma Co., Cal.—Bids of Waren Construction Co., Bacon Bldg., Oakland, rejected by city council, to imp. Carillo St., bet. Mendocino and Ripley: Grade, excavate or fill where necessary; re-shape macadam base and pave with 3-in. Warrenite Bit. in 1-course; conc. curbs and gutters and to imp. 7th St., bet. Washington and B Sts.: grade; excavate or fill; re-shape macadam base and pave with 3-in. Warrenite-Bit. laid in 1-course; const. comb. conc. curbs and gutters. Bids were: $.189 grading; $.98 lin. ft. curbs and gutters. L. L. Mills, city eng.

OAKLAND, Cal.—City Council, E. K. Sturgis, clerk, declares inten. to imp. portions of 24th Ave. E-24th and E-26th Sts., grade; conc. curbs, gutters; oil macadam pavement; cem. walks. 1911 Act. Protests May 24. W. W. Harmon, city eng.

SANTA CRUZ, Santa Cruz Co., Cal.—City Eng. James K. James completes spec. to pave with concrete 2 strips in Younglove Ave. Spec. being completed for sewer in Highland Ave., bet. Wagner property and High St.

PASADENA, Cal.—City Directors declare inten. to imp. Peoria St., bet. Raymond and Summit Aves., grade; pave with 2-in. oil macad; const. gutter, walk; 1911 Act. Bessie Chamberlain city clerk.

SANTA ANA, Cal. — Steele Finley, Santa Ana, awarded contr. by supervisors at $199,640 for road constr. in Rd. Imp. Dist. No. 20, La Habra, involv. 558,495 sq. ft. 1½-in. Warrenite-bitul. paving on 3½-in. asph. base.; 8416 ft. conc. curb; 17,784 ft. combination conc. curb and gutter; 17,793 cu. yds. excav.; 147 cu. yds. conc. culverts and headwalls; 21,807 lbs. rein. steel; 2383 lbs. struct. steel; 541 ft. 66-in. reinf. conc. pipe; 100 ft. 36-in. reinf. conc. pipe.

SAN FRANCISCO—Bd. Pub. Wks. rejects bids rec. April 18 to improve crossing of York and 26th Sts., and new bids will be opened May 16. Involv. resetting of 75 lin. ft. granite curb; const. 15 lin. ft. granite curb; 30 lin. ft. 8-in. sewers; reset 3 br. catchbasins; 553 sq. ft. stone walks; 3344 sq. ft. asph. conc. pavement and 25 lin. ft. 10-in. culverts. Spec. obtainable from City Eng. office, 3rd floor, city hall.

GLENDALE, Cal.—Cornwell & Henderson, 127 S Glendale Ave., Glendale, submitted low bid to council to imp. Milford, Commercial and portions of other sts. involv. 670 lin. ft. grading at 70c ft.; 1223 sq. ft. gutter at 21c ft.; 2900 sq. ft. 5-in. oil macad. at 13c ft.; 1215 ft. curb at 50c ft.; 6772 sq. ft. walk at 17c ft., water pipe and services complete $382.50.

E. L. Fleming, 1007 S Boynton St., Glendale, low bidder to imp. Dixon St., and portions of other sts. involv. 1500 lin. ft. grading at 40c ft.; 51,600 sq. ft. 5-in. oiled macad. at 12c ft.; 3295 ft. curb at 50c ft.; 17,100 sq. ft. walk at 17c ft.; water pipe complete, $2650.

VISALIA, Tulare Co., Cal. — Until May 14, 5 p. m., bids will be rec. by Ida Markham, city clerk, to imp. Willis St., involv.: 2807 cu. yds. grading, cut; 76 cu. yds. grading, fill; 194,370 sq. ft. 2½-in. asph. conc. base with 1½-in. Warrenite-Bit. surface pavement; 3438 lin. ft. curb; 7452 lin. ft. gutter; 528 lin. ft. culvert, part circle, corru. iron; 132 lin. ft. 8-in. corru. culvert; 1040 sq. ft. cem. conc. alley approaches; 1079 lin. ft. 8-in. vit. tile pipe storm sewer; 2 br. storm sewer manholes; 10 catchbasins; 934 lin. ft. header boards, (left in place); 270 lin. ft. c. i. corner drain pipe. 1915 Bond Act. L. H. Gadsby, city eng.

SAN FRANCISCO—Bd. Pub. Wks. rejects bids rec. April 18th to imp. Broad St., Capitol and Orizaba Aves., for which low bid was submitted by Jas. M. Smith at $20,863.

NAPA, Napa Co., Cal.—Until May 14, 7:30 P. M., bids will be rec. by H. H. Thompson, City Clerk, to imp. portions of Bell, Evans and Willow Aves. pave with 2-course asph. macadam, 40, 32 and 24 ft. wide, respectively. 1911 Act. Cert. check 10% payable to city req. H. A. Harrold, City Eng.

GLENDALE, Cal.—Peter L. Ferry, 614 E. Acacia St., Glendale, awarded cont. by council at $21,854 to imp. Roberta Ave., Fifth St., and portions of other streets, involv. 3245 lin. ft. grading at $1.25 ft.; 6503 lin. ft. curb, at 50c ft.; 14,276 sq. ft. gutter at 21c ft.; 88,550 sq. ft. 3-in. oiled macad. at 40c ft.; 3330 ft. 4-in. pipe and 200 ft. 2-in. pipe at $3996 (lump sum).

HUNTINGTON BEACH, Cal. — The $300,000 paving bond issue to imp. 2 mi. of Ocean Blvd. in City of Huntington Beach, to connect with the state highway, were sold at trustees meeting Apr. 30. Bids for this work will be asked shortly.

LONG BEACH, Cal.—Griffith C., L. A. Ry. Bldg., Los Angeles, submits low bid to council at $105,000 to const. reinf. concr. pipe sewer system of varying dia. from 12-in. to 42-in. pipe, in dist., East of American to Atlantic Aves. and Anaheim St. south. Other bids were: S. M. Kerns, $106,700; Nikcevich & Budinich, $148,200; Leo Miletich, $163,016.

SANTA ANA, Cal.—Until 11 A. M., May 1, bids will be rec. by supervisors for road constr. in Rd. Imp. Dist. No. 20, La Habra. Cert. chk. or bond, 10% J. L. McBride, county rd. commissioner. Work will in volve 558,495 sq. ft. 1½-in. Warrenite-bitul. paving on 3½-in. asph. base; 8416 ft. concr. curb; 17,784 ft. combination concr. curb and gutter; 17,793 cu. yds. excav.; 147 cu .yds. concr. culverts and headwalls; 21,807 lbs reinf. steel; 2383 lbs. struct. steel; 541 ft. 66-in. reinf. concr. pipe; 100 ft. 36-in. reinf. concr. pipe.

PASADENA, Cal.—City directors declare inten. to const. vit. sewer pipe of 8-in. to 16-in. dia. in various streets, including Arroyo Blvd., bet. Washington and Montana Sts., and portions of Dakota, Zanja, Hammond, Blake Sts., and Forest, Cypress, Winona and Pasadena Aves., and other streets in n.w. part of city. W. C. Earle, city engr., estimates 86,000 lin. ft. or 16.3 mi. of sewer pipe, ranging in size from 8 to 16 inches, will be laid and 3222 "Y" branches and 4-in. hse. sewers 299 manholes and 70 flush tanks will be required. Est. cost $112,000. In order to safeguard the water the supply, 1218 ft. of the sewer pipe passing over water tunnels near Devil's Gate dam, will be laid in concrete.

FRESNO, Fresno Co., Cal. — D. M. Barnwell, county clerk, will advertise for bids, to be opened probably May 18, to imp. rd leading from Auberry highway to Power House No. 1 of San Joaquin Light and Power Co. Will be 2.14 mi. long, 10-ft. wide. Chris P. Jensen, Cory Bldg., Fresno, county surv.

SAN BERNARDINO, Cal.—Until 7:30 p. m., May 21, bids will be rec. by council to const. 8-in. vit. pipe sewer in Leonard Ave., bet. 130 ft. east of Mt. Vernon Ave. and 761.25 ft. east of same street; manhole, flushtank and 23 4-in. house sewers; 1911 Act.

LINDSAY, Tulare Co., Cal.—City Trustees will ask bids at once to pave 12 blocks of Gale Hill, Mirage and Santa Fe Aves. with bit. conc. E. V. Bogart, City Clerk.

OAKLAND, Cal.—City Council will ask bids about July 15 to surface 3-mi. stretch of Skyline Blvd. W. W. Harmon, City Eng.

ORANGE, Cal. — The $12,000 storm drain bond issue carried at recent election. The drain will extend on Cambridge St., from Walnut Ave. to Santiago Creek. C. C. Bonebrake, City Eng.

SAN FRANCISCO — City Eng. M. M. O'Shaughnessy completes spec. to imp. Seneca Ave., bet. Delano and San Jose Aves., est. cost $6820, involv. 80 cu. yds. cut; 775 cu. yds. fill; 820 lin. ft. conc. curb; 2 br. catchbasins; 50 lin. ft. 10-in. ironstone pipe culvert; 2410 sq. ft. art. stone walks; 13,780 sq. ft. asph. conc. pavement.

Spec. completed to imp. Joost Ave., bet. Acadia and Baden Sts.; est. cost $12,500, involv. 2775 cu. yds. cut 493 cu. yds. fill; 1294 lin. ft. conc. curb; 660 sq. ft. art. stone walks; 3 br. catchbasins; 90 lin. ft. 10-in. ironstone pipe culvert; 9600 sq. ft. conc. pavement; 17,893 sq. ft. asph. conc. pavement.

STOCKTON, San Joaquin Co., Cal.—City Council, A. L. Banks, Clerk, declares inten. to imp. portions of E-Hazelton, E-Scotts Aves., Laurel, Court and B Sts.: Grade; const. comb. conc. curbs and gutters; conc. walks; pave with 4-in. cementing gravel base with 2-in. asph. macadam surface. 1911 Act and 1915 Bond Act. Protests May 22. W. B. Hogan, City Eng.

RICHMOND, Contra Costa Co., Cal.—City Eng. H. D. Chapman preparing spec. to pave 35th and 36th Sts., bet. Wall and Cutting Blvd. with oil macad. and conc. curbs and gutters.

CALIFORNIA — Announcement is made by W. F. Mixon, secy. California State Highway Commission, that an agreement has been reached with the U. S. Bureau of Roads, regarding the disposition of federal aid funds appropriated through co-operative agreements with the national government.

Under the agreement reached, the road program will not be confined either to state highways or the forest highway system, but spread over in such a manner that both systems will receive a share.

Under this agreement, the forest highway money, aggregating several hundred thousand dollars, is allocated as follows:

1. Yuba Pass—Approve from Downieville to Sattley, 32 miles (with indiate construction of section from formal understanding that, except for the $200,000 proposed for immediate construction of section from Gold Lake road junction to Eattley, 13 miles, no allotments would be considered for construction program within the next five years).

2. Covelo-Low Gap—Approve from Vocelo ranger station to Low Gap, 17 miles.

3. Mt. Islip—Approve connection vit Mt. Islip between state routes 61 and 62.

4. Topaz Lake—Approve connection via Topaz Lake from state route 23 to Nevada state line, so as to connect with forest highway agreed upon for Nevada.

5. Woodford-Minden —Approve connection from state route 23 to Nevada state line to connect with forest highway agreed upon for Nevada.

The following construction program was recommended:

Additional expenditures north of Crescent City adjacent to the Oregon line, this year, $75,000.

Continuation of the Kern river work $150,000.

Continuation of the work in Big Bear valley, San Bernardino county, $75,000.

Murphys to Big Trees, $150,000.
(to which the county is prepared to contribute an additional $30,000)

Yuba pass, $143,000.

Surveys, $43,000.

Total, $43,000.

The total forest highway fund allotments to date for California amounts to approximately $1,614,697 net. The allotment to the above two projects off the highway system will amount to approximately $303,000, leaving a balance for expenditure on the state highway system and for surveys of approximately $1,314,697. R. M. Morton, state highway engineer.

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SACRAMENTO, Cal.—Until May 9, 9 p. m., bids will be rec. by H. G. Denton, city clerk, to imp. 11th and 12th Aves., bet. 44th and Stockton Blvd.; and portions of 46th St. and 13th Ave.: const. conc. curbs, gutters; c. i. gutter drains with 6-in. vit. manhole connectiona; const. and reconst. manholes; vit. sewer services to curb; ¾-in. water main connections; grade; pave with 4-in. and 5½-in. aspn. conc.

Bids same date, to imp. alley bet. 33rd and 34th Sts., from manhole in 10th Ave to pt 455 ft. south by const. vit. sewer and wye branches.

Bids, same date, to imp. X and Y Sts., bet. Stockton Blvd. and 45th St., and 45th St. bet. 2nd and pt. 370 ft. north, by const. vit. sewers; conc. manholes; wye branches, etc. Cert. check 10% payable to city clerk req. Albert Givan, city engineer.

SACRAMENTO, Cal.—City Council awards contracts as follows:

A. Teichert & Son, Ochsner Bldg., Sacramento: Eleventh St., bet. O and R Sts., except inter. of P and Q Sts.; const. curbs and gutters; c. i. gutter drains with 6-in. vit. manhole connections; const. conc. manholes connected with 8-in. vit. sewer; reconst. manholes and catchbasins; grade; fill places below subgrade with crushed rock and pave with 2-in. asph. conc.

A. Teichert & Son: Twelfth St., bet. O and R Sts., except inter. of P and Q Sts.; const. conc. curb and gutter; c. i. gutter drains with 6-in. vit. manhole connections; const. conc. manhole with c. i. covers; 8-in. vit. sewers; reconst. manholes and catchbasins; grade; pave with 2-in. asph. conc.

A. Teichert & Son: Fourteenth St., bet. P and Q Sts.; const. conc. curb and gutter; c. i. gutter drains with 6-in. vit. manhole connections; reconst. manhole; crushed rock fill below subgrade; 2-in. asph. conc. pavement.

Clark & Henery Const. Co., Ochsner Bldg., Sacramento: 18th St., from alley bet. B and C Sts. to R St., except intersection from E to Q Sts., incl., const. conc. curb and gutter; place c. i. gutter drains awith 6-in. vit. manhole connections; reconst. and const. new conc. manholes; place protective covering over sewer where top is less than 18-in. below sub-grade; 8-in. vit. manhole connections; remove trees; grade, 2-in. asph. conc. pavement; D St. from 18th to pt east. const. conc. curb and gutter; grade, 2-in. asph. conc. pavement.

J. W. Terrell, 1111 29th St., Sacramento: Stockton Blvd. from sewer in 11th Ave. to pt. 8 ft. n. of 14th Ave., and 14th Ave. from pt. 20 ft. w. of Stockton Blvd. to 47th St. and 47th St. from 12th Ave. to alley bet. 13th and 14th Aves.; const. 4-in. vit. sewers with wyes; conc. manholes with c. i. covers.

McGillivray Const. Co., Capitol Nat'l. Bank Bldg., Sacramento: 36th St., bet. Y and 5th Ave., except intersections of 1st, 2nd and 34rd Aves., Sacramento Blvd. and 4th Ave., const. conc. curb and gutter; c. i. gutter drains with 6-in. vit. manhole connections; re-const. manholes; conc. walks; grade.

SACRAMENTO, Cal.—City council, H. G. Denton, clerk, declares inten. to imp. La Solidad Way, bet. 4th and 5th Aves.: const. conc. curb, gutter; c. i. gutter drains with 6-in. vit. manhole connections; reset c. i. drains; const. conc. manholes and 8-in. vit. sewers with 4 and 6-in. wye branches; extend sewer services to prop. line; install 1-in. water main connections; grade; 4-in. asph. conc. pavement. 1911 Act & 1915 Bond Act. Protests May 17. Albert Givan, city eng.

BAKERSFIELD, Kern Co., Cal.—J. A. Dowling, Call Bldg., San Francisco, at $76,664 submits low bid to council to imp. portions of 20th, 21st and R Sts., involv. 220,375 sq. ft. grading; 220,375 sq. ft. 3½-in. asph. conc. base with 1½ in. Warrenite-Bit. surface pavement; 773½ ft. culvert; 7,583 ft. conc. curb; 11,829 ft conc gutters; 75 ft. 6-in. pipe drain; 2 catchbasins. Other bids: Thompson Bros., $77,137; Calif. Rd. & St. Imp. Co., $78,022; Calif. Const. Co., $79,507. Keene Paving Co., $81,624. Taken under advisement. W. D. Clarke, City Eng.

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

$1,000 and Over Reported

The following is an index for the contracts for this issue.

No.	Owner	Contractor	Amt.
1646	Linder	Owner	4500
1647	De Borro	Owner	4000
1648	Bennett	Owner	4000
1649	Sweetser	Reilly	4000
1650	Ross	Ross	6000
1651	Hansen	O'Connor	3000
1652	Liebes	Henderson	9500
1653	Schell	Owner	55000
1654	Mills	Vensano	125000
1655	Voorhies	Owner	10000
1656	Devincenzi	Deiselkamp	10000
1657	Lorenz	Sharman	3000
1658	Cooper	Delany	1000
1659	Finegan	Owner	1800
1660	Barrymore	Knowles	2500
1661	Schultz	Schultz	6000
1662	Watson	Owner	2500
1663	Hamilton	Hamilton	4000
1664	Ferguson	Disston	1500
1665	Locostra	Owner	1500
1666	Kahlmoos	Hansen	13797
1667	Petera	Pene	11335
1668	McCormick	Fuller	3425
1669	McCormick	Bender	4260
1670	Fitzhugh	Tyre	19000
1671	City	Ehlers	2943
1672	Cranz	Hoin	3949
1673	Fitzhugh	Walker	80000
1674	Pasqualetti	American	16000
1675	Gross	Olson	15000
1676	Nelson	Owner	4000
1677	Parkside	Owner	4000
1678	Peninsula	Pacific	6200
1679	Mottershead	Novello	3600
1680	Yates	Yates	4000
1681	Bartold	Owner	6000
1682	Myers	Britt	5500
1683	Parkside	Owner	4000
1684	Carmody	Owner	3000
1685	Nissum	Owner	2000
1686	Parkside	Owner	8000
1687	Liati	Fracchia	35000
1688	Ravani	Maffei	16000
1689	Berg	Owner	3000
1690	Robson	Malloch	20000
1691	Erigero	Johnson	24640
1692	Blauss	Bernhardt	4133
1693	R C. Archbishop	Cody	8450
1694	Gagnon	Jenkins	4000
1695	Johnson	Owner	8500
1696	Hind	Owner	12000
1697	Curry	Foley	5000
1698	Speckman	Jenkins	10000
1699	S F Laundry	Gillespie	3800
1700	Sweetser	Reilly	4000
1701	Pats	Meinberger	19400
1702	Midbust	Owner	20000
1703	Lesser	Owner	27500
1704	City	Grace	25000
1705	Kingwall	Prout	20000
1706	Morris	Owner	10000
1707	Cook	Owner	9500
1708	Caldwalder	Wagner	2000
1709	Bothin	Buschke	7000
1710	Bertone	Owner	4000
1711	Niehus	Backman	3850
1712	Caligari	Owner	8000
1713	Donaldson	Miller	2500
1714	Hansen	Owner	3000
1715	Martin	Owner	12000
1716	Johnson	Owner	3000
1717	Larson	Pearson	6000
1718	Hargrave	Owner	2900
1719	Smith	Owner	3000
1720	Shea	Neish	3000
1721	Westerlund	Storheim	6000
1722	Simmen	Neish	2500
1723	Waller	Owner	4000
1724	Christiansen	Christiansen	7000
1725	Bennett	Morris	6000
1726	Harms	McCullugh	3500
1727	Mohr	Owner	50000
1728	Pacific	Owner	1500
1729	Lipman	Owner	3500
1730	Rudolph	Titt	1500
1731	Rege	Owner	5000
1732	Lapham	Lapham	3000
1733	New Method	McLeran	65000
1734	Rahlmann	Monson	15000
1735	Lamphear	Myer	9200
1736	Rolph	Martinelli	16887
1737	Klute	Meyer	19000
1738	Martens	Johnson	11900
1739	Descefant	Legault	10000
1740	Goetze	Diestel	1000
1741	Wood	Thorup	5000
1742	Tiscornia	Grosman	2000
1743	Lapham	Lapham	3000
1744	Arnott	Arnott	5800
1745	Halsen	Owner	4000
1746	Almquist	Owner	7000
1747	Breitman	Arnott	5800
1748	Mindner	Schultz	5800
1749	Mills	Vensano	149152
1750	Deinert	Greene	4742
1751	Ravani	Maffei	16900
1752	Martin	Moore	26914
1753	Dunne	Jensen	20000
1754	Holthans	Owner	5000
1755	Tenenbaum	Abrahams	1000
1756	Rolkin	Anderson	1000
1757	Erickson	Owner	2500
1758	Polack	Mileham	2300
1759	Herlington	Owner	6000
1760	Meyer	Owner	15000
1761	Arkwright	Meyer	6000
1762	Lippk	Owner	1000
1763	Risinger	Owner	1679
1764	Fassio	Owner	12000
1765	Chevisich	Lindeman	12000
1766	Dunn	Buschke	10000
1767	Bleuss	Bernhardt	4000
1768	Miller	Owner	4000
1769	Christensen	Owner	3000
1770	Swain	Owner	2000
1771	Devincenzi	De Benditti	——
1772	Martens	Johnson	18125
1773	Niehus	Backman	3850

DWELLING
(1646) S MORAGA 67 W Twelfth Ave. One-story and basement frame dwelling.
Owner—J. Linder, 1738 Golden Gate Ave., San Francisco.
Architect—None. $4500

RESIDENCE
(1647) NE QUESADA 75 SE Lane. Two-story and basement frame residence.
Owner—G. De Borro, 1207 Lane St., San Francisco.
Architect—None. $4000

DWELLING
(1648) N ANZA 78-6 E Forty-sixth Ave. One-story and basement frame dwelling.
Owner—A. P. Bennett, 640 Post St., San Francisco.
Architect—None. $4000

STORES
(1649) N TWENTY-FOURTH 85 E Mission. One-story frame (2) stores.
Owner—George and Albert Sweetser, 3286 24th St., San Francisco.
Architect—None.
Contractor—Reilly & Nemetz, 511 Call Bldg., San Francisco. $4000

DWELLINGS
(1650) W FIFTEENTH AVE 150 and 175 N Kirkham. Two one-story and basement frame dwellings.
Owner—Lillian S. Ross, 1440 15th Ave., San Francisco.
Architect—Chas. E. J. Rogers, Phelan Bldg., San Francisco.
Contractor—D. W. Ross, 180 Jessie St., San Francisco. $3000 each

STOCKHOLDERS AUXILIARY CORP.

INSURANCE { FIRE
SURETY BONDS
CASUALTY

PHONE DOUGLAS 6000
550 MONTGOMERY ST.

DWELLING
(1651) NE GUARD AND DWIGHT. One-story and basement frame dwelling.
Owner—N. I. Hansen, 999 Dolores St., San Francisco.
Designer—Edward J. O'Connor, 346 Woolsey St., San Francisco.
Contractor—Edward J. O'Connor, 346 Woolsey St., S. F. $3000

ALTERATIONS
(1652) SE GRANT AVE AND POST St. Alterations for stores and office quarters.
Owner—H. Liebes & Co., Premises.
Architect—A. A. Brown, 120 Market St., San Francisco.
Contractor—W. D. Henderson, Monadnock Bldg., San Francisco. $9500

MFG. PLANT.
(1653) NE NATOMA AND NINTH. Three-story brick and steel light manufacturing plant.
Owner—Samuel Schell, 180 Jessie St., San Francisco.
Architect—None. $55,000

DAIRY
(1654) S McALLISTER bet. Octavia & Laguna. Three-story concrete and steel dairy bottling plant.
Owner—Ogden Mills, Mills Bldg., Millbrae Daily.
Architect—John Reid Jr., 1st National Bank Bldg., San Francisco.
Contractor—H. C. Vensano & Co., 58 Sutter St., San Francisco. $125,000

APARTMENTS
(1655) NE FULTON AND LOYOLA Terrace. Two-story and basement frame (8) apartments.
Owner—W. R. Voorhies, 12 Loyola Terrace, San Francisco.
Architect—None. $10,000

FRAME FLATS
(1656) S UNION 90 E Franklin. Two-story and basement frame (2) flats
Owner—Louisa Devincenzi, 1260 Union St., San Francisco.
Architect—E. Dieselkamp, 61 Carmelita St., San Francisco.
Contractor—E. Deiselkamp, 61 Carmelita St., San Francisco. $10,000

DWELLING
(1657) N PALOU 125 NW Keith. One-story and basement frame dwlg
Owner—Geo. Lorenz, 23 Pomona St., San Francisco.
Architect—Frederick G. Munk Jr., 58 Frances St., San Francisco.
Contractor — T. L. Sharman, 1440 Shafter Ave., S. F. $3000

ALTERATIONS
(1658) 741 CASTRO ST. Alterations for flat.
Owner — Mrs. Elizabeth Cooper, 743 Castro St., S. F.
Architect—None.
Contractor—Chas. S. Delaney 2415 Bush St., San Francisco. $1000

DWELLING
(1659) W FLORA 50 S Bay View, 1-story and basement frame dwelling.
Owner—James Finegan, 3344 Anza St., San Francisco.
Architect—None. $1800

PLANT
(1660) 540 EIGHTH St. 1-story frame mortar plant (bunkers, etc.)
Owner—O. C. Barrymore and J. A. White, 569 10th St., S. F.
Architect—A. Knowles, 436 Call Bldg., San Francisco.
Contractor—A. Knowles, 436 Call Bldg. San Francisco. $2500

STORES
(1661) SW GREEN & POLK STS. 1-story & basement frame (2) stores
Owner—Niels Schultz, 46 Kearny St., San Francisco.
Architect—Norman R. Coulter, 46 Kearny St., San Francisco.
Contractor—Schultz Construction Co., 46 Kearny St., S. F. $6000

DWELLING
(1662) W FORTY-FIFTH AVE N Anza. 1-story & basement frame dwelling.
Owner—G. E. Watson, 280 17th Ave., San Francisco.
Architect—None. $2500

ALTERATIONS
(1663) 975-89 CAPP STREET. Raise dwelling; concrete flooring; brick veneer front, etc.
Owner—F. Hamilton & Geo. Allman, 65 Munich St., S. F.
Architect—E. B. Hamilton, 65 Munich St., San Francisco.
Contractor—E. B. Hamilton, 65 Munich St., San Francisco. $4000

ALTERATIONS
(1664) 1575 WASHINGTON St. Alteration for janitor's quarters; finish 3 rms. in basement with wallboard, flooring, etc.
Owner—O. F. Ferguson, 942 Phelan Bldg., S. F.
Architect—None.
Contractor—A. E. Disston, 180 Jessie St., S. F. $1500

ALTERATION
(1665) NE ARMY & BRYANT STS. Change store front; construct foundations, etc.
Owner—Gaetano Locostro, 2897 Bryant St., S. F.
Architect—None. $1500

BUILDING
(1666) N LAKE 90 W 12th Ave N 72 x W 30. All work except painting plumbing, fixtures, finish hdw., shades and light fixtures for 2-sto. and basement frame building.
Owner—John H. Kahlmoos.
Architect—E. A. Neumarkel, 544 Market St., S. F.
Contractor—H. J. Hansen, 302 Kearny St., S. F.
Filed April 26, 1923. Dated Apr. 26, 1923.
Frame up ready for rfg.....$3449
Brown coated 3449
Completed and accepted 3449
Usual 35 days 3450
TOTAL COST, $13,797
Bond, $6900; Sureties, N. C. Nicklasson and Walter E. Hansen; Forfeit, none; Limit, 90 days; Plans and specifications filed.

BUILDING
(1667) N GREEN No 2036 & 2038 Green Alterations to a 2-story and basement frame bldg.
Owner—F. H. Peters.
Architect — Fabre & Hildebrand, 110 Sutter St., S. F.
Contractor—Pene & Hodges, 1655 Market St., S. F.
Filed April 26, 1923. Dated Apr. 21, 1923.
Rough carpenter, plumbing and heating done $2833
White coated 2833
Completed and accepted 2834
Usual 35 days 2835
TOTAL COST $11,335
Bond, $5670; Sureties, J. P. Pene, N. Cayenave; Forfeit, $10; Limit, 70 days; Plans and specifications filed.

GLAZING
(1668) N MISSION & FREMONT NE 137-6 x SE 137-6. Glazing for 3-sto. and basement reinforced concrete store and loft bldg.
Owner—Josephine G. McCormick, Isabelle and Beatrice Cebrian and Maria C. de F de Caleya, 2031 Baker St., S. F.
Architect — G. A. Applegarth, Claus Spreckels Bldg., S. F.
Contractor—W. P. Fuller & Co., SW Beale and Mission Sts., S. F.
Filed April 26, 1923. Dated Mar. 28, 1923.
10th each month 75%
Usual 35 days 25%
TOTAL COST, $3425
Bond, $1713; Sureties, Union Indemnity Co.; Forfeit, none; Limit, June 30, 1923; Plans and specifications filed.

WATERPROOFING
(1669) MEMBRANE WATERPROOFING work on above.
Contractor—J. W. Bender Roofing & Paving Co., Monadnock Bldg., S. F.
Filed April 26, 1923. Dated Mar. 1, 1923.
Payments same as above.
TOTAL COST, $4260
Bond, $7130; Sureties, Hartford Accident & Indemnity Co.; Forfeit, none; Limit, June 30, 1923; Plans and specifications filed.

GLAZING
(1670) NE POWELL AND POST N 137-6xE 162-9. Glazing for ten-story Class A office building
Owner—Wm. M. and Mary E. Fitzhugh.
Architect—Reid Bros., 105 Montgomery St., San Francisco.
Contractor—Tyre Bros. Glass Co., 668 Townsend St., San Francisco.
Filed Apr. 26, '23. Dated Apr. 24, '23.
Monthly payments of..... 25%
Usual 35 days..... 25%
TOTAL COST, $19,000
Bond, $9500. Surety, Fidelity & Deposit Co. of Maryland. Limit, Aug. 10, 1923. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(1671) SW GOLDEN GATE AVE AND Taylor W 152-6 S 53-9½ SE 46-5¾ m or I NE 154-5½ N 1-3. All work for alterations and additions to building.
Owner—City Investment Co., 1st Nat'l. Bank Bldg., San Francisco.
Architect—None.
Contractor—Ehlers & Smith, 557 Mission St., San Francisco.
Filed Apr. 26, '23. Dated Apr. 18, '23.
Every Saturday 75%
Usual 35 days..... 25%
TOTAL COST, $2943
Bond, none. Limnt, 26 days. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(1672) NO. 222 TWENTY-FIFTH AVE All work for alterations and additions to building.
Owner—Gussie L. Cranz, 110 Sutter St., San Francisco.
Architect—Albert W. Burgren, 110 Sutter St., San Francisco.
Contractor—Theo. S. Hoin, 6242 California St., San Francisco.
Filed Apr. 26, '23. Dated Apr. 25, '23.
Building raised & rough framing done $900
Brown coated 900
Completed and accepted..... 959
Usual 35 days..... 990
TOTAL COST, $3949
Bond, $2000. Surety, H. L. Reimer. Limit, 45 days. Forfeit, $5. Plans and specifications filed.

STORES
(1673) N POST 137-6 W Stockton. Three-story and basement reinforced concrete stores.
Owner—Wm. M. and Mary E. Fitzhugh, Mills Bldg., San Francisco.
Architect—Reid Bros., California-Pacific Bldg., San Francisco.
Contractor—P. J. Walker Co., Sharon Bldg., S. F. $80,000

GARAGE
(1674) N LOMBARD 137-6 W Pierce. Two-story reinforced concrete public garage.
Owner—Jos. Pasqualetti, 785 Market St., San Francisco.
Architect—None.
Contractor—American Concrete Co., 785 Market St., San Francisco. $16,000

FRAME FLATS
(1675) W ASHBURY AVE 152 S Frederick. Two-story and basement frame (2) flats.
Owner—Marks Gross, 792 Ashbury St., San Francisco.
Architect—None.
Contractor—Olson & Persson, 289 Fell St., San Francisco. $15,000

DWELLING
(1676) E FORESTSIDE 150 S Ulloa. One-story and basement frame dwelling.
Owner—Fernando Nelson & Sons, Inc., 2 West Portal Ave., S. F.
Architect—None. $4000

DWELLING
(1677) W THIRTY-FIFTH AVE 250 N Ulloa. One-story and basement frame dwelling.
Owner—Parkside Rlty. Co., 617 Crocker Bldg., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St San Francisco. $4000

FACTORY, ETC.
(1678) S HARRISON 110 E Fifth St. One-story reinforced concrete mezzanine floor factory and warehouse
Owner—Peninsula Burner & Oil Co., 2156 3rd St., San Francisco.
Architect—None.
Contractor—Pacific Concrete & Mosaic Co., 32 Shotwell St., San Francisco. $6200

DWELLING
(1679) W VERMONT 150 S Mariposa. One-story and basement frame dwelling.

Owner—Mary Mottershead, 532 Vermont St., San Francisco.
Architect—None.
Contractor—Joseph Novello, 172 Bertita St., San Francisco. $3600

DWELLING
(1680) W SIXTEENTH AVE 125 S Judah. One-story and basement frame dwelling.
Owner—Yates & Cooke, 124A Parnassus Ave., San Francisco.
Architect—None.
Contractor—W. H. Yates, 124-A Parnassus Ave., S. F. $4000

FRAME FLATS
(1681) S NATOMA 199-5 W Seventh. Two-story and basement frame (4) flats.
Owner—Chester Bartold, 919 36th Ave., Oakland.
Architect—None. $6000

STORE
(1682) S BRYANT 191 W Second. One story and mezzanine floor store.
Owner—L. A. Myers, 68 Post St., San Francisco.
Architect—Samuel Lightner Hyman, 68 Post St., San Francisco.
Contractor—O. W. Britt, 1257 Arguello Blvd., San Francisco. $5500

DWELLING
(1683) W THIRTY-FIFTH AVE 225 N Ulloa. One-story and basement frame dwelling.
Owner—Parkside Rlty. Co., 617 Crocker Bldg., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. $4000

DWELLING
(1684) NE LOWELL 55-6 NW Hanover. One-story and basement frame dwelling.
Owner—Frank Carmody, 4539 Mission St., San Francisco.
Architect—None. $3000

ALTERATIONS
(1685) NW PACIFIC AVE AND POLK. Install new store front; erect wall board partitions; painting and plastering, etc.
Owner—James Nissum, 641 Post St., San Francisco.
Architect—Edward E. Young, 2002 California St., S. F. $2000

DWELLINGS
(1686) W THIRTY-FIFTH AVE 225 and 250 S Taraval. Two one-story and basement frame dwellings.
Owner—Parkside Rlty. Co., 617 Crocker Bldg., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. $4000 each

APARTMENTS
(1687) W LARKIN 91-3 S Greenwich Three-story and basement frame (8) apartments.
Owner—Louis Liati, 18 Columbus Ave., San Francisco.
Architect — Louis Mastropasqua, 580 Washington St., S. F.
Contractor — Fracchia & Rosina, 36 Cunningham Place, S. F. $35,000

FRAME FLATS
(1688) SE CHESTNUT AND GOUGH. Two-story and basement frame (4) flats.
Owner—Geo. Ravani, 1642 Chestnut St., San Francisco.
Architect—P. F. De Martini, 946 Broadway, San Francisco.
Contractor—V. Maffei, 1230 Chestnut St., San Francisco. $16,000

DWELLINGS
(1689) N JUDAH 72-6 and 107-6 W Twenty-fourth Ave. Two one-story and basement frame dwellings.
Owner—Wm. D. Berg, 1914 Judah St., San Francisco.
Plans by Owner. $1500 each

FACTORY
(1690) SW SEVENTH AND FOLSOM 90 on Seventh by 160. All work for one-story frame factory building.
Owner—Kernan Robson, Nevada Bank Bldg., San Francisco.
Architect—F. L. Walker, % Owner
Contractor—J. S. Malloch, 180 Jessie St., San Francisco.
Filed Apr. 27, '23. Dated Apr. 16, '23.

When posts are up.....$5000
Roof on 5000
Completed and accepted..... 5000
Usual 35 days..... 5000
TOTAL COST, $20,000
Bond, limit, forfeit, none. Plans and specifications filed.

APARTMENTS
(1691) NE LAFAYETTE & HOWARD 23-6 x 80. All work for 3-story frame apartment bldg.
Owner—Eugenio Erigero, 1688 Howard St., San Francisco.
Architect—John J. Foley, 770 5th Ave., San Francisco.
Contractor—Fred S. Johnson, Northern Hotel, San Francisco.
Filed April 27, 1923. Dated Apr. 20, 1923.
Roof on $6160
Brown coated 6160
Completed and accepted 6160
Usual 35 days 6160
TOTAL COST, $24,640
Bond, $12,320; Sureties, National Surety Co. of N. Y.; Forfeit, none; Limit, 125 days; Plans and Specifications filed.

BUILDING
(1692) SE BUENA VISTA LOT 667 Gift Map 3 Lot 25 x 70. All work for building.
Owner—Mr. F. Bleuss, 225 Cortland Ave San Francisco.
Architect—None.
Contractor—A. Bernhardt, 444 20th St., San Francisco.
Filed April 27, 1923. Dated Apr. 18, 1923.
Frame up $1032.50
Plastered 1032.50
Completed and accepted 1032.50
Usual 35 days 1032.50
TOTAL COST, $4130
Bond, Sureties, Forfeit, none; Limit, 160 days; Plans and specifications none

FURRING, ETC.
(1493) N MISSION bet. 3rd and 4th Sts. Furring and lathing for St. Patrick Church.
Owner—The Roman Catholic Archbishop of S. F., 1100 Franklin St., San Francisco.
Architect—None.
Contractor—Wm. F. Cody, Call Bldg., San Francisco.
Filed Apr. 27, '23. Dated Apr. 24, '23.
As work progresses .. 75%
Usual 35 days..... 25%
TOTAL COST, $8450
Bond, $4225. Surety, American Indemnity Co. Limit, 90 days. Forfeit, none. Plans and specifications filed.

DWELLING
(1694) W ELEVENTH AVE 250 N Noriega. One-story and basement frame dwelling.
Owner—A. S. Gagnon, 3360 Market St., San Francisco.
Architect—None.
Contractor—Jenkins & Gross, 3360 Market St., San Francisco. $4000

FRAME FLATS
(1695) E SIXTEENTH AVE 200 N Balboa. Two-story and basement frame (2) flats.
Owner—Johnson & Anderson, 4 Steiner St., San Francisco.
Architect—Chas. E. J. Rogers, Phelan Bldg., San Francisco. $8500

FRAME FLATS
(1696) S CHESTNUT 30 E Octavia. Two-story and basement frame (4) flats.
Owner—A. E. Hind, % Architect.
Architect—W. G. Hind, 711 Hearst Bld. San Francisco. $12,000

STORES
(1697) W POLK 32-6 N Vallejo. One-story frame (2) stores.
Owner—Frank S. Curry, 24 California St., San Francisco.
Architect—P. Foley, 50 Bonita St., San Francisco.
Contractor—P. Foley, 50 Bonita St., San Francisco. $5000

FRAME FLATS
(1698) W HARTFORD 120 N Twentieth Two-story and basement frame (2) flats.
Owner—J. A. Speckman, 234 Hartford St., San Francisco.
Architect—None.
Contractor—Jenkins & Gross, 3360 Market St., San Francisco. $10,000

ADDITION
(1699) S EDDY 200 W Fillmore. Addition for laundry.
Owner—San Francisco Laundry, 1408 Turk St., San Francisco.
Architect—None.
Contractor—G. G. Gillespie, 2214 Divisadero St., San Francisco. $3800

FRAME STORES
(1700) N TWENTY-FOURTH 85 E Mission N 100xE 25. All work for one-story frame building (2) stores
Owner—George and Albert, Sweetser, 3286 24th St., San Francisco.
Architect—None.
Contractor—Reilly & Nemetz, 511 Call Bldg., San Francisco.
Filed Apr. 28, '23. Dated May 1, 1923.
Foundation and 1st floor joists in place $1000
Roof on and plastering done.... 1000
Accepted 1000
Usual 35 days..... 1000
TOTAL COST, $4000
Bond, $——. Sureties, John Flaherty and J. W. Smith. Limit, 60 days. Forfeit, $10. Plans and specifications filed.

FLATS, ETC.
(1701) N TWENTY-FOURTH 135 E Mission E 25xN 100 All work for three-story frame building (store and flats).
Owner—Jean and Anna Pats, 2819 Mission St., San Francisco.
Architect—John J. Foley, 770 5th Ave., San Francisco.
Contractor—H. S. Meinberger, 5720 California St., San Francisco.
Filed Apr. 28, '23. Dated Apr. 25, '23.
Frame up $4850
Brown coated 4850
Completed and accepted..... 4850
Usual 35 days..... 4850
TOTAL COST, $19,400
Bond, $9700. Sureties, Val Meinberger and Harry Hemminga. Limit, 100 days. Forfeit, none. Plans and specifications filed.

APARTMENTS
(1702) NW FELL AND PIERCE STS. Three-story and basement frame (12) apartments.
Owner—P. Midbust, 177 Caselli Ave., San Francisco.
Architect—H. C. Baumann and Edw. Jose, 251 Kearny St., San Francisco. $20,000

ALTERATIONS
(1703) 981-89 MARKET ST. Construct terra cotta tile partitions; rearrange entrance; new store fronts; basement alterations, etc.
Owner—Lesser Realty Investment Co., % Architect.
Architect—Bernard J. Joseph, Rm 522 74 New Montgomery St., San Francisco. $27,500

ALTERATIONS
(1704) SW MARKET AND THIRD. Repair stone work on exterior; paint exterior; erect temporary awning over entire width of Third and Market Sts.
Owner—City Invst. Co., Merchants National Bank Bldg., San Francisco.
Architect—None.
Contractor — Grace & Bernieri, Claus Spreckels Bldg., S. F. $25,000

APARTMENTS
(1705) S JACKSON 82-6 E Broderick. Three-story and basement frame (6) apartments.
Owner—John J. Kingwell, Butler Bldg., San Francisco.
Architect—H. C. Baumann and Edw. Jose, 251 Kearny St., S. F.
Contractor—J. Prout, 516 Magellan Av., San Francisco. $20,000

DWELLINGS
(1706) W ELEVENTH AVE 50 and 300 N Cabrillo. Two one-story and basement frame dwellings.
Owner—A. T. Morris, 602 9th Ave., San Francisco.
Architect—None. $5000 each

RESIDENCE
(1707) E SANTA ANA 250 N St. Francis Blvd. One-story and basement frame residence.
Owner—H. G. Cook, Hobart Bldg., San Francisco.
Architect—Walter C. Falch, Hearst Bldg., San Francisco. $9500

DRY KILN
(1708) SE BRANNAN AND FIFTH. One-story brick dry kiln.
Owner—Caldwalder-Gibson Co., 5th & Brannan Sts., San Francisco.
Architect—None.
Contractor—Geo. Wagner, 251 Kearny St., San Francisco. $2000

SHOP
(1709) NE CLEVELAND & SEVENTH. Two-story reinforced concrete cabinet shop.
Owner—Bothin Real Estate Co., Atlas Bldg., San Francisco.
Architect—Arthur S. Bugbee, 26 Montgomery St., San Francisco.
Contractor — Buschke & Brown, 185 Stevenson St., S F. $7000

DWELLINGS
(1710) S SAN JOSE AVE 30 and 56 E Naglee Ave. Two one-story and basement frame dwellings.
Owner—S. Bertone, 3008 Larkin St., San Francisco.
Architect—C. Gilligan, 1611 9th Ave., San Francisco. $2000 each

DWELLING
(1711) N MONTEREY BLVD. 150 E Arcadia. One-story and basement frame dwelling.
Owner—Otto Niehus, 10 Monterey Blvd., San Francisco.
Architect—None.
Contractor—Backman Bros., 537 Chenery St., San Francisco. $3850

FLATS
1712) E CULEBRA TERRACE 25 S Chestnut. Two-story and basement frame (2) flats.
Owner—C. Caligari, 815 Filbert St., San Francisco.
Architect—J. A. Porporato, 619 Washington St., San Francisco. $8000

DWELLING
(1713) W FAXON AVE 225 N Holloway. One-story and basement frame dwelling.
Owner — Wesley Donaldson and Robt. Miller, 5637 California St., S. F.
Architect—None.
Contractor—Robt. Miller, 5637 California St., San Francisco. $2500

DWELLING
1714) E SAN JOSE AVE 50 S San Juan Ave. One-story and basement frame dwelling.
Owner—Walter E. Hansen, 1919 San Jose Ave., San Francisco.
Architect—None. $3000

FRAME FLATS
(1715) N BALBOA 130 E Fifteenth Ave. Two-story and basement frame (4) flats.
Owner—Andrew Martin 1020 San Antonio St., Alameda.
Architect—None. $12,000

DWELLING
(1716) N FULTON 85 W Thirty-third Ave. One-story and basement frame dwelling.
Owner—S. F. Johnson, 632 Funston Ave., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. $3000

FRAME FLATS
(1717) W WILLARD 94-4 E Carl. Two-story and basement frame (2) flats.
Owner—Eric Larson, 665-A Larkin St., San Francisco.
Architect—None.
Contractor—Aug. Pearson, 256 Boutwell St., San Francisco. $6000

DWELLING
(1718) W NAPLES 147.57 S Rolph. One-story and basement frame dwelling.
Owner—E. J. Hargrave, 360 London St., San Francisco.
Plans by Owner. $2900

DWELLING
(1719) E VIENNA 150 S Russia. One-story and basement frame dwlg.
Owner—Ernest J. Smith, 2957 23rd St., San Francisco.
Plans by Owner. $3000

DWELLING
(1720) W GIRARD 175 S Wayland Ave. One-story and basement frame dwelling.
Owner—P. J. Shea, 532 Girard St., San Francisco.
Architect—None.
Contractor—Jas. G. Neish, 627 Sunnydale Ave., San Francisco. $3000

FRAME FLATS
(1721) W TWENTY-THIRD AVE 275 N California. Two-story and basement frame (2) flats.
Owner—E. B. Westerlund.
Architect—None.
Contractor—M. P. Storheim, 201 Caselli Ave., San Francisco. $6000

STORE AND FLAT
(1722) E SAN BRUNO 225 N Thornton. Two-story and basement frame store and flat.
Owner—Fred and Emily Simmen, 2469 San Bruno Ave., San Francisco.
Architect—None.
Contractor—Jas. G. Neish, 627 Sunnydale Ave., San Francisco. $2500

DWELLING
(1723) E FAXON AVE 100 S De Montford. One-story and basement frame dwelling.
Owner—George Waller, 636 Jessie St., San Francisco.
Architect — J. C. Hladik, Monadnock Bldg., San Francisco. $4000

FRAME FLATS
(1724) N FULTON 57-6 E Nineteenth Ave. Two-story and basement frame (2) flats.
Owner—H. C. Christiansen, 518 25th Ave., San Francisco.
Architect—Christiansen Bros., 2220 Cabrillo St., San Francisco.
Contractor — Christiansen Bros., 2220 Cabrillo St., S. F. $7000

DWELLING
(1725) N URBANO DRIVE 100 S Pico Ave. One-story and basement frame dwelling.
Owner—Leander Bennett, 53 Palm Ave., San Francisco.
Architect—None.
Contractor—A. T. Morris, 602 9th Ave., San Francisco. $6000

ALTERATIONS
(1726) NO. 41-43 HENRY. Remodel front for flats; refinish interior; plumbing, etc.
Owner—H. W. Harms, 33 Henry St., San Francisco.
Architect—W. R. McCullugh, 4011 18th St., San Francisco.
Contractor — W. R. McCullugh, 4011 18th St., San Francisco. $3500

ADDITION
(1727) S MISSION 133-3 NE Fifth. Two-story Class B addition for lofts.
Owner—Selby and Henry R. Mohr, 425 Kearny St., San Francisco.
Architect—W. H. Crim Jr., 425 Kearny St., San Francisco. $50,000

ALTERATIONS
(1728) NO. 333 GRANT AVE. Remove temporary partitions in basement and construct brick wall for phone exchange quarters.
Owner—The Pacific Tel. & Tel. Co., 1673 Mission St., San Francisco.
Plans by Owner. $1500

REMODEL
(1729) W PIERCE 75 S Lombard. Remodel 3-story residence for apartments; construct retaining walls.
Owner—O. Lipman, 901 Chronicle Bldg., San Francisco.
Architect—N. W. Sexton, 1607 Chronicle Bldg., San Francisco. $3500

ALTERATION
(1730) N GOLDEN GATE AVE. 140 W Leavenworth. Remove and replace interior partition; extend elevator shaft for display rooms and warehouse.
Owner—The Rudolph Wurlitzer Co. of California, 250 Stockton St., S. F.
Architect—Vernon W. Houghton, 275 Post St., S. F.
Contractor—Fred Titt, 318 Linden St., San Francisco. $1500

ADDITION
(1731) SW FILBERT & LARKIN STS. One-story conc addition for apts.
Owner—G. A. Rege, 1609 Powell St., San Francisco.
Architect—None. $5000

DWELLING.
(1732) W. 35TH AVE., 250 S. Anza. One-story and basement frame dwelling.
Owner—A. R. Lapham, 6311 Geary St., San Francisco.
Architect—None.
Contractor—Lapham Building Co., 6311 Geary St. $3000

ALTERATIONS AND ADDITIONS.
(1733) SE. SANCHEZ and 17TH STS. Alterations and additions for laundry.
Owner—New Method Laundry Co., 17th and Sanchez Sts., San Francisco.
Engineer—T. Ronneberg, Crocker Bldg., San Francisco.
Contractor—R. McLeran Co., Hearst Bldg. $65,000

APARTMENTS.
(1734) E. LARKIN, 62-6 N. Ellis. 4-story and basement reinforced concrete (7) apartments.
Owner—H. E. Rahlmann, 251 Kearny St., Oakland.
Architect—None.
Contractor—Monson Bros., 251 Kearny St., San Francisco. $15,000

RESIDENCE
(1735) E FRANKLIN 137-6 S Bay S 25 x E 124. All work for 2-story and basement frame residence.
Owner—George Lamphear.
Architect—H. C. Baumann & Edw. Jose 251 Kearny St., S. F.
Contractor—Meyer Bros., 5324 Geary St., San Francisco.
Filed April 30, 1923. Dated Apr. 21, 1923.
Wall proof sheathing on.....$2300
Brown coated 2300
Completed and accepted..... 2300
Usual 35 days 2300
TOTAL COST, $9200
Bond, $4600; Sureties, Theodore G. Meyer, Anna Meyer; Forfeit, none; Limit, 75 days; Plans and specifications filed.

RESIDENCE
(1736) E LYON 50-0¾ N Union N 50 -.03¾ E 96-6¼ S 50 W 98-4¼. All work except furnishing finish hdw. for 2-story and basement frame residence.
Owner—Ronald T. Rolph, 425 Kearny St., San Francisco.
Architect—W. H. Crim Jr. & Hamilton Murdock, 425 Kearny St., S. F.
Contractor—J. Martinelli, 180 Jessie St. San Francisco.
Filed April 30, 1923. Dated Apr. 26, 1923.
Frame up $4222
Brown coated 4222
Completed and accepted 4221
Usual 35 days 4222
TOTAL COST, $16,887
Bond, $8444; Sureties, Pilade Carmignani, S. A. Firpo; Forfeit, $10; Limit, 100 days; Plans and specifications filed.

COTTAGES
(1737) E THIRTY-NINTH AVE 35 N Balboa N 105 x E 120. All work for 4 6-room cottages.
Owner—Wm. Klute, 2221 Clement St., San Francisco.
Architect—None.
Contractor—Meyer Bros, 5324 Geary St., San Francisco.
Filed April 30, 1923. Dated Apr. 26, 1923
Frame up $4750
Brown coated 4750
Bldgs. completed 4750
Usual 35 days 4760
TOTAL COST, $19,000
Bonds, Sureties, Forfeit, none; Limit, 90 days; Plans and specifications, none.

RESIDENCE
(1738) W BUENA VISTA AVE 40 N Frederick. Two-story and basement frame residence.
Owner—H. & L. Martens, 1573 Haight St., San Francisco.
Architect—John H. Powers & John H. Ahnden, 460 Montgomery St., S. F.
Contractor—Joel Johnson & Son, 180 Jessie St., San Francisco. $11,900

APARTMENTS
(1739) E FUNSTON AVE 75 S Balboa. Two-story and basement frame (4) apartments.
Owner—Geo. A. Descefant, 150 Post St., San Francisco.
Architect—None.
Contractor—F. & A. Legault, 3535 Sacramento St., S. F. $10,000

ALTERATIONS
(1740) SW WEBSTER AND POST. New store front; interior decorating, etc.
Owner—W. Goetze, 248 Russ Bldg., San Francisco.
Architect—None.
Contractor—John Diestel, 248 Russ Bldg., San Francisco. $1000

DWELLING
(1741) N BALBOA 90 E Twenty-sixth Ave. One-story and basement frame dwelling.
Owner—S. A. Wood, 53 Presidio Ave., San Francisco.
Designer — J. H. Thorup, 2436 Balboa St., San Francisco.
Contractor—J. H. Thorup, 2436 Balboa St., San Francisco. $5000

DWELLING
(1742) W MISSION 275 N Mohawk St. One-story and basement frame dwelling.
Owner—A. Tiscornia, Box 77-A, Colma, Calif.
Architect—None.
Contractor—W. E. Grosman, 51 Curtis St., San Francisco. $2000

DWELLING
(1743) W THIRTY-FIFTH AVE 250 S Anza. One-story and basement frame dwelling.
Owner—A. R. Lapham, 6311 Geary St., San Francisco.
Architect—None.
Contractor — Lapham Bldg. Co., 6311 Geary St., San Francisco. $3000

DWELLINGS
(1744) W FOURTEENTH AVE. 75 & 125 N Irving. 2-story and basement frame dwellings.
Owner—James A. Arnott, 235 Granville Way, San Francisco.
Architect—None.
Contractor—James A. Arnott & Son, 235 Granville Way, S. F. $2900 ea

DWELLINGS
(1745) W TWENTY-THIRD AVE. 175 and 200 N Ulloa. 2 1-story & basement frame dwellings.
Owner—Halsen and Scoblom, 37 Fair Ave., San Francisco.
Architect—None. $2000 each

FRAME FLATS
(1746) E FIFTEENTH AVE 250 S Lincoln Way. Two-story and basement frame (2) flats.
Owner—Almquist Co., 1083 York St., San Francisco.
Architect—None. $7000

DWELLINGS
(1747) W FOURTEENTH AVE 250 & 275 N Irving. Two one-story and basement frame dwellings.
Owner— Max Breitman, 2735 Clay St., San Francisco.
Architect—None.
Contractor—James Arnott & Son, 235 Granville Way, San Francisco. $2900 each

INDUSTRIAL PLANT
(1748) SW FIFTH 240 7½ SE Harrison. All work except light fixtures for one-story frame industrial plant.
Owner—Max W. Mindner, 985 Folsom St., San Francisco.
Architect—Martin J. Rist, 955 Clayton St., San Francisco.
Contractor—Chas. F. Schuetz Co.
Filed May 1, '23. Dated Apr. 30, '23.
Frame up $1450
Roof sheathing on..... 1450
Completed 1450
Usual 35 days..... 1450
TOTAL COST, $5800
Bond, none. Limit, 40 days after recording contract. Forfeit, none. Plans and specifications filed.

DAIRY BLDG.
(1749 S McALLISTER 137-6 W Octavia. All work for dairy building
Owner—Ogden Mills, Mills Bldg., San Francisco.
Architect—John Reid Jr., 1st National Bank Bldg., San Francisco.
Contractor—H. C. Vensano & Co., 58 Sutter St., San Francisco.
Filed May 1, '23. Dated Apr. 30, '23.
On or before the 10th of each month as work progresses.. 75%
Usual 35 days..... 25%
TOTAL COST, $149,152
Bond, $75,000. Surety, Fidelity & Casualty Co. of New York. Limit, 135 days. Forfeit, $25. Bonus, $25. Plans and specifications filed.

FRAME BUILDING
(1750) SE GOUGH & CHESTNUT STS. 25xE 87-6. All work except shades and light fixtures for two-story and basement frame building.
Owner—Margaret and George Ravanl, 1642 Chestnut St., San Francisco.
Architect—Paul F. De Martini, 946 Broadway, San Francisco.
Contractor — Vincenzo Maffei, 1230 Chestnut St., San Francisco.
Filed May 1, '23. Dated April 27, '23.
Frame up $4225
Brown coated 4225
Completed and accepted..... 4225
Usual 35 days..... 4225
TOTAL COST, $16,900
Bond, $8500. Sureties, Jos. Chiotti and A. Ramazzotti. Limit, 90 days from May 1. Forfeit, none. Plans and specifications filed.

BUILDING
(1751) E UTAH 102-2 N Nineteenth. All work for one-story, garage and basement building.
Owner—Margaret L Deinert, % Archt.
Architect—Arthur G. Scholz, Phelan Bldg., San Francisco.
Contractor—M. E. Greene, 180 Jessie St., San Francisco.
Filed May 1, '23. Dated May 1, '23
Frame up, ready for roofing.$1185 00
Brown coat plaster on..... 118.00
Completed and accepted..... 1185.00
Usual 35 days..... 1187.50
TOTAL COST, $4742.50
Bond, $2375. Sureties, Omitted. Limit, 60 days. Forfeit, $5. Plans and specifications filed.

RESIDENCE
(1752) LOT 22 BLK 6 ST. FRANCIS Wood. All work for frame residence
Owner—James T. Martin, 3380 Sacramento St., San Francisco.
Architect — Henry H. Gutterson, 278 Post St., San Francisco.
Contractor—Moore & Madsen, 77 O'Farrell St., San Francisco.
Filed May 1, 1923. Filed April 26, 1923. 5th day of each month.....75%
Usual 35 days 25%
TOTAL COST, $26,914
Bonds, Sureties, Forfeit, none; Limit, 120 days; Plans and specifications filed.

ADDITION
(1753) E FOLSOM 200 S First. Two-story concrete addition for printing plant.
Owner—Catherine Dunne Co., San Jose.
Architect—None.
Contractor—G. P. W. Jensen, 320 Market St., San Francisco. $20,000

DWELLING
(1754) E BRYANT 25 E Twenty-fifth. Two-story and basement frame dwelling.
Owner—Frank Holthaus, 2705 Bryant St., San Francisco.
Architect—None. $5000

ALTERATIONS
(1755) NO. 1360-62 DIVISADERO. Change store front.
Owner—J. Tenenbaum, 1362 Divisadero St., San Francisco.
Architect—None.
Contractor—H. Abrahams, 50 Silliman St., San Francisco. $1000

ALTERATIONS
(1756) W SIXTH 276 N Folsom. Alter for apartments in connection with store.
Owner—Edward Rolkin, Hotel Argonaut, 4th St. near Market, S. F.
Architect—None.
Contractor—C. A. Anderson, Daly City, Calif. $1000

DWELLING
(1757) S MIGUEL 25 W Chenery St. One-story and basement frame dwelling.
Owner—Henry Erickson, 1825 Chenery St., San Francisco.
Plans by Owner. $2500

DWELLING
(1758) E WINFIELD AVE 525 SW Coso. One-story and basement frame dwelling.
Owner—H. Polack, 1916 Pine St., San Francisco.
Architect—George L. Mileham, 1 Hoffman Ave., San Francisco.
Contractor—George L. Mileham, 1 Hoffman Ave., S. F. $2300

DWELLINGS
(1759) W TWENTIETH AVE 250, 325 and 350 S Moraga. Three one-story frame dwellings.
Owner—Bud Herrington, 495 Rolph St., San Francisco.
Architect—None. $2000 each

DWELLINGS
(1760) E FORTY-FIFTH AVE 50, 75 and 100 S Balboa.
W FORTY-FOURTH AVE 50 and 75 S Balboa. Five one-story and basement frame dwellings.
Owner—Meyer Bros., 5326 Geary St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco. $3000 each

DWELLINGS
(1761) W THIRTY-FIFTH AVE 200 and 225 N Balboa. Two one-story and basement frame dwellings.
Owner—I. B Arkwright, 5326 Geary St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Meyer Bros., 5326 Geary St., San Francisco. $3000 each

DWELLING
(1762) NO. 539 GIRARD. One-story frame dwelling.
Owner—C. F. Lippk, 539 Girard St., San Francisco.
Architect—None. $1000

DWELLING
(1763) N WILDE AVE 810 E Rutland. One-story and basement frame dwelling.
Owner—H. L. Risinger, 300 Wilde Ave., San Francisco.
Architect—None. $1679

APARTMENTS.
(1764) E. JORDAN AVE., 195' N. 16th Ave. 3-story and basement frame (8) apartments.
Owner—Vincent Fassio, Call Bldg., San Francisco.
Architect — Baumann & Jose, 251 Kearny St. $12,000

RESIDENCE.
(1765) NE. ANZA AND 12TH AVE. 2-story and basement frame residence.
Owner—E. V. Chevisich, 1420 Balboa St., San Francisco.
Designer and Contractor—W. R. Lindeman, 530 Balboa st. $12,000

LOFTS.
(1766) W. DRUMM, 45' 10" S. Sacramento. Two-story and basement class B concrete lofts.
Owner—Chas. Dunn Clinch Co., Alaska Commercial Bldg., San Francisco.
Architect—H. C. Baumann and Edw. Jose, 251 Kearny St., San Francisco.
Contractor—Buschke and Brown, 185 Stevenson st. $10,000

DWELLING.
(1767) E. BON VIEW AVE., 75' N. Eureka. One-story and basement frame dwelling.
Owner—Frank Bleuss, 235 Cortland ave., San Francisco.
Architect—None.
Contractor—A. Bernhardt, 4440 20th St., San Francisco. $4000

STORES.
(1768) S. CLEMENT, 95' E. 20th Ave. One-story frame (2) stores.
Owner—Wm. A. Miller, 671 27th Ave., San Francisco.
Architect—None.
Day Work. $4000

DWELLING.
(1769) S. GENEVA, 25' E. Lisbon. One-story and basement frame dwelling.
Owner—Max Christensen, 1720 Fillmore St., San Francisco.
Architect—None.
Day Work. $3000

DWELLING.
(1770) E. BANKS, 125' S. Ogden. One-story and basement frame dwelling.
Owner—Thos. G. Swain, 10 Deming St., San Francisco.
Architect—Plans by owner.
Day Work. $2000

DWELLING.
(1771) W. DELANO, 154 S. Ocean Ave. One-story and basement frame dwelling.
Owner—D. Devincenzi, 362 Delano Ave., San Francisco.
Architect—None.
Contractor—A. DeBenedetti, 22 Cotter St., San Francisco. $5000

BUILDING
(1772) W BUENA VISTA AVE. 44.05⅝ NE Frederick NE 74-11⅞ NW 90° 32' 36" from preceding course 131-2¼ SE 64° 40' 24" from preceding course 90-11¾. All work for 2-story and basement frame building.
Owner—H. & L. Martens, 1573 Haight St., San Francisco.
Architect—John H. Powers & John H. Ahnden, 460 Montgomery St., S. F.
Contractor — Joel Johnson & Son, 180 Jessie St., San Francisco.
Filed May 2, 1923. Dated May 1, 1923.
Windows set and roof sheathed.$4531
Plumbing roughed in and brown coated 4531
Completed and accepted 4531
36 Days After 4532
TOTAL COST, $18,125
Bond, $9062.50; Sureties, New Amsterdam Casualty Co.; Forfeit, none; Limit, 104 days; Plans and specifications filed.

COTTAGE
(1773) N SUNNYSIDE AVE 150 E Acadia E 25xN 100 Lot 13 Blk 48, Sunnyside. All work for four-room cottage.
Owner—Otto C. and Nelle Niehus, 10 Monterey Bvd., San Francisco.
Architect—None.
Contractor—Johan W. and Ernest B. Backman, 537 Chenery St., San Francisco.
Fied May 2, '23. Dated Apr. 26, '23.
Frame up 25%
Brown coated 25%
Completed and accepted..... 25%
Usual 35 days..... 25%
TOTAL COST, $3850
Bond, none. Limit, 90 days. Forfeit. none. Plans and specifications filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted

April 26, 1923—W NINTH AVE 225 N Noriega N 27 m or l x W 120. F Monson to whom it may concern .....April 25, 1923
April 26, 1923—E POWELL 68-6 N Bush N 69xE 67-6. Edward Beck to D Zelinsky & Sons..April 24, 1923
April 26, 1923—NO. 65 MARKET. Ticket room and drafting room in General Office Bldg of Southern Pacific Co. Southern Pacific Co to Schultz Constr Co.....April 6, 1923
April 26, 1923—LOT 23 BLK 16, Crocker Amazon Tract. Manne J Peterson to whom it may concern .....April 26, 1923
April 26, 1923—COM. AT PT. that bears W 80 from int. W Georgia with N 22nd E 480xN 290. Pacific Gas & Electric Co to The Steel Tank & Pipe Co.....April 20, 1923
April 26, 1923—COM. ON CONTINuation of E Delaware 100 N from continuation of S 23rd W 160 N 75 E 160 S 75. Pacific Gas & Electric Co to Western Pipe & Steel Co of California.....April 25, 1923
April 27, 1923—S LINCOLN WAY 75 E 26th Ave E 25 x S 100. Herman H. Bergfeld to whom it may concern .....April 26, 1923
April 27, 1923—N BRUCE AVE 250 E Harold E 25 x N 112-6 Lot 11 Blk C Lakeview. The McCarthy Co. to James Arnott & Son.....Apr. 25, 1923
April 27, 1923—N FULTON 92-6 E 13th Ave. H. W. Simpers to Meyer Bros. .....April 27, 1923
April 27, 1923—N TWENTY-THIRD Ave 75 S Cabrillo S 25th 120 W 12-6 th 12-6 th 12-6th 107-6. H. O. Lindeman to W. R. Lindeman.....April 26, 1923
April 27, 1923—NE SHAFTER AVE 75 SE Lane SE 25 x NE 100. Harry and Hilda Fass to Madden Hammersmith Development Co.....April 19, 1923
April 27, 1923—NW SEVENTEENTH and Albion Ave. Harry J. & Margaret Lewis to Thos. M. Jones.....April 26, 1923
April 27, 1923—S CLEMENT 90 W 39th Ave W 35 S 75 SW 25 m or l E to pt 90 W 39th Ave N 100. Arthur Quinn to whom it may concern .....April 26, 1923
April 27, 1923—W CAPITOL AVE 300 S De Montford Ave. S 25 x 112-6. Oscar W. Lind to whom it may concern .....April 27, 1923
April 27, 1923—N FULTON 92-6 W 12th Ave. Harry J. Gullinane to Meyer Bros. .....April 27, 1923
April 27, 1923—NW FILBERT AND Hyde N 137-6xW 137-6. Capo Di Monte to American Concrete Co.. .....April 27, 1923
April 28, 1923—S ULLOA 30 and 60 W 32nd Ave 30x75. Wallace J Smale to Wm Sharpe...April 28, 1923
April 28, 1923—SW BUSH AND SANsome S 137-6xW 206-3. Standard Oil Co to Sartorius Co. Crittall Casement Window Co....Apr. 19, 1923
April 28, 1923—NE FIFTEENTH AND Dolores N 30-9xE 90. George P Maloney to G Petterson, Cramer Bros and Dewey Electric Co..... .....April 27, 1923
April 28, 1923—NE FIFTEENTH & Dolores N 30-9xE 90. George P Maloney to C Peterson...Apr. 27, 1923
April 28, 1923—SE FOLSOM 50 NE Ninth NE 30xSE 90. Edward and Henrietta Lewis to Chas Schwarz .....April 27, 1923
April 28, 1923—SW ELEVENTH AVE and Kirkham 32-6x75. Fred Warden to whom it may concern..... .....April 28, 1923
April 28, 1923—SE NATOMA 356-8 SW Third SW 43-4xSE 80. Fred Hansen to Taylor & Jackson..... .....April 20, 1923
April 28, 1923—E YORK 200 S 26th S 50xE 100. A G Sala to Thomas F Mitchell .....April 28, 1923
April 30, 1923—N JACKSON 175-11 E Presidio Ave 25x127-8¼. Augusta M Duisenberg to whom it may concern.....April 28, 1923
April 30, 1923—S IRVING 57-6 E 27th Ave E 25xS 100. Julia Gould to Cox Bros.....April 23, 1923
April 30, 1923—W THIRTY-THIRD Ave 221 N Fulton N 32xW 120. S F Johnson to whom it may concern .....April 30, 1923
April 30, 1923—S PAGE 190 E Ashbury E 25xS 137-6. Henry C Stoeckle to Klaus Adler.April 30, '23
April 30, 1923—NW MADRID 225 SW France Ave SW 50xNW 100. Oscar T Bergquist to whom it may concern.....April 26, 1923
April 30, 1923—LOT 1 BLK 20, Amended Map Ingleside Terrace. Louis Spiegelman to whom it may concern.....April 13, 1923
April 30, 1923—LOT 15 and S 20 ft. front and rear Lot 16 Blk 3164, Westwood Park. Albert C and Helen U. Irsch to Oscar Wilson and Andrew J Benson...April 28, 1923
April 30, 1923—E THIRTY-THIRD Ave 175 N Geary. Geo A Bertram to Meyer Bros.. ....April 20, 1923
April 30, 1923—NE RUSSIA AV AND London 25x100. Edw and Jennie Dehack to whom it may concern... .....April 11, 1923
April 30, 1923—N IRVING 50 W 16th Ave 25x100. T R Sharman to whom it may concern.....April 27, 1923
May 1, 1923—N FULTON 32-6 W 21st Ave W 25xN 100. Charles Kollmar and John Burns to whom it may concern.....April 28, 1923
May 1, 1923—NW FULTON AND Twenty-second Ave N 25xW 82-6. A R Lapham to whom it may concern.....April 30, 1923
May 1, 1923—N McALLISTER 177-6 W Fillmore W 57-6xN 137-6. Jos Pasqualetti to whom it may concern.....Apri 30, 1923
May 1, 1923—N WOOLSEY 90 W San Bruno Ave W 25xN 100. John Lange to Jos S Fratessa.Apr 30, 1923
May 1, 1923—W THIRTY-THIRD AV 189 S Cabrillo S 32xW 120. J T Dowling to whom it may concern.. .....May 1, 1923
May 1, 1923—SW BUSH AND SANsome S 137-6xW 206-3. Standard Oil Co to American Marble & Mosaic Co (2 acceptances)..Apr. 23, 1923
May 2, 1923—NE POLK & GOLDEN Gate Ave N 120xE 75. Associated Oil Co to Alfred H Vogt..... .....April 23, 1923
May 2, 1923—W SANSOME 46-10⅞ N Sutter N 91-6xW 122-6. Anglo & London Paris Nat'l. Bank to Compressed Air Cleaning Co..Apr. 23, '23
May 2, 1923—W COLE 25 S Alma 25 x100. Knut Billing to A M Oyen .....April 20, 1923
May 2, 1923—W EIGHTH AVE 225 N Judah W 120xS 25. Thos Skelly & Wm A Kohler to whom it may concern.....April 25, 1923
May 2, 1923—W FORTY-SEVENTH Ave 240 S Cabrillo 30x120. Marie Balzke to whom it may concern... .....May 2, 1923
May 2, 1923—E SEVENTH AVE 50 S Judah. John E Hallgren to whom it may concern.....May —, 1923
May 2, 1923—SE POLK & GREENwich S 40xE 100. Axel A Johnson to whom it may concern.May 2, 1923
May 2, 1923—S SUTTER 217-6 E Montgomery E 57-6 S 119-4½ m or l SW 71-10½ N 159-9⅞ m or l to beg. The Provident Securities Co to Lawton & Vezey....April 30, 1923
May 2, 1923—E ATHENS 25 S Excelsior Ave. Albert and Oscar Ohlander to whom it may concern .....May 1, 1923

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Amount

April 27, 1923—COM. AT PT. ON Lake St, 82-6 W from W 8th Ave W 28-9xS 100. George M Merritt Bldg Co vs J E Bolger $350
May 2, 1923—N OAK 109-6 E Steiner E 40xN 137-6. R Ehrhart Co vs C S Grillo $5300
May 2, 1923—S LINCOLN WAY 102-6 E 35th Ave E 30 S 100 W 132-6 N 75 E 102-6 N 25. J H Kruse vs J C Gibson $2288.03
May 2, 1923—SE LINCOLN WAY & Thirty-fifth Ave E 102-6xS 25. J H Kruse vs J C Gibson $1512.45

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded Amount

April 28, 1923—E FORTY-EIGHTH Ave 250 S Taraval S 75xE 120. Concealo Fixture Co to Mrs Harvey Dale or Florence Dale and Harvey L Dale.....$203.75
April 30, 1923—E FORTY-EIGHTH Av 250 S Taraval S 75xE 120. Shipman & Lauer to Mrs Harvey Dale or Florence Dale and Hamilton & Costello.....
May 1, 1923—LOT 15 BLK 5. St. Francis Wood. Ginsberg Tile Co to L K and Ragna Siversen and Julius Berge $33.80

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

April 28, 1923—NE JACKSON AND Baker E 35xN 100. Mabel Sweet et al as to improvements on property .....
May 2, 1923—SW GOLDEN GATE AV and Taylor. City Invst Co as to improvements on property.....

RELEASE OF BUILDING CONTRACT

SAN FRANCISCO COUNTY

April 30, 1923—SE ANZA AND FORTYfifth Ave S 55xE 85. C P Thompson with Meyer Bros.

BUILDING CONTRACTS

ALAMEDA COUNTY

$1,000 and Over Reported

The following is an index for the contracts for this issue:

No.	Owner	Contractor	Amt.
2002	Built In	Murch	19500
2003	Paul	Owner	3500
2001	Andersen	Owner	3800
2005	Tucker	Owner	2500
2006	Meyer	Meyer	1000
2007	Johnson	Starr	4800
2008	Thomas	Sand	2400
2009	Hill	Owner	3000
2010	Trotter	Owner	3000
2011	Money	Kulshar	18000
2012	Anderson	Owner	3000
2013	Williams	Van Ness	2500
2014	Conley	Atkinson	4900

2015	James	Rendrickson	5000
2016	Flores	Owner	3700
2017	Lane	Kurt	4800
2018	S P Co.	Hutchinson	....
2019	Turner	Owner	2800
2020	Peterson	Owner	1000
2021	Castro	Schmitz	3000
2022	Pfrang	Owner	6000
2023	Johnson	Owner	2000
2024	Ness	Owner	4000
2025	Hudson	Owner	3000
2026	Merriman	Pfrang	7000
2027	Reeves	Owner	2200
2028	Nevada	House	1450
2029	Pfrang	Owner	6000
2030	Melleman	Owner	1000
2031	Guyot	Owner	5000
2032	Martin	Norris	12000
2033	Whitthorne	Knowles	47000
2034	Root	Ballara	2575
2035	Selfert	Campbell	4100
2036	McIntier	Owner	3900
2037	Conner	Owner	3000
2038	Dickerman	Owner	3000
2039	McKallor	Owner	3000
2040	Wilson	Owner	4000
2041	Andrews	Owner	5000
2042	Haglund	Owner	3000
2043	Armstrong	Sorenson	95,295
2044	Womens	McCullough	57050
2045	Young	Blethroad	4000
2046	Forenson	MacDonell	6000
2047	Sanders	Bald	4000
2048	Harding	Owner	3000
2049	Muther	Owner	4500
2050	Haglund	Owner	1500
2051	Boeln	Button	9500
2052	West	Owner	4000
2053	Stolte	Owner	3250
2054	Christian	Nutting	10000
2055	Lassen	Lassen	4700
2056	Johnson	Maganini	1500
2057	Wehrly	Gray	1800
2058	Payne	Owner	3000
2059	Lamb	Lewis	2800
2060	Seeman	Owner	4000
2061	Kromer	Stall	6000
2062	Shipman	Owner	1850
2063	Peterson	Johanson	3000
2064	Kessing	Kessing	2000
2065	Kaiser	Owner	2300
2066	Bard	Owner	200,000
2067	Elias	Rheberg	4100
2067	Hills	Henderson	4500
2068	Keyser	Patton	1950
2069	O'Neill	Buchanan	3000
2070	Bray	Owner	1000
2071	Smith	Stanley	6000
2072	Lovett	Butzbach	2250
2073	Dennery	Dennery	1500
2074	Gordon	Owner	3500
2075	Young	Higgins	2600
2076	Sconran	Owner	2000
2077	Dowling	Owner	5250
2078	Papworth	Hancock	5350
2079	Marshall	Brasch	1000
2080	Dicken	Owner	1400
2081	O'Connell	Loughery	13500
2082	Western	Barrett	35700
2083	Calcutt	Lee	6500
2084	Perrott	Owner	5000
2085	Corteze	Hamilton	3000
2086	Knapp	Hamilton	3000
2087	Slaven	Mason	5000
2088	Jordan	Owner	3500
2089	McGee	Roby	3000
2090	Sargent	Rankin	2950
2091	Darsch	Chestnut	1300
2092	Sigwald	Oakland	3500
2093	Baker	Oakland	5000
2094	Valeigo	Woods	2950
2095	Maglione	Haurie	4000
2096	Snead	Crane	6000
2097	Steers	Hopper	19855
2098	Sanglaconio	Sanglacomo	14000
2099	Stier	Wieben	6850

FACTORY
(2002) NO. 2606-08-10 SAN PABLO, Berkeley. One-story Class C factory.
Owner—Built In Fixture Co.
Architect—None.
Contractor—Walter Murch, Federal Bldg., Oakland. $19,500

DWELLING
(2003) NO. 1511 CAPISTRANO ST., Berkeley. One-story 5-room dwlg.
Owner—B. M. Paul, 1924 Shattuck Ave., Berkeley.
Architect—None. $3500

DWELLING
(2004) N. 2211 CARLTON, Berkeley. One-story 5-room dwelling
Owner—H. C. Andersen, 937 Snyder Ave., Berkeley.
Architect—None. $3800

DWELLING
(2005) NO. 2318 ACTON, Berkeley. One-story 5-room dwelling.
Owner—J. R. Tucker, 2316 Acton St., Berkeley.
Architect—None. $2500

STORE
(2006) S HOPKINS ST. 260 W Dimond Ave., Oakland, 1-story store.
Owner—K. A. Meyer, 3216 Brookdale, Oakland.
Architect—None.
Contractor—Harry Meyer, 3216 Brookdale Oakland. $1000

DWELLING.
(2007) NO. 3809 LINWOOD, Oakland. 1-story, 6-room dwelling.
Owner—R. K. Johnson, 3733 Canon St., Oakland.
Architect—None.
Contractor—C. M. Starr, 2019 Delaware St., Berkeley. $4800

DWELLING.
(2008) NO. 2640 SCHOOL ST., Oakland. 1-story, 4-room dwelling.
Owner—J. D. Thomas, 2200 8th Ave., Oakland.
Architect—None.
Contractor—W. F. Sand, 2721 School St. $2400

DWELLING.
(2009) NO. 6027 FOOTHILL BLVD., Oakland. 1-story, 5-room dwelling.
Owner—Hill & Walters, 1600 High St., Oakland.
Architect—None. $3000

ALTERATIONS.
(2010) NW COR. MOSS AVE. & SHAFTER, Oakland. Alterations.
Owner—Richard C. Trotter, 382 Moss Ave., Oakland.
Architect—None. $3000

ALTERATIONS.
(2011) NE COR. 19TH AND TELEGRAPH, Oakland. Alterations.
Owner—Money Back Smith, 12th and Washington Sts., Oakland.
Architect—None.
Contractor—S. Kulchar Co., 8th Ave. and E 10th St. $18,000

DWELLING.
(2012) N HARBOR VIEW, 1065 E 35th Ave. 1-story, 5-room dwelling.
Owner—O. Anderson, 3804 Harbor View Ave., Oakland.
Architect—None. $3000

DWELLING.
(2013) NO. 2918 E. 17TH ST. 1-story 3-room dwelling.
Owner—Walter Lee Williams, Premises, Oakland.
Architect—None.
Contractor—L. E. Van Ness, 2536 Hopkins St., Oakland. $2500

DWELLING.
(2014) 842 44TH ST., Oakland. 1-story 6-room dwelling.
Owner—S. Conley, 822 Henry St., Oakland.
Architect—None.
Contractor—E. L. Alkinson, 2735 Grove St., Oakland $4900

DWELLING.
(2015) NO. 921 WARFIELD AVE., Oakland. 1-story 6-room dwelling.
Owner—C. H. James, Oakland.
Architect—None.
Contractor—A. Hendrickson, 6458 Raymond St., Oakland. $5000

DWELLING.
((2016) NO 5311 BELVEDERE, Oakland. 1-story, 6-room dwelling.
Owner—Anthony Flores, 1315 84th Ave., Oakland.
Architect—None. $3700

DWELLING.
(2017) W. BROOKSIDE, 450 E EDITH St., Oakland. 2-story 6-room dwelling.
Owner—Mrs. Lane, Oakland.
Architect—None.
Contractor—J. A. Kurt, 711 54th St., Oakland. $4800

PAVEMENT
(2018) OAKLAND, Berkeley, Alameda, Albany, Emeryville. Oil macadam pavement
Owner—S. P. Co.
Architect—None.
Contractor—Hutchinson Co., Hutchinson Bldg., Oakland.
Filed April 25, 1923. Dated Mar. 15, 1923. Payments not specified. Total cost — $.01375 cu. ft.
Rock $1.75 per cu. yd., preparing sub grade $.01 sq. ft.; ea cost of oil etc., $.01375 cp. ft.
Bond, $10,000; Suretics, Globe Indemnity Co.; Forfeit, none; Limit, 30 days; Plans and specifications, none.

DWELLING
(2019) NO. 1220 PARKER ST., Berkeley. One-story 5-room dwlg.
Owner—L. B. Turner, 1308 Blake St., Berkeley.
Architect—None. $2800

ADDITION
(2020) NO. 2515 MATTHEW ST., Berkeley. Addition.
Owner — Chas. Peterson, 1200 E-24th St., Oakland.
Architect—None. $1000

DWELLINGS
(2021) NO 1130 AND 1132 DERBY ST. Berkeley. Two one-story 3-room dwellings.
Owner—Peter J. Castro.
Architect—None.
Contractor—H. J. Schmitz, 2738 Mabel St., Berkeley. $1500 each

DWELLING
(2022) W MENDOCINO 102 S Lawton Ave., Oakland. One-story 7-room dwelling.
Owner—H. C. Pfrang, 5659 Ocean View Drive, Oakland.
Architect—None. $6000

DWELLING
(2023) NO. 4868 CALAVERAS AVE., Oakland. One-story 4-room dwlg.
Owner—Axel Johnson, 4862 Calaveras Ave., Oakland.
Architect—None. $2000

DWELLING
(2024) NO. 4639 EL CENTRO AVE., Oakland. One-story 5-room dwlg.
Owner—Peter Ness, 1330 E-26th St., Oakland.
Architect—None. $4000

DWELLING
(2025) NO. 1757 E-THIRTY-EIGHT St., Oakland. One-story 5-room dwelling.
Owner—L. G. Hudson, 1771 Evers Ave., Oakland.
Architect—None. $3000

DWELLING
(2026) 6024 ROCKRIDGE BLVD., Oakland. 1-story 7-room dwelling.
Owner—N. Merriman, 4147 Manila Ave. Oakland.
Architect—None.
Contractor—H. C. Pfrang, 5659 Ocean View Drive, Oakland. $7000

DWELLING
(2027) 4026 CARRINGTON ST., Oakland. 1-story 4-room dwelling.
Owner—R. E. Reeves, 1505 37th Ave., Oakland.
Architect—None. $2200

ALTERATION
(2028) 2337 E-TWENTIETH ST., Oakland. Alterations.
Owner—Nevada Elgin, 2327 E-20th St., Oakland.
Architect—None.
Contractor—Jacob Housc, 1640 Allston Way, Berkeley. $1450

DWELLING
(2029) 6181 ROCKRIDGE BLVD., Oakland. 1-story 7-room dwelling.
Owner—H. C. Pfrang, 5659 Ocean View Drive, Oakland.
Architect—None. $6000

FACTORY & OFFICE
(2030) NE EIGHTH ST. & SHOREY, Oakland. 1-story factory and office
Owner—W. H. Melleman, 1417 Willow St., Oakland.
Architect—None. $1000

DWELLING
(2031) 719 WALLA VISTA AVE., Oakland. 1-story 6-room dwelling.
Owner—Victor Goyot, 3535 Meadow St., Oakland.
Architect—None. $5000

FLATS
(2032) 821-23-25 FIFTY-FIFTH ST., Oakland. 3-story 12-room flats.
Owner—C. E. Martin, 833 Grove St. Oakland.
Architect—A. W. Smith, 1010 Broadway Oakland.
Contractor—R. E. Norris, 839 Vermont St., Oakland. $12,000

STORE
(2033) 1—SW COR. ELEVENTH AND Washington Sts. W 90 S 34
2—W WASHINGTON ST 34 S 11th St. W 90 S 10, Oakland. Three-sto. and basement rein. conc. store.
Owner — Whitthorne & Swan, 1015 Washington St., Oakland.
Architect—None.
Contractor—William Knowles, Central Bank Bldg., Oakland.
Filed April 27, 1923. Dated Apr. 27, 1923.
Each 4 weeks 75%
Usual 35 days 25%
TOTAL COST, $$47,000
Bond, $23,500; Sureties, Hartford Accident and Indemnity Co.; Forfeit, $200 day; Limit, 105 days; Plans and specifications filed.

ALTERATIONS
(2034) NE COR. ELEVENTH AND Harrison Sts. E 45 N 78, Oakland. Alterations.
Owner—Zoe E., Maud E. and A. L. Root, 1425 Oak St., Oakland.
Architect—None.
Contractor—J. Chester Ballara, 2628 13th Ave., Oakland.
Filed April 26, 1923. Dated Apr. 25, 1923.
Roughed in .....½
Completed and accepted .....½
Usual 35 days .....½
TOTAL COST, $2575
Bond, $1250; Sureties Willard W. White and Arthur P. Pollard; Forfeit, $25 day; Limit, 30 days. Plans and specifications, None.

DWELLING
(2035) LT. 95 MAP RESUBDIVISION Peralta Park, Berkeley. 1-story dwelling.
Owner—Emily A. Seifert, Lincoln Ave., Berkeley.
Architect—None.
Contractor—Douglas Campbell, 2421 Oregon St., Berkeley.
Filed April 27, 1923. Dated Apr. 25, 1923.
Ready for roof 20%
Ready for plaster 20%
Plastered 20%
Completed and accepted 20%
Usual 35 days 20%
TOTAL COST, $4100
Bond, $2050; Sureties, Fidelity & Casualty Co; Forfeit none; Limit 100 days; from April 26; Plans and specifications filed.

DWELLING
(2036) 2124 TWELFTH AVE., Oakland. 1-story 5-room dwelling.
Owner—H. W. McIntier, 1528 Franklin St., San Francisco.
Architect—None. $3900

DWELLING
(2037) 2848 HOPKINS ST., Oakland. 1-story 5-room dwelling.
Owner—Roy Conner, 2848 Hopkins St., Oakland.
Architect—None. $3000

DWELLING
(2038) S HOLWAY AVE. 459 E Seminary, Oakland. 1-story 5-room dwlg.
Owner—G. C. Dickerman, 1412 Cornell Ave., Berkeley.
Architect—None. $3000

DWELLING
(2039) N KANSAS 235 W Midvale Oakland. 1-story 4-room dwelling.
Owner—Mrs. E. McKallor, 3310 Kansas St., Oakland.
Architect—None.
Contractor—H. T. McKallor, 2923 Nicol Ave., Oakland. $3000

DWELLING
(2040) N PROSPECT 167 N Montclair, Oakland. 1-story 5-room dwelling.
Owner—R. E. Wilson, 4026 Agua Vista, Oakland.
Architect—None. $4000

DWELLING
(2041) S E-THIRTY-THIRD ST. 140 & 187 E Stuart, Oakland. 2 1-story 4-room dwellings.
Owner—F. A. Andrews, Federal Bldg., Oakland.
Architect—None. $2500 each

DWELLING
(2042) 2025-27 LINDEN ST., Oakland. 1-story 6-room 2-family dwelling.
Owner—O. Haglund, 942 28th St., Oakland.
Architect—None. $3000

SCHOOL
(2043) NW COR. HAROLD WAY AND Kittridge St., Berkeley. 2-story and basement school.
Owner—Armstrong School of Business.
Architect—W. H. Ratcliff, Jr., 1st Natl. Bank Bldg., Berkeley.
Contractor—Walter Sorenson, 3221 Ellis St., Berkeley.
Filed April 28, 1923. Dated Apr. 28, 1923.
1st day each month 75%
Usual 35 days 25%
TOTAL COST, $95,295
Bond, $47,648; Sureties, Globe Indemnity Co.; Forfeit, none; Limit, Sept. 15; Plans and specifications filed.

CLUB BLDG.
(2044) BERKELEY. Club Building.
Owner—The Building Committee of the Womens Faculty Club, Inc.
Architect—John Galen Howard, 1st Natl Bank Bldg., San Francisco.
Contractor—H. McCullough & Son, 1641 Allston Way, Berkeley.
Filed April 28, 1923. Dated Apr. 26, 1923.
1st day each month 75%
Usual 35 days 25%
TOTAL COST $57,050
Bond, $57,050; Sureties, National Surety Co.; Forfeit, $250 day; Limit, Sept. 15; Plans and specifications filed.

DWELLING
(2045) 1156 OXFORD, Berkeley. 1-story 6-room dwelling.
Owner—Roy Young, 2118 Shattuck Ave. Berkeley.
Architect—None.
Contractor—D. G. Blethroad, 1413 Henry St., Berkeley. $4000

DWELLINGS
(2046) 1729 & 1733 DERBY, Berkeley. Two 1-story 5-room dwellings.
Owner—Mrs. H. J. Forenson, 1615 Oxford, Berkeley.
Architect—None.
Contractor—Geo. A. MacDonell, 2425 Spaulding, Berkeley. $3000 each

DWELLING.
(2047) W. FRUITVALE AVE., 152 S. Brookdale, Oakland. 1-story, 5-room dwelling.
Owner—Mrs. T. Sanders, 2724 26th Ave., Oakland.
Architect—None.
Contractor—P. J. Bald, 1657 35th Ave., Oakland. $4000

DWELLING.
(2048) 1352 80TH AVE., Oakland. One-story, 5-room dwelling.
Owner—G. Harding, 1601 64th ave., Oakland.
Architect—None. $3000

DWELLING.
(2049) 1052 LAKESHORE AVE., Oakland. One-story, 6-room dwelling.
Owner—S. W. Muther, 347 41st St., Oakland.
Architect—None. $4500

ADDITION.
(2050) 3298 MADERA AVE., Oakland. Addition.
Owner—J. Hoglund, premises.
Architect—None. $1500

FLATS AND GARAGE.
(2051) 5286-90 BROADWAY TERRACE, Oakland. Two-story, 8-room flats and garage.
Owner—F. H. Boein, College Ave. and Broadway, Oakland.
Architect—None.
Contractor—I. W. Burton, 347 6th St., Oakland. $9500

DWELLING.
(2052) 980 SCOTT ST., Oakland. One-story, 6-room dwelling.
Owner—Elmer W. West, 4026 Brighton Ave., Oakland.
Architect—None. $4000

DWELLING.
(2053) 3046 SYLVAN AVE., Oakland. One-story, 4-room dwelling.
Owner—F. C. Stolte, 3455 Laguna Ave., Oakland.
Architect—None. $3250

CLASSROOM AND GYMNASIUM.
(2054) S. GRAND AVE., 50 E. Webster st., Oakland. One-story brick and concrete classroom and gymnasium.
Owner—First Christian Church, 222 Webster St., Oakland.
Architect—None.
Contractor—D. C. Nutting, 2726 Haste St., Berkeley. $10,000

DWELLING.
(2055) 5368 BROADWAY, Oakland. One-story, 7-room dwelling.
Owner—Carl C. Lassen, 5340 Broadway, Oakland.
Architect—Lassen & Shields, Oakland.
Contractor—Lassen & Shields, Oakland. $4700

ALTERATIONS.
(2056) 678 WALSWORTH AVE., Oakland. Alterations.
Owner—Dr. F. D. Johnson, premises.
Architect—None.
Contractor—J. F. Maganini, 603 36th St., Oakland. $1500

DWELLING.
(2057) 945 39TH ST., rear, Oakland. One-story, 3-room dwelling.
Owner—L. B. Wehrly, premises.
Architect—None.
Contractor—G. R. Gray, 1755 16th St., Oakland. $1800

DWELLING.
(2058) 5600 FLEMING AVE., Oakland. One-story, 5-room dwelling.
Owner—L. T. Payne, 5005 Congress Ave., Oakland.
Architect—None. $3000

DWELLING.
(2059) 3475 HIGH ST., Oakland. One-story, 5-room dwelling.
Owner—John Lamb, 5607 High St., Oakland.
Architect—None.
Contractor—J. Lewis, 1475 81st Ave., Oakland. $2800

DWELLING.
(2060) NW. COR. 62ND AVE. and Monadnock Way. 1½-story, 6-room dwelling.
Owner—K. H. Seeman R., F. D. No. 1, Box 1349, Oakland.
Architect—None. $4000

DWELLINGS.
(2061) N. ALLENDALE, 150-196 E. 38th Ave., Oakland. Two 1-story, 5-room dwellings.
Owner—Kromer Bros., 3900 Allandale Ave., Oakland.
Architect—None.
Contractor—Harvey Stall, 2524 Short St., Oakland. $3000 ea.

DWELLING.
(2062) 7601 WELD ST., Oakland. One-story, 4-room dwelling.
Owner—C. A. Shipman, 1437 69th Ave., Oakland.
Architect—None. $1850

DWELLING.
(2063) 6226 BROMLEY ST., Oakland. One-story, 5-room dwelling.
Owner—Oscar Peterson, 6222 Bromley St., Oakland.
Architect—None.
Contractors—Johanson & Liljedahl, 2429 13th Ave., Oakland. $3000

ADDITION.
(2064) N. 16TH ST., 94 E. Market St., Oakland. Addition.
Owner—L. E. Kessing, 856 16th St., Oakland.
Architect—None.
Contractor—J. J. Kessing, 856 16th St., Oakland. $2000

DWELLING.
(2065) 2942 BONA ST., Oakland. One-story, 5-room dwelling.
Owner—Henry D. Kaiser, 2934 Fruitvale Ave., Oakland.
Architect—None. $2300

DWELLINGS.
(2066) 2757 BEST AVE. and 2606-12-18-24-30-36-42-48 2700-06-12-18-24-30-36 2742-48 2808-14-20-26-32 2900-06-12-18-24-30-36 3000-06-12-18-24-30-36 3100-06-12-18-24-30-86 3100 30-36 3100-06-12-18-24-36 3136-42 3148-64-60-66-72 Monticello Ave., Oakland. Fifty 1-story 6-room dwellings.
Owner—Arthur Bard Co., 2743 Madera Ave., Oakland.
Architect—None. $4000 each

DWELLING
(2067) LOT 14 BLK — MAPLE HTS., Oakland. 1-story 6-room dwelling and garage.

Owner—Burdette Elias, 3367 Laurel Av. Oakland.
Architect—None.
Contractor—C. J. Rheberg, 2831 Montana St., Oakland.
Filed April 30, 1923. Dated Apr. 28, 1923.
Frame up $1100
Plastered 1150
Ready for painter 1100
Completed and accepted 750
TOTAL COST, $4100
Bond, Sureties, Forfeit, none; Limit, 3 months; Plans and specifications filed.

DWELLING
(2067) NO. 925 MILLER AVE., Berkeley. One-story 5-room dwelling.
Owner—H. M. Hills.
Architect—None.
Contractor—E. F. Henderson, 6744 Keith Ave., Oakland. $4500

ADDITION
(2068) NO. 1945 HASTE ST., Berkeley. Addition.
Owner—Keyser.
Architect—None.
Contractor—Patton & Kelso. $1950

DWELLING
(2069) 3864 SHAFTER AVE., Oakland. 1-story 5-room dwelling.
Owner—J. F. O'Neill, 3768 Shafter Ave., Oakland.
Architect—None.
Contractor—K. C. Buchanan, 384 38th St., Oakland. $3000

DWELLING
(2070) 7222 LOCKWOOD ST. REAR, Oakland. 1-story 3-room dwelling.
Owner—Walter E. Bray, premises.
Architect—None. $1000

DWELLING
(2071) 1120 EXCELSIOR AVE., Oakland. 2-story 6-room dwelling.
Owner—W. S. Smith, 1140 7th Ave., Oakland.
Architect—None.
Contractor—H. Stanley, 2319 23rd Ave., Oakland. $6000

DWELLING
(2072) 4200 REDDING ST., Oakland. 1-story 4-room dwelling.
Owner—Sarah E. Lovett, 2318 21st St., Oakland.
Architect—None.
Contractor—G. H. Butzbach & Son, 8030 E-14th St., Oakland. $2250

DWELLING
(2073) 1154 FIFTY-EIGHTH AVE., Oakland. 1-story 3-room dwelling.
Owner—Mrs. Minnie Dennery, 278 E-18th St., Oakland.
Architect—None.
Contractor—A. Dennery, 278 E-18th St. Oakland. $1500

DWELLING
(2074) W RANSOME AVE. 60 N Carrington. Oakland. 1-story 5-room dwelling.
Owner—A. D. Gordon, 2039 Rosedale Ave., Oakland.
Architect—None. $3500

DWELLING
(2075) 3658 HIGH ST., Oakland. 1-sto. 4-room dwelling.
Owner—R. A. Young, 5248 Miles Ave., Oakland.
Architect—None.
Contractor—W. H. Higgins, 9439 Foothill Blvd., Oakland. $2600

DWELLING
(2076) W EIGHTY-THIRD AVE. 100 S E-14th St., Oakland. 1-story 4-rm. dwelling.
Owner—H. M. Sconran, 8213 E-14th St. St., Oakland.
Architect—None. $2000

DWELLING
(2077) 210 PERKINS ST., Oakland. 1-story 6-room dwelling.
Owner—Geo. F. Dowling, Federal Bldg Oakland.
Architect—None. $5250

DWELLING
(2078) 1375 E-THIRTY-EIGHTH ST., Oakland. 1-story 6-room dwlg.
Owner—Mrs. F. Papworth, 1626 Hopkins St., Oakland.
Architect—None.
Contractor—J. E. Hancock, 3837 Park Blvd., Oakland $5350

ADDITION
(2079) 4217 TERRACE ST., Oakland. Addditlon.
Owner—J. H. Marshall.
Architect—None.
Contractor—M. P. Brasch, Am. Bank Bldg., Oakland. $1000

ALTER & ADD.
(2080) 706 TENTH ST., Oakland. Alteration and additions.
Owner—F. C. Dieken, 903 Castro St., Oakland.
Architect—None. $1400

FLATS
(2081) S FORTIETH ST. 400 E Grove St., Oakland, 2-story 12-room flats and garage.
Owner—J. J. O'Connell.
Architect—None.
Contractor—J. F. Loughery, 705 31st St Oakland. $13,500

BUILDING
(2082) SW COR SIXTY-THIRD AND Doyle Sts. SW 260.98 W 100 NE 130.49 W 200 N 128.65 E 400, Emeryville. 1-story class C building.
Owner — Western Waxed Paper Co., North Portland, Oregon.
Architect — R. Vane Woods, Federal Realty Bldg., Oakland.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.
Filed May 1, 1923. Dated April 12, 1923.
Each 20 days 75%
Usual 35 days 25%
TOTAL COST, $35,700
Bond $35,700; Sureties, Albert Lachman and Harry W. Gaetjen; Forfeit, $1 day; Limit, 60 days from April 23; Plans and specifications filed.

DWELLING
(2083) 1411 SAN ANTONIO AVE., Alameda. 2-story 8-room dwelling
Owner—W. R. Calcutt, 2767 Clinton Ave Alameda.
Architect—None.
Contractor—Samuel Lee, 1801 Lafayette St., Alameda. $6500

DWELLING
(2084) 887 INDIAN ROCK, Berkeley. 1-story 6-room dwelling.
Owner—R. Perrott, 1136 Fresno, Berkeley.
Architect—None. $5000

DWELLING
(2085) 2516 MATHEWS, Berkeley. 1-story 5-room dwelling.
Owner—F. Corteze.
Architect—None.
Contractor—M. F. Hamilton, 825 Santa Fe Ave., Berkeley. $3000

DWELLING
(2086) 2512 MATHEWS, Berkeley. 1-story 5-room dwelling.
Owner—G. Knapp.
Architect—None.
Contractor—M. F. Hamilton, 825 Santa Fe Ave., Berkeley. $3000

DWELLING
(2087) 835 OXFORD, Berkeley. 1-story 5-room dwelling.
Owner—Thos. W. Slaven.
Architect—None.
Contractor—Mason McDuffie Co., Shattuck & Addison. $5000

DWELLING
(2088) 1636 TACOMA, Berkeley. 1-sto. 5-room dwelling.
Owner—M. Jordan, 5844 Broadway, Oakland.
Architect—None. $3500

DWELLING
(2089) 2418 JEFFERSON, Berkeley. 1-story 5-room dwelling.
Ower—H. A. McGee, 1996 University Ave., Berkeley.
Architect—None.
Contractor—D. B. Roby, 2428 Jefferson Ave., Berkeley. $3000

DWELLING.
(2090) W. 92ND AVE., 42 N. Cherry, Oakland. One-story, 5-room dwelling.
Owner—F. H. Sargent, 2344 E. 17th St., Oakland.
Architect—None.
Contractor—S. G. Rankin, 712 Haddon Road, Oakland.

ALTERATIONS.
(2091) S. 19TH ST., 75 W. Franklin St., Oakland Alterations.
Owner—C. C. Dersch, Valle Vista Ave., Oakland.
Architect—None.
Contractor—J. H. Chestnut, 235 Orange St., Oakland. $1300

DWELLING.
(2092) 2414 38TH Ave., Oakland. One-story dwelling.
Owner—J. W. Sigwald, 3927 Agua Vista Ave., Oakland.
Architect—None. $3500

DWELLING.
(2093) 1330 BATES ROAD, Oakland. One-story, 6-room dweling.
Owner—W. J. Baker, 2255 Auseon Ave., Oakland.
Architect—None. $5000

DWELLING.
(2094) 5217 BOND ST., Oakland. One-story, 4-room dwelling.
Owner—N. Valergo, 42nd Ave., near E. 12th St., Oakland.
Architect—None.
Contractor—Woods Bros., 4612 E. 14th St., Oakland. $2950

STORES.
(2095) E. GROVE ST., 35 N. 32nd St., Oakland. One-story 2-room stores.
Owner—B. S. Maglione, 281 Haas St., San Leandro.
Architect—None.
Contractor—Hauri & Wierk, 822 56th St., Oakland. $4000

DWELLING.
(2096) MONTCLAIR VISTA, Oakland. Two-story, 6 room dwelling.
Owner—Albert C. Snead.
Architect—None.
Contractor—C. B. Crane & Son, 2695 Cedar St., Berkeley. $6000

DWELLING
(2097) LOT 7 & PTN LOTS 8 & 9 REvised Subdivision Lot 15 Blk G Piedmont Park, Piedmont. Two-story and basement frame dwelling (except brick work, tile walls, flues fireplace, mantels, elec. work, plumbing, painting, finishing hardware, shades and fixtures.
Owner—F. M. Steers, 5975 Claremont Ave., Piedmont.
Architect—B. J. S. Cahill, Easton Bldg., Oakland.
Contractor—M. E. Hopper & Son, 1117 Webster St., Oakland.
Filed May 2, 1923. Dated April 28, 1923.
1st floor joists laid.....$2500
Frame up 4000
Brown coated 4000
Completed and accepted 4391.25
Usual 35 days 4963.75
TOTAL COST, $19,855
Bonds, Sureties, Forfeit, none; Limit, 135 days; Plans and specifications filed.

FLATS
(2098) SE AYALA AVE. 155 NE Martin St. NE 95 SE 150, Oakland. 2-story and basement frame flat bldg. and garage, except shades and lighting fixtures.
Owner—L. Sanglacomo & F. Guido, 458 9th Ave., San Francisco.
Architect—None.
Contractor—G. Sangiacomo, 458 9th Av. San Francisco.
Filed May 2, 1923. Dated May 1, 1923.
Frame up .....¼
Brown coated .....¼
Completed and accepted .....¼
Usual 35 days .....¼
TOTAL COST, $14,000
Bond, Sureties, Forfeit, none; Limit, 100 days; Plans and specifications, none

DWELLING
(2099) NO. 727 ROSEMONT ROAD Being Lot 10 Blk 14 Lakeshore Highlands, Oakland. 2-sto. frame dwlg.
Owner—O. N. Stier, 3016 Lincoln Ave., Alameda.
Architect—None.
Contractor—Alex C. Wieben, 839 Rosemount Rd., Oakland.
Filed May 2, 1923. Dated April 28, 1923.
Frame up .....¼
Brown coated .....¼
Completed and accepted .....¼
Usual 35 days .....¼
TOTAL COST, $6850
Bond, Sureties, Forfeit, none; Limit, 90 days; Plans and specifications filed.

COMPLETION NOTICES

ALAMEDA COUNTY.

Recorded Accepted

April 26, 1923—PTN LOTS 70 AND 71 Capital Homestead Ass'n Tract. Elizabeth Aubertin to whom it may concern.....April 26, 1923

April 26, 1923—NO. 2927 SIXTY-first Ave., Oakland. Mamie B Gardner to W N Glaser..Apr. 26, 1923

April 26, 1923—FORTY-SIXTH AVE and E-14th St., Oakland. Southern Pacific Co to Hutchinson Co.....April 25, 1923

April 26, 1923—PTN LOTS 10 AND 11 BLK 15 Map Boulevard Park, Okd. J W Sigwald to whom it may concern.....April 26, 1923

April 26, 1923—LOT 20 AND W ½ Lot 21 Blk 2092 Map Paradise Plot, Oakland. Elson V Carstens to whom it may concern.April 20, 1923

April 27, 1923—N MILES AVE 216.41 W College Ave W 50xN 130, Oakland. Lena Schleef to A R Johnston.....April 25, 1923

April 27, 1923—LOT 9 BLK "E" Montclair Estates, Oakland. Clarence B Johnson to F R Brayton.....April 21, 1923

April 27, 1923—LOT 4 Map Claremont Home Tract, Oakland. Jas H Young to whom it may concern.....April 26, 1923

April 27 1923—LOT 20 BLK 1, Northbrae Station Tract, Berkeley. John O Weston to whom it may concern .....April 25, 1923

April 27, 1923—NW WILLIAMS 180 NE Washington Ave NE 40xNW 130.30, San Leandro. William C and Ida Billings to Darling & Petersen .....April 23, 1923

April 27, 1923—PTN LOT 179 Map Nova Piedmont. Albert Hamarberg to whom it may concern.....April 25, 1923

April 27, 1923—NE CASTRO 120 SE "E" SE 44xNE 110, Hayward. S Frankel and J Hoorwitz to George Petersen.....April 17, 1923

April 27, 1923—E SIXTIETH AVE 80 N Avenal Ave, Oakland. Orton & Wood to A E Orton....April 27, 1923

April 28, 1923—N HOLWAY 117 E Seminary Ave E 39x90, akland. Fred L Hewitt to whom it may concern.....April 26, 1923

April 28, 1923—LOT 55 BLK 8, Steinway Terrace, Oakland. E M Attebery to whom it may concern.....April 26, 1923

April 28, 1923—N HOLWAY 156 E Seminary Ave E 39x90, Oakland. Fred L Hewitt to whom it may concern.....April 25, 1923

April 28, 1923—NE SHATTUCK AVE and Dwight Way, Berkeley. Emma S Foy by James W Plachek to J P Brennan.....April 26, 1923

April 28, 1923—NO. 130 NOVA DRIVE Piedmont. Frank Flashman to L L Lucas.....April 28, 1923

April 28, 1923—N BEVERLY PLACE 269.79 E Ventura 40x100, Albany. R C Woodburn to whom it may concern .....April 28, 1923

April 28, 1923—E LAKESHORE AVE 50 N Beacon N 50x100, Oakland. John J and Sarah F Brannan to Harry C Knight.....April 24, 1923

April 27, 1923—OAKLAND FIELD, Oakland. S. P. Co to Hutchinson & Co.....April 20, 1923

April 30, 1923—W VIONA AVE No. 643, Oakland. Jas B Grubb to whom it may concern.....April 30, 1923

April 30, 1923—LOTS 61 AND 67 Map Jeanette Von Ah Tract, Oakland. Henry W Haler to whom it may concern.....April 1, 1923

April 30, 1923—LOTS 17 AND 18 BLK "D" Lakeshore Hills, Oakland. C W Smith to Miller & Warnecke.....April 21, 1923

April 30, 1923—LOT 17 Map Grand Ave Terrace, Oakland. Harry P Fisher to whom it may concern.....April 24, 1923

May 1, 1923—BLK BDED BY STANford, Powell and Vallejo Sts., Oakland. Felix R Koenig to whom it may concern.....April 30, 1923

May 1, 1923—LOT 1 AND SE 15 LOT 2 Blk 3, Map Boulevard Park, Oakland. Board of Trustees Church of Brethren to Miller & Livingston .....April 30, 1923

May 1, 1923—SE CAMBRIDGE AND Grand Ave, Piedmont. Catherine Walsh to C M MacGregor.....April 30, 1923

May 1, 1923—LOT 15 BLK 2 Map Santa Fe Tract No. 5, Oakland. Charles Wm and Ethel Ellen De Journette to A J Yerrick..Apr. 27, '23

May 1, 1923—LOT 25 Map Maple Heights, Oakland. A E Clark to Alder & Clark.....May 1, 1923

May 1, 1923—LOT 24 Map Maple Heights, Oakland. A E Clark to Alder & Clark.....May 1, 1923

April 30, 1923—(1) STANFORD AVE, Hollis St. to California Jct.; (2) California St., 62nd St. to Cedar St., (3) California St., Hopkins to Thousand Oaks, Berkeley. S P Co to Hutchinson.....April 27, 1923

April 30, 1923—(1) FRANKLIN ST. near 14th St; 5-7 and Cedar Sts; (2) 14th and Franklin Sts.; (3) 21st & Telegraph Ave.; (4); Curtis and 21st Sts., Oakland. S P Co to Hutchinson Co.....April 27, 1923

April 30, 1923—(1) ELLSWORTH ST, Durant to Deakin; (2) 9th St., Santa Fe Crossing to Thousand Oaks; (3) 9th St., Northbrae to Yolo, Berkeley. S P Co to Hutchinson Co.....April 27, 1923

April 30, 1923—STANFORD AVE & Los Angeles St., Oakland. S P Co to Hutchinson Co....April 27, 1923

April 30, 1923 — HIDEIKER SPUR Berkeley. S P Co to Hutchinson Co .....April 27, 1923

April 30, 1923—LOT 13 Esden Tract, Oakland. H D and Lilly K Esden to C H Graham.....April 29, 1923

May 2, 1923—LOT 13 AND W 23 Lot 14, Map Resdvn Ptn Highland Court, Piedmont. Everett J and Winifred O Brown to A F Marshall .....May 1, 1923

May 2, 1923—E BROADWAY 55 N Twelfth N 45xE 100, Oakland. The Oakland Bank to J G Williams Constr Co.....

May 2, 1923—LOT 8 BLK 11 Map Melrose Heights, Oakland. Amanda C Young to Greene & Burns.....April 29, 1923

May 2, 1923—PTN LOTS 10 AND 15 Blk 27 Map Melrose Heights, Oakland. W T Legris to whom it may concern.....May 1, 1923

May 2, 1923—LOT 69 Fuller & Todd Tract, Oakland. Wm H Sims to whom it may concern...Apr. 27, 1923

LIENS FILED

ALAMEDA COUNTY

Recorded Amount

April 26, 1923—LOTS 21 TO 25 inclu Blk "G" Foothill Park Tract, Oakland. R R Clarke vs R O McCline $37

April 26, 1923—NE E-EIGHTEENTH and SE Park Blvd 165x100, Oakland. Marshall & Stearns Co vs George A Williams and Dimitrios P Kalitsas $1900

April 30, 1923—LOT 9 BLK 19, Map Havenscourt, Oakland. Karl H Seeman vs Allen and Etta P Rae and Benjamin G Bowdish $177

May 1, 1923—NE E-EIGHTEENTH and SE Park Blvd SE 165 NE 165 NW 165 SW 100, Oakland. Richard Spencer vs Dimitrios P and Louisa Kalitsas and George A Williams.. ..... $1050

May 1, 1923—(1) PT 52 DISTANT fm S Athens Ave and San Pablo Ave S 40 rt angles 185 rt angles 92 P 85 rt angles 52 E to pt beg; (2) Pt 26 S of SW Cor. Athens and San Pablo Aves S 26xW 100, Oakland. B F Mayhorn vs Lubri-Gas Oil Co, Inc., W H Donahue and Jos A Lopez $78.40

May 2, 1923—NO. 3876 CERRITO AV. Oakland. Fred Estey vs Neille J Sutherland $762

May 2, 1923—LOT 36 BLK 7 and Ptn Lot 35 Blk 7 Map Havenscourt, Oakland. Sunset Lumber Co vs C T Nielsen and R O McCline..$337.59

May 2, 1923—LOTS 23 AND 26 BLK "N" Map Kinsell Tract, Oakland. Sunset Lumber Co vs M Ferreira. M Smith and F Sousa.....$215.26

May 2, 1923—NW DELAWARE AND McGee Ave W 85xN 100, Berkeley. Hogan Lumber & Mill Co vs Chas E and Fanny M Arthur.....$429 20

May 2, 1923—LOT 23 BLK 4 Map Shaw Tract Blks 4, 6, 7, 8 and 9, Berkeley. Hogan Lumber & Mill Co vs M Walsh.....$256.05

May 2, 1923—NW DELAWARE AND McGee Ave W 85xN 100, Berkeley. Petrium Sanitary Sink Co vs C E and Fannie M Arthur.....$47

May 2, 1923—LOT 9 BLK 19 Map Havenscourt, Oakland. Frank E Moore Co vs Allen and Etta P Rae and Benjamin G Bowdish.....$100

May 2, 1923—LIESE AND MINNA Aves W 141.05 S 110 E 32.82 N 154.31, Oakland. Al Wood & Bro vs C H McClintic, John Smith and Emily Monti Gundlach.....$54

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded Amount

April 25 1923—SW THIRD AND SE Jones Ave SE 110xSW 35, Oakland. San Leandro Mill & Lumber Co to Manuel Crusko.....$175.40

April 30, 1923—LOT 14 BLK "K" Map Leonard Tract, Berkeley. Hunter Lumber Co to Richard Weber and Eugene Howard $294.88

May 1, 1923—LOT 11 BLK F Amended Map Moss Tct, Oakland. Hogan Lumber & Mill Co to J P Silva and E B Spriggs $152.34

Notice of Non-Responsibility

ALAMEDA COUNTY

April 28, 1923—SW APGAR & GROVE W 125xS 45, Oakland. H P and R L Teichner as to improvements on property.....

April 28, 1923—SW APGAR & GROVE W 125xS 45, Oakland. T A White as to improvements on property...

May 1, 1923—E BROADWAY 50 N Thirteenth N 50xE 100, Oakland. Mary Ester Glenn Guerin, Laura Francis Glenn, Carmelita Glenn and Helen Glenn Degener as to improvements on property.....

BUILDING CONTRACTS

SANTA CLARA COUNTY.

$1,0000 and Over Reported

BARN

E LITTLE MARKET ST, San Jose. All work for one-story frame and tile barn.

Owner—E. J. Clark & Louis Rauschenbach, 160 S-River St., San Jose.

Architect—None.

Contractor—E. E. Weldon, 115 N-33rd St., San Jose.

Filed Apr. 23, '23. Dated Apr. 12, '23.

Tile wall ½ completed	$750
Roof on	750
Completed	750
Usual 35 days	750
TOTAL COST.	$3000

Bond, none. Limit, 40 working days. Forfeit, none. Plans and specification filed.

COTTAGE

W S-FIFTEENTH ST., being Lot 5 Naglee Park Addition, San Jose. All work for one-story frame cottage.

Owner—A. J. Rhein, 365 E-San Fernando St., San Jose.

Architect—None.

Contractor—Carl C. Maurer, 241 Locust St., San Jose.

Filed Apr. 17, '23. Dated Apr. 14, '23.

Rafters up	$1125
1st coat plaster on	1125
Completed	1125
Usual 35 days	125
TOTAL COST.	$4500

Bond, none. Limit, 65 working days from April 14, 1923. Forfeit, none. Plans and specifications filed.

RESIDENCE

LOT 24 BLK 48, Palo Alto. All work for one and one-half-story residence.

Owner — Mrs. Adelaide P. Newsom, Palo Alto.

Architect—Birge M. Clark, 600 Embarcadero St., Palo Alto.

Contractor—E. Zimmerlie, 151 Cowper St., Palo Alto.

Filed Apr. 23, '23. Dated Apr. 21, '23.

Frame completed	$1093.75
1st coat plaster on	1093.75
Completed	1093.75
Usual 35 days	1093.75
TOTAL COST.	$4375.00

Bond, $2200. Sureties, A. C. Ellis and E. R. Ellis. Limit, 75 working days from April 23, 1923. Forfeit, none. Plans and specifications filed.

STATION
NE TWELFTH AND SANTA CLARA Sts., San Jose. All work for one-story frame building (auto service station).
Owner—Foster-Stuart, Inc., San Jose.
Architect—Wolfe & Higgins, Auzerais Bldg., San Jose.
Contractor—R. O. Summers, 17 N-First St., San Jose.
Filed April 20, '23. Dated April 19, '23.
Frame up $2754.75
Exterior rustic, inside and ceiling on 2754.75
Completed 2754.75
Usual 35 days..... 2754.75
TOTAL COST, $11,019.00
Bond, $5509.50. Sureties, James H. Pierce and M. L. Doane. Limit, 45 working days from April 19, 1923. Forfeit, none. Plans and specifications filed.

BUNGALOWS
SBDVNS 3 AND 4 BLK 47, Palo Alto. All work for two one-story and garage bungalows.
Owner—Chas. Dunn Clinch Co., Alaska Commercial Bldg., San Francisco.
Architect—H. C. Baumann and Edward Jose, 251 Kearny St., S. F.
Contractor—Wells P. Goodenough, 435 Tennyson St., Palo Alto.
Filed April 16, '23. Dated April 12, '23.
Wall & roof sheathing in place.$3250
Brown coat plaster on inside and out 3250
Completed 3250
Usual 35 days..... 3250
TOTAL COST, $13,000
Bond, $6500. Sureties, Z. T. Thorning and W. P. Gray. Limit, 90 working days from April 12, 1923. Forfeit, none. Plans and specifications filed.

ALTERATIONS
NO. 74 S-FIRST ST., San Jose. Remodeling store front and interior.
Owner—Herold's Shoe Co., 18 E-Santa Clara St., San Jose.
Architect — H. Krause, Bank of San Jose Bldg., San Jose.
Contractor—Megna & Newell, 866 N-17th St., San Jose.
Filed April 23, '23. Dated April 14, '23.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, $11,492
Bond, $5757.50. Surety, A. L. Hubbard. Limit, 48 working days from April 14, 1923. Forfeit, none. Plans and specifications filed.

HOUSE
LOT 10 BLK 1 ALAMEDA PARK, San Jose. All work for 1-story stucco house.
Owner—Louis Normandin, 105 Hanchett San Jose.
Architect—None.
Contractor—Frederick S. Taylor, San Jose.
Filed —. Dated April 27, 1923.
Owner paying for material and labor expended each week on Monday following week for which to be paid.
TOTAL COST, $5773
Bond, Sureties, Forfeit, none; Limit, 90 days from April 27, 1923; Plans and specifications filed.

COTTAGE
SANTA CLARA COUNTY. Carpenter work, plumbing, plastering, painting, electric work and fixtures for 4-room cottage.
Owner—Pearl Simpkins and Howard Simpkins, 61 west Virginia St., San Jose.
Architect—None.
Contractor—Victor H. Coates, 214 S 19th St., San Jose.
Filed —. Dated April 28, 1923.
When building enclosed ..... ¼
Brown mortar is on ..... ¼
When completed ..... ¼
Usual 35 days ..... ¼
TOTAL COST, $3225
Bond, $1612.50; Sureties, J. H. Stewart and Wm. Beattie; Forfeit, none; Limit, on or before July 1, 1923; Plans and specifications filed.

COTTAGE, 5-room, $4500; Clintonia St. near Coe San Jose; owner, E. L. Wolfe, 131 Coe St., San Jose.
COTTAGE, 4-room, $1975; Thirty-third St., near Santa Clara, San Jose; owner, A. Mollath.
COTTAGE, 5-room, $3700; Ninth St. near Humboldt St., San Jose; owner, H. Brimmer; contractor, E. L. Slaght, 752 S-9th St., San Jose.
COTTAGE, 4-room, $2100; Prevost St., near Willow St., San Jose; owner, Geo. Penfield; contractor, Howard Waltz, 132 Balbach St., San Jose.
SHEDS, fuel, etc., $1200; 11th and St. James Sts., San Jose; owner, Chrisman Bros., 495 E-St. James St., San Jose.
COTTAGE, 5-room, $3500; Orchard St. near Balbach St., San Jose; owner, Theo. Klein, Mt. Pleasant Road, San Jose; architect and contractor, E. Delmastro, 424 W-Julian St., San Jose.
SCHOOL building, $127,600; Washington Square, 7th St., San Jose; owner, State of California; architect, State Engineer's Office; contractor, Sampel & Cody, 180 Jessie St., San Francisco.
ALTERATIONS, $1000; Market and Pierce Sts., San Jose; owner, H. B. Stuart, 561 S-Market St., San Jose; contractor, W. J. Bigger, 19 N-16th St., San Jose.
COTTAGE, 5-room, $3500; Spencer St. near Atlanta St., San Jose; owner, Roy Butcher, 68 Willard St., San Jose; architect and contractor, S. De Cola, 540 E-Empire St., San Jose.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Accepted
April 16, 1923—LOT 5 BLK 4 Alameda Park, San Jose. George D McCrary to whom it may concern.April 16, '23
April 17, 1923—LOT 9 BLK 8, Hanchett Residence Park, San Jose. Catherine Florence Berger to whom it may concern..Apr. 16, 1923
April 18, 1923—E EIGLEBERRY ST., bet. 7th and 8th Sts., Gilroy. John A Rea to Charles Holmes.....April 14, 1923
April 18, 1923—PTN SUB LOT 38, Las Animas Rancho. E R Barr and Mrs. Bernice Barr to whom it may concern.....April 17, 1923
April 18, 1923—LOT 9 Cole Realty Company's Sub., San Jose. Lulu McCain to whom it may concern.....April 12, 1923
April 18, 1923—LOT 8 Cole Realty Company's Sub, San Jose. A H Craig to whom it may concern.....April 12, 1923
April 18, 1923—S SAN FERNANDO St., bet. 11th and 12th Sts., San Jose. Mrs. B L Hollenbeck to C V Brown.....April 14, 1923
April 19, 1923—W RIVER ST. 69 S from S line of Santa Clara St., San Jose. J R Phelps to Elwood Hiatt .....April 19, 1923
April 19, 1923—LOT 13 BLK 3, Palm Haven. C B Goodwin to whom it may concern.....April 18, 1923
April 20, 1923—LOT 3 BLK 21, Seale Addition No. 2, Town of Palo Alto. J W Carpenter to whom it may concern.....April 17, 1923
April 20, 1923—LOT 3 BLK 8, Rose Lawn. G W I Davis to whom it may concern.....April 20, 1923
April 20, 1923—LOT 40 Cherryhurst Tract, San Jose. A E Olson to whom it may concern..April 20, 1923
April 21, 1923—W McEVOY ST., bet. Park Ave and San Carlos Sts., San Jose. Sam Martin to R Jorgensen and C W Cook.....April 5, 1923
April 21, 1923—LOT 16 BLK 33, South Palo Alto. Henry & Helen Nelson to whom it may concern.Apr 19, 1923
April 23, 1923—LOT 7 BLK 11, Hanchett Park, San Jose. Joe J Ferreira to whom it may concern.April 14, '23
April 23, 1923—LOT C HIGH SCHOOL Park, San Jose. W. J. Anderson to whom it may concern..Apr. 23, 1923
April 24, 1923—PART LOT 5 SKIDmore Tract No. 1, San Jose. W. R. Hazlet to whom it may concern.....April 24, 1923
April 24, 1923—LOT 15 BLK 2 Seale Addition No. 1, Palo Alto. Elton H. Wiley to whom it may concern .....April 23, 1923
April 25, 1923—LOT 4 BLK 3 West Auzerais Addition. Oliver M. Johnson to Frank L. Hoyt..Apr. 21, 1923
April 25, 1923—LOT 1 BLK 2 S R 2 W City of Gilroy. Sarah Lopes to whom it may concern..Apr. 24, 1923
April 25, 1923—LOT 17 NEWHALL & Cottrell Sub, San Jose. Leona H. Fay to whom it may concern.....April 25, 1923
April 26, 1923—LOT 18 BLK 7 Range 8 S Snow & Pettis Addition to Mt. View, San Jose. George M. Babst to whom it may concern..Apr. 23, 1923
April 26, 1923—PART LOT 6 BLK 1 Maypark Half Acres, San Jose. D. H. Allen to whom it may concern .....April 26, 1923
April 26, 1923—LOT 4 BLK 1 HANchett Residence Park, San Jose. B. J. Smith to whom it may concern .....April 26, 1923
April 26, 1923—LOT 9 BLK 1 HANchett Residence Park, San Jose. B. J. Smith to whom it may concern .....April 26, 1923
April 26, 1923—PALO ALTO, Cal. Palo Alto Union High School Board to Barrett & Hilp (plumbing)..... .....April 2, 1923
April 27, 1923—CAMPBELL, CALIF. Bd. Trustees Campbell-San Tomas Union Grammar School Dist. to D. Zelinsky & Sons.....April 25, 1923
April 27, 1923—LOT 7 BLK 6 D Divine Survey No. 1, San Jose. W. P. Castle to whom it may concern.... .....April 21, 1923
April 27, 1923—CAMPBELL, CALIF. Bd. Trs. Campbell-San Tomas Union Grammar School Dist. to J. C. McLeod .....April 25, 1923
April 28, 1923—PALO ALTO, CALIF. Palo Alto Union High School Bd. to Barrett & Hilp .....April 2, 1923
April 28, 1923—LOT 17 BLK 11 ROSE Lawn, San Jose. Harry F. Dowell to whom it may concern..Apr. 28, '23
April 28, 1923—LOT 15 BLK 1 BURrell Park, San Jose. E. W. Crosby and James Wilkinson to whom it may concern .....April 28, 1923
April 30, 1923—LOT 18 BLK B LION Addition to San Martin. A. H. Hall to J. Jensen .....April 21, 1923
April 30, 1923—PART LOT 192 BLK 17 Cook and Brenham Addition, San Jose. L. A. Ward to whom it may concern.....April 28, 1923
April 30, 1923—PART OF ASHBY ADdition to City of Palo Alto. W. M. Bernard to whom it may concern .....April 27, 1923

LIENS FILED

SANTA CLARA COUNTY

Recorded Amoun
April 18, 1923—LOT 26 BLK 3, Alameda Park, San Jose. Trustees of Building Trades Council of San Jose vs Rose A and Wm Spielberg $194.40
April 19 1923—PTN LOT 249 BLK 23 Cook & Barnham Addition to San Jose. W H Rodgers vs Jack H and Jane Doe Gibbs.....$84
April 21, 1923—10 ACRES IN SEALE Add'n No. 4 known as Seale Academy (Military). The Minton Co vs Alfred Seale $300
April 27, 1923—LOT 7 BLK 4 HESter Park, San Jose. Sunset Lumber Co. vs. A. K. Burkett.....$1373.83
April 28, 1923—SOUTH 80 FT. LOT 6 Blk 1 Maypark Half Acres, San Jose. C. W. Hudspeth vs. D. H. Allen $15
April 30, 1923—LOT 11 BLK 69 NAGlee Park Tract, San Jose. C. V. Brown vs. Gladys D. Di Fiore and Carl F. Di Fiore.....$900.30
April 30, 1923—NE COR. SIXTH & Martha Sts., known as 898 South Sixth St., San Jose, Cal. Geo. E. Martin and Henry L. Posselt vs. F. F. Wellenman $19

RELEASE OF LIENS

SANTA CLARA COUNTY

Recorded Amoun
April 20, 1923—LOT 4, F C Bethell Sub., San Jose. Fred Bowen to W A. Wellington $31.3
April 27, 1923—THIRD & CHURCH Sts., Gilroy. Hubbard & Carmichael Bros. to Richard Soward & Mayme Soward $373.7
April 27, 1923—E SIDE CHURCH ST 100 ft. south of south line of First St., Gilroy, Cal. The Robinson Hdwe Co. to A. C. Band $45.4
April 27, 1923—E SIDE CHURCH ST 100 ft. south of south line of First St., Gilroy, Cal. Martin Hardware Co. to A. C. Band $13.8

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

$2,500 and Over Reported

RESIDENCE, $6000; No. 1111 West St., Stockton; owner, W. O. Meyers, 30 East Rose St., Stockton.
RESIDENCE, $5000; No. 345 E-Nobel St., Stockton; owner, H. H. Holmes.
RESIDENCE, $2500; No. 1701 E-Miner St., Stockton; owner, F. M. and Clara M. Brown, 921 N-Sierra Nevada St., Stockton.
RESIDENCE, $10,000; No. 748 W-Vine St., Stockton; owner, S. T. Sanguinetti, 417 N-California St., Stockton.
RESIDENCE, $4000; No. 1601 N-Pershing St., Stockton; owner, J. A. Salter, Linden Road, Stockton.
RESIDENCE, $4000; No. 130 W-Ash St., Stockton; owner, J. A. Salter, Linder Road, Stockton.
STORES, $12,000; No. 165 E-Miner St., Stockton; owner, Cornizini & Gottelli, Stockton.
GARAGE, $10,000; No. 230 S-California St., Stockton; owner, F. A. Reynolds, 1146 S-Hunter St. Stockton.
THREE residences, $4750 each; No. 126, 145 and 149 E-Monterey St., Stockton; owner, Salfield Bros., 411 Sonoma St., Stockton.
TWO residences, $3000 each; No. 1112 and 1116 N-Center St., Stockton; owner, C. C. Blair, Stockton.
RESIDENCE, $3000; No. 1339 E-Pinchot St., Stockton; owner, F. Voltolini, 13 W-Market St., Stockton.
RESIDENCE, $3000; No. 1209 W-Fremont St., Stockton; owner, Albertson & Drais, Bank of Italy Bldg., Stockton.
RESIDENCE, $3500; No. 1234 N-Baker St., Stockton; owner, F. M. Tiseon.
RESIDENCE, $3000; No. 507 N-Argonaut St., Fresno; owner, Albertson & Drais, Bank of Italy Bldg., Stockton.
RESIDENCE, $4200; No. 1261 W-Elm St., Stockton; owner, J. V. Devaney 1227 E-Weber St., Stockton.
REMODEL residence, $5000; No. 1215 Vernal Way, Stockton; owner, L. O. Allison, 947 S-San Joaquin St., Stockton.

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded — Amount

April 28, 1923—LOT 11 BLK 1, West Lodi. Calvert G Chipchase to whom it may concern.....April 20, 1923
April 23, 1923—PTN LOT 1 BLK 9, West Park Add'n to Tracy. L L Wilson to whom it may concern.....April 10, 1923

BUILDING CONTRACTS

SACRAMENTO COUNTY

$2,500 and Over Reported

FACTORY building, $22,955; Lots 1 and 2, Highland Park. Sacramento; owner, Sacramento Biscuit Co, Sacramento; contractor, H. W. Robertson, 1209 20th St., Sacramento; recorded April 25, 1923.

DWELLING
NO. 2148 GERBER AVE., Sacramento, $4000; 1-story 5-rm. dwelling and garage.
Owner—Rowen & Johnson, 1816 F. St., Sacramento.
Contractor—Rowen & Sons, 1816 F St., Sacramento.

DWELLING.
1080 SANTA YNEZ WAY, Sacramento, $3000; 1-story 5-room dwelling and garage, Sacramento.
Owner—L. J. Miller, 1445 38th St., Sacramento.
Architect—None.

DWELLING, two-story 6-room and garage, $7400; No. 1341 40th St., Sacramento; owner, F. N. Evans, 2830 J St., Sacramento; contractor, John T. Hunt, 3781 6th Ave., Sacramento
GENERAL repairs, $4000; No. 816 J St., Sacramento; owner, M. H. Diepenbrock, 2315 M St., Sacramento; contractor, Holdener Constr. Co., 2608 R St., Sacramento.
DWELLING, $3040; Lot 512 W & K Sub 19, Sacto.; owner, David O'Connor and Anita Lux; contractor, L. A. Roy, 3737 1st Ave., Sacramento; Recd April 20, 1923.
REPAIRS, $10,000; 829 J St., Sacto.; owner, Pommer Est. Co. & A. P. Rodegerdts, 1522 L St., Sacto.; contractor, W. Murcell, 2nd and V Sts., Sacramento.
DWELLING, 1-story 5-room, $2700; 3725 7th Ave., Sacto.; owner, E. M. Forsyth, 3773 7th Ave., Sacto.
BAKERY, 1-story brick, $7874; 401 T St Sacto.; owner, Harry Vassilakis, 1914 4th St., Sacto.; contractor, Geo. D. Hudnutt, Calif. Fruit Bldg., Sacramento.
RAISE and remodel, $2500; 2401 22nd St., Sacto.; owner, F. A. Davis, 2025 Castro Way, Sacramento.
DWELLING, 1-story 5-room, and garage, $4200; 665 San Miguel Way, Sacramento; owner, L. G. Keller, 1008 8th St., Sacto.; contractor, N. H. Batesman, 1627½ 18th St., Sacramento.
DWELLING, 1-story 5-room, and garage, $2500; 3824 3rd Ave., Sacto.; owner, A. Harris, 3827 24th St., Sacramento.
REMODEL, $2600; 1800 I St., Sacramento; owner, G. W. Goddard, 1800 K St., Sacto.; contractor, C. Vanina, 2020 M St., Sacramento.
DWELLING, 1-story 5-room, and garage, $3900; 709 San Miguel Way, Sacto.; owner, L. G. Keller, 1008 8th St., Sacto.; contractor, N. H. Bateman; 1627½ 18th St., Sacramento.
DWELLING, 1-story 5-room frame, and garage, $4000; 1105 Dolores Way, Sacto; owner, W. C. Keating, Capitol National Bank, Sacto.
DWELLING, 1-story 5-room frame, and garage, $3000; 3627 T St., Sacto.; owner, L. S. Christie, 500 15th, Sacramento.
DWELLING, 1-story 6-room brick, and garage, $7500; 1100 41st St., Sacramento; owner, Dr. McClaskey, I. O. O. F. Bldg., Sacto.; contractor, W. C. Keating, Capitol Natl. Bank Bldg., Sacramento.
DWELLING, 1-story 7-room, and garage, $7500; 2749 Curtis Way, Sacramento; owner, J. C. Carly Co., 823 J St., Sacto.; contractor, South Curtis Oaks Co., 2711 Curtis Way, Sacramento.
DWELLING, one-story 5-room and garage, $5000; No. 2401 U St., Sacramento; owner, D. H. & M. L. Gillis, 2525 Marshall Way, Sacramento; contractor, C. F. Smith, 3944 J St. Sacramento.
ALTERATIONS and repairs, $9800; No. 2800 J St., Sacramento; owner, H. Maegell, 1011 28th St., Sacramento; contractor, E. W. Book, 2912 G St., Sacramento.
BRICK building, one-story, $9000; No. 1315 I St., Sacramento; owner, C. M. Hickman, Camino.
FLATS, two-story, $8000; No. 2105 I St., Sacramento; owner, Henry & Sienmen, 1309 25th St., Sacramento; contractor, L. C. Tyrell, 1309 25th St., Sacramento.
DWELLING, one-story 6-room and garage, $5500; No. 1308 43rd St., Sacramento; owner, A. J. Henderson, 1518 14th St., Sacramento; contractor, E. W. Book, 2912 G St., Sacto.

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905 SIXTH STREET

LIENS FILED

SACRAMENTO COUNTY.

Recorded — Amount

April 24, 1923—W ½ LOT 4, W, X, 12th and 13th Sts., Sacramento. Sunset Lumber Co vs W W Wiseman.....$759.66
April 24, 1923—LOT 92 BLVD PARK, Sacramento. Sunset Lumber Co vs Amelia Lindfeldt.....$847.97
April 24, 1923—LOT 280 Blvd Park, Sacramtnto. Sunset Lumber Co. vs J J Ruggles.....$668.47

BUILDING CONTRACTS

FRESNO COUNTY

$5,000 and Over Reported

DWELLING, $6000; No. 826 Carmen St., Fresno; owner, Helen Jones, 637 Poplar St., Fresno; contractor, J. C. Clark, 3142 Lowe St., Fresno.
STORE building, $150,000; No. 757 Van Ness Ave., Fresno; owner, F. B. Black, 1025 Van Ness Ave., Fresno; contractor, R. F. Felchlin Co., Bank of Italy Bldg., Fresno.
MACHINE shop, $5000; No. 2055 H St., Fresno; owner, Associated Pipe Line Co., Rowell Bldg., Fresno.
DWELLING, $7000; 1633 Van Ness Ave.; owner, P. A. Wolff Bldg. Company, Fresno.

COMPLETION NOTICES

FRESNO COUNTY

Recorded — Accepted

April 21, 1923—LOTS 9 AND 10 E 5 ft. Lot 11 Blk 80, Unit No. 4, Fresno Geo G Wood to whom it may concern.....April 20, 1923
April 21, 1923—LOTS 5 AND 6 BLK 80, Unit No. 4, Sierra Vista Tract, Fresno. Geo G Wood to whom it may concern.....April 20, 1923
April 21, 1923—LOT 4, St. Clair. J E York to whom it may concern.....April 20, 1923
April 21, 1923—LOT 5, St. Clair. J E York to whom it may concern.....March 28, 1923
April 21, 1923—LOTS 11 AND 12 BLK 2, Dioge Park, Fresno. C M Hillman to whom it may concern.....April 21, 1923
April 21, 1923—LOTS 25 AND 26 BLK 3, College Addition, Fresno. Virgil S Routt to whom it may concern.....April 20, 1923
April 21, 1923—W 100 FT. LOT 4 Blossom Park, Fresno. G A Fletcher to whom it may concern.....April 21, 1923
April 21, 1923—S ½ LOT 17, Normal Acres (except E 25 ft. and W 50 ft.), Fresno. Thos S Wadsworth to whom it may concern.....April 21, 1923
April 23, 1923—E ½ LOT 11, all Lot 12 Blk 1, Fresno Heights Addition Fresno. T R Yoder to whom it may concern.....April 21, 1923
April 25, 1923—LOTS 16 AND 17 BLK 77, Sierra Vista Addition, Fresno. J A Schlotthauer to whom it may concern.....April 24, 1923
April 25, 1923—W ½ LOT 3 BLK 68, Sierra Vista Addition No. 3, Fresno. Geo S Collins to whom it may concern.....April 14, 1923
April 25, 1923—W ½ OF N ½ LOT 26, Normal Acres, Fresno. Dennis B Wheeler to whom it may concern.....April 24, 1923
April 25, 1923—LOTS 19 AND 20 BLK 10, Roeding Addition. Jas I Dillabough to whom it may concern.....April 24, 1923
April 25, 1923—LOTS 51 AND 52 BLK 10; lots 30 and 31 Blk 11, Roeding Addition, Fresno. Fresno Building Cptn to whom it may concern.....April 24, 1923
April 25, 1923—E 20 FT. LOT 7; all Lot 8 Blk 7, College Addition, Fresno. John W Moore to whom it may concern.....April 24, 1923
April 25, 1923—LOT 19 BLK 75, Fresno. Geo H Ehiklan et ux to whom it may concern.....April 20, 1923
April 26, 1923—LOTS 19 TO 23 BLK 8 Fresno Hts. S. S. Miller to whom it may concern.....April 25, 1923

April 26, 1923—LOT 3 BLOCK 4 Pinedale. Pinedale Realty Co. to whom it may concern...Apr. 24, 1923
April 28, 1923—LOT 9 BERRYHILL Tract. Wm. Schreiber to whom it may concern .....April 28, 1923

LIENS FILED

FRESNO COUNTY

Recorded Amount

April 25, 1923—LOTS 5 TO 8 High Addition Annex No. 1, Fresno. J H Witt vs John L and Ella D Scott.$65
April 26, 1923—LOTS 7 AND 8 BLK 89, Fairmont Addition, Fresno. Routt Lumber Co vs Ernest Hazelton $214
April 25, 1923—NO. 3520 BALCH ST., Fresno. Arthur E Etzenhauser, $30 Herbert E Sanderson, $22 vs H W Moore and C M Hall.....
April 26, 1923—S ½ OF W ¼ OF SE ¼ of Sec. 1, Fresno. G. Arthur Spencer vs. W. B. Dow & Irene Anderson $55.00
April 28, 1923—LOTS 41-42 SEC 20, 13-20 Montpellier Tract. L. Rosenberg vs. Lorin L. Miller.....$148
April 28, 1923—LOTS 1-2 BLOCK 9 College Park Add. Routt Lumber Co. vs. Herman Jauss $993
April 28, 1923—LOTS 5-6 BLOCK 9 College Park Add. Routt Lumber Co. vs. A. W. Zander.....$707
April 28, 1923—LOTS 40-41 BLOCK 2 Lincoln Terrace. Routt Lumber Co. vs. Eva Ludy $130
April 28, 1923—616 NORTH FIFTH St. Evans Plumbing & Heating Co. vs. C. Wilkens $295
April 28, 1923—LOTS 8-9 BLOCK 7 Sierra Vista Tract. Evans Plumbing & Heating Co. vs. L. D. Wright $167

BUILDING CONTRACTS

SAN MATEO COUNTY

DWELLINGS
(1) PART LOT 14 BLK 25; (2) PART Lots 14 and 16 Blk 25, Redwood Highlands. All work for two two-story frame dwellings.
Owner—Redwood Highlands Co, — Brewster St., Redwood City.
Architect—None.
Contractor—Louis N. Pollard, 55 Brewster St., Redwood City.
Filed Apr. 21, '23. Dated Apr. 16, '23.
Sheathed $2887.25
Brown coated 2887.25
Completed 2887.25
Usual 35 days..... 2887.25
TOTAL COST, $11,549.00
Bond, $5774.50. Sureties, W. P. Gray and Z. F. Thoring. Limit, 70 working days. Forfeit, none. Plans and specifications filed.

DWELLING
LOTS 38 AND 39 Wellington Park, Atherton. All work for six-room frame dwelling.
Owner—Minnie C. Knight, 1914 Vallejo St., San Francisco.
Architect—None.
Contractor—Ben C. Zimmerman, Redwood City.
Filed April 26, '23. Dated ——.
Sheathed $1958.50
Brown coated 1958.50
Completed 1958.50
Usual 35 days..... 1958.50
TOTAL COST, $7834.00
Bond, limit, forfeit, none. Plans and specifications filed.
LOCATION AND WORK NOT GIVEN.
Owner—Mercantile Trust Co., S. F.
Architect—None.
Contractor—Ben C. Zimmerman, Redwood City.
Filed April 25, '23. Dated ——.
Payments not given.
TOTAL COST, $——.
Bond, limit, forfeit, none. Specifications only filed.

BUNGALOW
LOT 28 BLK 8, San Mateo. All work for bungalow and garage.
Owner—Kalga Bjoskquist.
Architect—None.
Contractor—E S. Shaver, 838 Highland St., San Mateo.
Filed Apr. 27, '23. Dated ——.
Roof on .....$——
Plastered ..... ——
Completed ..... ——
Usual 35 days..... ——
TOTAL COST, $5600
Bond, none. Limit, 60 working days. Forfeit, plans and specifications, none.

SCHOOL
LOTS 1 TO 14 BLK 13, Millbrae Villa Tract, Millbrae. All work for one-story school building.
Owner—Millbrae School District.
Architect—E. L. Norberg, 693 Market St., San Francisco.
Contractor—J. B. Balcomb, Palo Alto.
Filed Apr. 26, '23. Dated Apr. 23, '23.
On 1st of each month..... 70%
Upon completion 75%
Usual 35 days..... 25%
TOTAL COST, $25,430
Bond, $12,715. Sureties, John Dudfield and Joseph Jury. Limit, 120 working days. Forfeit, $5. Plans and specifications filed.

RESIDENCE, $9000; W ½ Lot 39, Clark Drive, San Mateo Park, San Mateo; owner, Alfred H. Voght, 185 Stevenson St., San Francisco; contractor Alfred H. Voght, 185 Stevenson St., San Francisco.
DWELLING, $14,000; Lots 65 and 67, Clark Drive, San Mateo Park, San Mateo; owner, S. A. Wisneon, A and 2nd Ave., San Mateo; contractor, S. A. Wisnon, A and 2nd Ave., San Mateo.
DWELLING, 7-room, $7000; Crescent Ave. San Mateo Park, San Mateo; owner, Mitchell Jackson; 170 2nd St., San Mateo; contractor, Mitchell Jackson & Co., 170 2nd St., San Mateo.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded Accepted

April 26, 1923—LOT 9 BLK 13, Easton No. 2, Burlingame. Lloyd C Lewis to whom it may concern. Apr. 23, 1923
April 27, 1923—LOT 17 BLK 8, Burlingame Park Sub. 2, Burlingame. Walter L Scott to whom it may concern.....April 26, 1923
April 27, 1923—LOTS 6, 8, 10, 16, 17, 20 and 25 Blk 5; Lots 4, and 6 Blk 4, Burlingame Grove Tract, Burlingame. W F Dunn to Mitchell-Jackson Inc.....April 21, 1923
April 27, 1923—LOT 18 BLK 4, Burlingame. Jennie Carolan to John W Rutherdale.....Mar. 9, 1923
April 27, 1923—LOT 22 BLK 2, Sub No. 4, Burlingame Park, Burlingame. E E Wrule to C H Bessett Bldg Co.....April 20, 1923
April 28, 1923—PTN LOT 93 Sub No. 1, San Mateo Park, San Mateo. William Haynes to M C Rench.....April 23, 1923

LIENS FILED

SAN MATEO COUUTY

Recordsd Amount

April 24, 1923—PTN OAK LAWN Villa Lots, San Mateo. Wisnoni Lumber Co vs Frank W an Wm Bain and James Keegan....$1501.03
April 26, 1923—LOT 7 BLK "O" San Mateo Heights, San Mateo. D F Valentine vs L T Durrough..$173.65
April 26, 1923—PTN LOT 47, Burlingame Heights, Burlingame. R Scribante vs Geo D Huston and H Sevitt $77.60
April 26, 1923—LOTS 17 AND 18 BLK 17, Crocker Estate Tract, Daly City Angus Campbell vs Susan I Norwood $236
April 27, 1923—PTN OAK LAWN Villa Lots, San Mateo. Cahalan Co vs W E Bain et al.....$1039.76
April 28, 1923—PTN 5 ACRE HAYward Tract, San Mateo. F G Bank vs W C Bain et al.....$273
April 28, 1923—N NINTH AVE bet. Laurel Ave and County Road, San Mateo. Ray Gray vs W E Bain et al.....$865

BUILDING CONTRACTS

CONTRA COSTA COUNTY

DWELLING, one-story frame, $4000; N Roosevelt bet. 21st and 22nd, Richmond; owner, J. L. Brown, 2026 Gaynor Ave., Richmond; contractor, W. Snelgrove, 160 18th St., Richmond.
DWELLING, one-story frame, $2000; SW Bush and 26th Sts., Richmond; owner, J. McCarthy, Hearst and California Sts., Berkeley; contractor, E. R. Garner, 1318 University Ave., Berkeley.
FLATS (2) two-story frame, $8000; NE Roosevelt and 18th Sts., Richmond; owner, W. H. Lane, 456 14th St., Richmond; contractor, F. A. McCausland, San Pablo.
ALTER two-story frame flats, $2000; Third St. bet. Florida and Maine Sts., Richmond; owner, McEwen Bros., 333 Kearny St., San Francisco; contractor, J. Thornton, Richmond.
DWELLING, one-story frame, $3600; Sixth St., bet. Ripley and Peinn Sts., Richmond; owner, N. E. Anderson, 2030 Roosevent St., Richmond.

Larsen Construction Reports
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SAN FRANCISCO, CALIF., MAY 12, 1923

Published Every Saturday
Twenty-third Year No. 19

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San Francisco Los Angeles

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

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Vallejo Builders' Exchange

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W. P. FULLER COMPANY PLANS EXTENSIVE AD CAMPAIGN

The W. P. Fuller Company, of San Francisco, is undertaking a comprehensive advertising and sales campaign for the purpose of better acquainting the public with Fuller's paints and allide products.

The advertising will run in 255 newspapers and farm journals and will be addressed to the home-owner and other persons who can profit by the use of paint as a beautifier and preserver of property.

In addition to newspaper advertising, a billboard campaign has been decided on. This campaign will afford two months' showing on billboards in 467 cities and towns with a combined population of 4,400,000 people.

Special window displays have been arranged in order that purchasers of paint may know more easily where paint for their homes can be purchased. A supply of display material for windows will be received by local merchants shortly, according to information received today.

Through a service department, the fuller Co. will continue its educational work on problems regarding paint and its application.

As a further aid to dealers, personal co-operation will be given and letters will be written telling of the value of the use of paint.

STEEL STRIKE ENDED

The strike of the steel workers in the Portland, Ore., district ended April 24. At the request of the Building Trades Council all of the men on strike resumed work less than twenty-four hours following their walkout. The workers had demanded a 10 per cent increase in wages, but returned to work at the old scale of $7.20 and $8.10 a day pending the outcome of general negotiations between the crafts and the employers. The general request of the building trades for restoration of the 1920 schedule of wages is now being negotiated.

What was regarded as forecasting the settlement of the entire building trades controversy came with voluntary action of the painters' union, which independently of the trades council, offered to accept time and a half overtime pay in place of double time for overtime work as had been asked.

BUILDING CONTINUES TO BOOM

Increased labor and material costs had little effect on building operations throughout the country during April, according to Bradstreet's review, which says:

While New York City showed a decrease of total expenditures during April of 57 per cent, compared with March, the total expenditures of 138 cities showed a decrease of only 6.4 per cent for April, compared with March.

The greatest decreases reported for April were from the Middle Atlantic section. There were 27 working days in March as compared with 25 in April, the report pointed out.

The tendency in New York and the Middle Atlantic section to postpone building operations to a more favorable time is increasing more than $15,000,000 of new building being held up in New York alone.

LIVERMORE HOSPITAL PROJECT TO GO AHEAD

United States Senator Samuel Shortridge in a wire to E. W. Shaw, secretary of the Alameda County Builders' Exchange, declares the Livermore veteran hospital project will go ahead. His wire to Shaw follows:

"Am pleased to advise you that Director Hines of Veterans' bureau assured me yesterday (May 7) that new plans for Livermore Hospital are being prepared, and that it positively will be built. I understand unofficially that cottage plan is to be followed and that hospital will have capacity of 250 beds"

EDITOR'S NOTE: Construction of all veteran hospital projects has been turned over to the Construction Department of the Quartermaster General at Washington, D. C.

CONSTRUCTION HALTED

Dispatches from New York state that the Thompson Starrett Company, one of the largest construction concerns on the Eastern seaboard, had discontinued work on $7,000,000 of new building on orders of clients who were discouraged by the high cost of labor and building materials.

DISPUTED ROAD CONTRACT CLAIM GETS APPROVAL

After several weeks of delay, the state board of control formally approved a claim of $125,000 presented by George G. Pollock, Sacramento contractor, for the purpose of permitting a test suit to be brought in the state supreme court for the purpose of determining the power of the state highway commission under the law to use road tractors in connection with several cancelled contracts.

State Controller Ray L. Riley already has informed members of the board of control and the highway commission that he will not honor the claim, and this refusal will form the basis of the test, which Pollock, according to W. F. Mixon, secretary of the commission, will institute.

The action against the controller will be in the nature of mandamus proceedings for the purposes of compelling Riley to draw a warrant in favor of Pollock for the amount of the latter's claim.

Attorney General U. S. Webb some time ago notified Riley that in his opinion the claims of contractors under compromise agreements with the highways commission could not be justified by law, and the commission has taken the stand that the construction of the roads involved is not justified, considering road finances and is determined to go through with the cancellation program if legal means can be found.

G. B. Daniels, chairman of the board of control, steadfastly refused to approve Pollock's claim until assured that it was to be used only as the basis for a test suit. This assurance, Daniels said, had been obtained in writing from officials of the highway commission, and in addition he has the assurance of the controller's office that no warrant will be drawn without sanction by a court ruling.

The Pollock contract, which is for work on the San Simeon Highway in Monterey County, is one of several the new highway commission voted to cancel shortly after the change in administration. Including overrun, it is estimated that if carried out it would cost the state approximately $1,500,000. About $2,000,000 more is involved in other contracts the commission has voted to cancel.

According to officials, the Pollock claim includes legal points not involved in some of the other claims, and for this reason affords the best case for a test suit. Consequently, the first claim presented to Riley, which was for $47,000, in favor of Blake & Heaney in connection with a contract in San Luis Obispo County, has been withdrawn with the consent of all parties concerned.

LUMBERMEN HERE TO INVEST

Four Eastern lumbermen are in San Francisco with millions to invest in California timber lands. The party is stopping at the Palace Hotel and includes: E. A. Frost, Shreveport, La.; W. H. Bemis, St. Louis; J. W. McCurdy, Chicago, and M. J. Ragley of Ragley, La. Members of the party intimate that this quarter is ready to invest $3,000,000 in California Redwood. Bemis declares there is an increasing demand throughout the East for California lumber products.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

New orders of the Foundation Company and subsidiary companies are the largest in recent years, according to an announcement, following the listing of the company's securities on the New York Stock Exchange. In the last five years, its gross business has aggregated $123,568,704. The company has 40,000 shares no par value common stock and 6625 shares no par value preferred stock outstanding. Dividends have been paid since 1902. At present, the company is employing 15,000 men.

With the campaign for the construction of a bridge between San Mateo and Hayward, Alameda county, brought to a successful conclusion, the Three Cities Chamber of Commerce, which carried on the bridge battle, has now turned its efforts to securing a deep-water port for San Mateo. The chamber has interested a number of wealthy Eastern shipping magnets in the construction of a port and is now trying to interest manufacturers in the construction of factories at what will be known as San Mateo Terminal.

With continued halt in new buying of pig iron and finished steel, and with April breaking all records, the Iron Age in its current issue sees a significant bearing on the future relation of supply and demand. The review continues: "United States is now producing at the rate of 44,000,000 tons of pig iron annually or more than 10 per cent over the record year of 1916. The April output amounted to 3,547,551 tons for the thirty days at against 3,523,868 tons during the thirty-one days in March."

An advisory committee of fifteen builders, architects and bankers, is meeting in New York to devise a plan to relieve the acute building crisis in New York and check abnormally high wages and cost of material. Various builders declared bricklayers have demanded and receive $14 a day, common laborers $8 and hoisting engineers $12. The demands, they said, were "snowballed" in a single day without previous notice.

Industry throughout the country is turning out its products at a greater rate than in the boom year of 1920, the Federal Reserve Board, in its monthly survey of business reported. Production in basic industries during March was 8 per cent higher than at the 1920 peak, and 67 per cent above low point of 1921 depression.

The market for reinforcing bars is rising in the Philippine Islands and jobbers are buying up the stocks held by importers, says a cablegram received at the Department of Commerce from Trade Commissioner Fowler, Manila. Shortages in some sizes are now apparent, Fowler reported.

Several hundred hodcarriers and building laborers went on strike in Kansas City Mo., May 1 when contractors refused their demands for increased wages.

Labor organizations of San Bernardino are formulating plans to finance construction of a $50,000 labor temple in that city.

The Los Angeles Railway Company is preparing to build its own cars, according to an announcement by General Manager George J. Kuhrts. Construction of two shop buildings, each 100 by 400 feet, has been started and these will house equipment to carry on the work.

Bricklayers' union of Fresno has been reinstated in the Fresno Building Trades'Council. The Fresno bricklayers have been out of the fold for nearly two years. The admission of the union to the council marks the close of the only dis-union of the building crafts in the Fresno district.

Concrete workers and other semi-skilled building trades craft workers are on strike in Portland, Ore., refusing to work for less than $6 a day. The employers would agree to only $5.50 a day. Effective May 1, all other crafts worked under a 10 per cent increase.

A. D. Kern, Portland, Ore., contractor, has been awarded contracts by the U. S. District Engineer Office, San Francisco, at $300,000 and $200,000 respectively, to reinforce and extend the jetty at Humboldt Bay and to extend the breakwater at Crescent City.

The national conference on city planning at the close of its fifteenth annual session in Baltimore, Md., selected Los Angeles as the 1923 meeting place. Geo. B. Ford of New York was elected president of the conference at the Baltimore meeting.

Bricks from Holland will be permitted to enter the United States duty free, under paragraph 1536 of the Tariff Act, as the result of a Treasury decision announced advising collectors that Holland does not impose duty on bricks from the United States.

Kern County Engineers' Club with headquarters at Bakersfield will hold a family re-union viewing engineering projects in and around Bakersfield on May 13.

FORCASTS LUMBER FAMINE

Unless immediate steps are taken to reforest the lands where timber has been cut, the United States will face a lumber famine within forty years. Such is the declaration of Chas. L. Tarbert, Secretary of the Coos Bay Lumber Company of Oregon. Continuing, Traberta says:

"The lumber industry in the United States has followed the course of progress, starting in New England and then steadily moving wastward until today the Pacific Coast leads the country and consequently the world in the production of timber.

"Therefore it is the work of the West to take the leadership in reforesting, for when the Pacific Coast lumber supply is exhausted there will be virtually no more timber trees left in the United States," he said. "Many logging companies now realize this and are employing experts to reforest their logging lands."

Out of 1000 feet of standing timber only 300 feet reach the consumer, as the remainder is wasted in the preparation process, Trabert declares.

ALONG THE LINE

A deposit of molding sand on the outskirts of Riverside, Calif., below the Union Pacific Railway bridge over the Santa Ana River, will be developed by the Mineral Supply Company of Los Angeles under a contract with P. T. Evans, the owner. The Crane Chemical Company of Chicago has declared the sand to be the equal of any molding sand in the United States. Heretofore, there has been no local source of molding sand, all such sand used here being shipped into the state.

By a vote of 98 to 11, representatives of 6000 boilermakers and sheet metal workers, at a meeting in Seattle, voted to strike Monday, May 4, unless a flat raise of 10 cents an hour is granted them by contractors before that date. Representatives of sheet metal workers on outside contracts voted 94 to 3 to strike at the same meeting.

Columbus Building Ass'n. has been organized at Sonora, Tuolumne County, with a capital stock of $25,000 and will engage in the sale and erection of buildings. Directors are: John Muzio, J. B. Oneto, W. B. O'Bierne, all of Sonora, and J. O. Bigelow and W. J. Hanlon of Tuolumne.

During the week ending May 3, the Valley Industrial Association, located at Fresno, announces fifty-seven new apprentices were furnished various units of the building trades. All building trades are now fully supplied with apprentices, according to J. W. Manager of the association.

Nims Pump Co., capitalized at $150,000, has been incorporated at Stockton and will engage in the manufacture of a pump to eliminate overheated motors in Ford auto cars. Directors of the company are: F. B. Nims, V. J. Nims, H. L. Nims, O. H. and Chester Close.

The Disappearing Screen & Shade Co., with the principal place of business in Oakland, has been organized with a capital stock of $100,000. Directors are: Harry W. Valentine, Berkeley; F. P. Beretta, Berkeley, and W. H. Thomas, Oakland.

Three engineers in the employ of the Fresno Department of Public Works have resigned to accept positions with the Southern Pacific Company on railroad projects in Mexico. The engineers are: R. M. Mills, M. Rossi and Clyde Jones.

Ira Morrison, City Clerk of Chico for the past eight years, has been named city manager. The appointment is effective immediately, under the provisions of a recently adopted charter.

Southern Pacific authorized by Interstate Commerce Commission to construct 21 miles of railroad running out of Bakersfield into agricultural territory. Cost is estimated at $500,000.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

ALAMEDA COUNTY BUILDERS ENJOY WRESTLING MATCHES

(By Joe Odgers)

The regular monthly social of the Alameda County Builders' Exchange was held Tuesday evening, May 8, with a crowded house.

Professor Chas. Andrews, instructor in wrestling at the University of California, had on hand a few of his prize students who went through some fast floor movements. In addition to featuring the wrestling matches. Prof. Andrews had two heavy lightweights, Oakes and Golden, go through the various stages of the numerous locks and twists, showing how to get the grip and then how to get out of it. This part of the show proved highly interesting and undoubtedly wrestling will be a feature on the social programs in future.

Al Smith and Tommy Thompson showed the boys that Oakland contains material for some fast four round goes. This event furnished one with the idea that he was viewing an auto race.

Following the completion of the program cigars were passed and the boys grouped to discuss the topics of the day.

FRESNO CRAFTS WILL SEEK INCREASES, IS REPORT

With at least two unions proposing additional wage increases at the joint conference of the Fresno Builders' Exchange and the Fresno Building Trades' Council next month, several others may ask for raised schedules, it is learned from union sources.

The glaziers and construction engineers are said to be prepared to ask for wage increase at this conference equal with those of the painters and carpenters, the unions with which they are respectively affiliated. The glaziers now get $8 a day, the painters $8.50, the steam engineers $8 and the carpenters $8.50.

Other increases in force but not recognized in the wage agreement of last year are the plasterers, who get $11 and $12 a day, and the bricklayers.

The apprentice clases of the agreement of last year will also come up for discussion. Officials of both the exchange and the council believe that an amicable settlement will be made.

ARCHITECTURAL CERTIFICATES GRANTED FOR STATE OF CALIFORNIA

At the meeting of the California State Board of Architecture held on May 1st, 1923, the following were granted certificates to practice architecture in this state:

Archie Thomas Newsom, Nevada Bank Bldg., San Francisco.

Edward L. Frick, 251 Kearny St., San Francisco.

Frederick R. Collins, 1032 Hyde St., San Francisco.

A temporary certificate was issued to Beezer Bros. of Seattle, Washington.

ENGINEERS ELECT

The Sacramento section of the American Society of Civil Engineers has elected the following officers for the ensuing year: Edward Hyatt, Jr., president; Frank D. Talbot, vice-president, and Harry A. Armstrong, secretary.

HOUSING COMMISSION HEAD TENDERS RESIGNATION

As a protest against Governor Richardson's summary removal of Paul Scharrenberg from the State Commission of Immigration and Housing, Edward Glass, director of housing, has resigned.

He branded Scharrenberg's removal as "absolutely indefensible."

His resignation was submitted to Simon J. Lubin, president of the commission, who openly defied the Governor to remove him, stating that he had been as guilty of "lobbying" as Scharrenberg, and had "lobbied" at Governor Richardson's own request. To date Lubin has not been removed.

Glass, in his letter of resignation, took a whack at the Governor's charge that Scharrenberg had supported measures that would "raise the cost of building."

According to the director of housing, this phrase can only be interpreted as a direct attack by the Governor upon protective housing legislation, enforcement of which rests with the commission and with Glass as director of housing.

INCREASED BUSINESS WARRANTS PLANT EXTENSION

Outgrowing the present plant, comprising five buildings in North Sacramento, the All-In-One Plumbing Fixtures Company, is planning enlargements to double the present output.

The company started a little more than a year ago with a weekly output of three tons of fixtures a day. Since that time plant expansions have been numerous and the plant now maintains a steady production employing between 121 and 150 men. The present output is 84 tons of bathtubs and enamel washbowls per week.

The present need is for more furnaces and sand blasting rooms in which to dress the rough castings and enamel the finished product. Work is now under way on one of the buildings, while another one will be started within the next few weeks.

Officials of the All-In-ONE Fixture Co. are: A. O. Johnson, president Jas. Frasinetti, vice president; M. A. Wollman, secretary-treasurer; C. C. Holzell, general manager; C.E. Spear, W. J. Carragher, A. Arnold, A. Hayman, Volney Fox, Carl E. Brown, H. H. Cropley and Bert Moeller, directors.

SEVEN MILLION DOLLAR TIMBER PROJECT TO PROCEED

Announcement of a $7,000,000 timber handling program, involving $28,000,000 worth of timber in Madera and Fresno Counties, is made by Elmer H. Cox, San Francisco lumber magnate. Associated with Cox in the venture are: Arthur H. Fleming, Pasadena millionaire; R. C. Gillis, Los Angeles capitalist, and Herbert Fleishhacker, San Francisco banker.

The timber is located in what is known as the Minaret region east of Fresno. The mill is nearly finished and sawing will commence in June of this year. Logging is already being conducted in a small way pending the arrival of heavy logging machinery for the larger operations. A sixty-mile railroad under construction, will connect the timber area with the main plant.

STRIKE FAILS TO TIE-UP L. A. BUILDING

Demands of the union carpenters of Los Angeles for an increase of $1 per day and closed shop on all jobs where union carpenters are employed, have not appreciably interferred with building operations. Contractors generally refused to concede either demand. Some men quit work on a few of the larger construction jobs, but contractors reported the places of the strikers were being filled without difficulty at wages heretofore prevailing. The secretary of the carpenters union estimated only 200 men were out on strike, asserting that demands of all other members of the union had been granted. Contractors claim a majority of the carpenters are not members of the union and that even the union carpenters were not unanimous in supporting the demands. The contractors associations deny that any of their members have granted the demands of the union carpenters.—Builder and Contractor (Los Angeles).

IRON ORE USED IN ROADS

Iron ore, found in northwestern Louisiana, has proven of great value in road building in that state and, in some localities where it has been used, has effected a saving of $2,000 to $3,000 a mile in the cost of construction. Highway engineers in Louisiana have been using the ore as a binder instead of sand clay and have found it far superior to that material in many instances. During 1922 the Louisiana State Highway Department completed 350 miles of new roads. Most of this mileage consists of gravel. The remainder consists of roads built of shells, sheet asphalt or bitulithic. The 1923 program includes a larger amount of asphaltic construction.

Iron ore was first used in De Soto Parish, La., in 1917. Then a large deposit was found northwest of Arcadia. Ore from this deposit is being used as a base course on the new Homer-Minden Highway, the Arcadia-Natchitoches Highway, the Ruston-Arkansas Highway and the Pershing Highway. The state pays about ten cents a yard in royalties for this material against $1 a yard on sand clay gravel. The saving effected amounts to about $1.50 a yard.

LOGGING IN NATIONAL FORESTS APPROVED

Plans for permanent logging operations on 45,000 acres in the Owens river-Mono Lake working circle of the Inyo and Mono National Forests have been approved by the Forest Service, Department of Agriculture. The area involved contains a stand of timber estimated at 560,000,000 board feet, mostly jeffrey pine, lodegpole pine, and fir.

Under the approved management plan, the forest will be cut over twice during the next 140 years, during which time a new timber crop will have grown to insure a continuous supply of merchantable timber. Trees which may be cut will be designated by forest officers, and the cuttings will be limited to mature and over-mature stock.

TRADE NOTES

The Wheeling Steel Products Company (Sales Company for the LoBelle Iron Works, Whitaker-Glessner Company and Wheeling Steel & Iron Company) will discontinue May 1, 1923, and the Wheeling Steel Corporation will, from that date, handle all sales and operations. The Wheeling Steel Corporation will assume all existing sales obligations of the Wheeling Steel Products Company, and of the three above-named Companies. This action will not affect the personnel of the sales division which will remain unchanged at Wheeling and at District Sales Offices.

The Monarch Tractors Incorporated, Watertown, Wis., announces an advance in price of three Monarch Industrial Tractors, Model "C," 20-30; Model 4-40 and Model 6-60, $3800, $4330 and $5750 respectively. These prices are f. o. b. Watertown, Wis., terms, sight draft attached to bill of lading. The increase in price of all materials going into the construction of tractors and the future prospect of higher prices for materials, make the increase necessary, according to E. L. Woods, director of sales for the Monarch Co.

The co-partnership of Cochrane, Grant & Boehm announce they have incorporated under the name of the Cochrane-Boehm Co., Inc., and will maintain offices at 707 Call Bldg., San Francisco. The corporation has taken over the assets and liabilities of the co-partnership. There is no change in the personnel or business.

A CONSTRUCTION CONFERENCE

There will probably be held soon, and possibly at the direct instigation of President Harding, a conference of the construction industry to devise ways and means of curbing a runaway market tendency. Whatever this conference can accomplish will be all to the good. There is a rapidly piling demand for construction materials, and there is no present indication that the demand will slacken.

Now no one argues that building costs are as low as they should be, and it seems a matter of common sense to scan possibilities of building a fence around the goose which is laying the golden eggs so she will not gorge herself to death in neighboring gardens. It takes only plain thinking to dispose of arguments that costs will not continue to rise in the face of the enormous building demand unless men get together and discuss the importance of co-operation in keeping them down.

To do the job right, the industry should select the most dyed-in-the-wool pessimists it can find to analyze the situation, and then after the reports have been made, turn the best optimists loose on a big circulation of the facts. There should by rights be no thought of odium connected with the construction industry if it calls such a conference. But oftimes there is such report in the public press that it seems an industry has become so guilty that it just simply has to call a conference. To ward off this false treatment of a conference is a good job for any legitimate optimist. American Contractor

State Highway Reconstruction Estimates Compiled

In his estimate of maintenance and reconstruction requirements on the state highways of California, R. M. Morton, state highway engineer, places the amount for reconstruction at $4,460,350 for the fiscal year ending June 30, 1924, and at $5,418,770 for the fiscal year ending June 30, 1925, or $9,879,120 for the biennial period, a little more than half the total estimated for reconstruction and maintenance for the two years. The total estimated for reconstruction and maintenance for the fiscal year 1923-24 is placed at $8,401,268 and for the fiscal year 1924-25 at $9,871,435, a grand total of $18,272,703.

Following is the estimate for reconstruction with the amounts and mileage to be rebuilt for each division:

Fiscal Year, July 1, 1923 to July 1, 1924

Division Headquarters	Reconstruction Mileage	Reconstruction Amount
I (Willits)	4.0	$ 137,000
II (Dunsmuir)	5.0	60,000
III (Sacramento)	67.0	1,701,350
IV (San Francisco)	24.2	741,000
V (San Luis Obispo)	20.0	500,000
VI (Fresno)	20.0	500,000
VII (Los Angeles)	25.1	821,000
Totals	166.2	$4,460,350

Fiscal Year July 1, 1924 to July 1, 1925

Division Headquarters	Reconstruction Mileage	Reconstruction Amount
I (Willits)	6.0	$ 150,000
II (Dunsmuir)	10.0	120,000
III (Sacramento)	66.0	1,788,400
IV (San Francisco)	37.0	865,000
V (San Luis Obispo)	20.0	500,000
VI (Fresno)	20.0	500,000
VII (Los Angeles)	39.5	1,495,370
Totals	198.5	$5,418,770

In a statement given out accompanying the tabulated estimate, the state highway engineer says:

"Much of the existing state highway system is in crying need of reconstruction. Reconstruction and widening must be accomplished as soon as possible in order to preserve the investment already made in the paved highways. Considerable amounts are needed for the general maintenance of the highway system is in crying need of the state.

"Acting upon instructions from the state highway engineer, the division engineers of the seven divisions of the state highway organization, in February, submitted estimates for maintenance and reconstruction requirements for a two year period upon instructions to show the amount of funds necessary to properly take care of the highways. These estimates have been gone over very carefully and reduced as low as possible, taking into consideration the needs of the highways, and the economy program of the governor.

The state highway commission for the fiscal year 1923-1924 will have under maintenance approximately 3,926 miles of roads, about 2,100 miles of which are paved. For the fiscal year 1924-1925 it is estimated there will be under maintenance approximately 4,150 miles, about 2,200 miles of which will be paved.

Inasmuch as the traffic on the highways is increasing annually, the amount needed for general maintenance of the large mileage of unpaved roads represents a considerable amount. The traffic of today requires that close attention be given to the unpaved roads, and this, together with the fact that graded roads in the mountain country require large expenditures in the removal of slides, replacing gravel surface, construction of drainage ditches, etc., make it necessary to have a considerable sum for general maintenance.

"The estimate just prepared includes for the two-year period approximately $2,873,000 for general maintenance, an average of about $350 per mile for the total mileage of roads taken over by the state. Requirements for specific maintenance and betterments of the highway system total $2,650,000.

"The sum of $9,879,000 is needed for the two year period for the most pressing reconstruction work. With this latter amount, it is expected that between 350 and 400 miles of paved highways can be built.

"The greatest need for reconstruction is in the southerly counties, comprising the Los Angeles division, and in the Sacramento division.

"The revenue of the state highway commission for maintenance and reconstruction at the present time consists of the state's share of the motor vehicle license money, which in 1922 amounted to about $3,700,000. This fund is entirely inadequate for the reconstruction of existing pavement.

"It is believed by the commission that additional funds should be provided through a gasoline tax to augment the receipts from the motor vehicle licenses, and the estimate in question was prepared to show what reconstruction could be accomplished if funds are provided.

"The widening of the Peninsula highway south of San Francisco, the reconstruction of old oil macadam pavements in the counties of Sacramento and San Joaquin, the rebuilding of the Whittier boulevard south of Los Angeles, and the reconstruction of the Rincon causeway on the coast route, are some of the items which make up the estimate."

LONG BEACH BUILDING

During the month of April, 1923, the city building department of Long Beach, Calif., issued 504 permits with an estimated valuation of $2,260,272, and 50 house moving permits. For April, 1922, the number of permits was 350 and the estimated valuation $2,475,597. Building for April, 1923, comprised 87 flats, apartment and store buildings containing accommodations for 635 families and 51 store rooms estimated to cost $1,268,693; 16 industrial buildings estimated to cost $72,925,278; dwellings to cost $701,049; 1 school to cost $150,028; 1 church to cost $1000; 1 garage to cost $7500, and alterations to 120 buildings to cost $59,077.

SOUTHERN CALIFORNIA CHAPTER, A. G. C. NOTES

The annual banquet of the Southern California Chapter, Associated General Contractors, will be held in Los Angeles June 7. Burt Richardson and Brook Hawkins of Los Angeles and W. J. Burgin of Long Beach have been appointed a committee to arrange a program.

At the last general meeting of the chapter it was voted to accept the invitation of Claire L. Peck for the chapter to hold a picnic on his ranch at San Fernando. Emile Pozo and Mr. Peck was named as a committe to outline a program for the outing which will probably be held late in the summer or early in September.

What Will Happen When The Building Boom Ends?

"That gang gives me the Willies," growled the old contractor, sinking into his favorite easy chair at the Boston Master Builders. "Hear 'em celebrating the agreement they've just signed with the Building Trades' Council. Two year contract, with higher wages all 'round. They'll celebrate to a different tune before long."

"Isn't peace in the building industry cause for jubilation?" asked the human interrogation point.

"Peace, h—l!" grunted the old timer. "Gimme a match. This cigar's gone out again. Thanks.

"It isn't even a real peace," he continued, after the cigar had again been induced to ignite. "Look at the papers, and at the bunch of idiots, and you'd think that every union man in town was lined up solid behind the Council, but there's nothing to it. The carpenters, 'n the masons, 'n the plasterers, 'n the lathers won't play the Council's game for a minute, and those craftsmen form a pretty fair chunk of all union labor in the city."

"But those trades will sign new contracts within a couple of days," interposed a young builder who had overheard the conservation.

Many a Project Called Off

"Sure they will," spluttered the old man, "because you will give them all they ask for. The trouble with you fellows is that you think there's only two parties to the building game, the contractor and the laborer. I'm here to tell you that you're overlooking the most important man in the bunch, the chap that puts up the 'dough.'

"That's already put up," laughed the youngster. "Look at the tremendous program that's outlined for 1923. We never saw anything like it."

"You're right you didn't," snapped the old builder. "And you stand a durned good chance of not seeing as much as you expect this year. Lots of plans are being put back in the cubby holes, waiting for lower prices. You know what happened to that fifteen million dollar hotel in Chicago. And to the new Reserve Bank building down to Little Rock.

"I suppose you think because those buildings I just mentioned are miles away that it does not affect us here in Boston. That's where you're fooled, badly fooled. Did you know that a firm in this city is making a list of the buildings that have been planned for 1923 construction, but which have been held off until prices get back to normal? The figures aren't available yet, but they'll make your eyes stick out when you see them."

"That's all right, you old wet blanket," grinned his young friend. "But how about the buildings that are already started. They make a pretty good showing, right now."

"When you fellows learn to see beyond your nose, I won't have to do so much explaining," sighed the old man. "Have you ever stopped to think what kind of buildings are going up? New homes for banks, and insurance companies, and every cent put into these buildings means just so much less available capital to finance some other structure. Taxes have got so dummed high that it is cheaper for those people to build than it is to pay state and government levies on the money. Gimme a match. Thanks.

"Boston is going to put up a lot of buildings," he went on, "but it's all investment stuff. No houses and few apartments. There is an old speculative builder in this city, a chap who has been in the game for years. The best he could do, and he knows how to shave a corner as well as the next man, he lost $2,500 in 1922. He is through, at least until prices come down.

Buy Old Homes Instead of Build

"Of course, there are a lot more ready to step in and take a chance. One of 'em born every minute, same as ever. But the wise ones are getting out. Even the buyers are getting wise. There's a big firm near here. I won't mention any names, but you can guess if you like, that has a fund if loans to its employes to build houses for themselves. The head of the firm used to be in the building game, and he did everything he could to encourage his men to build for themselves. He has just been looking over his recent loans, and has found that about 90 per cent of his employes have used the fund to buy houses that somebody else had built. When they buy something for $5,000, they know what it will cost them. When they try to build a $5,000 house, Heaven alone knows what it will cost before it is finished."

"But prices can't go down until the shortage of labor is overcome," said the young builder.

"They can't, can't they?" retorted the speaker. "Perhaps they can't, but I think differently. A union scale is a lovely thing, but it cannot hold out long against an empty stomach. Just wait until the building boom flattens out, and you'll see men only too anxious to lay bricks, spread plaster, or do anything else for barely enough to make a living. YOU won't get the job, Oh no, for you are tied up in a two year agreement, but there's nothing to hinder an outsider coming in and taking work at any figure he can get.

The Contractor Who Will be in Clover

"Suppose I want to build a house and have just $5,000 to spend. I go to some contractor who isn't tied up to an agreement with the local labor magnates, and tell him what I want and what I can pay. He goes down to union headquarters, tells the men that he can go ahead if they will agree to work for about half the scale, but that if they stick for $10 or $12 a day there will be no work at all. If they are hungry, what will they say? Hey? Gimme a match. Thanks.

"Why, I've seen the time, right in this town, when bricklayers followed a load of bricks up the street so as to get the chance to lay them for $1.50 a day. Too little? Of course it was. Just as much too little as the present scale is too high. Wait a second, I've got something here I want to show you."

He walked over to his desk, rummaged around in the bottom drawer, and then returned, waving a sheet of paper like a conqueror. "Just look at this," he exulted. "There's facts."

We all looked, almost in awe. The table looked simple enough, just a few columns of figures, with the authoritative name of Prof. Irving Fisher signed at the bottom. It showed the value of the dollar, based on its buying power in 1913, at a time when we merely thought prices were high. Assuming that it was worth 100 cents in 1913, it reached its lowest value in May, 1922, when it would buy just 40 cents worth. In January, 1923, it was worth 72.5 cents, and since that date it has been steadily deteriorating, until at present you can get only 60 cents worth of goods for your dollar.

Men Will Accept Less Than Scale

"See what that means," chuckled the old timer. "Don't you get the idea, into your head that the public doesn't know that it's dollar is shrinking. When it shrinks about so far, they'll start a strike, and it will be a real one this time. No nice little overall parades, like we enjoyed in 1921."

"Will labor take a cut when the crash comes," asked the younger man, much more respectfuly than he had spoken when he butted into the discussion.

"Search me," answered the old fellow. "Probably not, at least in the open. But union men will work at less than union rates, the same as they did in the shopman's strike. Not in their own cities, not at all. But if Boise, Idaho, shopmen would work as strikebreakers in Portland, Oregon, shops, and Salt Lake City Utah, men, good union men, would go to Denver and do the same thing, why won't Fall River bricklayers and Boston masons sort of swap jobs in the same way when the pinch comes.

"When it is coming? I don't know. Wish I did. But one thing is sure. You fellows keep on granting increased wages, and the material men keep on hoisting prices away out of sight, and the crash will come much sooner than any of us think. In fact, I'm none too sure it hasn't started now. Gimme a match. Thanks. — (American Contractor.

SACRAMENTO FILTRATION PLANT HALF COMPLETED

Geo. J. Calder, resident engineer on the Sacramento Filtration project announces that 50 per cent of the filtered portion of that plant has been completed. The work is being doneby the Mathews Construction Company of Sacramento.

The contract calls for the work to be completed at an expenditure of $771,957. The progress payment for April is $33,353, bringing the amount paid out on the contract up to $385,601.

Data on the filtered portions of the contract, the complete costs and the per cent completed, follow:

Sendimentation basin, $218,825, 66 per cent; sedimentation basin equipment, $48,461, 35.2 per cent; head house and filter structures, $140,100, 52 per cent; equipment head house and filters, $92,756, 51.5 per cent; sump, $18,758, 98.5 per cent; coagulant building, $49,615, 42 per cent; coagulant building equipment, $47,951, 41.2 per cent; outside piping, $25,472, 65 per cent; outside wiring, $14,100, 28.3 per cent; general fill, $82,750, 27.6 per cent; grading, $12,380, and roads and walks, $20,796, none of which has been completed.

ENGINEERS INSTALL OFFICERS

The Kern County Engineers' Club, with headquarters at Bakersfield, has installed the following officers: Arlington M. Smith, president; F. S. Wheeler, first vice-president; A. O. Kommers, second vice-president; E. T. Langdale, third vice-president; C. K. Badger, four vice-president; F. A. Bartlett, secretary and E. Lissner, treasurer.

STRUCTURAL IRONWORK, NOT MADE IN STEEL WORKS OR ROLLING MILLS, IN 1921

The Department of Commerce announces that, according to reports made to the Bureau of the Census, the value of products of establishments engaged primarily in the fabrication of structural ironwork amounted to $250,085,000 in 1921, as compared with $294,963,000 in 1919 and $159,378,000 in 1914—a decrease of 15 per cent from 1919 to 1921, but an increase of 57 per cent for the seven-year period, 1914 to 1921.

In addition, steel works and rolling mills reported 123,800 tons of fabricated structural steel, valued at $13,673,000, in 1921, as compared with 102,199 tons, valued at $10,158,000, in 1919; also, establishments classified in other industries reported as subsidiary products structural ironwork to the value of $5,191,000 in 1921 and $7,007,000 in 1919.

Of the 1,022 establishments reporting products valued at $5,000 and over in 1921, 829, or a little over 80 per cent of the total number, were located in 10 states, as follows:—245 in New York; 122 in Pennsylvania; 100 in Illinois; 94 in Ohio; 69 in New Jersey; 60 in California; 54 in Massachusetts; 32 each in Michigan and Missouri; and 21 in Wisconsin.

Pennsylvania ranked first in the industry in 1921, the establishments in that state reporting 28 per cent of the total value of products; those in Ohio reported 13 per cent; New York, 11 per cent; and Illinois, 9.6 per cent.

In January, the month of maximum employment, 38,290 wage earners were reported, and in December, the month of minimum employment, 30,527—the minimum representing 80 per cent of the maximum. The average number employed during the year was 32,897, as compared with 43,962 in 1919 and 47,167 in 1914.

USE OF ELECTRICITY GROWS

The average use of electricity per capita in Chicago has jumped from approximately 2 kilowatt hours in 1890, to 699 kilowatt hours in 1922, according to statistical data just completed by the Commonwealth Edison company, which furnishes Chicago with its electricity.

The report states that the connecting lighting and power load at the end of 1922 was 1,553,890 kilowatts, or the equivalent of 31,077,813 incandescent lamps of 50 watts each. This compares with a connected load of the equvalent of 21,560 lamps in 1889.

The number of customers increased 73,321 during 1922, making a total of 610,303. The company's announcement states that "this increase alone is equal to the total number of families and industries using electricity in the state of Arkansas, or sufficient to provide a supply to a city of about 330,000 population, such as Indianapolis or Kansas City."

To generate electricity demanded by customers, the company used 2,416,131 tons of coal in 1922. Through efficient use of coal, the amount used last ear was 120,000 tons less than that sed in 1921.

The announcement adds: "The company holds the distinction of never having raised its rates, this being true even during the difficult war period when there was an increase in prices of all commodities, except electricity.

As indicating what has occurred relative to the customers' light bill, in 1905 a dollar would purchase about 3000 candle hours of light. In 1922 it would buy 18,000 candle hours. Between 1905 and 1922 lamp efficiency increased 216 per cent, the rate decreased 56 per cent, and the total increase for a dollar was 665 per cent."

Douglas Woodhams Company Handling "Ligni-Salvor" in Pacific Coast District

"Ligni-Salvor," Best Wood Preserver, is now handled on the Pacific Coast, British Columbia and Alaska by Douglas Woodhams and Company with offices at 24 California street, San Francisco.

In an interview with a representative of the Daily Pacific Builder, a member of the Douglas Woodhams' sales staff commented upon the merits of the product, as follows:

"Ligni-Salvor" has long been recognized in the East as a standard material of merit on account of its wood preserving qualities and such well-known buildings as the New York Public Library on Fifth Avenue, Rockefeller Hall, Cornell University, the Adirondack League Club, the residences of the Roosevelt families, and Andrew Carnegie's famous New York home, have been treated with this material exclusively. Eastern Railroad companies have used "Ligni-Salvor" very largely for their depots, and architects have largely specified this material for churches. The Germans were quick to recognize the merits of "Ligni-Salvor," which was used exclusively on the Kiel Canal, and the Chief Engineer had all the wood work used in the canal locks, braces, steps and platforms treated with this wood preserver. They are still using this material with satisfactory results.

"Ligni-Salvor" contains about 60% Crude Carbolic Acid which has antiseptic properties of the highest value, and this material can be applied easily by anyone on new or old woodwork.

It comes in one color only—a beautiful bright chestnut. It is applied as it comes in the original packages and must not be diluted or cut down with any other substance, however, lamp black can be added for the mere darkening of the color for places much exposed to the weather.

As a damp-proof, "Ligni-Salvor" cannot be excelled. It will prove of great value to ship and dock builders, on hulls of ships, for harbor construction, for the floors of canneries, and for the rancher and contractor. To the owner of stables, as a disinfectant of infested barns against wood worm, and as a preventative of chewing of wood by horses, and to keep vermin from chicken houses it will prove unrivalled. A wax finish may be obtained by applying three coats and rubbing down with any soft material."

Floor Loads In Office Buildings

During the latter part of last year a detailed investigation was made of live loads on several floors of the Equitable building, New York City, probably the largest office building in the world. The study was made at the request of the Building Code Committee of the U. S. Chamber of Commerce.

The report of the study made at the Equitable building is abstracted as follows in the American Machinist:

The objects were to determined the maximum, minimum and average floor loads existing in actual office practice; the nature and distribution of such loads; and the relations which they should bear to the assumptions for design of floor slabs, floor beams and columns as governed by prevailing code practice. With this in mind it was necessary to determine the actual weights of office furniture and merchandise, also its location with reference to partitions and floor beams.

Three floors were selected, representing light, medium and heavy classes of occupancy, and the entire area of these floors was surveyed. A force of five men equipped with platform scales and field book spent several days weighing and tabulating every article of furniture within the areas mentioned.

Sketches were prepared of each office, showing the location and weights of all articles of furniture, so that the distribution of loads could be quite closely determined. The results form a most interesting and valuable collection of data:

MAXIMUM, MINIMUM AND AVERAGE LIVE LOADS IN EQUITABLE BUILDING

	No. of offices.	Maximum lb. sq. ft.	Minimum lb. sq. ft.	Average lb. sq. ft.
Light occupancy floor (20th)	67	55.4	0.87	10.26
Medium occupancy floor (37th)	64	30.73	3.27	10.67
Heavy occupancy floor (11th)	62	33.84	6.00	13.96
Total and average	193			11.6

Price Index of Building Costs

An unprecedented volume of building permits issued indicates a continued building boom notwithstanding the market rise in the cost of building materials. The Bureau of Labor price index indicates that wholesale building costs average 88 per cent above the 1913 level, while commodity prices average 57 per cent higher. The prise index of all building materials for February, 1923, is given as 192.0. The Bureau's index on which the conclusion is based is as follows:

	Peak	Reached	1922 Oct.	1922 Dec.	1923 Jan.
All building materials	299.7	April, 1920	183.4	184.7	188.0
Portland cement	192.9	Sept., 1920	173.1	171.2	158.3
Bars, reinforced, Pittsburg	327.1	July, 1917	154.5	150.8	145.4
Structural steel, Pittsburg	331.0	June, 1917	140.7	132.4	132.4
Douglas fir, No. 1	407.3	Jan., 1920	211.8	211.8	211.8
Hemlock, No. 1	382.1	Mar., 1920	177.8	177.8	177.8
Lath, yellow pine	582.0	Feb., 1920	202.0	176.3	172.0
Yellow pine flooring	455.3	Feb., 1920	216.4	215.7	220.4
Window glass	295.2	Aug., 1918	156.2	162.7	162.7
Linseed oil, New York	480.4	Aug., 1919	190.4	191.7	191.5

Notwithstanding the increased cost, there is every indication that the value of building construction in the United States during the current year will exceed that for the preceding year by at least a billion dollars.

Building News Section

APARTMENTS

To Be Done By Day's Work.
APARTMENTS Cost, $35,000
SAN FRANCISCO, NE Polk and Lombard.
Three-story and basement frame (12) apartments.
Owner—Chas. A. Johnson, 36 Steiner St., San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.

Plans Being Figured.
APARTMENTS Cost, $27,000
SAN FRANCISCO, N Grove E Clayton.
Three-story and basement frame and stucco apartment house (6 4-room apartments).
Owner—P. J. Phelan.
Architect—A. H. Knoll, Hearst Bldg., San Francisco.

APT. BLDG. Cost, $25,000
SAN FRANCISCO, 16th St. near Howard
Three-story and basement frame and stucco apt. bldg.
Owner—J. O'Keefe.
Architect—Shea & Shea, Chronicle Bldg San Francisco.

Steel Contract Awarded.
APT. BLDG. Cost, $100,000
SAN FRANCISCO, E Taylor 72 S Ellis.
Six-story and basement reinforced concrete and steel apt. bldg.
Owner—D. S. Clinton.
Architect—A. H. Knoll, Hearst Bldg., San Francisco.
Steel contract awarded to Schrader Iron Works, 1247 Harrison St.
Other contracts will be awarded this week.

Sketches Prepared.
APARTMENT-HOTEL Cost, $500,000
SAN FRANCISCO, NW Taylor and O'Farrell Sts., 62x112-6.
12-story and basement class A apartment-hotel.
Owner—Matthew A. Little.
Architect—E. E. Young, 2002 California St., San Francisco.

Segregated Figures Being Taken.
APT. BLDG. Cost, $250,000
SAN FRANCISCO, NE Pacific Ave. & Gough.
Eight-story and basement class A apt. bldg., 18 7-room apts. (3 bathrooms to each apt.)
Owner—G. W. Burnett, 815 O'Farrell St., San Francisco.
Architect—Edw. E. Young, 2002 California St., S. F.
Engineer—H. J. Brunnier, Sharon Bldg. San Francisco.

Figures to be Taken End of This Week.
APARTMENTS Cost, $30,000
SAN FRANCISCO. Octavia and Vallejo Streets.
Two-story frame residential apartments, 50x137-6 (3 apts.)
Owner—A. Nardini.
Architect—John H. Powers and John H. Ahnden, 460 Montgomery St., San Francisco.

To be Done by Day's Work.
APARTMENTS Cost, $40,000
SAN FRANCISCO. N Washington 137-6 W Jones Street.
Three-story and basement frame (15) apartments.
Owner—W. Prop, 965 Hyde St., San Francisco.
Architect—H. C. Baumann and Edw. Jose, 251 Kearny St., S. F.

Sub-Figures Being Taken.
APARTMENTS Cost, $100,000
SAN FRANCISCO. NE Leavenworth and O'Farrell Sts.
Six-story and basement concrete apartment building (50 apts.)
Owner—Adolph Stock, 919 Sutter St., San Francisco.
Architect—H. C. Baumann and Edw. Jose, 251 Kearny St., San Francisco

Bids Opened—Plans To Be Revised.
APT. BLDG. Cost, $95,000
SAN FRANCISCO, E Leavenworth St., bet. Sutter and Post.
Six-story clas C reinforced concrete apt. building (36 2-room apts.)
Owner—Dr. F. R. Orella, 326 Geary St., San Francisco.
Architect—O'Brien Bros., 315 Montgomery St., San Francisco.
Bids are being taken for a general contract except painting and glass.

SAN FRANCISCO—See "Churches," this issue.

RENO, Nevada—Mrs. Mary Stratford has purchased old Presbyterian Church property on Ridge St., bet. Hill and Flint Sts., and plans to remove the church building and erect a modern apartment house.

SEATTLE, Wash.—Mrs. A. W. Phillips, 1703 Hoge Bldg., Seattle, will erect a 3-story brick veneer apartment house at 331 Bellevue Ave., est. cost $130,000. Will contain 2 and 3 room apts. Gardner Gwinn, 1703 Hoge Bldg., Seattle, prepared the plans and has the contract to erect.

SAN PEDRO, L. A. Co., Cal.—Joseph H. Roberts, 213 Marine Bank Bldg., Long Beach, is preparing plans for a 3-story and basement frame apt. bldg. to be erected in San Pedro for William Gardiner. Twenty-one single & double apts. Basement will contain laundry, incinerator, drying rm., hot water system, janitors apts., trunk rm. Stucco exter., comp. rf., marble and tile entrance, fire escapes, hardwood floors, intercommunicating telephones, dis. beds, gas rads.

BONDS

FRESNO, Fresno Co., Cal.—Election will be held May 29 in Los Detas School District to vote bonds of $14,000 to finance construction of new school. Trustees of district are: W. M. Dyer, J. E. Owens and J. E. Sporelein.

STOCKTON, San Joaquin Co., Cal.—The election held on May 8th to vote additional bonds of $200,000 to finance construction of municipal auditorium as originally planned by the City Architectural Commission, composed of: Louis S. Stone, Glenn Allen and W. J. Wright, 41 S Sutter St., Stockton, failed to carry.
Bids recently opened for this structure were rejected as being in excess of the amount available for construction.

BEND, Ore.—Election will be held May 19 to vote bonds of $188,000 to finance construction of new high school.

C. H. BROWN
Plaster Contractor
220 S. TWELFTH ST.
Richmond, California
PHONE RICHMOND 1035

SAN JOSE, Santa Clara Co., Cal.—Until June 4 bids will be rec. by county supervisors for purchase of $22,000 bond issue of Hester School District; proceeds of sale to finance school improvements.

BURLINGAME, San Mateo Co., Cal.—Election will be held May 25 in Burlingame Grammar School District to vote bonds of $75,000 to finance school improvements. Trustees are: F. H. Thrall, Rufus H. Kimball, Elizabeth Vickerson. The architect has not been selected.

PLACERVILLE, El Dorado Co., Cal.—High School Trustees will call election for June 2nd to vote bonds to finance construction of new high school. Former contract with Geo C. Sellon & Co., architects, Mitau Bldg., Sacramento, to prepare preliminary plans for proposed structure, has been cancelled. Amount to be voted not yet set.

TURLOCK, Stanislaus Co., Cal.—Election will be held May 12 in Keyes School District to vote bonds of $24,000 to finance construction of new school. Trustees are: Chas. H. Austin, W. A. Oberkamper and Frank E. Smith.

MERCED, Merced Co., Cal.—Merced Union High School District on June 2 will decide question of issuing bonds of $200,000 to finance construction of High school at Livingston.

MODESTO, Stanislaus Co., Cal.—Bonds of $12,000 voted at recent election in Mt. View School District to finance 1-classroom addition and auditorium for present school.

SAN BERNARDINO, Cal.—Governor of California has signed a bill legalizing the $140,000 school bond issue voted January 30.

SAN JOSE, Santa Clara Co, Cal—Burbank School District votes bonds of $11,000 to finance construction of 4-classroom addition to present school.

SANTA ANA, Cal.—Until 11 A. M., May 15, bids will be received by county supervisors for the 150,000 Santa Ana school bond issue.

PASADENA, Cal.—Architect G. A. Howard Jr., 820 Story Bldg., Los Angeles, is taking figures for a new church building to be erected at Pasadena for the Second Church of Christ, Scientist. Dimensions, 85x120 ft., hollow tile construction, plaster exterior, clay tile roofing, pine trim; $40,000.

CHURCHES

Contract Awarded.
CHURCH, ETC. Cost, $44,777
SAN FRANCISCO, Fourteenth and Belcher Streets.
Three-story frame and stucco church, parsonage and 10 apartments for girls.
Owner—Norweglan-Danish Mission.
Architect—W. J. Wythe, Central Bank Bldg., Oakland.
Contractor—Joel Johnson, 180 Jessie St., San Francisco.
Contract does not include heating and wall beds. Other bidders were: John Morton, $45,568; S. Stephenson, $49,000; Louis Hinson, $52,578; W. J. Force, $54,534; Robert Trost, $67,350.

ALAMEDA, Alameda Co., Cal.—Santa Clara Avenue Methodist Episcopal Church, Rev B. Franklin Ray, Pastor, will appoint building committee to raise funds to finance construction of new edifice.

YUBA CITY, Sutter Co., Cal.—First Baptist Church, Rev. D. J. Weddle, pastor, has appointed building committee to select site on which it is proposed to erect new edifice.

FRESNO, Cal.—Trewhitt & Shields, Rowell Bldg., Fresno, have contract and have started work on $75,000 synagogue building at N and Calaveras Sts., for Temple Beth Israel. Furnishings, etc., will probably cost about $15,000. R. B. Hotchkin, Rowell Bldg., Fresno, is the architect. Leon Rosenberg, president of trustees. Building committee consists of Herbert Levy, S. B. Goodman, D. L. Newman, Louis Slater and Ben Tyre.

TAFT, Kern Co., Cal.—Pentacostal Church, in future to be known as the Four Square Mission Gospel, will erect a new edifice in Asher Ave., bet. Crystal and Wood Sts. Preliminary plans for the structure are being made. R. T. Fortune is secretary of the Board of Trustees.

FACTORIES & WAREHOUSES

Contractor Taking Sub-Figures.
STORAGE PLANT Cost, $50,000
STOCKTON, San Joaquin Co., Center and Taylor Sts.
Reconstruct cold storage plant.
Owner—National Ice & Cold Storage Co.
Architect & Contractor—Davis-Heller-Pearce Co., Stockton.

Segregated Figures Being Taken—Steel Bids In.
ADDITION Cost, $75,000
SAN FRANCISCO, No. 638 Sacramento Street.
Three-story and basement Class A reinforced concrete loft building addition 22-6x119-6, also remove brick wall, install 1 passenger elevator, etc.
Owner — Mergenthaler Linotype Co., Premises.
Architect—A. A. Cantin, Foxcroft Bldg., San Francisco.

Bids to be Called For in About a Week.
STORAGE BLDG. Cost, $100,000
SAN FRANCISCO, NE Geary & Emerson Sts.
Seven-story reinforced concrete storage building.
Owner—Bekins Fireproof Storage Co., 13th and Mission Sts., San Francisco.
Engineer—Edw. T. Flaherty, I. W. Hellman Bldg., Los Angeles (deceased).
Mr. Bekin has not decided whether he will take bids for a general contract or segregated contracts.

Plans Being Prepared.
LOFT Cost, $14,000
SAN FRANCISCO, Corner Bryant St. & Center Place bet. 2nd and 3rd Sts., 25 by 80.
Two-story and mezzanine floor reinf. concrete loft building.
Owner—Smith O'Brien and C. B. Hobson.
Architect—Smith O'Brien, 742 Market St., San Francisco.

Contract Awarded.
WAREHOUSE Cost, $175,000
OAKLAND, Alameda Co., Cal. NE Adeline and Twenty-second Sts.
Three-story reinforced concrete mill constructed warehouse (160x240).
Owner—John Breuner Co.
Architect—Reed & Corlett, Oakland Bk. of Savings Bldg., Oakland.
Contractor—P. J. Walker Co., Sharon Bldg., San Francisco.

General Contract Awarded.
FACTORY. Cost $90,000
SAN FRANCISCO, N 16th St., bet. Harrison and Alabama Sts.
Two-story brick and steel factory.
Owner—Richard Helmann, Inc., 576 Mills Bldg., San Francisco.
Engineer — John K. Turton Co., 101 Park Ave., New York.
Supervising Engineer — A. Torliggino, Mills Bldg., San Francisco.
General contract awarded to Nelis Larsen, Monadnock Bldg., San Francisco.
The plumbing, electrical and heating bids are still under advisement.

Contractor Taking Sub-figures.
BUILDING Cost, $22,000
EMERYVILLE, Alameda Co., 63d and Doyle Sts. 1-story and mez. floor class "C" laundry bldg.
Owner—Pioneer Laundry Co.
Engineer—R. Vane Woods, 505 17th St., Oakland.
Contractor—H. J. Christensen, 505 17th St., Oakland.

Segregated Figures Being Taken.
WHOLESALE BLDG. Cost—
SAN FRANCISCO, Mission, Ecker and Jessie Streets.
Five-story and basement reinforced concrete store and wholesale bldg.
Owner—Miss Lucy H. and Miss Edith W. Allyne.
Architect—Reid Bros., 105 Montgomery St., San Francisco.
As reported the concrete work is being done by John Spargo, Russ Bldg., at $92,976.

Plans Being Prepared.
LOFT BUILDING Cost, $45,000
SAN FRANCISCO, SE Bryant and Decatur Sts. Four-story and basement concrete loft building.
Owner—Louis R. Lurie, 315 Montgomery St., San Francisco.
Architect—O'Brien Bros., 315 Montgomery St., San Francisco.

Plans Being Prepared.
SERVICE BLDGS. Cost, $41,300
SAN RAFAEL, Marin Co., Cal.
Group of one-story frame and plaster service buildings (warehouse, garage, meter shop, paint shop, etc.)
Owner—Pacific Gas & Electric Co., 445 Sutter St., San Francisco.
Architect—Eng. Dept. of Owner.

Contractor Taking Sub-figures.
FACTORY Cost, $60,000
EMERYVILLE, Alameda Co., 45th and Hollis. One-story mill constructed factory, 120x256.
Owner—J. R. Watkins.
Engineer—R. Vane Woods, 505 17th St., Oakland.
Contractor—H. J. Christensen, 505 17th St., Oakland.

To Mother, tho' I'm far away,
My thoughts are wandering back today.
Back to my childhood's home and you.
My first, best friend, one always true.

NEXT SUNDAY is Mother's Day.
AND IF you are so fortunate.
AS TO have a mother.
SHOWER HER with attention.
REMEMBER SHE loves attention.
SHE LOVES you.
DON'T WAIT till she has gone.
THEN PLACE beautiful flowers.
ON HER casket.
GIVE HER the flowers now.
LET HER enjoy them.
SHE CAN'T see them on the casket.
YES, I know.
SHE IS a little old fashioned.
IT IS a little inconvenient.
TO TAKE her next Sunday.
IN THE auto picnic party.
OR PERHAPS the ball game.
OR A game of golf.
IS MUCH more fun.
BUT DO you stop to think.
THAT SHE will not be here always.
YOU HAVE forgotten.
THAT WHEN you were a child.
SHE SACRIFICED day after day.
FOR YOU and your pleasure.
LET YOUR conscience.
BE ABLE to say.

WHEN SHE has passed on.
THAT YOU did your duty.
TOWARD YOUR best friend.
HAVE YOU planned on whom.
AND HOW you.
ARE TO be cared for.
WHEN YOU grow old.
YOU KNOW, if you never give.
YOU NEVER receive.
AND YOUR children will say.
PAPA AND Mamma didn't bother.
ABOUT GRANDMA.
WHEN SHE was here.
IF YOUR mother is away from you.
PHONE, WIRE, or write to her.
SEE THAT she hears from you.
ON MOTHER'S Day, Sunday next.
YOUR ATTENTION is better.
THAN RICHES or everything.
IN THIS whole world.
THESE ARE the sentiments.
OF CLARENCE Sand Pratt, President.
OF THE Pratt Building Material Co.
DOUGLAS 300—"easy to remember."
PRODUCER OF clean, sharp sand.
FOR LOCOMOTIVES and concrete.
SAND BLASTING and plastering.
"I THANK you."

Out in Life's garden, where sympathy grew
God planted a soul—'twas the soul o'you.
Life's wonderful garden, Love, se 'ding went through,
Till he found a heart—'twas the h art o'you.
I have sought through Life's garden of roses and rue,
And I find one sweet blossom all jeweled with dew—
Love, Sympathy, Faith—all unchanging and true—
Are the heart of my flower—dear Mother, 'tis you.

Contractor Taking Sub-figures.
FACTORY Cost, $15,000
OAKLAND, 40th and Opal Sts. One-story brick factory.
Owner—Peerless Potato Chip Co.
Engineer—R. Vane Woods, 505 17th St., Oakland.
Contractor—H. J. Christensen & S. McPherson, 505 17th St., Oakland.

Permit Applied For.
BUILDING Cost, $100,000
SAN FRANCISCO, NE Geary and Emerson Sts. Seven-story reinf. concrete storage bldg.
Owner—Bekins Fireproof Storage Co., 13th and Mission Sts., San Francisco.
Engineer—Edw. T. Flaherty, I. W. Hellman Bldg., Los Angeles.

Plans Being Prepared.
FRAME PLANT Cost, $6500
SAN FRANCISCO, 14th St., near Howard.
1-story frame dying & cletaning plant.
Owner—Withheld.
Architect—O'Brien Bros., 315 Montgomery St., San Francisco.

ZAMORA, Yolo Co., Cal.—Wm. E. Underwood and J. G. Motroni, Woodland, at approx. $14,000 awarded contract by Harry E. Curtis to erect 150 by 120 ft. galv. iron granary warehouse. The latter contractor will do the concrete work.

LOS ANGELES, Cal.—Archt. Albert C. Martin, 430 Higgins Bldg., has completed plans and is taking bids for erecting a four-story and basement Class A warehouse at Grand Ave. and 35th St. for the May Corp. Dimensions, 200x250 ft., reinf. concr. constr., flat slab system, comp. rfg., stucco exter., steel sash, 4 electric elevators, steel rolling and metal covered doors; $400,000.

MANTECA, San Joaquin Co., Cal.—J. C. Jensen, director of Milk Producers' Ass'n. of Central California with headquarters at 510 Ninth St., Modesto, advises Manteca Chamber of Commerce that arrangements have been completed and construction will be started shortly in that city on a $110,000 skimmed milk plant.

TACOMA, Wash.—Termintl Lumber & Milling Co., Tacoma, is negotiating for purchase of 30-acre site on which it is proposed to erect re-sawing and remanufacturing plant to serve inland sawmills.

LOS ANGELES, Cal.—V. P. Gilbert, 705 Citizens Nat. Bank Bldg., has the contract to erect a brick warehouse at 2432-80 Hunter St., for Cole Bixby Invest. Co. One-story 480x140 ft. press. brick facing, comp. rfg., cement fls., wood rf. constr., metal skylights, wire and plate glass, steel sash, folding doors, cement brick trim; $60,000.

SAN LEANDRO, Alameda Co., Cal.—C. L. Best Tractor Co. has appropriated $50,000 to install sprinkler system at the San Leandro plant.

LOS ANGELES, Cal.—Archt. John M. Cooper, 320 Marsh-Strong bldg., is preparing plans for the first unit of the class A warehouse to be erected on McGarry St., bet. 8th and 9th Sts., for Ray H. Arnold. It will be 5-story 135x220 ft., reinf. conc. constr., plas. exter., comp. rfg., steel sash, metal skylights, springling system, steel rolling doors, 4 freight elevators; $400,000.

FLATS

Sub-Figures Being Taken.
FLAT BLDGS Cost, $12,000 ea
SAN FRANCISCO, N Ellis 137-6 & 162-6 W Pierce.
Two 2-story and basement frame flat bldgs. (4 flats each).
Owner—C. O. Clausen, Hearst Bldg., San Francisco.
Architect—C. O. Clausen, Hearst Bldg., San Francisco.

Contract Awarded On a Percentage Basis.
FLATS Cost, $17,000
SAN FRANCISCO, W Divisadero St. S Greenwich St.
Two-story frame and stucco residential flats (6 and 7 room flats).
Owner—Dr. John D. Milliken.
Architect—Arthur S. Bugbee, 26 Montgomery St., San Francisco.
Contractor — Cameron & Disston, Hearst Bldg., San Francisco

GARAGES

Plans Being Figured.
ADDITION Cost, $15,000
SAN FRANCISCO, N Fell St. W Gough. One-story brick addition to garage.
Owner—Comstock et al.
Architect — O'Brien Bros., 315 Montgomery St., San Francisco.

Plans Being Prepared.
GARAGE Cost, $20,000
ALAMEDA, Alameda Co., Cal.
One-story brick public garage.
Owner—Withheld.
Architect—A. A. Cantin, 68 Post St., San Francisco.

GOVERNMENT WORK AND SUPPLIES

Plans Being Figured—Bids Close June 14, 1923, 12 M.
REMODELING Cost—
LOS ANGELES, Cal., U. S. Courthouse. Remodelling for Internal Revenue Bureau, etc. in courthouse.
Owner—U. S. Government.
Plans by owner.
Bids will be opened at Room 402 U. S. Post Office Bldg. 7th and Mission St., S. F., by Wm. Arthur Newman, Superintendent. **See call for blds under official proposals.**

LIVERMORE, Alameda Co., Cal.—U. S. Senator Samuel Shortridge has wired E. W. Shaw, Secretary of the Alameda County Builders' Exchange, that "Director Hines of the Veterans' Bureau, assures me that new plans for Livermore Hospital are being prepared and that it will positively be built. I understand, unofficially, that cottage plan is to be followed and that hospital will have capacity of 250 beds."
NOTE:—Construction of all veteran hospital projects has been turned over to the Construction Department of the Quartermaster General at Washington, D. C.

SAN DIEGO, Cal.—A. C. Rice, 1963 Santee St., Los Angeles, at $4,650, time to complete 105 days, awarded cont. by Bur. of Yards and Docks, Navy Dept., for exterior lighting at San Diego. Item 2 accepted.

DENVER, Colo.—Until June 5, bids will be rec. by U. S. Reclamation Service for fur. 2 2-ft. 6-in. by 3-ft. 6-in. emergency gates for Hubbart dam, Flathead project, Montana. Further information or request to above.

DENVER, Colo.—Ogden Iron Works, Ogden, Utah, at $16,493 awarded cont. by U. S. Reclamation Service for fur. approx. 190,000 lbs. metal work for the Yakima storage project, under bids opened March 26.

JOOST BROTHERS
Builders' Hardware
Tools, Etc.
(Members Builders' Exchange)
1053 MARKET ST.
Phone Market 891 San Francisco

DENVER, Colo.—Following awards made by U. S. Reclamation Service for fur. misc. electrical apparatus, under bids opened March 12: Westinghouse Electric & Mfg. Co., Washington, generators, $8,020; Kuhlman Electric Co., transformers, $4,652 and $246; General Electric Co., Schenectady, N. Y., switching apparatus, $2,213; lightning arrester, $1,287.

WASHINGTON, D. C.—Bids are being rec. by Bur. of Supplies & Accounts, Navy Dept., for fur materials to Navy Yards; date for opening bids as noted at end of each paragraph:
Schedule 763, for Mare Island, 5,000 bath brick, opening of May 22.
Schedule 764, for Mare Island, 1,400 sq. ft. vici kid leather, opening of May 22.
Schedule 766, for Mare Island, 500 sq. ft. upholstery leather and 2,000 lbs. rigging leather, opening of May 22.
Schedule 768, for Mare Island, 4 battery deck covers, opening of May 22.
Schedule 777, for various eastern and western yards, 2,400 sets charges for fire extinguishers and 5,300 quarts fire extinguishing liquid, opening of May 29.
Schedule 780, for various eastern and western yards, 63 meat grinders, opening of May 29.
Schedule 782, for various eastern and western yards, 48 electric drills and 7 electric grinders, opening of May 29
Schedule 790, for Mare Island and Puget Sound, 22,000 pounds spun oakum, opening of May 29.
Schedule 796, for various eastern and western yards, 5,500 pounds acetone, opening of May 15.

DENVER, Colo.—Ogden Iron Works, Ogden, Utah, at $15,345 awarded cont. by U. S. Reclamation Service for fur. c. i. pier plates, c. i. siphons, steel racks and other metal work for Yakima Storage Project, Washington. Other bids: The Stearns-Roger Mfg. Co., Denver, Colo., $15,245.25; The Vulcan Iron Works, Denver, Colo., $15,518.11; Steacy-Schmidt Mfg. Co., York, Pa., $15,295.50; McGann Mfg. Co., York, Pa., $15,835.

DENVER, Colo.—S. Morgan Smith, York, Pa., at $12,400 awarded cont. by U. S. Reclamation Service, for fur. 1 hydraulic turbine, etc., for Riverton project, Wyoming, under bids opened March 13.

FORT MASON, Cal.—The Constructing Quartermaster received the following bids on May 8th, for the construction of a two-story concrete ward bldg. to be erected at the Letterman General Hospital. Bids were taken for a general contract with an alternate for omitting one wing. The lowest general bid was submitted by James Currie, 3120 Balboa, San Francisco. Bids were sent to Washington by radio with a recommendation to award the general contract to bidders.

General Contract
Jas. Currie, $66,382, $15,000 deduct.
Peters Constr Co., $69,900, $9000 deduct.
Mahony Bros., $71,000, $9053 deduct.
Wm. Bruce, $73,600, $12,200 deduct.

Electrical work
(A) with wing, (B) without wing.
Standard Elec. Constr. Co., S. F., (A) $1920, (B) $1500.
Central Elec. Co., (A) $2220, (B) $450.
J. E. Young, (A) $2222, (B) $1688.

Heating
(A) with wing, (B) without wing.
Burnham Plumbing Co., 1220 Webster St., S. F., (A) $2589, (B) $2164.
H. G. Thiele, Call Bldg., (A) $3129, (B) $2316.
Ra-do Gas Heating Co., (A) $2643 bldg. complete.

Plumbing
Burnham Plumbing Co., $6594, without wing $5467.
The Schultz Construction Co. submitted a bid for general work at $57,000 not including the plumbing, heating or electrical work and at $11,187 without wing.

SAN DIEGO, Cal. — Until 11 a. m., June 2, bids will be rec. by U. S. Engineers office, 725 Central Bldg., Los Angeles, for dredging at San Diego harbor, involv. (Area D) 66,000 cu. yds., with allowable overdepth dredging of 9000 cu. yds.; (area E) 379,000 cu. yds., with allowable overdepth dredging of 51,000 cu. yds. Approx. $123,500 is available for this work.

WASHINGTON, D. C.—George Griffiths, 428 Odd Fellows' Bldg., St. Louis, Mo., at $49,987, time 14 months, submits low bid to Supervising Architect, Treasury Department, to construct U. S. postoffice at Vernal, Utah. Pearce Bros., Inc., 220 W 42nd St., New York City, bid $54,133, time 14 months. E. Zimmerli, 151 Cowper St., Palo Alto, Calif., only other bidder at $66,600, time to complete, 14 months.

FORT MASON, Cal.—The following bids were received on May 3rd, by the Office of the Constructing Quartermaster, Fort Mason, for the following structures, to be erected on the U. S. Military Reservation, at Gigling, 9 miles from Salinas, and 13 miles from Monterey: 1 storehouse, 20'x77'; 22 Latrines (Enlisted Men's type); 4 Latrines (Officers' type); 45 Kitchens and Mess Halls; 8 Bathhouses (Enlister Men's type); 2 Bathhouses (Officers' type); 4 watering troughs. Erecting a 200,000 gallon standard redwood tank on foundation, and with roof.

Dean Constr. Co., 162 Pacific Ave., Pacific Grove	$18,073
James Curry, San Francisco	22,162
Schultz Constr. Co., S. F.	22,500
J. O. Todd	23,400
West Coast Constr. Co., S. F.	27,465
Peters Constr. Co., S. F.	28,730
W. T. Wightman, Half Moon Bay	29,850
E. Zimmerlie, Palo Alto	29,900
Wm. Bruce	39,000

FORT MASON, Cal.—The Dean Construction Co., 162 Pacific Ave., Pacific Grove, have been awarded a contract on its bid of $18,073 by the Office of the Constructing Quartermaster, Fort Mason, for the following structures, to be erected on the U. S. Military Reservation, at Gigling, 9 miles from Salinas, and 13 miles from Monterey: 1 storehouse, 20'x77'; 22 Latrines (Enlisted Men's type); 4 Latrines (Officers' type); 45 Kitchens and Mess Halls; 8 Bathhouses (Enlisted Men's type); 2 Bathhouses (Officers' type); 4 watering troughs. Erecting a 200,000 gallon standard redwood tank on foundation, and with roof.

MARE ISLAND, Calif.—The following bids received on May 2nd by the Public Works office for shingling the roofs of eight buildings, designated as "West Barracks" & numbered 342, 344, 346, 348, 350, 352, 356 and 374, all at the U. S. Navy Ward, Mare Island, California, under Drawings and Specification No. 4825.

Eugene Bruce, 475 8th Ave., San Francisco, Prop. (1), $2639.80, (2) add $184.

J. Branagh, Oakland (1) $2765, (2) deduct $54.

F. H. Warren, Vallejo (1), $3133, (2) add $52.

J. Pringle, S. F. (1) $3193, (2) add $250.

W. M. Crowl, (1) $3738, (2) add 3888.

Nels Hokansom (1) $3920, (2) add $80.

Bids were forwarded to Washington with a recommendation to award the contract to E. Bruce.

FORT MASON, Calif.—The following bids were received on May 7th by the U. S. Constructing Quartermaster's Office at Fort Mason for the water system at Gigling Reservation, near Salinas, in Monterey County. The contract was awarded to Jas. Curric, 3120 Balboa St., San Francisco.

	(A)	(B)
Jas. Curric, San Francisco	$6607	$4447
Schultz Const. Co., S. F.	6825	4746
H. G. Thiele	....	3975
J. T. Welsh	7165	....
J. D. Price	8860.24	4733.28
E. Zimmerlie, Palo Alto	9900	7700
Howard D. Peters, Salinas	13817	8039

HALLS AND SOCIETY BUILDINGS

Plans Approved—Bids to be Asked Shortly.
CLUB BLDG. Cost, $85,000
WOODLAND, Yolo Co., Cal. Bush and College Streets.
Two-story concrete lodge and club building, 160x100 ft.
Owner—Woodland Lodge of Elks.
Architect—W. H. Weeks, 389 Pine St., San Francisco.

Plans To Be Prepared.
LODGE BLDG. $40,000
ALAMEDA, Alameda Co., Cal., 2311 Central Ave.
Two-story brick or concrete addition to lodge building (the present bldg. will be altered into a gymnasium.
Owner — Alameda Council No. 1658, Knights of Columbus, Wm. Eden, Secretary.
Architect—Shea & Shea, Chronicle Bldg San Francisco.

Figures To Be Taken Shortly.
LODGE BLDG. Cost, $250,000
SANTA ROSA, Sonoma Co., Cal., A St., bet. 4th and 5th Sts.
Three-story steel and reinforced concrete store and lodge building.
Owner—Santa Rosa Lodge of Elks.
Architect—Shea & Shea, Chronicle Bldg San Francisco.
Slight changes are being made in the plans, which will be ready for figures in about three weeks.

Contract Awarded.
FRATERNITY HOUSE Cost, $18,223
SAN FRANCISCO. Fourth Ave. and Kirkham St.
Fraternity house.
Owner—The Nu Sigma Nu Ass'n. of University of California.
Architect—E. Geoffrey Bangs, 1st National Bank Bldg., San Francisco
Contractor—Wm. Martin, 180 Jessie St., San Francisco.

FRESNO, Fresno Co., Cal.—Until May 17, 3 P. M., bids will be rec. by Chas. Dillon, Commissioner of Finance, to const. community house on Holmes Playground. Cert. check 10% payable to city req. Plans on file in office of City Clerk R. Y. St. George.

OREGON CITY, Ore.—Architect E. E. McClaran, Exchange Bldg., taking bids to erect two-story and basement reinforced concrete Elks Temple, 63x103 feet.

EUREKA, Humboldt Co., Cal.—Humboldt Golf and Country Club, Eugene S. Selvage, secy., First Natl. Bank Bldg. Eureka, rejects bids received May 1 to erect clubhouse on Humboldt Hill. Bids considered too high. Plans will be revised and new blds asked within two weeks.

ELSINORE, Los Angeles Co., Cal.—Engineering Service Co., 1316 Washington Bldg., Los Angeles, has been awarded contract to erect the new pier and pavilion including country club house and other buildings for the Southern California Athletic and Country Club. The proposed club house will be three-story, 200x100 ft., with wings 40x60 ft. each, to be erected on Grand Ave. at Elsinore, with one side facing the lake. It will be of reinforced concrete construction. Estimated cost, $300,000. The pier will be 500 ft. long, with casino; cost, $100,000. Plans were prepared by the contractor. The club is being promoted by W. I. Jackman, 329 Consolidated Realty Bld., Los Angeles.

FRESNO, Fresno Co., Cal.—Sunset Camp, Modern Woodmen of the World, Fresno, has appointed building committee to seek site on which it is proposed to erect lodge and club building.

A. E. Leitch J. G. Leitch

LEITCH ROOFING CO.

Successors to Clark & Leitch

Office and Warehouse:

1116 SECOND ST., SACRAMENTO

Phones Main 720—6223

POMONA, Cal.—Frank K. Benckley, Fullerton, has been selected to prepare plans for the new Elks lodge building, which will be erected at northeast corner Holt and Garey Sts. It will be 2-story, 110x145 ft. The ground floor will contain lobby, card and billiard rooms, parlor, cloak room, offices and lodge room capable of accommodating 1200 to 1400. Tme banquet room will seat 700. The second floor will contain 13 bed rooms most with private baths. There will be a mezzanine. In the basement there will be gymnasium, shower baths, etc. The building will be of Spanish type, resembling the Anaheim B. P. O. E home. Construction will be of brick and plaster.

SANTA MONICA, Los Angeles Co., Cal.—Milwaukee Bldg. Co., Wright & Callender Bldg., Los Angeles, has the contract to erect a club house, 252x61 ft., at 201 Ocean Front, Santa Monica, for the Beach Club Holding Co. The building will be devoted to swimming, baths and recreation purposes for members of the club. It is to be constructed not far from the site of the new clubhouse which the Santa Monica Swimming Club is building.

HOSPITALS

OAKLAND, Calif.—Until May 28, 10 a. m. bids will be received by Geo. E. Gross, County Clerk, for fur. equipment (beds, chairs, tables, etc.) for use in County Hospital. Spec. and lists of equipment desired on file in office of County Clerk, or may be obtained from County Purchasing Agent. Cert. check 10% payable to county req. with each bid.

REDLANDS, San Bernardino Co., Cal.—A committee has been appointed to finance the proposed $300,000 Class A sanitarium which is to be built in Redlands and known as the Redlands Heights Sanitarium. It will have main building with two wings, and have every modern convenience. H. R. Yerxa is president of the Chamber of Commerce.

HOTELS

Plans Completed.
HOTEL Cost, $150,000
INYO COUNTY, Kern River.
Timber and stone summer resort hotel, 98 rooms and baths (Room 50'x100' with 2 fireplaces for Hunters Lodge)
Owner—Withheld.
Architect — Henry Shermund, Hearst Bldg., San Francisco.
All stone and timber will be taken from the property. Construction will start shortly and will take about a year to complete.

Contract Awarded.
HOTEL BLDG. Cost, $20,000
VALONA, Contra Costa Co., Cal.
Two-story concrete hotel building.
Owner—Patrick Lee.
Contractor—Karl Koller, Crockett, Cal.

Heating, Plumbing and Electrical Work Bids Being Taken.
HOTEL Cost, $250,000
PETALUMA, Sonoma Co., Cal.
Four-story steel frame reinforced concrete or brick hotel (100 rooms).
Owner—Petaluma Hotel Co.
Manager of Constr. — Frederick Whitton, 251 Kearny St., San Francisco.

Plans Being Figured.
HOTEL Cost, $——
MODESTO, Stanislaus Co., Cal.
Five-story steel and brick hotel building.
Owner—Geo. F. Covell.
Architect—A. W. Cornelius, Merchants National Bk. Bldg., San Francisco.

Figures To Be Taken In a Week.
HOTEL & STORE Cost, $85,000
STOCKTON, San Joaquin Co., Cal.
Three-story brick frame and concrete hotel and store bldg. (150 rooms).
Owner—Peter Bosco.
Architect — Davis-Heller-Pearce Co., Delta Bldg., Stockton.
Bids will be taken for a general contract.

Contracts Awarded.
HOTEL Cost, $250,000
PETALUMA, Sonoma Co., Cal.
Four-story steel frame reinforced concrete or brick hotel (100 rooms).
Owner—Petaluma Hotel Co.
Manager of Constr.—Frederick Whitton, 251 Kearny St., San Francisco.
The following bids were received and contracts awarded tc the lowest bidders:

Excavating

S. E. Adams, 319 3d St., Petaluma.$3100
I. M. Sommers, S. F..... 3260
(If combined with concrete work)

Reinforcing Steel

Barrett & Hilp, 918 Harrison St., San Francisco $5200
(If combined with concrete work)
Badt-Falk Co., S. F..... 6300
Edw. L. Soule, Rialto Bldg., San Francisco (awarded) 5461
Gunn Carle Co., S. F..... 5919
Truscon Steel Co., S. F..... 6198
Wetenhall Co., S. F..... 7380

Concrete Work

Barenchi & Paganini, Vallejo...$36,213
I. M. Sommers, S. F..... 38,305
Adam Arras, S. F..... 38,689
Pioneer Concrete Co..... 39,595
Barrett & Hilp, S. F..... 45,721
D. Wagner, S. F..... 48,452
(Including excavating)

Bids are now being taken for electrical work, heating and plumbing.

Plans Being Figured.
ADDITION Cost, $45,000
SAN FRANCISCO, S Post St. E Taylor.
Five-story brick addition to Knickerbocker Hotel (40 rooms, 20 bathrooms).
Owner—Francis McAllister.
Architect—Wm. F. Gunnison, 57 Post St., San Francisco.
Figures are being taken for a general contract.

Working Drawings Being Prepared.
HOTEL Cost, $300,000
MARYSVILLE, Yuba Co., Cal.
Six-story class C reinforced concrete hotel bldg. (125 rooms).
Owner—Marysville Hotel Co., Inc.
Lessee—Nelson and Rossi, Santa Rosa.
Architect—Willis C. Lowe, Monadnock Bldg., San Francisco.
Engineer—P. A. Palmer, Monadnock Bldg., San Francisco.
Work will be done by sub-contracts.

RENO, Nevada — Zobel Engineering Co., Reno, has prepared preliminary plans for a $600,000 hotel and will seek co-operation of Chamber of Commerce to organize company to finance construction, the controlling interest to be taken by a northwestern insurance company. Approximately $200,000 worth of stock will be sold in Reno. A site for the structure is under option.

SAN FRANCISCO—Mathew A. Little has purchased the lot on SW corner of O'Farrell and Taylor streets and plans to erect a 12-story Class A apartment-hotel building.

LOS ANGELES, Cal.—Fred Siegel, 414 Chapman Bldg., has purchased a lot on the west side of Figueroa St., bet. 5th and 6th Sts. and contemplates the erection of a 14-story class A reinf. conc. hotel bldg. The site is 60x165 ft. and the new bldg. will cost $1,000,000. Work will be commenced as soon as the class A hotel which Mr. Siegel is erecting on Flower St. is completed.

LOS ANGELES, Cal.—L. T. Mayo, 531 Black Bldg., has the contr. to erect a five-story hotel at s.w. cor. of Ingraham and Bixel Sts.; owners name withheld. It will be 60x128 ft. and will contain 105 rooms; brick walls, struc. steel, press brick facing; cost $176,000. E. B. Rust, 523 Black Bldg., archt.

LOS ANGELES, Cal.—Archt. Harold Cross, 1132 Mer. Nat. Bank Bldg., is taking bids for erecting a 6-story class A hotel bldg. at Francisco St. and Potter Park Pl. for Frank G. and E. H. Jansen. Bids will be taken separately on the general contract, plastering, plumbing, heating, wiring, tile work, painting and elevators. The bldg. will contain 120 rms., 85 baths, 120 toilets; reinf. conc. constr., 90x100 ft., cast stone and press. brick facing, marble; cost $150,000.

GLENDALE, L. A. Co., Cal—Arthur G. Lindley, Chas. Selkirk, assoc., $00 American Bank Bldg., are completing plans for a class A hotel and apt. bldg. to be erected at cor. E Broadway and Glendale Ave., Glendale, for the Ambrosini Hotel Co.; will contain 278 rms., divided into single and double apts., & single rms. each to have shower and tub bath, roof garden, with lobby, stores and large dining rm. on 1st fl. Reinf. conc. constr., 5-story and basement, 225x140 ft., hollow tile curtain walls, plas. exter., comp. rfg., 2 electric passenger and 1 electric service elevators, gas unit htg. system, aut. storage water htr., refrigerating system, circulating ice water to each rm., wall beds, tile baths and kitchens, incinerator, inter-telephone system, marble ornam. iron, O. P., cem. and hardwood floors; $400,000. Bids will be taken on reinf. conc. super-structure and foundation in about 2 weeks.

ARROWHEAD, San Bernardino Co., Cal.—Archts. Morgan, Walls & Morgan, 1124 Van Nuys Bldg., L. A., have prepared plans for a hotel bldg. and 35 cabins to be erected at Arrowhead Lake for D. W. Thompson. Frame constr., stone and stucco exter., shingle rfg., baths, electric heaters; $60,000.

ALHAMBRA, L. A. Co., Cal.—Alhambra Community Hotel Corp. has opened its drive to sell $350,000 stock issue for the purpose of building a 160 room modern hotel on S Garfield. The hotel will be leased by the National Auto-Tourist Hotels Corp. C. R. Livengood, secretary.

POWER PLANTS

Plans Being Prepared.
STATION Cost, $100,000
SAN FRANCISCO. 60 Vara District.
Reinforced concrete and steel power station.
Owner—Pacific Gas & Electric Co.
Architect—Eng. Dept. of Owner.

Steel Bids In.
SUB-STATION Cost, $50,000
BERKELEY, Station F.
Steel and concrete sub-station.
Owner—Pacific Gas & Electric Co., 445 Sutter St., S. F.
Architect—Eng. Dept. of owner.

DOUGLAS, Ariz.—A power plant costing in the neighborhood of $250,000 is to be erected in Cananea by the Pedrazinis for the Las Chispas mine, near Arizpe, according to information given Alfred Paul, who has just returned from that dist. A corp of engineers is now surveying for the transmission line. The Las Chispas mine is one of the richest gold mines in North America.

MODESTO, Stanislaus Co., Cal.—See "Miscellaneous Construction," this issue.

MODESTO, Stanislaus Co., Cal.—Modesto Irrigation District awards following contracts for furnishing materials in connection with electrical distribution lines:

Poles—Neidermeyer-Martin Lumber Co., $15,768.23, delivery 30 to 30 days.
Cross-arms — American Lumber Co., Modesto, $1,642.21, delivery 30 to 60 days.
Hardware—Western Electric Co., $3,-838.46, delivery 30 days.
Pins—Baker-Joslyn Co., $744; delivery 30 days.
Insulators — Pacific States Electric Co., $2695, delivery 30 to 45 days.
Transformers — Wagner Electric Co. $17,060, delivery 120 days; Maloney Electric Company, small transformers, $4260, delivery 70 days.
Bids for wires and switches rejected.

CALIFORNIA—State Railroad Commission has approved contract between Pacific Gas & Electric Co., 445 Sutter St., San Francisco and Truckee River Power Co., to construct a power line crossing the main ridge of the Sierra Nevada mountains. Authorization permits const. of 60,000-volt electric transmission by P. G. & E. to summit of the Sierras to connect with line being built by Truckee River Power Co.

SAN FRANCISCO—The Pacific Gas & Electric Co. has awarded a contract to the California Steel Co. for furnishing steel for Station "K" in San Francisco.

CALIFORNIA PLATE & WINDOW GLASS COMPANY.
1477 EDDY ST.
SAN FRANCISCO.
PHONE. WEST 3810.

When in need of
Glass Work
Repair or New Work of any kind
CALL ON US
Phone West 3810
and become one of our SATISFIED CUSTOMERS
All Work Guaranteed

PUBLIC BUILDINGS

SACRAMENTO, Cal. — The bid received from Scott Co., at approx. $7500 by the State Architect's Office for boiler equipment in the Berkeley Blind Home has been rejected. Work will probably be done by the State.

SACRAMENTO, Cal.—Latourrette-Fical Co., Sacramento, has been awarded a contract for the mechanical eq. for the State Printing building now under constr on 11th and O Streets in Sacramento. Contract price approx. $43,500.

STOCKTON, San Joaquin Co., Cal.—Bids were received as follows on May 8th by E. D. Graham, clerk of San Joaquin County for the construction of a cow barn, sheep barn, and machinery exhibit buildings at the County Fair Grounds. Plans were prepared by Architects Wright & Satterlee, Bank of Italy Bldg., Stockton.

Bids were taken under advisement. Ubels & Van Till, Ripon, $32,850, $2650, $1300, $2750.

De Atley & French, 207 W Poplar St., Stockton, $28,045, $2650, $1420, $1724

Powell & Medbury, $30,690, $2163, $1500 $3054.

STOCKTON, Cal.—See "Bonds," this issue.

FAIRFIELD, Solano Co., Cal.—Solano County Grand Jury in its annual report recommends to supervisors the construction of a branch county jail at Vallejo, for which site was purchased several years ago.

SAN BERNARDINO, Cal. — Archt. Howard E. Jones, 405 Katz Bldg., is preparing tentative plans and sketches for the first unit of the county court house which the supervisors hope to get started by summer. This unit will cost $80,000, and will consist of an addition to the present bldg., 110x32 ft., 3-story, providing 9000 sq. ft. floor space. The second unit will cost $145,000. The county grand jury has recommended a direct tax levy to pay for this work.

REEDLEY, Fresno Co., Cal.—Until May 15, 8 p. m., bids will be rec. by Hazel Trembley, city clerk, to const. band stand in city park. Cert. check 10% payable to City Treasurer req. Plans obtainable from clerk on deposit of $10, returnable.

PETALUMA, Sonoma Co., Cal.—Architect Brainerd Jones, Petaluma, commissioned by city council to prepare plans and specifications for new fire house. Construction will be financed through a bond issue.

MARSHFIELD, Ore. — Architects Tourtellotte & Hummel, Falling Bldg., Portland, taking bids to erect two-story, 83 by 87 ft., concrete city hall; est cost $47,000. In addition to general offices will contain city jail quarters

RESIDENCES

Contract Awarded.
RESIDENCE Cost, $20,000
SAN FRANCISCO, N Camino Del Mar 259-7 W Twenty-sixth Ave.
Two-story and basement frame residence.
Owner—Carl H Burg, 1501 Lake St., San Francisco.
Architect—Lewis M. Gardner, 942 Pine St., San Francisco.
Contractor—Robert McLean, 761 17th Ave., San Francisco.

Permits Applied For.
RESIDENCES Cost, $10,000
SAN FRANCISCO, W 30th Ave. 105 N Lake
Four 2-story and basement frame residences
Owner—Allen & Co. 168 Sutter St., San Francisco.
Architect—E. B. Beitz, 168 Sutter St., San Francisco.

Plans Being Figured.
BUNGALOW Cost, $——
PALO ALTO, Santa Clara Co., Cal.
One-story six-room frame bungalow.
Owner—Ethel Clarkson.
Architect—Walter King, Call Bldg., San Francisco.

GONZALES, Monterey Co., Cal.—Fred McCrary, Pacific Grove, at approx. $18,000 awarded contract by Rev. Father Keenan, pastor of Gonzales Catholic Church, to erect two-story 12-room frame and stucco parochial residence adjoining church building.

SCHOOLS

Plans Being Prepared.
SCHOOL BLDGS. Cost, $325,000
LEMOORE, Kings Co., Cal.
Three one and two-story reinforced concrete high school buildings. (Auditorium, gymnasium and shop buildings).
Owner — Lemoore Union High School District.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
Bonds have been voted.

Bids To Be Called For Next Week.
SCHOOL Cost, $72,000
MAYFIELD, Santa Clara Co., Cal.
Frame and stucco 8-room and auditorium school with tile and composition roof.
Owner — Mayfield Grammar School District.
Architect—Henry C. Smith, Humboldt Bank Bldg., San Francisco.
Bids will be taken both for a general contract and segregated contracts.

Completing Plans.
CONVENT Cost, $60,000
SAN FRANCISCO, Green St., bet. Steiner and Pierce Sts.
Two-story reinforced concrete parochial school and convent (St. Vincent de Paul Church).
Owner—Roman Catholic Archbishop of San Francisco.
Architect—Shea & Shea, Chronicle Bldg San Francisco.

To Be Done by Students.
SHOP BLDG. $5000
ANDERSON, Shasta Co., Cal.
One-story frame and stucco shop bldg.
Owner—Anderson Union High School District.
Architect—Henry C. Smith, Humboldt Bank Bldg., San Francisco.
Work will be done by the students in the mechanical class.

Plans Being Figured—Bids Close May 25, 1923, 7:30 p. m.
SCHOOL Cost, $72,000
MAYFIELD, Santa Clara Co., Cal.
Frame and stucco 8-room and auditorium school with tile and composition roof.
Owner — Mayfield Grammar School District.
Architect—Henry C. Smith, Humboldt Bank Bldg., San Francisco.
Bids will be taken both for a general contract and segregated contracts as follows—General contract, plumbing, painting, heating, electrical work and program clocks. Plans may be obtained from the architects on a deposit of $25.

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SAN FRANCISCO, CALIF.

Completing Plans.
ADDITION Cost, $50,000
Irving and Judah.
Three-story reinforced concrete convent (St. Anne's Convent).
Owner—Roman Catholic Archbishop of San Francisco.
Architect—Shea & Shea, Chronicle Bldg San Francisco.

Bids To Be Called For Next Week.
SCHOOL Cost, $30,000
SAN RAFAEL, Marin Co., Cal. West End School.
One-story brick elementary school
Owner—San Rafael School District.
Architect—Shea & Shea, Chronicle Bldg San Francisco.

Figures To Be Taken In About a Week
SCHOOL $100,000
SACRAMENTO, Sacramento Co., Cal., 25th and K Streets.
Three-story reinforced concrete parochial school.
Owner — Roman Catholic Archbishop (St. Francis parish).
Architect—R. A. Herold, Forum Bldg., Sacramento.

FRESNO, Fresno Co., Cal.—Until May 24, 6 P. M., bids will be rec. by L. L. Smith, Sect'y. Board of Education, 2525 Tuolumne St., to const. 8-room addition to Chester Rowell School. Segregated bids are desired. Plans obtainable from Trewhitt-Shields Co., 425 Rowell Bldg., Fresno. **See call for bids under official proposal section in this issue.**

LIVERMORE, Alameda Co., Cal.—The following bids were received on May 7, by Chas. N. Nissen, clerk, Livermore School District, for fur. 12 double or 24 single manual training benches.

Stewart Sales Co., Stockton.....$668
C. F. Weber Co., 985 Market St., San Francisco 672
Harron Rickard & CoCone, S. F... 672
Rucker-Fuller Desk Co., S. F..... 774

The contract was awarded to the Stewart Sales Co., of Stockton.

NORWALK, L. A. Co., Cal.—J. W. Davison, Long Beach, was low bidder on the gen. contr. for erecting a group of high school bldgs. near Norwalk for Excelsior union high school dist. Theo. C. Kistner, Santa Ana and San Diego, archt. The bids, which were taken on several alternate propositions for omitting one or more bldgs., were taken under advisement. The lowest bidders were: General contract—J. W. Davison, $192,432 for all bldgs., (a) omit bldg. E, $165,812; (b) omit bldg E and bldg. D unfinished, $158,994; (c) omit bldgs. D and E, $132,423; (d) add for oak furniture, $406; (2) Masonry—Chas. Fink, $52,836; (a) $45,262; (b) $26,900. Plastering—J. B. Rickert & Son $46,728; (a) $42,369; (b) $37,524; (c) $32,000. Sheet metal—Emil Brown & Co., $3948; (a) 3225; (b) $3038; (c) $2034 Composition roofing — Owen Roofing Co., 2992; (a) $1984.25; (b) $1124.85. Tile roofing—R. G. Blessing, (b) $7733; (c) $5753. Electrical work—J. G. Robertson Elec. Co., $18,739.52; (a) $16,829.17; (b) $12,365.01; (c) $12,065.01. Painting—Alhambra Wall Paper and Paint Co., $11,332; (a) deduct $1300; (b) $3200; (c) $3700. Plumbing — Bohde Bros., San Diego, $19,116; (a) $17,959; (b) $16,668. Heating—Pemberton Heating Co., $18,750; (a) deduct $2800; (b) $3500; (c) $2200. Structural steel — Baker Iron Works, $13,725; (a) $13,595; (b) $13,595; (c) $859. Cast stone—Faria Bros., $16,409; (a) $14,812. Frank Hudson also submitted a bid on No. 1 and No. 2 contracts combined at $264,355; (a) $227,556; (b) $217,687; (c) $166,920.

PASADENA, L. A. Co., Cal.—Clarence P. Day, Boston Bldg., Pasadena, was awarded a contract at $64,923 for the general contr for erecting the North-east grammar school, Pasadena. Other awards were: W. F. Creller, plumbing, $4420; Dan C. Becker (Pasadena Paint & Dec. Co.), painting, 2650; H. L. Miller Co., wiring, $2210; John C. Austin, Detwiler Bldg., Los Angeles, architect. Fourteen rooms, 2-story, reinforced concrete constr., stucco exter., comp. rfg., pine trim., maple finish.

YREKA, Siskiyou Co., Cal.—F. H. Lambert, bidding for the McCloud River Lumber Co., McCloud, Calif., at approx. $28,000 submits low bid to Siskiyou Union High School District to erect high school at McCloud.

YUBA CITY, Sutter Co., Cal.—Until May 21, 8 p. m., bids will be rec. by Yuba City Union High School District for concrete, mason and carpenter work combined for shop building of of high school group. Geo. C. Sellon & Co., architects, Mitau Bldg., Sacramento. **See call for bids under official proposal column in this issue.**

SAN BERNARDINO, Cal.—I. J. Bakker, San Bernardino and George Herz, San Bernardino, submitted the two low bids to the board of education for constructing a concr. school building on the F St. site. Bakker bid $72,200 and Herz, $72,443. Several alternates were taken, the principal item being metal lath instead of wood for the interior. The alternates on this work run between $2100 and $6000. The contract, apparently will go to one of these two bidders. Howard E. Jones, 405 Katz Bldg., San Bernardino, Architect. Geo. Herz submitted low bid at $31,873 for the Riley school, a frame and stucco school building. The alternate (metal lath in place of wood) will also be taken under consideration in making this award. Low bidders on other contracts were: F. St. school—Crest Electric Co., San Bernardino, on wiring at $1270 and Carl Ruhman on painting, at $2285; Riley school—Crest Elec. Co., on wiring at $838 and Carl Ruhmau on painting at $1385. Bids were taken under advisement.

PASADENA, Cal.—Until 5 p. m., May 21, bids will be rec. by the Pasadena board of education, 525 Security Bldg., Pasadena, for erecting the new Arroyo Seco grammar school at Grand Ave. and Bellefontaine St., Pasadena. Bids will be opened about 8:30 a. m., May 22. Leon C. Brockway, 400 Security Bldg., Pasadena, archt. Four standard classrooms, kindergarten, 2 utility rms., teachers' rm. with kitchen, reception rm., office, clinic, supply rm., lavatory. Concrete lower story, frame and plas. above, tile or slate rf., conc. fls., 1st story, hardwood above, brick and art stone entrance.

LOS ANGELES, Cal.—Darrell Condley Co., 520 Marsh-Strong Bldg., was low bidder at $63,500 on the general contract for erecting physical training building and lunch pavilions at Boyle Heights junior high school site; A. F. Rosenheim, Architect. The bids were as follows: Plumbing, E. W. Crowell, $5238; heating, J. Hokom, $3825; painting, Robert P. Tuttle Co., $2600.

LOS ANGELES, Cal.—H. M. Baruch, I. W. Hellman Bldg., was low bidder at $48,985 on the general contract for erecting a new building at 49th St. School site; Grank G. Krucker, Architect. The low bidders wre: Plumbing, Ralph G. Burdick, $3700; Wiring, Soengen & Co., $885; Heating, Geo. A. Posthumus, $7849; Painting, Arenz-Warren Co., $1850.

RICHGROVE, Tulare Co., Cal.—Until May 24, 5 P. M., bids will be rec. by Mrs. Helen L. Post, Clerk, Richgrove School District, to erect school building. Eugene K. Martin, Architect, Arlington Bldg., Bakersfield. Deposit of $10 req. for plans obtainable from Clerk. Cert. check 10% payable to clerk req. with each bid.

FRESNO, Fresno Co., Cal.—See "Machinery and Equipment," this issue.

LOS ANGELES, Cal.—Until 9 A. M., May 25, bids will be received by the Board of Education for the following school work:

For erecting a new school building at Miramonte school site, at 71st St. and Parmelee Ave; 12 rooms, 2-stor., brick const., $84,000; A. C. Zimmerman, architect.

For erecting new bldg. at Lillian St. school site, corner of Lillian and Hogan Sts.; 8-rooms, brick constr., $56,000; William L. Woollett, architect.

For erecting a shop building at Wilmington school site, Wilmington.

For erecting a new building at Leland St. school site, Leland and 21st Sts., San Pedro; 12 rooms, 2-stor., brick constr., $84,000; Hibbard & Wheeler, architects.

Plans and specifications for the above work may be obtained at the secretary's office, 730 Security Bldg. Bids will be taken separately on the general contract, plumbing, heating, wiring and painting on all except the shop building at Wilmington high school site, for which bids will be taken for all work complete in one contract.

SAN MATEO, San Mateo Co., Cal.—See "Parks and Playgrounds," this issue.

SANTA CRUZ, Santa Cruz Co., Cal.—Until May 28, 7 p. m., bids will be rec. by J. W. Linscott, secy. Bd. of Education, to erect manual training building in Otis street, Santa Cruz. Bids also desired same date, to const. addition to Garfield Park school. **See call for bids under official proposal section in this issue.**

MARSHFIELD, Ore.—Until May 25, 12 M., bids will be rec. by Alace Vestal, Clerk, School District No. 9, Marshfield, to erect two-story and base., rein. conc. and stucco school; est. cost, $70,000. Will contain 14-classrooms and auditorium seating 1200. F. Mason White, Architect, Sherlock Bldg., Portland.

SACRAMENTO, Cal.—The following two bids were received on May 8th by George B.McDougall, State Architect, for the construction of a one-story brick and concrete assembly building to be erected at the Whittier State School in Whittier, Los Angeles County. Bids will probably be rejected.
J. C. Bannister, 903 N-Mariposa St., Los Angeles, $49,250, 120 days.
C. H. S. Littleton, Los Angeles, $53,987.

SAN MATEO, San Mateo Co., Cal.—Until May 25, 2:30 p. m., bids will be rec. by J. J. Casey, clerk, San Mateo School District for sale of old Central school; same to be removed from present site prior to August 10, 1923. Cert. check 10% payable to Dist. req. with each bid.

BREA, Orange Co., Cal.—Until 8 p. m., May 18, bids will be received by trustees of Brea school dist. for erecting a new school bldg. at Brea, Orange county; Jeffery & Schaefer, 1106 Kerckhoff Bldg., Los Angeles, archts. Bids will be received for all work complete in one contract. It will contain 3 class rooms and domestic science dept.; hollow tile constr., plas. exter., clay tile roofing.

PORTERVILLE, Tulare Co., Cal.—Earl Brown at $29,367 submits low bid to Porterville High School District to erect gymnasium. Complete list of bids follow: W. P. Taylor (1) general construction, $29,404; (2) heating and plumbing, $6827; Miller & Wyatt (1) $29,958; (2) $6890; Barkelew & Gould (1) $30,351; Fisher & McNulty (1) $30,535; Frederickson & Shannon (1) $30,850; (2) $6740. Fred Stone, Fresno, bid on heating and plumbing only, $6827. Taken under advisement. Coates & Traver, Architects, Rowell Bldg., Fresno.

NORWALK, L. A. Co., Cal.—The Bd. of Trustees of Excelsior Union High School Dist. has authorized the awarding of several contracts for erecting a group of high school bldgs. near Norwalk if satisfactory agreements can be made with the low bidders. The board desires to let the contracts on a basis of omitting 2 bldgs. with a proviso that these bldgs. can be included at the original figures if funds are available within a reasonable time. The contracts which the board has voted to award are: No. 1, conc. and carpenter work, to J. W. Davison of Long Beach; No. 2, masonry, to Chas. Fink of Long Beach; No. 3, plastering, to J. B. Rockert & Son; No. 7, electric wiring, to Robertson Electric Co., Santa Ana; No. 8, painting, to E. Drawbaugh, Pasadena; No. 9, plumbing, to Rhode Bros; San Diego; and No. 10, heating, to Franlin & Boyce, Theo. C. Kistner, Santa Ana and San Diego, archt.

POMONA, Los Angeles Co., Cal.—A campaign is to be started at once to raise $200,000 for an administration building at La Verne college. Ellis M. Studebaker, of McPherson, Kan., pres.

MONTEBELLO, L. A. Co., Cal.—Architects Jeffery & Schaefer 1106 Kerckhoff Bldg., L. A., are preparing plans for a new bldg. to be erected at Eastmont school site, Montebello. It will contain 8 rms. and an auditorium; brick constr., shingle rf., pine trim & fls., gas htg.; $75,000.

RIVERSIDE, Riverside Co., Cal.—G. Stanley Wilson, 646 W. 9th St., Riverside, is preparing plans for new economics building at high school. It will be two-story and basement, contain 14 classrooms on first floor, economics dept., etc., on second floor, and manual arts, and engineering depts. in basement; total floor space 40,000 sq. ft. Cream pressed brick exterior; concrete and brick walls, stairs and ceilings. Maple floors, laboratory equipment. Est. cost, $175,000.

FULLERTON, Orange Co., Cal.—The Board of Education announces plans for new school building on a tract on a continuation of Balcom Ave., and bounded by Ash and Maple Aves. Est. cost, $100,000. Mrs. Bell Benchley, Secretary of Board.

HUNTINGTON BEACH, Orange Co., Cal.—Until 1 p. m., May 29, bids will be received by trustees of Huntington Beach grammar school dist. for erecting a new grammar school bldg. on Palm Ave., bet. 14th and 15th Sts., Huntington Beach; John C. Smith, 325 H. W. Hellman Bldg., archt. Plans and spec. will be ready for contractors on May 15. Bids will be received separately on the general contr., plumbing, heating, painting, electric wiring, electric fixtures, and clocks and bells. The bldg. will contain 22 rms., two-sto and part 1-sto.; brick constr., fac ebrick, cast stone trim, comp. rfg., pine trim and fls., plenum heating system; $125,000. Deposit of $25 required for plans. Cert. chk. or bond 5% required with bids.

REDWOOD CITY, San Mateo Co., Cal.—The Board of Trustees of the Sequoia Union High School District have awarded the following contracts for equipment in the new high school building. Coffey & Werner, Humboldt Bank Bldg., San Francisco, are the architects.

Lockers to Fred Medart Co., Rialto Bldg., San Francisco
Program Clocks to Pacific Elec. Clock Co., Wells Fargo Bldg., S. F.
Window Shades to Stewart Sales Co.
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ALHAMBRA, Cal. — Larsen-Siegrist Co., 307 Lissner Bldg., L. A., and Claus Spreckels Bldg., S. F., was the low bidder at $178,822 on the general contract for erecting a new administration and auditorium bldg. at Alhambra high school; Hunt & Burns, 701 Laughlin Bldg., archts. Low bidders on other contracts were: Spanish-American Fine Arts Studio, only bidder at $6950 on cast stone work; Hodge Sheet Metal Works only bidder at $4207 on sheet metal work; Angeles Roof, Paper & Paint Co. on comp. rfg. at $2200; J. B. Rickert & Son on plastering at $17,800; Alhambra Wall Paper & Paint Co. on paint, $4998; So. Pasadena Plumbing Co plumbing at $11,932; Pacific Electric Clock Co. on program clocks and bells at $1356; Bennett-Montgomery Hardware Co. on finish hardware at $5692; S & H Electric Service Co., Alhambra, on wiring at $16,955; Hoagland-Lakin Electrical & Engineering Co. on heating and ventilating at $19,984; T. N. Fierce only bidder at $2310 on blackboards; J. E. Dwan on steel partitions at $1254; and Coast Radiator Corp. on gas steam heating at $8400. Bids taken under advisement. The bldg. will contain an auditorium to seat 2000 people, 2-sto., 95x170 ft.; and two class room wings, each 2-story, 60x120 ft.; brick constr., plas. exter., cast stone trim. The bids were: **General contract**—Larsen-Siegrist Co., $178,822; North Pac. Conat. Co., $181,425; Lawrence Burck Conatr. Co., $189,850; William Stacko, $193,313. **Roofing**—Angeles Roof, Paper & Paint Co., $2200; Atlas Roof Co., $3480. **Plastering**—J. B. Rickert & Son, $17,800, add for gunite, $2500; J. P. Walsh, $20,900 and $3000; J. F. Bolster & Co., $22,600 and $5100. **Painting**—Alhambra Wall Paper & Paint Co., $4998; R. P. Tuttle & Co., $5653; E. Drawbaugh, $6147; H. H. Mann, $6288. **Plumbing**—South Pasadena Plumbing Co., $11,932; Ora King, $12,500; Munger & Munger, $13,532; Thos. Haverty Co., $16,795. **Program Clocks** — Pac. Elec. Clock Co., $1356; International Time Recording Co., $2250. **Hardware**—Bennett-Montgomery Hardware Co., $5692; Frank Graves Sash, Door & Mill Co., $5750. **Electrical Wiring**—**S & H Elec.** Service Co., $16,955; Winder & Jones, $17,995. **Steam Heating and Ventilating**—Hoagland-Lakin Co., $19,984; Munger & Munger, $23,089; Franklin & Boyce, $23,490; L. Z. Brown, $23,683; Thos. Haverty Co., $26,465. **Steel Partitions**—J. E. Dwan, $1254; Frank R. Peck, $1343. **Gas Steam Htg.**—Coast Radiator Corp., $8400, $4300, $499.50; Williams Radiator Co., $9846, $5124, $720.

LOS ANGELES, Cal.—Pozzo Constr. Co., 421 Macy St., was low bidder at $34,250 on the general contract for erecting a new buildingt at Farmdale School site. E. P. and C. E. Norberg, architects. The low bidders were: Heating, Franklin & Boyce, $3415; Painting, Arenz-Warren Co., $1135; Wiring, American Elec. Constr. Co., $2636.70.

BAKERSFIELD, Kern Co., Cal.—Wm. G. Reed, Bakersfield, and 204 Brock Bldg., Long Beach, at $48,750, submits low bid to Kern County Union High School District to construct rein. conc. athletic quarters and grand stand with an alternative bid of $21,000 for each wing added. Other bids:

Currie and Dulgar, $59,200 including painting and finish hardware, with alt. bid of $22,537 for each wing added.

Henry Eissler, Bakersfield, $59,000 with alt. of $25,000 for each wing added.

Dan R. Wagner, San Francisco, $60,000 with alt. bid of $24,300 for each wing added.

Daily Plumbing Co., at $8300 low bidder for heating and plumbing. Other bids for this work: Bakersfield Plumbing Co., $8421; H. H. Bever Co., $10,786; Burnham Plumbing Co., San Francisco, $8626.

Kern Valley Electric Co., Bakersfield, low for electric work at $1600. Star Electric Co. only other bidder at $2,000.

Crandall Supply Co., Bakersfield, low for painting at $1316. Dan Morans only other bidder at $1950.

Bids taken under advisement. Chas. H. Biggar, architect, Bank of Italy Bldg., Bakersfield.

LOS ANGELES, Cal.—C. E. Downs, 2305 Maple Ave., was low bidder at $39,439 for the erection of an auditorium and 4-room school building to be erected at 64th and Main Sts., for Parish of St. Columbkille. Rev. D. J. Nunan, pastor. Plans by Architects and Engineers Truesdell, Purinton & Newton, 304 San Fernando Bldg. Brick walls, 2-stor., plaster exterior, tile roofing, cement and maple floors, gas furnace heating, basement, metal sash, wire glass, auditorium to seat 500; building designed for 8 rooms. Other general bids received are as follows: Hardiman Co., $40,153; Escherich Bros., $42,260; W. J. Curren, $42,885; Webster Bros., $44,750; Macdonald & Driver, $44,890; Heitman Constr. Co., $42,934.50. Sub bids have not been opened; all bids taken under advisement.

REDWOOD CITY, Cal.—Bids will be called for within a week by the Board of Trustees of the Sequoia Union High School District for light fixtures and opera chairs for the new high school building. Coffey & Werner, Humboldt Bank Bldg., San Francisco, architects.

LOS ANGELES, Cal.—Until 7:30 p. m. May 22, bids will be received by the Glendale Bd. of Educ. at 107½ S Brand Blvd. for erecting two wings to the Acacia St. school; bids to be received for (1) gen. contr., (2) plumbing, (3) painting, (4) elec. wiring, (5) heating, (6) elec. fixtures. Plans and spec. may be seen at office of Archt. Geo. M. Lindsey, 331 Laughlin Bldg., Los Angeles, and at office of the Board; deposit of $10 required on plans. One wing will be 35x150 ft. containing 3 rms., girls toilet and 10-ft. cloister; other wing, 36x111 ft., containing 2 rms., and boys' toilet; hollow tile walls, comp. rf. with shingle rfg. over cloister.

TULARE, Tulare Co., Cal.—Trustees of Tulare High School District reject bids to erect new manual training and bids have been ordered received from revised plans to be opened May 25. Bids will be taken on two propositions—one to remodel present gymnasium for manual training quarters and the other for an addition including remodeling of gymnasium. The rejected bids ranged from $23,000 to $25,000. Swartz and Ryland, architects, Rowell Bldg., Fresno.

HANFORD, Kings Co., Cal.—Until June 5, bids will be rec. by county supervisors for purchase of $50,000 bond issue of Stratford Union Elementary School District; proceeds of sale to finance school improvements.

RENO, Nevada—J. C. Dillard, Reno, Nevada, at $41,666 submits only bid to Reno School District No. 10, Washoe County, to erect Junior High school gymnasium.

J. C. Meyer, Reno, at $6,165 submitted low bid for heating and plumbing. Other bids were: Reno Plumbing & Heating Co., $6,076; John Lukey, $6,580; Edwards Hardware Co., $6,500. All bidders from Reno. Bids taken under advisement. Geo. A. Ferris & Son, architects, Heldtman Bldg., Reno.

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BANKS, STORES & OFFICES

Contract Awarded.
OFFICE Cost, $5160
MARTINEZ, Centra Costa Co., Calif.
One-story frame temporary office.
Owner—County of Contra Costa, J. H. Wells, clerk.
Architect—J. T. Narbett, 906 Macdonald Ave., Richmond.
Contractor—L. Perry, Concord.

Plans Being Prepared.
STORE & LOFT Cost, $100,000
OAKLAND, Alameda Co., Cal., San Pablo Ave. bet. 16th and 16th Sts.
Three-story reinforced concrete store and loft building.
Owner—C. W., Rex W., & Van Midgley American Theatre Co., San Pablo Ave., and 17th St., Oakland.
Architect—Willis C. Lowe, Monadnock Bldg., San Francisco.
Contractor—P. A. Palmer, Monadnock Bldg., San Francisco.

Commissioned to Prepare Plans.
OFFICE BLDG. Cost, $1,000,000 approximately.
LOS ANGELES, Cal.—NW Hope and Tenth Streets.
Eight-story Class A office building (Spanish Renaissance type).
Owner—Standard Oil Co.
Architect—Geo. Wm. Kelham, Sharon Bldg., San Francisco.
Engineer—H. J. Brunnier, Sharon Bldg., San Francisco.

Plans Being Prepared.
STORE & LOFTS Cost, $40,000
OAKLAND, Alameda Co., Cal. 17th St. near Broadway.
Two-story reinforced concrete store and lofas, 50x100.
Owner—Withheld.
Architect—Chas. W. McCall, Central Bank Bldg., Oakland.

Contract Awarded.
STORES Cost, $20,470
EUREKA, Humboldt Co., Cal. F St. near Fifth St.
One-story and mezzanine floor frame and stucco stores, 50x112½ ft.
Owner—J. H. Young, Eureka.
Architect—Newton Ackelman, Eureka.
Contractor—Fred Maurer&Son, Eureka
Other bids were: J. F. McKnight, $21,240 and Harvey & Kness, $21,050.

Plans Being Prepared — Contract Awarded.
ADDITION Cost, $30,000
OAKLAND, Alameda Co., Cal. 15th & Clay Sts.
Two-story steel and brick additional to present furniture store building.
Owner—John Breuner Co.
Architect—Reed & Corlett, Oakland Bk. of Savings Bldg., Oakland.
Contractor—P. J. Walker Co., Sharon Bldg., San Francisco.

Plans Being Figured.
STORES & OFFICES Cost, $200,000
EUREKA, Humboldt Co., Cal., Fourth and F Streets.
Three-story and basement fireproof stores and offices, 75x95 ft.
Owner—Mrs. Eva Ricks, Eureka, Cal.
Architect—Withheld until completion of plans.

Plans to Be Completed Next Week—Steel Contract Awarded.
OFFICE & STORE. Cost $400,000 to $650,000
OAKLAND, Alameda Co., Cal., NE 14th and Franklin.
Seven or 12-story basement and mez. floor class A steel frame and reinforced concrete office and store bldg., pressed brick and terro cotta cotta facing.
Owner—Alameda County Title Insurance Co.
Architect—Chas. W. McCall & Chas. T. Davis, Central Bank Bldg., Oakland.
Engineer — T. Ronneberg, Crocker Bldg., San Francisco.
Mechanical Engineer—Geo. Atkins, Hobart Bldg., San Francisco.
Manager of Constr.—Dinwiddie Constr. Co., Crocker Bldg., San Francisco.
The steel contract awarded to the the California Steel Co.

Concrete Contract Awarded.
ADDITION Cost, Approx $800,000
SAN FRANCISCO, SE 6th and Market Streets (on the 6th St. side running to Stevenson).
15-story class A addition to present office building.
Owner—Western States Life Ins. Co., premises.
Architect—Reid Bros., 105 Montgomery Street, San Francisco.
Concrete work has been awarded to Barrett & Hilp, 918 Harrison St., S. F. at approximately $125,000.

Excavating & Pile Contract Awarded.
OFFICE BLDG. Cost, $1,500,000
SAN FRANCISCO, SE Market & Beale Streets.
Seventeen-story and basement class A brick, steel & concrete office bldg.
Owner—Pacific Gas & Electric Co.
Architect — Bakewell & Brown, 251 Kearny St., San Francisco.
Consulting Engineer—C. H. Snyder.
Consulting Mechanical Engineer — Hunter & Hunter.
Excavating Contract awarded to Carlin Grading Co., 180 Jessie St., S. F.
Furnishing Piles to Chas. McCormack & Co., Fife Bldg.

Contract Awarded.
STORES Cost $16,000
SAN FRANCISCO, N O'Farrell, E. Taylor. One-story class "C" stores, 62"x166.
Owner—Alex Boyd Estate, 216 California st., San Francisco.
Architect—Sam Lightner Hyman, 68 Post St., San Francisco.
General Contractor—H. L. Peterson, Lick Bldg.
Plumbing to Wm. J. Forster Co., 670 Howard, $864. Elec. Work to Central Elec. Co., 179 Minna St., $832. Painting to R. Zelinsky, 180 Jessie St., $———.

Sub-Figures Being Taken.
OFFICE & STORE BLDG. $200,000
OAKLAND, Alameda Co., Cal., N 15th St. and San Pablo Ave., L-shaped lot.
Three-story reinf. conc. class B office and store building.
Owner—C. W., Rex W., & Van Midgley American Theatre Co., San Pablo Ave. and 17th St., Oakland.
Architect—Willis C. Lowe, Monadnock Bldg., San Francisco.
Contractor—P. A. Palmer, Monadsock Bldg., San Francisco.
The concrete will be poured this week.

Concrete and Carpenter Work Bids Being Taken.
ALTERATIONS Cost, $60,000
SAN FRANCISCO, SE Grant Ave. and Sutter St.
Install 3 passenger elevators, stairway between 1st and 2nd floors and fire escape and other alterations for department store.
Owner—The White House (Raphael Weill & Co.), Premises.
Constr. Mgr.—Frederick Whitton, 369 Pine St., San Francisco.
Later bids will be taken for marble work, glass, plastering, painting, etc.
Elevators awarded to Otis Elevator Co.

Lowest Bidder to be Awarded Contract
STORE & LOFT BLDG. Cost, $10,000
BERKKELEY, Alameda Co., Cal. No. 2027-29 San Pablo Avenue.
Two-story reinforced concrete store and loft building.
Owner—S. B. Hoy, 1006 University Ave. Berkeley.
Architect—Geo. Rushfofth, 354 Pine St., San Francisco.
C. Texdahl, 3035 Harper St., Berkeley $11,032
H. P. Nelson 11,450
Walter Murch 11,543
McIntosh Bros. 11,800
Alfred H. Vogt..... 13,440

Segregated Figures Being Taken—Concrete Bids In.
ADDITION Cost, Approx $800,000
SAN FRANCISCO, SE 6th and Market Streets (on the 6th St. side running to Stevenson).
15-story class A addition to present office building.
Owner—Western States Life Ins. Co., premises.
Architect—Reid Bros., 105 Montgomery Street, San Francisco.
As reported before the steel has been awarded to Dyer Bros. and the terra cotta to Gladding-McBean Co.

Plans Being Prepared.
BUILDING Cost, $50,000
MERCED, Merced Co., Calif. One-story concrete sales building.
Owner—Louis R. Lurie, 315 Montgomery St., San Francisco.
Lessees—Fleutsch & Lewis Motor Co., Merced (Studebaker Agents).
Architects—O'Brien Bros., 315 Montgomery St., San Francisco.

Plans Completed—Work Starts May 15
STORES Cost, $60,000
EUREKA, Humboldt Co., Cal. Fifth & G Streets.
One-story frame and stucco (5) stores 110x120 feet.
Owner—Ricks Block.
Architect—Frank T. Georgeson, 4th & E Sts., Eureka.

Contract Awarded.
ADDITION Cost, $——
NAPA, Napa Co., Cal. Third and Coombs Sts.
One-story addition (17 offices) to present one-story store building.
Owner—W. H. Young (Young Hardware Co.), Premises.
Architect—C. L. Hunt, Napa, Calif.
Contractor—Coffield & Arnitz, Napa.
Plumbing and heating contract awarded to H. C. Kinder, Napa.

To Be Done By Day's Work.
STORE & OFFICE Cost, $25,000
SAN FRANCISCO, SE Geary St. and 22nd Ave.
Two-story and basement concrete store and office building.
Owner—W. A. Savage, 5450 California St., San Francisco.
Architect—C. O. Clausen, Hearst Bldg., San Francisco.

Plans Being Prepared — Contract Awarded.
STORE BLDG. Cost, $115,000
OAKLAND, Alameda Co., Cal. N Broadway 150 S 19th St.
Three-story and basement reinforced concrete store building.
Owner—Smith Bros.
Architect—E. Geoffrey Bangs, 1st National Bank Bldg., San Francisco.
Contractor—Chas. W. Heyer, Mills Bldg., San Francisco, and Dalziel Bldg., Oakland.

SAN FRANCISCO—Wm. Randolph Hearst, Hearst Bldg., has 30-day option to purchase the Russ Building property in Montgomery St. Should deal be conhumated Mr. Hearst plans early construction of a 12-story office building on the site.

ASTORIA, Ore.—C. R. Higgins, president, Astoria National Bank and others, plan erection of 4-story fireproof bank and office building in 12th St., bet. Commercial and Duane Sts.; est. cost $250,000.

COOS BAY, Ore.—Archts. Tourtelotte & Hummel, 311 Falling Bldg., Portland completing plans for 2-story concrete, 50 by 100 ft. bank to be erected in this city. Will contain, in addition to bank quarters, 3 stores with offices on 2nd floor.

EAST SAN DIEGO, Cal.—Bank of East San Diego, a newly organized bank, with a capital stock of $100,000 will be erected at University Ave. and Van Dyke St. C. G. Mitchell, present cashier of the University Ave. Bank, is one of the organizers.

(Continued on Page 19)

Ligni - Salvor

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(Registered)

has antiseptic properties of the highest efficiency (containing about 60% of Crude Carbolic Acid), can be applied anywhere and by anybody on new or old woodwork exposed to moisture or climatic influences, either by painting with a brush or by soaking the wood to be preserved in it. It covers about 300 to 350 sq. ft. of dressed lumber per gallon—one color only, bright NUT-BROWN.

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BOATHOUSES and Wharves, Bathhouses and Drydocks.
CONTRACTORS, on Wagons, Trestle Work, Bridges, Dams, Wood Paving and Plank Road.
CANNERIES, Mills and Factories, on flooring and all exposed woodwork.
MINERS and Quarry Men, for Supports, Braces in Shafts, Carts, Etc.
OWNERS OF STABLES, Ranchers, as a disinfectant of unclean and infested Stables and Barns, against woodworm, as a preventative against chewing of woodwork by horses and to keep Vermin out of Chicken Coops and Kennels, it stands unrivalled.
SHIP and DOCK BUILDERS, on Ship's Hulls, Boats, Casks, Tubs, Masts, Spars, running and standing Rigging, Ropes, Sails, Tarpaulins, and for Harbor Construction (against Teredo and Limnoria.)
WATER and IRRIGATION COMPANIES, on Sluiceways, Waterways, Locks and Cribs.
LIGNI-SALVOR is extensively used as specified by leading Architects on such well known buildings as **New York Public Library, Rockefeller Hall, Cornell University, Adirondack League Club**, residences of late **Andrew Carnegie**, the **Roosevelt** family and over **700 Churches** in the United States. The **United States Embassy at Rio de Janeiro** is treated with **Ligni-Salvor**. The **Kiel Canal** is treated on all locks, steps, braces and platforms, and the Chief Engineer states the preserving qualities of **Ligni-Salvor** to be eminently satisfactory.
In Barrels, holding about 50 gallons, at $2.00 per gallon, in Jacketed Cans, holding 5 gallons, at $11.25 per can. **NET F. O. B. SAN FRANCISCO of**

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Official Proposals

NOTICE TO BIDDERS

(Stege Sanitary District)

Notice is hereby given that the Stege Sanitary District Board at their next regular meeting, **Friday, June 1st, 1923, at 8 P. M.**, will receive and open bids for sewer extensions on Moser Lane, Blake Street and Elm Street, in the City of El Cerrito, and described as follows:

514.6 feet of 6 inch sewer on Moser Lane between San Pablo Ave. and Lexington St., to include 2 manholes.

142 25 feet of 6 inch sewer on Blake Street extended north from end of present sewer, including one lamphole.

265.6 feet of 6 inch sewer on Elm Street, north from end of present sewer, including one manhole and one lamphole.

The above named sewers are to conform to plans and specifications which will be on file after May 15th with J. E. Peters, 188 San Pablo Ave., and will be open at that address for inspection by interested parties.

It will be necessary to itemize bids, so as to show cost of extra manholes, lampholes, wye connections, etc.

The Sanitary Board reserves the right to reject any or all bids.

H. L. VAN FLEET,
Secretary Stege Sanitary Dist. Board.

BIDS WANTED FOR REMODELING COURTHOUSE BUILDING

NOTICE TO CONTRACTORS

Treasury Department, Office of Supervising Superintendent of Construction, Room 402, U. S. Post Office Building, San Francisco, Calif., May 5, 1923. Sealed proposals will be opened in this office at 12 o'clock m., June 14, 1923, for remodeling for Internal Revenue Bureau, Etc., at the U. S. Courthouse, Post Office and Custom House, Los Angeles, Calif. Drawings and specification may be obtained from the Custodian at Los Angeles, Calif., or at this office, in the discretion of the Superintendent. Wm. Arthur Newman, Superintendent.

NOTICE TO CONTRACTORS

(Yuba City Union High School Dist.)

Notice is hereby given that sealed bids will be received by the Board of Trustees of the Yuba City Union High School District, Yuba City California, at the office of the Clerk of said Board at the Principal's office in the temporary high school, located in Yuba City, Sutter County, California until **8 o'clock P. M., Monday, May 21st, 1923,** for the concrete work, mason work and carpenter work combined of the shop building of the Yuba City Union High School, according to plans and specifications prepared for the same by George C. Sellon & Company, the authorized architects.

Plans and specifications can be seen at the office of the Clerk of the Board at Yuba City, California, and may be seen at or obtained from the office of the Architects, 203 Mitau Building, Sacramento, California. A cash deposit of $25.00 will be required from all prospective bidders on all copies of plans and specifications loaned out, as a guarantee of the same being returned.

All bids shall be received with alternate propositions, and all shall be presented on blank forms which may be procured at the office of the Architects. Each bid must be accompanied by a certified check on some responsible California bank for a sum of not less than ten per centum (10%) of the amount of the bid, made payable to V. W. Cooley, Clerk of the Board of Trustees, as a guarantee of good faith that the party to whom the contract may be awarded will, within ten days after the award is made, enter into the necessary agreement and furnish the necessary bonds for faithful performance of said work, and in case the bidder to whom the contract is awarded fails or refuses to enter into said agreement, or to furnish said bonds, said check will be forfeited to the said School District in the manner provided by law. Each bid must be enclosed in a sealed envelope and addressed to V. W. Cooley, Clerk of the Board of Trustees of Yuba City Union High School District, Yuba City, California.

The Board of Trustees expressly reserves the right to reject any or all bids.

By order of the Board of Trustees of Yuba City Union High School District, Yuba City, Sutter County, California.

V. W. COOLEY,
ARTHUR COATS,
E. L. DAVIS,
H. C. McMAHON,
High School Board of Yuba City Union High School District.

> A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.
>
> **Rate:** 10 cents per line, per insertion.
>
> All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

NOTICE TO CONTRACTORS

(Pipe & Water Works Equipment)

Sealed Proposals will be received by Victor D. McCarthy, City Clerk of the City of El Segundo, at the City Hall of said City, up to and including **8:00 o'clock p. m., Tuesday, May 22nd, 1923,** for furnishing to said City the following material and equipment:

2160 lin. ft. 10-in. Cast Iron Water Pipe.
7440 lin. ft. 8-in. Cast Iron Water Pipe.
7560 lin. ft. 6-in. Cast Iron Water Pipe.
8400 lin. ft. 4-in. Cast Iron Water Pipe.
26,000 pounds Cast Iron Water Pipe Fittings.
20 2-in. I. B. B. M. Gate Valves.
30 4-in. I. B. B. M. Hub End Gate Valves.
20 6-in. I. B. B. M. Hub End Gate Valves.
12 8-in. I. B. B. M. Hub End Gate Valves.
3 10-in. I. B. B. M. Hub End Gate Valves.
70 Fire Hydrants.
80 Cast Iron Valve Box Covers.
1 100,000-gal. Steel Tank with tower.
2 Horizontal Centrifugal Pumping units with Electric Motors.

The City reserves the right to increase or decrease the above amounts of Cast Iron Pipe, Fittings, Gate Valves and Fire Hydrants by ten (10%) per cent.

All of the above material and equipment shall meet the requirements and be in conformity with the specifications therefor on file in the office of the undersigned City Clerk. Copies of said Specifications together with the blank form of proposal, may be obtained at the City Hall of said City of El Segundo, or at the office of Olmsted & Gillelen, 1112 Hollingsworth Bldg., Los Angeles.

Each Proposal shall be accompanied by a certified check equal in amount to ten (10%) per cent of the total bid.

The City reserves the right to reject any or all bids.

By order of the Board of Trustees of the City of El Segundo, California.

VICTOR D. McCARTHY,
City Clerk.

NOTICE TO CONTRACTORS

(Rowell School Addition, Fresno)

Pursuant to an order of the Board of Education of the City of Fresno School District, Fresno, California, duly made and entered in its minutes on the 30th day of April, 1923, notice is hereby given that said board will receive **up to 5 o'clock P. M., of May 24, 1923,** sealed proposals for the furnishing of labor and materials for the construction of an eight room addition to the Chester Rowell School Building in the City of Fresno. Bids will be taken separately for the different segregated contracts, as follows:

Contract "A"—Excavation, Concrete Work, Carpenter Work and Glazing.
"B"—Brick Work.
"C"—Iron Work.
"D"—Roofing.
"E"—Plumbing.
"G"—Galvanized Iron Work.
"H"—Lath and Plastering.
"I"—Electric Wiring.
"J"—Painting.
"K"—Finish Hardware.
"L"—Finish Hardware.

Plans and specifications together with form for submitting bid may be obtained at the office of the Trewhitt-Shields Company, 435 Rowell Building, Fresno, the authorized agent of the said Board

A certified check equal to 10 per cent of total amount of bid submitted must accompany the proposal.

The Board reserves the right to reject any or all bids.

By order of the Board of Education.

L. L. SMITH, Secretary.

NOTICE TO CONTRACTORS

(Manual Training Building and School Addition)

The Board of Education of the City of Santa Cruz will receive sealed bids for the erection of a Manual Training Building to be erected on Otis street, Santa Cruz, and an addition to the Garfield Park School Building, Santa Cruz, in accordance with plans and specifications now on file at the office of the Superintendent of Schools, City Hall, Santa Cruz. Bids to be separate and to be in on or before **7 o'clock p. m., May 28th, 1923,** at which time and place they will be publicly opened and read.

By order of
THE BOARD OF EDUCATION
J. W. LINSCOTT,
Secretary.

QUANTITY SURVEYOR
and Valuation Engineer
Buildings and Engineering Works
ARTHUR PRIDDLE
693 Mission Street, at Third St.
San Francisco, Calif.
Telephone Douglas 8-4-9-3

BIDS WANTED FOR HIGHWAY IMPROVEMENT

STATE OF CALIFORNIA

DEPARTMENT OF PUBLIC WORKS

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of **the California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock p. m., on June 4, 1923,** at which time they will be publicly opened and read for construction in accordance with the specifications therefor to which special reference is made, portions of State Highway as follows:

Los Angeles County, between Fish Canyon Road and Azusa (VII-LA-9-G) about one (1.0) mile in length, to be graded and paved with Portland Cement concrete.

Plans may be seen and forms of proposal, bonds, contracts and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineers' offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal for full directions as to bidding, quantities of work to be done, etc.

The Department of Public Works, acting by and through the California Highway Commission, reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

H. M. TOY,
LOUIS EVERDING,
N. T. EDWARDS,
California Highway Commission.
R. M. MORTON,
State Highway Engineer.
W. F. MIXON, Secretary.

Dated May 7, 1923.

BANKS, STORES & OFFICES

(Continued from Page 17)

LOS ANGELES, Cal.—Otis Elevator Co. has been awarded a contract at $350,000 for installing new elevators in the May Department Store Bldg. at 8th St. and Broadway. Albert C. Martin, 430 Higgins Bldg., is the architect. The contract includes 12 passenger and 4 freight elevators, and 2 escalators from 1st floor to the basement.

MANTECA, Stanislaus Co., Cal. — Frank C. Kuhn, Modesto, at approx. $7,000 awarded contract by Manteca Telephone Co., to erect one-story brick 25 by 62 ft. phone exchange. J. H. Hoose Ramont Bldg., Modesto, architect. Will have pressed brick front.

LOS ANGELES, Cal.—Archts. Curlett & Beelman, 408 Union Bank Bldg., are preparing plans for a 6-story and basement class A store and loft bldg. to be erected at 9th and Olive Sts. for Sun Realty Co. It will be designed for 12 sto Dimensions, 86x160 ft., reinf. conc. construction, plate glass, marble and tile work, steel sash, elevator, steam htg.

HANFORD, Kings Co., Cal.—Spears Bros., Hanford, have purchased site 112½ by 111 feet and will erect one-story brick store building; est. cost, $20,000. Will have glazed brick front.

LOS ANGELES, Cal.—Archt. Arthur S. Heineman, 831 San Fernando Bldg., has prepared plans for a 3-story class A bldg. to be erected at n.w. cor. 15th St. and Grand Ave. for Chansior & Lyon, automobile supplies. It will be 110x165 ft. reinforced conc. constr. terra cotta facing, plate glass windows, marble and tile work, steel sash, metal skylights, elevators.

LOS ANGELES, Cal.—Scofield Engineering-Construction Co., Pac. Finance Bldg., has been awarded the general contract for erecting two class A mercantile bldgs. at 9th and Los Angeles Sts. for the Cooper Dry Goods Co. Curlett & Beelman, 408 Union Bank Bldg., archts. The main bldg. will be 11-story, mezzanine and basement, 150x160 ft. The shipping bldg. will be 1-story and basement, 100x100 ft., and is designed for 11 stories. Reinf. conc. constr., flat slab system, stucco exter., terra cotta entrance, marble and tile work, steel sash, plate glass, passenger and 2 freight elevators, sprinkling system.

LOS ANGELES, Cal. — Architects Morgan, Walls & Morgan, 1124 Van Nuys Bldg., have completed plans for a two-story Class C mercantile building to be erected at 7th and Carondelet Sts., for Mrs. McKinley. Dimensions, 50x100 ft., brick walls, stucco exterior, cast stone trim, composition roofing.

LOS ANGELES, Cal.—Archt. John M. Cooper, 320 Marsh-Strong Bldg., is preparing plans for a 2-story class C auto supply sales bldg. to be erected at s.e. cor. of 18th and Hill Sts., for Garland & Dixon. Dimensions 100x133 ft., brick walls, rug brick facing, plate glass, reinf. conc. lintels, comp. rfg. metal skylights, steel sash, mezzanine floor.

SEATTLE, Wash. — Archt. Jas. E. Blackwell, Hoge Bldg., Seattle, rejects general contract bids for 10-story steel, concrete and terra cotta Schafer Bros. bldg. to be erected at 6th ave. and Pine St., as being too high. Owners decide to erect two-story unit at this time and bids will be asked for this portion immediately. Site is 120 by 63 ft.

LOS ANGELES, Cal.—Archts. Walker & Eisen, 325 Pac. Finance Bldg., are preparing plans for a 13-story, class A bank and office bldg. to be erected on south side of 8th St. and extending from Main St. to Spring St. The site has been purchased by a local syndicate including J. B. Lilly, Paul B. Fletcher, Geo. H. Woodruff, Milton Kauffman, A. R. Walker and P. A. Eisen. The first floor, mezzanine and basement will be occupied by a new bank and each of the upper stories will contain 18 offices. Dimensions 102 by 120 ft., terra cotta and press. brick facing, plate glass, marble and tile work, elevators, steam htg.; $1,000,000.

LOS ANGELES, Cal.—The Bank of Italy has secured a 99-year lease on the lot at n.w. cor. of Hollywood Blvd. and Cherokee Ave. and plans the erection of a class A bank and office bldg. to cost $250,000. The site is 90x105 ft.

THEATRES

LOS ANGELES, Cal.—Archt. L. A. Smith, 4354 W 3rd St., is preparing plans for a 2-story brick theatre and store bldg., 70x150 ft. with auditorium to seat 1000 to be erected on York Blvd., bet. Ave. 51 and Ave. 52, for J. C. Eaddeley, owner, Citizens National Bk. Bldg.; West Coast Pictures, Inc., lessee. The bldg. will be of Egyptian style, of brick constr., with plas. exter.; est. cost, $75,000. Approx. $60,000 will be expended for interior finishings and equipment. The organ will cost $20,000.

COMPTON, Los Angeles Co., Cal.—Ramsey & Bemus, subdividers, will start work on brick theatre building and a store building, $100,000 and $30,000 respectively, within a few weeks. Theatre will be at Tamarind and Magnolia Sts., and store building at N. Wilmington and Orange Sts.

WHARVES & DOCKS

LOS ANGELES, Cal.—Bids for furnishing harbor commission a quantity of lumber for construction of wharf at berth 91, under spec 463, submitted May 1, were: E. K. Wood Lbr. Co., 310 Pacific Finance Bldg., (1) Douglas fir, rough No. 1 common, $37 to $46 per M ft., according to quantity and size (specified), 2 redwood lbr., rough No. 1 common, $45 and $57 per M, complete delivery within 30 days. Chas. R. Mccormick Lbr. Co., 1100 Lane Mtge. Bldg. (1) $40, (2) no bid; delivery within 30 to 45 days. San Pedro Lbr. Co., 1518 Central Ave., (1) $41 all sizes, (2) $58 and $65; delivery 40 to 50 days. The McLeod Lbr Co., 933 Central Bldg., (1) $40.50 to $44.50 according to size and quantity, (2) $40.50 and $41.50; time of delivery not specified. Hammond Lbr. Co., 2010 S Alameda St., (1) $37.50 to $44.50, (2) $46 and $56; delivery within 30 to 45 days.

SAN DIEGO, Cal.—Engineer Frank G White, Ferry Bldg., San Francisco, has written to city council urging that that body let a contr. as soon as possible for the apron wharves on the new mole type pier. He estimates the cost of 10 steel doors and 19 sliding doors for the pier warehouse at $17,500 and the cost of rails for the spur track at $21,500.

MISCELLANEOUS BUILDING CONSTRUCTION

EUREKA, Humboldt Co., Cal.—The Humboldt Standard, a daily newspaper of Eureka, has purchased site at northeast corner of Sixth and G Sts. and will erect new plant, two stories in height of frame and stucco construction. New equipment will be installed.

LOS ANGELES, Cal.—Gans Bros. & Lesser, 812 S Spring St., **have taken a 99 year lease on the property at 437-39 S Hill St. and contemplate the erection of a 6-story class A bldg. to cost $400,000.**

LOS ANGELES, Cal.—The engineering dept. of the Los Angeles Ry. Co. is preparing plans for an new shop unit to be erected at 54th St. and South Park Ave. It will be 100x400 ft., brick and steel constr. and will cost about $150,000. Plans are also being prepared for a new car barn of similar constr. It will be 350x500 ft. and will cost about $500,000.

FRESNO, Fresno Co., Cal.—Until May 17, 3 P. M., bids wil be rec. by Chas. Dillon, Commissioner of Finance, to alter and repair Fire Engine House No. 2 in Van Ness Ave. Coates & Traver, Architects, 626 Rowell Bldg., Fresno. Cert. check 10% payable to city req. with each bid. Plans obtainable from architects.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Further information regarding these opportunities may be had from Domestic and Foreign Trade Bureau, Chamber of Commerce, Merchants Exchange Bldg., by referring to index number:

6990 — Tokio, Japan. Party is desirous of being put in touch with exporters of glass, tiles, putty, etc.

6992—South Pasadena, Calif. Party is in a position to supply large tonnage of volcanic cinders and volcanic ash in three colors in addition to gray and black.

6993—Kobe, Japan. Lumber importer wishes to purchase direct from manufacturer large amount of Pacific Coast lumber.

6996—Florence, Italy. Manufacturer of "Albor," a metal polish, and "Alborina," a polish for floors, mirrors and furniture, desires to be put in touch with firms which may consider the purchase of the manufacturing rights of these polishes.

7004—Tokio, Japan. American gentleman who has been in business in Japan for 24 years seeks connections with local exporters on a commission basis. Has a large clientele.

7007 — Tsinanfu, China. American gentleman, formerly employed by the American Red Cross, in Siberia, and at present connected with the Asia Development Company in China, wishes to act as representative for American firms in Siberia. Speaks Russian fluently.

Engineering News Section

BRIDGES

HANFORD, Kings Co., Cal.—Until June 5, bids will be rec. by supervisors to const. rein. conc. bridge, 210 ft long, consisting of 7 spans, 30 ft. each, on Rd. No. 755 in Dist. 4, spanning North Fork of Kings River; 48 rein. conc. piles involved. Roy May, county surveyor.

CHEHALIS, Wash.—Until May 26, bids will be rec. by Lewis County Commissioners to const 220 ft. steel bridge at Bremer; will have conc. piers and timber approaches.

SAN ANSELMO, Marin Co., Cal.—W. L. Proctor, Rosenberg Bldg., Santa Rosa, at $55,393.57 awarded cont. by town trustees to const. concrete bridges in various sections of town, in addition to grading, paving and curbing at approaches.

EVERETT, Wash.—Until May 21, bids will be rec by Snohomish County Commissioners to const. 3 steel bridges; all to have conc. floors and piers. Inv. approx. 500 tons steel; 2 structures to be 210 ft. long and another 220 ft. Plans obtainable from county clerk at Everett or (M. M. Caldwell, ch. eng.), Union Bridge Co., Central Bldg., Seattle, eng. for project.

SAN FRANCISCO—Board of Supervisors recommends to State Board of Harbor Commissioners construction of viaduct over the Embarcadero to afford safe crossing for pedestrians from the Ferry Bldg., to Market street sidewalk on the south. Several civic organizations have endorsed the recommendation.

SANTA ROSA, Sonoma Co., Cal.—Until May 22, 5 P. M., bids will be rec. by Vida McL. Doggett, City Clerk, to const. rein conc. slab and girder type bridge in A street. Cert. check 10% payable to Mayor req. Plans obtainable from L. L. Mills, City Eng. on deposit of $10, returnable.

LOS ANGELES, Cal.—Until 11 a. m., May 28, bids will be rec. by supervisors to const. culvert on Norwalk-La Mirada road. Will be reinf. conc. double 8x12 ft. box culvert 25 ft. long with reinf. conc. wing walls.

SAN JOSE, Santa Clara Co., Cal.—Hermanson & Bro., San Jose, at $15,476 awarded cont by supervisors to const rein. conc. bridge on Mabury rd. over Coyote creek. Other bids: Wm. Martin, $20,765; John Doyle, $23,967; John Reistch, $29,385; Herschbach & Sciarrino, $20,331. Surveyor's est., $22,260.

SAN JOSE, Santa Clara Co., Cal.—Herschbach & Sciarrino, 408 Park St., San Jose, at $3,428 awarded cont. by supervisors to const. rein. conc. bridge over Campbell Creek in Mountain View and Alviso Rd. Other bids: John W. Williams, $4,528; Wm. Martin, $3,889. Surveyor's est., $3850.

SAN JOSE, Santa Clara Co., Cal.—Wm. Martin, San Jose, at $1607 awarded cont. by supervisors to const. rein. conc bridge in McCoy Ave. in Supervisor Dist. 5. Other bids. Herschbach & Sciarrino, $1672; H. K. Bank of J. E. Lane, $2397; John W. Williams, $2041 Surveyor's est. $1820.

YUBA City, Sutter Co., Cal.—Sutter county supervisors vote to finance construction of bridge over Bear River at Rio Oso. Financial aid will be asked of the Yuba county supervisors.

SAN JOSE, Santa Clara Co., Cal.—County Surv. preparing spec for bridge on Saratoga summit rd., in Supervisor Dist 5. Bids will be asked in 30 days.

PASADENA, Cal.—W. P. Earle, city eng., preparing plans for the new $100,000 rein. conc. bridge to supplant present condemned bridge across the Arroya Seco at Linda Vista Ave.

REDWOOD CITY, San Mateo Co., Cal.—County Surv. Geo. A. Kneese authorized to const. by day labor, a culvert in Alpine Rd.

DREDGING, HARBOR WORKS AND EXCAVATIONS

SAN FRANCISCO — Following bids received by Bd. Pub. Wks. to fur., deliver and drive 60 test piles across S. F. Bay at Dumbarton Straits, Contract 92, Hetch Hetchy Project.

S. F. Bridge Co., (1) fur. & del. piles in the leads ready for driving, $.34 lin. ft.; (2) drive each pile, without use of water jet, pile lengths to 75 ft. $115 each; drive each pile with aid of water jet, pile lengths 50 to 75 ft. $120 each; (4) cut off each pile below water at mud line, $15 each.

Healy Tibbitts Co., (1) $.26, (2) $48; (3) $48; (4) $1.

A. W. Kitchen Co., (1) $.72; (2) $19.80; (3) $24; (4) $20.25.

Hannah Bros., (1) $.40; (2) $55; (3) $75 (4) $30.

Tibbitts-Pacific Co., (1) $.52; (2) $30; (3) $44; (4) $18.

SAN DIEGO, Cal.—See "Government Work," this issue.

OAKLAND, Cal.—Council, E. K. Sturgis, city clerk, appropriates $10,000 to purchase materials for operation of pile driver dredger, wharves and other equipment operated by Harbor Dept.

EUGENE, Ore.—See "Waterworks," this issue.

LOS ANGELES, Cal.—United Dredging Co., Central Bldg., awarded cont. by Harbor Comm. at 29.9c for dredging at Los Angeles harbor, involv. approx. 43,000 cu. yds.

STOCKTON, San Joaquin Co., Cal.—W. A. Betchel Co., 618 Estudillo Ave., San Leandro, awarded cont. by Western Pacific R. R. to const. approx. 2 mi. of levee immediately south of Stockton.

SAN FRANCISCO — United Commercial Co., 234 Stuart St., at $15,000 purchases, at public auction, from Board of Public Works: One 75-ton Heisler geared locomotive, manufacturer's shop No. 1369. This equipment was used on Hetch Hetchy Railroad.

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IRRIGATION PROJECTS

PHOENIX, Ariz.—Plans for the formation of a project to be known as the Roosevelt Irrigation Dist. No 1, were completed recently before the Maricopa county supervisors. The project comprises the Carrick and Mangham Agua Fria Lands & Irrigation Co., properties, approx. 20,000 acres, which with the holdings of 115 individuals total 39,000 acres. The water supply will be obtained by diverting the unappropriated and flood waters of the Gila and Agua Fria rivers, installation of pumps within the dist., and from surplus waters of other irrigation districts. Directors are: C. Rodney McDonald, S. Carl Miller and T. J. Roberts.

MERCED, Merced Co., Cal.—Several aplications have been filled with directors of Merced Irrigation District seeking appointment to position of chief engineer, made vacant through the death of Rex C. Starr.

MERIDIAN, Sutter Co., Cal.—H. T. Reupke, Los Banos, at $33,222.21 awarded cont. by Reclamation District No. 70 Sutter County, to clean ditches & main drainage canals in addition to const. culverts and bridges. Other bids: Ajax Dredging Co., $35,596.05; John Phillips Merced, $38,823; Haas and Doughty, $45,074.12; Tieslau Bros. $45,423.41.

LIGHTING SYSTEMS

LONG BEACH, Cal.—C. W. Sparks, 310 San Fernando Bldg., Los Angeles, low bidder at $19,945 to const. ornam. light system on Anaheim St. from American Ave. to Daisy Ave. Newbery Elec. Corp. bid $21,000; Butte Eng. & Mfg. Co., $21,250.

LOS ANGELES, Cal. — City council plans installation of a lighting system on Hollywood Blvd. bet. Vine St. and Vermont Ave. Cost approx. $4.64 per front ft. Protests May 9.

FRESNO, Fresno Co., Cal. — Valley Electrical Supply Co., 1817 Tulare St., Fresno, at $17,748 submits low bid to council to install 99 electroliers with conduits and appurtenances in portions of Van Ness Blvd., Moroa Ave., etc. Other bids: Electrical Construction Co., $20,545; Robinson Electric Co., $20,000; Paulson Construction Co., $19,465.

FRESNO, Fresno Co., Cal.—Valley Electrical Supply Co., 1817 Tulare St., Fresno, at $17,748 awarded contract by council to install 99 electroliers with conduits and appurtenances in portions of Van Ness Blvd., Moroa Ave., etc.

SAN DIEGO, Cal.—See "Government Works and Supplies," this issus.

LOS ANGELES, Cal.—H. H. Walker, 1800 W 12th St., submitted low bid to Bd. Pub. Wks. at $27,861 for const. ornam. light. system in 16th St., bet. Figueroa and Hoover Sts. Paulson Constr. Co. bid $29,234.

MACHINERY & EQUIPMENT

LOS ANGELES, Cal. Until 3 P. M., May 15, bids will be rec. by public service comm., 207 S. Broadway, for pumps and motors, under spec. 662. Jas. P. Vroman, Secy.

PASADENA, Cal.—Western, Manning, Maxwell & Moore Co. awarded contr. at $18,893 for fur. a Shaw crane for the municipal lighting plant.

LOS ANGELES, Cal.—Until 3 p. m., May 18, bids will be rec. by public service comm., 207 S Broadway, for gate valves under spec. No. 665. Jas. P. Vroman, secy.

RENO, Nevada — Washoe County Commissioners vote to purchase at cost not to exceed $9000, one gasoline shovel of ¾ or yd. capacity together with portable compressor for drilling purposes. Bids will be asked for this equipment immediately.

LOS ANGELES.—Until 3 p. m., May 15, bids will be rec. by public service comm. 207 S Broadway, for one 20 K. W. motor generator set, to be used at City's Central Receiving sub-station No. 1 for charging a 60-cell storage battery. Spec. P-309-360. Jas. P. Vroman, secy.

LOS ANGELES, Cal.—Until 3 p. m., May 18, bids will be rec. by public service comm., 207 S Broadway, for test bench, wire tipper, universal terminal connector complete, one Duplex growler, under cutter, magnetizer, cadmium test metre, test prods, battery terminal puller, 24 spark plug terminals, headlight terminals, tail light terminals, etc. Joint Adv. No. 111. Jas. P. Vroman, secretary.

FRESNO, Fresno Co., Cal—Until June 28, 8 p. m., bids will be rec. by L. L. Smith, secy., Board of Education, 2525 Tuolumne St., Fresno, for fur. one Crescent No. 55 Universal Wood Worker, regular equipment, complete as described and illustrated on Page 94 to 103, A. L. Young Machinery Co. Ct. or equal. Further information obtainable from secretary.

LOS ANGELES, Cal.—Until 3 p. m., June 1, bids will be rec. by public service comm., 207 S Broadway, for globe valves under spec. No. 666. Jas. P. Vroman, secy.

SAN JOSE, Santa Clara Co., Cal.—Smith-Booth-Usher Co., 50 Fremont St., San Francisco, at $9025 with alt. bid of $9,275, submits low bid to supervisors for fur. one double drum electric driven hoist to operate a 4-yd. drag line scraper for county rock quarry. Joshua Hendy Iron Works, 75 Fremont St., San Francisco, submitted only other bid at $13,540. Taken under advisement.

WASHINGTON, D. C.—See "Government Work and Supplies," this issue.

RAILROADS

MOJAVE, Kern Co., Cal.—Utah Constr. Co., Phelan Bldg., San Francisco, awarded contr. by S. P. Co. to const. 12 mi. second track from Mojave, Kern county, to Camerson, Kern county, involv. 85,000 cu. yds. excav. Work in charge of engineering dept., San Francisco.

BAKERSFIELD, Kern Co., Cal.—Southern Pacific Co., S. P. Bldg., San Francisco, authorized by Intersate Commerce Commission to const. new line, 21-mi. in length, running out of Bakersfield into agricultural territory.

SAN DIEGO, Cal.—See "Wharves and Docks," this issue.

FIRE EQUIPMENT

TULARE, Tulare Co., Cal.—City trustees contemplate bond election for $50,000 to purchase fire fighting equipment

MISCELLANEOUS SUPPLIES

EUREKA, Humboldt Co., Cal.—American Rubber Mfg. Co., 417 Market St., San Francisco, awarded cont. by council for fur. 500 ft. 2½-in. and 250 ft. 1½-in. fire hose at $.88 and $.60 per ft. respectively.

FAIRFIELD, Solano Co., Cal.—City trustees authorize purchase of 250 ft. 3-in. fire hose.

OROVILLE, Butte Co., Cal.—Truscon Steel Co., 709 Mission St., San Francisco, at $1266 submits low bid to Oroville-Wyandotte Irrigation District for fur. f. o. b. Oroville 33,845 lbs. reinforcing steel bars. Other bids: Edw. L. Soule, $1,270.88; Badt-Falk Co., $1,501.92. Taken under advisement.

OROVILLE, Butte Co., Cal.—Pacific Port. and Santa Cruz Port. Cement Co., submit identical bids to Oroville-Wyandotte Irrigation District, S. J. Norris, ch. eng., for fur. 10,000 bbls. cement at $3.49 per bbl. f. o. b. Oroville. Bids taken under advisement.

OROVILLE, Butte Co., Cal. — E. F. Keith, at $33.90 per M ft., delivered at dam site, submits only bid to Oroville-Wyandotte Irrigation District for fur. 66,000 ft. bridge lumber. Taken under advisement. S. J. Norris, ch. eng.

MODESTO, Cal. — See "Power Projects," this issue.

OROVILLE, Butte Co., Cal.—Following bids taken under advisement by Oroville-Wyandotte Irrigation District, S. J. Norris, ch. eng.:

Joshua Hendy Iron Works, 75 Fremont St., San Francisco, one 42-inch needle valve, $5430; 18-in. valve, $270; 2 42-in. riveted pipe sections, $900; 1 18-in. pipe section, $175; 1 42-in. blind c. i. flange, $97.

Western Pipe & Steel Co., 444 Market St., San Francisco, bid: $892 for 2 42-in. riveted pipe sections and $171 for one 18-in. pipe section. All bids f. o. b. Oroville. Taken under advisement.

PIPE LINES, WELLS, ETC.

SANTA ROSA, Sonoma Co., Cal.—Pacific Gas and Electric Co., 445 Sutter St., San Francisco, appropriates $11,674 to install additional gas pipe lines in Santa Rosa.

ORANGE, Cal.—U. S. Cast Iron Pipe & Foundry Co., 705 Wright & Callender Bldg., Los Angeles, awarded contr. by trustees for 4200 ft. 6-in. and 6800 ft. 4-in. Class B water pipe.

EL SEGUNDO, Cal.—Until 8 P. M., May 22, bids will be rec. by Victor D. McCarthy, City Clerk, for the following material and equipment: 2160 ft. 10-in., 7440 ft. 8-in., 7560 ft. 6-in., 8400 ft. 4-in., cast iron water pipe; 26,000 lbs. cast iron water pipe fittings; 20 2-in., 30 4-in., 20 6-in., 12 8-in., 3 10-in. I. B. B. M. hub end gate valves; 70 fire hydrants; 80 cast iron valve box covers; one 100,000 gal. steel tank with tower; two horizontal contrifugal pumping units with electric motors. Plans may be obtained frm Eng. Olmsted & Gillelen, 1112 Hollingsworth Bldg., Los Angeles. **See call for bids under Official Proposal section in this issue.**

CAMAS, Wash.—See "Waterworks," this issue.

LOS ANGELES, Cal.—Until 3 p. m., May 18, bids will be rec. by public service comm., 207 S Broadway, for c. i. pipe: 2500 pieces 4-in. class B of 12 ft. lengths, each weighing 260 lbs.; 1200 pieces 6-in. class B 12 ft. lengths, each weighing 400 lbs.; 275 pieces 8-in. class B pipe, 12 ft. lengths, each length weighing 570 lbs.; 500 pieces of 6-in. class C pipe in 12-ft. lengths, each weighing 430 lbs.; 750 pieces 8-in. class B pipe in 12-ft. lengths, each length weighing 570 lbs.; 1200 pieces 4-in. class B pipe, in 12 ft. lengths, each length weighing 260 lbs.; 1200 pieces class B pipe, 12-ft. lengths, each weighing 400 lbs. A portion of this is to be delivered f. o. b. cars Santa Monica Canyon spur, care P. E. Ry.; part Aqua Siding, Los Angeles, Santa Fe Ry.; and part at Owensmouth. Alternate bids are also desired at prices per ton f. o. b. Atlantic Seaboard or Gulf Ports. Spec. 666-A. Jas. P. Vroman, secy.

CARDIFF-BY-THE-SEA, Cal.—Lacy Mfg. Co. and Baker Iron Wks., Los Angeles, and Western Pipe & Steel Co., San Diego, awarded contracts by San Dieguito Irrigation dist., to install 26-in. steel main from San Dieguito dam, connecting with the Lake Hodges system and extending to the coast; thence to the town of Cardiff and Encintas and several miles to Merle. The work involves constructing a main trunk pipe line as a conduit for the supply of water to the dist., together with the necessary trenching, trestles and fittings, gate valves, etc. Work to be done involves 10 miles of trench; approx. 10 miles riveted steel pipe; gate valves; blow-off valves, air valves, etc.; 450 ft. pile trestle across Escondido Creek to carry a 26-in. pipe; furnishing of various laterals ranging in size from 12-in. to 2-in. pipe. T. H. King, engr., 920 8th St., San Diego.

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LOS ANGELES, Cal.—Until 3 p. m., May 15, bids will be rec. by public service comm., 207 S Broadway, for riveted sheet steel pipe under spec. 663. Jas. P. Vrooman, secy.

BURBANK, Cal. — Until 7:30 p. m., May 29, bids will be rec. by city clk. F. S. Webster for supplying and laying approx 12,900 ft. 6-in. and 4-in. wrought iron standard screw non-dipped pipe in Olive Ave. Cert. chk. or bond 10%.

SEWAGE DISPOSAL PLANTS

LOS ANGELES, Cal.—Water Works Supply Co., Wright & Callender Bldg., submits low bid to Br. Pub. Wks. at $39,725 for fur. eight sewage screens, bucket elevators and all appurtenant machinery f. o. b. cars at Hyperion Sewage Treatment Plant. They also submitted an alternate at $36,975 for eight 7x7 ft. long sanitatiton-Dollerco drum screens with the plates perforated with twin slots. Other portions of regular spec. go with this alternate, which differs only in size of screens & twin slots. The Dorr Co. bid $54,961 for eight Dorrco screen units each to handle ten m. g. p. d. Each unit to consist of an 8x8 ft. Dorrco screen with screenings .de-watering elevator and direct connected drive units for each. Supervision of erection and of initial operation for 30 days as specified. Equipment etc., to be delivered f. o. b. Hyperion 12 to 14 weeks after award of contract. Approx. 6 weeks required for erection.

MANTECA, San Joaquin Co., Cal.—City votes bonds of $11,000 to construct sewage disposal plant. E. H. Jeffries, city eng.

WHITTIER, Cal.—Harvey, Hanawalt, La Verne, was awarded contr. by trustees at $48,000 to const. lower end of outfall sewer and the disposal work, including Imhoff tanks and sludge beds. This omits the filter. Black & Veatch, Kansas City, and Fay Bldg., Los Angeles, are the consulting engrs. on the project. New bids on the upper end of the outfall involv. approx 10,000 ft. of 18-in., 24-in. and 27-in. cem. pipe will be taken June 4.

MISCELLANEOUS CONSTRUCTION

MODESTO, Stanislaus Co., Cal.—Until May 26, 10 a. m., bids will be rec. by C. S. Abbott, secy. Modesto Irrigation Dist., for construction materials and for labor for building approx. 7.6 mi. of 66,000 volt transmission line and approx. 40-mi. of distribution lines (11,000 and 4,000 volts). Bids will be received on any or all of the following items:

(1) Lump sum bid for 7.6 mi. of completed 66,000 volt transmission line; contractor furnish materials and labor.

(2) (Alt. for item 1) contractor to furnish labor and carry out construction; district to furnish materials.

(3) (Alt. for item 1) itemized bids for any of all line materials.

(4) Contractor to furnish all labor and carry out construction of 40 mi. of distributing lines, comprising both 11,000 and 4000 volt circuits; district to furnish materials going into lines.

(5) (Alt. to items 2 and 4) Contractor to furnish all labor and carry out construction, as specified, of 7.6 mi. of 66,000 volt transmission line and of 40-mi. of distributing lines comprising both 11,000 and 4000 volt circuits; the district to furnish all materials.

Plans and specifications obtainable from secretary on deposit of $5, returnable. Cert. check 5% payable to Dist. req. with each bid. R. J. O'Connell is electrical engineer for district.

OAKLAND, Cal. — Alameda county votes $4,496,000 to finance construction of tube across Oakland estuary. Prel. plans call for a semi-circular tunnel 30 ft across and 14 ft. high. Road for vehicle is provided with foot walks on both side. The tube will run from 4th and Harrison Sts., Oakland, to Webster and Oak Sts., Alameda. Geo. A. Posey, county surveyor.

SEATTLE, Wash.—R. L. Sparger, Seattle, at $107,582 awarded cont. by Bd. Pub. Wks. to const. tunnel in First Ave. under Duwamish waterway.

WATER WORKS

REDWOOD CITY, San Mateo Co., Cal. C. L. Dimmitt, city eng., has been appointed street and water superintendent by the city trustees, succeeding Edw. Dearborn, resigned.

SANTA CRUZ, Santa Cruz. Co., Cal.—Bonds of $400,000 for water works improvements carried at recent election. James K. James, city eng.

MANTECA, San Joaquin Co., Cal.—City rejects proposal to issue bonds of $75,000 to finance purchase and improvement of water works syatem.

EUGENE, Ore. — Morrison-Knudsen Co., Boise, Idaho, at $55,727 submits low bid to Eugene Water Board to widen trail race and canal at power plant near Waterville, involv. 150,000 cu. yds. excavation. General const. Co., Spokane, Wash., next low at $59,626. C. R. Adams of Snelling, Calif., bid $99,430.

SAN DIEGO, Cal.—City Mgr. F. A. Rhodes has presented to city council spec. for water system at Ocean View, a dist. south of the cemeteries annexed last year. The spec. call for 2002 ft. 4-in., 200 ft. 2-in. pipe, six fire hydrants, gate valves, etc.

EL SEGUNDO, Cal.—See "Pipe Lines, Wells, etc.," this issue.

LOS ANGELES, Cal.—Until 3 p. m., May 18, bids will be rec. by public service Comm., 207 S Broadway, for fire hydrants under spec. No. 664. Jas. P. Vroman, secy.

LOS ANGELES, Cal.—Sidney Smith, 2025-29 Bay St., awarded cont. to const. water distributing system for Dilling & Lichty in Florence Ave. Hts. Tr., Hyde Park, involv. 2000 ft. 6-in. screw casing $1.25 ft.; 2500 ft. 4-in. casting 77½c ft.; 5000 ft. 2½-in. pipe dipped 55c ft.; 10,000 ft. 2-in. pipe dipped 42c; and fittings and valves at cost plus 20%. Smith also has a contract with Hoffine Middleton to fur. and lay c. i. water mains with cem. joints, i nthe Belle Mead Tr., involv. 5800 ft. 6-in. class B bell and spigot pipe $1.50 ft.; 8000 ft. 4-in. class B bell and spigot pipe $1.20 ft. Valves and fittings to be paid for extra. Also a contract with Title Insurance & Trust Co. through Tracey E. Shoults Co., for fur. & const. pipe lines for water system in New West Hollywood Tr., involv. 1000 ft. 4-in. pipe 77½c ft.; 5125 ft. 3-in. pipe 65c ft.; 8000 ft. 2-in. pipe 40c ft. Valves and fittings and labor for installing same at cost plus 20%.

DALLAS, Ore.—O. B. Gates, Portland, at $14,816, exclusive of 9 fire hydrants, awarded cont. by council to extend water system in industrial section

CAMAS, Wash.—Until May 22, 8 p. m. bids will be rec. by W. E. Farr, city clerk, for fur. 53,400 lin. ft. 4, 8 and 10-in. pipe for waterworks system. Alternate proposals will be considered on wood pipe, cast iron pipe, galvanized welded steel pipe with threaded couplings, Matheson joint pipe, electric arc-welded iron pipe with special couplings and concrete pipe, according to certain schedules and dependent upon the service required. Bids for concrete pipe must include laying in trenches ready for use. Stevens and Koon, Spalding Bldg., Portland, Ore., Engineers. Cert. check 5% req. with each bid. Spec. and forms for bidding obtainable from clerk.

PLAYGROUNDS & PARKS

SAN MATEO, San Mateo Co., Cal.—Until May 25, 2:30 p. m., bids will be rec. by J. J. Casey, clerk, San Mateo School district, to const. tennis court on Peninsula Ave. School grounds. Cert. check 10% payable to Dist. req. Plans obtainable from Pres. of School Board, Wm. F. Turnbull, at office of Peninsula Water Co., Third Ave., San Mateo.

SAN MATEO, San Mateo Co., Cal.—Fay Imp. Co., Phelan Bldg., Can Francisco, at $3888 submits only bid to council to pave tennis courts in San Mateo city park. Taken under advisement.

SEWERS AND STREET WORK

EL CERRITO, Contra Costa Co., Cal.—Until June 1, 8 P. M., bids will be rec. by H. L. Van Fleet, Sect'y., Stege Sanitary District, to const. sewer extensions in Moser Lane, Blake and Elm Sts., involv. approx. 925 ft. 6-in. sewers, 3 manholes and 2 lampholes. **See call for bids under official proposal section in this issue.**

SAN JOSE, Santa Clara Co., Cal.—San Jose Paving Co., San Carlos and Dupont Sts., San Jose, at $10,173, for asphaltic pavement, awarded cont. by county supervisors to imp. Coe Ave. in Supervisor Dist. 4. Other bids: H. Crummey, asphaltic, $10,382; A. J. Raisch, asphaltic, $10,600; John Doyle, concrete pavement, $11,743. Surveyor's est. concrete, $12,350; asphaltic, $10,910.

LONG BEACH, Cal.—Council declares inten. to imp. Ocean Park Ave., bet. Ocean Blvd. and Broadway, and portions of other Sts.: Grade and oil. 1911 Act.

First alley east of Cerritos Ave. bet. 11th and 10th Sts.: Grade and pave with 4-in. conc.; const. curb.

SAN JOSE, Santa Clara Co., Cal.—Until May 25, 11 A. M., bids will be rec. by Henry A. Pfister, county clerk, to imp. Market St. fronting county property in Supervisor Dist. No. 3. Spec. on file in office of clerk.

SEATTLE, Wash.—F. N. Badolato, Seattle, at $124,321 submits low bid to Bd. Pub. Wks. for East Marginal Way sewer project. Bid taken under advisement.

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LIVE OAK, Butte Co., Cal.—Town trustees voted to pave approx. 60,000 sq. ft. of streets with asph. conc. pavement.

SAN JOSE, Santa Clara Co., Cal.—Until May 22, 11 A. M., bids will be rec. by Henry A. Pfister, County Clerk, to imp. Penitencia Creek Rd. in Supervisor Dist. No. 3. Spec. on file in office of clerk.

LONG BEACH, Cal.—City Mgr. C. H. Windham and city engineering experts decide to prohibit const. of pavement less than 6-in. thick on any city street. For the main arteries, pavement of 12-in. thickness will be required.

SACRAMENTO, Cal.—Until May 17, 9 P. M., bids will be rec. by H. G. Denton, City Clerk, to imp. portions of V and 52nd Sts.: Const. conc. curb and gutter; place c. i. gutter drains with 6-in. vit. manhole connections; const. new conc. and reconst. present manholes; const. sewer service to property line; 1-in. water main connections; grade; 5½-in. asph. conc. pavement in V St. and 4-in. asph. conc. pavement in 52nd St. Cert. check 10% payable to city req. Albert Givan, City Eng.

LONG BEACH, Cal.—Council declares iten. to imp. Elm Ave., bet. 5th and B Sts., by const. conc. curb; 18-in. conc. gutter; grade and pave with 6-in. conc. base and 2-in. asph. wearing surface. 1911 Act.

Inten. declared to imp. Carroll Park East, bet. Eliot and Fourth Sts., and portions of other Sts., by constr. curb; grade and pave with 6-in. cem. concr.; constr. vit. pipe connecting sewers. 1911 Act. A. L. Ferver, City Eng.

LOS ANGELES CO., Cal.—Until June 4, 1923, 2 p. m., bids will be rec. by State Highway Commission, Forum Building, Sacramento, for improving highway as follows: Los Angeles Co., bet. Fish Canyon Rd. and Azusa (v11-LA-9-G) about 1 mi. in length, to be graded & paved with Portland Cement concrete, R. M. Morton, State Highway Eng. **See call for bids under official proposals in this issue.**

SAN BERNARDINO, Cal. — Council declares inten. to imp. under 1911 Act:

F. St., bet. 10th and Base Line Sts.; grade and pave with 5-in. macad. paving; const. curb, gutter;

G St., bet. 9th and Base Line Sts.; grade and pave with 4-in. macad.; construct gutter.

LOS ANGELES, Cal. — Council declares inten. to imp. Normandie Ave., bet. 54th St. and Slauson Ave., and portions of other sts., involv. grade & pave with 6-in. cem. conc.; const. sewers; Vrooman Act.

SACRAMENTO, Cal.—Until May 17, 9 p. m., bids will be rec. by H. G. Denton, city clerk, to imp. portions of V, 51st, Y Sts., and 2nd Ave.: const. vit. sewers with wyes; const. conc. manholes with c. i. curbs and covers. Cert. check 10% payable to city req. Albert Givan, city eng.

LOS ANGELES, Cal.—L. A. Paving Co., 2900 Santa Fe Ave., Los Angeles, submitted low bid to Bd. Pub. Wks. to imp. 5th St., bet. Colyton and Seaton Sts., involv. grading at $3100 (lump sum); 1800 sq. ft. asph. paving 27c ft.; 28,257 sq. ft. Warrenite-bit. paving 29c ft.; 89 ft. curb 75c ft.; 254 sq. ft. walk 26c ft.; 951 sq. ft. conc. gutter 32c ft.; 40 sq. ft. vit. brick gutter 60c ft.; $360 for catchbasins compl.; 60 ft. hse. sewers at $1.95 ft.

F. W. McRae, 5705 Kendall Ave. low bidder to imp. alley e of San Fernando Rd., bet. Maceo and Poplar Sts., involving 12,413 sq. ft. grading to finished subgrade 5c ft.; 12,413 sq. ft. 5-in. cem. conc. 25c ft.; 3943 sq. ft. gutter 30c ft.

SAN FRANCISCO—Until May 23, 3 p. m., bids will be rec. by Bd. Pub. Wks. to imp. Intersection of Great Highway and Sloat Blvd., est. cost $43,000 of which city will pay $38,000. Project involves 981 cu. yds. cut; 5536 cu. yds. fill; 1000 lin. ft. 8x12-in. r.w. headers; 73,100 sq. ft. conc. pavement consisting of 6-in. concrete base with 1½-in. asph conc. surface; 190 cu. yds. gravel surfacing. Spec. obtainable from Eng. Dept Bd. of Pub. Wks., 3rd floor City Hall.

LOS ANGELES, Cal.—Tyron & Brain, 201 Tajo Bldg., submitted low bid to Bd. Pub. Wks. at approx. $259,185 to imp. Western Ave., bet. Slauson and Manchester Aves., involv grading at $25,000 (lump sum); 673,600 sq. ft. 6-in. conc. paving 24.2c ft.; 1217 ft. heavy curb 65c ft.; 14,940 sq. ft. walk 20c ft.; $58,000 for san. sewer compl.; 18,444 ft. light curb at 55c ft. Other bids were:

Geo. H. Oswald—$26,000 grading, 24c paving, 60c reavy curb, 20c walk, $60,000 sewer, 55c light curb; total, $262,770.04.

Griffith Co. — $28,000 grading, 24c paving, 60c heavy curb, 20c walk, $60,000 sewer, 55c light curb; total, $264,770.04.

Jahn & Bressi—$28,700 grading, 23c paving, 65c heavy curb, 20c walk, $66,500 sewer, 55c curb; total, $265,277.88.

W. D. McCray—$25,725 grading, 24.6c paving, 65c heavy curb, 20c walk, $60,000 sewer, 56c light curb; total, $266,134.56.

Joe Mullarkey—$29,000 grading, 23.5c paving, 65c curb, 20c walk, $80,000 sewer, 55c light curb, 20c walk, $80,000 sewer, 55c light curb; total, $282,455.96.

Wells & Bressler—$25,000 grading, 25.2c paving, 65c heavy curb, 23c walk, $82,000 sewer, 55c light curb; total, $292,390.68.

Geo. R. Curtis—$40,000 grading, 24c paving, 75c heavy curb, 25c walk, $80,000 sewer, 65c light curb; total, $299,685.19.

Southwest Paving Co.—$32,500 grading, 30c paving, 70c heavy curb, 20c walk, $67,500 sewer, 60c light curb; total, $318,422.20.

California Constr. Co.—$25,000 grading, 29c paving, 80c heavy curb, 22.5c walk, $97,250 sewer, 70c light curb; total, $336,392.32.

OAKLAND, Cal.—City Council, E. K. Sturgis, clerk, declares inten. to const. conc. curbs and gutters in portions of 93rd, 94th, 95th and 96th Aves., and A St. 1911 Act. Protests May 24. W. W. Harmon, city eng.

SAN FRANCISCO—Until May 23, 3 p. m., bids will be rec. by Bd. Pub. Wks. to imp. Humboldt St., bet. Vermont and Kansas Sts., involv. 400 lin. ft. conc. curb; 44 lin. ft. granite curb; 2 br. catchbasins; 275 sq. ft. art. stone walks 2340 sq. ft. asph. conc. pavement and 8400 sq. ft. conc. pavement.

Bids, same date, to imp. Griffith St., bet. Ingerson and Jamestown Aves., involv. 320 lin. ft. 8-in. and 59 lin. ft. 12-in. ironstone pipe sewer; 2 br. manholes and 18 8-in. wye branches.

Bids, same date, to imp. Goethe St., bet. San Jose Ave. and Delong and Rhine Sts., involv. 1280 cu. yds. cut; 262 cu. yds. fill; 1167 lin. ft. conc. curb; 17,510 sq. ft. asph. conc. pavement.

Separate bids, same date, to improve Edinburgh St., bet. Avalon and Excelsior Sts., involv. 25 lin. ft. conc. curb and 500 sq. ft. asph. conc. pavement.

Bids, same date, to imp. Thomas Ave. bet. Ingalls and pt. 350 ft. westerly, involv. 4900 cu. yds. fill.

Spec. obtainable from office of city eng. M. M. O'Shaughnessy, 3rd floor, City Hall.

GLENDALE, Cal.—Until 7 p. m., May 17, bids will be rec. by City Clerk A. J. Van Wie, to imp. Kenneth Rd. and other sts. under Vrooman Act, involv. 4775 lin. ft. grading; 157,975 sq. ft. 3-in. macad.; 22,905 sq. ft. 5-in. gutter; 8095 ft. class B curb; 32,870 sq. ft. sidewalk; 1600 lin. ft. 8-in. Matheson joint pipe and 270 ft. 4-in. c. i. pipe (laying only).

SAN ANSELMO, Marin Co., Cal.—S. P. Brownlee, Ross and Marin Sts., San Rafael, at $14,465 awarded cont. by town trustees to imp. portions of Sequoia Dr.; const. conc. curb and gutter; rein. conc. retaining wall and iron pipe rail; conc. valleys and catchbasins with c. i. frames and gratings and vit. pipe outlets; conc. pipe culverts; grade and pave with asphaltic macadam of various thicknesses.

PHOENIX, Ariz.—Pacific Constr. Co., 16 California St., San Francisco, awarded contr. by Mariposa county highway comm., at $21,249 for project No. 57, 1 mi. through Glendale, Ariz., involv. 960 cu. yds. excav. 90c yd.; 9060 sq. yds. Warrenite bitul. pavement (No. 2A) $2.25 yd.; no bid on cement (1A) and concr. (3A). Other bids were:

S. B. Shumway—95c excav.; $2.43 cem (1A); No bids (2A and 3A); total, $22,927.80.

J. C. Steel & Co.—$1.80 excav; $2.45 cem. (1A) no bids on 2A and 3A; total $23,925.

Borderland Constr. Co.—$1 excav.; $2.35 cem. (1A); $2.27 asph. conc. (3A); totals, (1A) $22,251; (3A) $21,526.20.

Phoenix-Tempe Stone Co., Phoenix, awarded contr. at $19,188.82 to const. project No. 56, from Buckeye Rd. and So. 19th Ave., east 1 mi. to 7th Ave. at Phoenix, Ariz., involv. 1330 cu. yds. excavation 90c yd.; 57 cu. yds. struct conc $15 yd.; 2124 lbs. reinf. steel 5.5c lb.; 9250 sq. yds. asph. conc. (alternate No. 3A) $1.84 yd.; Price on alternate No. 2A (Warrenite-bitul.) was $1.84. No bids on cement pavement (2A). Other bids were:

Borderland Constr. Co.—$1 excav.; $20 conc.; 10c steel; $2.35 yd. cem. pavement (alternate 1A); alternate No. 2A, no bid; $2.11 yd. alternate 3A; totals, No. 1A, $24,419.90 and No. 3A, $22,199.90

S. B. Shumway—95c excav.; $23.50 concr.; 8c steel; $2.43 1A; no bids on 2A and 3A; total, $25,250.42.

J. C. Steel & Co.—$1.60 excav.; $22 concr.; 10c steel, $2.38 1A; no bid on 2A and 3A; total, $25,609.40.

Borderland Constr. Co., Phoenix, Ariz awarded contr. at $24,198.90 to const. project No. 58, 1 mi., in Mesa, Ariz., involv. 1100 cu. yds. excav. $1 yd; 58 cu. yds. struc. conc. 20 yd.; 2014 lbs. reinf. steel 10c lb.; 9250 sq. yds. cem. conc. pavement (1A) $2.35 yd. No bid on Warrenite-bitul. (2A); $2.27 yd. asph. conc. (3A); total on asph. conc., $23,458. Other bids:

S. B. Shumway—95c excav; $23.50 struc. conc; 8c steel; $2.43 cem. (1A) no bid on (2A) and (3A); total, $25,046.62.

J. C. Steel & Co.—$1.80 excav.; $24 struc. conc.; 10c steel; $2.54 cem; no bids on 2A and 3A; total, $27,068.40.

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LOS ANGELES, Cal.—Griffith Co., L. A. Ry. Bldg., awarded cont. by supervisors at$13,755 to imp. St. Louis Ave., near Long Beach, from 11th St. to 14th St., 1221.7 lin. ft. or .23 mi., under County Imp. No. 6, involc. 948 cu. yds. excav., $1.10 ft.; 3936 sq. ft. walk, 24c ft.; 862 ft. curb, 60c ft.; 6217 sq. ft. gutter, 29c ft.; 4700 sq. yds. 3-in. asph. concr. base, $1.04 yd; 4700 sq yds 2-in. Willite surface, 97c yd.

B. D. Baucus, 626 Roberts Bldg., awarded cont. at $8,142 to imp. Randolph St. bet. Cudahy and Pine Aves. and portions of Pine Ave., 60th and 61st Sts., under County Imp. No. 13, involv. 1529 cu. yds. excav. 85c yd.; 4812 ft. curb, 56c ft.; 19,231 sq. ft. walk, 21c ft. Baucus also awarded cont. at $1243 to imp. Parmelee Ave., bet. Florence Ave. and second alley south, under County Imp. No. 11, involv. 202 cu yds. excav. 95c ya.; 642 ft. curb, 65c ft.; 2446 sq. ft. walk, 24c ft.; 154 sq. ft. gutter, 30c.

SAN DIEGO, Cal.—City Eng. F. A. Rhodes has estimated amount of paving to be done on Santa Cruz Ave., Brighton, Saratoga, Cape May, Narragansett and other Sts., involv. 58,652 sq ft. walks, 680 ft. curb. Work to be done on other streets also, totals 46,612 sq. ft. walks, and 6142 ft. curbs.

ALHAMBRA, Cal.—Until 8 p. m., May 21, bids will be rec. by council to const. sewers as follows:

Almalisor, Cordova, Valencia Sts., Hildago, Granada, Grand Aves. and other sts. and avenues, involv. 22,265 lin. ft. 8-in. vit. sewer pipe; 766 8x4 wye branches; 54 manholes; 7 drop flush tanks; 744 4-in. cast iron hse. connections. 1911 Act.

Birch St., Plum St., Main St., Primrose Ave., La France Ave. and other sts. and aves., involv. 30,054 lin. ft. 8-in. vit. sewer pipe; 924 8x4 wye branches; 79 manholes; 7 drop manholes; 23 flush tanks; 834 4-in. cast iron hse. connections. 1911 Act.

R. B. Walker, city clerk. Grant M. Lorraine, city engr.

LOS ANGELES, Cal.—Until 11 A. M., May 21, bids will be rec. by supervisors to imp. Main St., bet. 76.17 ft. west of Myrtle Ave. and Alameda St., in Rd. Dist 4, 2194 lin. ft. or .42 mi. Cash job 202; involv. 1246 cu. yds. excav.; 3645 sq. yds. shaping roadbed; 3568 sq. yds. 4-in. Willite base; 3568 sq. yds. 2-in. Willite top; 694 sq. ft. conc. gutter; 2695 lin. ft. shaping shoulders. Average haul, .6 mi. from Watts.

LOS ANGELES, Cal.—Until 11 A. M., May 21, bids will be rec. by supervisors to const. top, etc., on present storm drain at mouth of Santa Monica Canyon, one mi. n. w. of Santa Monica, for the County Flood Control Dist. The work is divided into two alternates: (1) wooden top, including decks and stringers, involving 225,000 ft. B. M. Douglas fir; and (2) reinf. concr. top, involv. 800 cu. yds. concr.

ORANGE, Cal.—Pernell Barnett, 630 E Washington St., Orange, awarded contr. by trustees to const. vit. pipe sewer in N Cypress St., bet. West Palm and West Walnut Sts., and in portions of other Sts.; involv.: manholes, flush-tanks, 4-in. laterals, and wye connections.

OAKLAND, Cal.—Until May 17, 12 M, bids will be rec. by E. K. Sturgis, city clerk, to imp. portions of 48th Ave.: grade; const. conc. curbs and gutters; cem. walks; oil macadam pavement; 1911 Act. Cert. check 10% payable to city req. W. W. Harmon, city eng.

LOS ANGELES, Cal.—Until 11 a. m., May 28, bids will be rec. by supervisors to pave Alameda St. in Rd. Dist. No. 4, bet. south city limits of Compton and north city limits of Wilmington, 5.77 mi.; conc. pavement 27 ft. wide and averaging 8¾ in. thick, small section asph. conc. pavement 27 ft. wide and 8 in. thick, Average haul, .67 mi. from nearest P. E. Ry. siding. Cash job 205. Approx. quantities, 90,417 sq. ft. shaping roadbed; 90,417 sq. yds. cem. conc. pavement; 1050 sq. yds. asph. conc. pavement; 4400 tons disint. gran. shoulders; 840 ft. guard fence; 1050 sq. yds. flush coat. County will furnish 32,039 bbls. cem. and 4400 tons disint. granite.

SAN JOSE, Santa Clara Co., Cal.—R. H. Crummey, 121 Pearl St., Oakland awarded cont. by council to imp. 7th St., bet. William and Reed: grade; pave with 1½-in. Warrenite-Bit. surface on 3-in. bituminous conc. base; 1 br. catchbasin; 8-in. vit. pipe drains.

BURBANK, Cal.—Geo. A. Simpson, 315 Jessie St., San Fernando, awarded contr. by trustees to imp. Olive Ave., bet. Front St. and 150 ft. s. of Main St., involv. 995 cu. yds. excav. and 61,270 sq. ft. oiled macad., 12.1c sq. ft. for work complete.

KELSO, Wash.—Long Bell Lumber Co. awards cont. to Bonnell and Savage, Tacoma, at approx. $500,000 for 180,000 sq. yds. conc. pavement and several thousand ft. conc. walks. Wesley Vandercook, ch. eng. for Long Bell Co.

LOS ANGELES, Cal.—City council orders const. of Washington St. and Patrick Ave. storm drain system.

HERMOSA BEACH, Cal.—B. C. Nichols of Los Angeles awarded cont. to imp. Bay View Dr., bet. First and Second Sts., involv. 850 lin. ft. 2x12in. r.w. headers 24c ft. and 8020 sq. ft. 5-in. conc. pavement with 2-course oil and rock screenings surface 24c ft.

RENO, Nevada — Clark and Henery Const. Co., 38 S Sutter St., Stockton, at approx. $3000 has contract for approx. 18,000 sq. ft. paving at air mail service field.

SAN JOSE, Santa Clara Co., Cal.—R. H. Crummey, 121 Pearl St., Oakland, awarded cont. by council to imp. 6th St., bet. Keyes and Humboldt: grade; pave with 1½-in. asph. conc. surface on 3-in. asph. conc. base; conc. gutters.

SACRAMENTO, Cal.—City Commission petitioned to imp. Sacramento Blvd bet. 8th and 14th Aves. by grade, pave and const. curbs and gutters. Taken under advisement. Albert Givan City Eng.

SAN JOSE, Santa Clara Co., Cal.—Council, J. J. Lynch, City Clerk, declares intention to imp. Hobson St., bet. 1st and Poplar Ave.: Grade; pave with 1½-in Warrenite-Bit. surface on 3-in. Bitulithic cem. bituminous base.; conc. curbs and gutters; cem. walks; 2 hyd. conc. storm water inlets with c. i. top, grating and frames; 8-in. vit. ironstone pipe drain. 1915 Bond Act and 1911 Act. Protests May 28. Wm. Popp, City Eng.

LOS ANGELES, Cal.—Until 10 a. m., May 21, bids will be rec. by Bd. Pub. Wks. to imp. Van Ness Ave., bet. Lemon Grove Ave. and Beverly Blvd., involv. 160,651 sq. ft. cem. conc. paving; 1413 ft. cem. curbs; 15,707 sq. ft. walk; 687 sq. ft. gutter; 1127 ft. hse. connections; 3051 cu. yds. cut; Vrooman Act.

AUBURN, Placer Co., Cal.—City trustees will call election to vote bonds to finance paving of streets leading to Grass Valley and Colfax state highway units. Amount to be voted not yet determined. Jerome A. Barieau, City Engineer.

OAKLAND, Cal.—Until May 17, 12 M., bids will be rec. by E. K. Sturgis, City Clerk, to imp. portion of Union St.: Grade, const. conc. curbs and gutters; asph. conc. pavement; cem. walks; 2 br manholes; 3 br. catchbasins; 4-in. vit. pipe conduits. 1911 Act. Cert. check 10% payable to city req. W. W. Harmon, City Eng.

LOS ANGELES, Cal.—Independent Paving Co., 316 E. 4th St., Long Beach, submitted low bid to harbor commission, to pave Badger Ave. and Dock St., the approach to the new drawbridge, involv. grading and filling at $31,777.50 (lump sum); 317,775 sq. ft. 7-in. concr. pavement and 2-in. wearing surface, 38.91c sq. ft. Other bids were Geo. H. Oswald, $16,500 grading; 59.5c paving. Warren Constr. Co., $14,747 grading; 59c paving. L. A. Paving Co., $18,500 grading; 63.5c paving

TEHAMA COUNTY, Cal.—Redmond, Page & Pond, Balboa Bldg., San Francisco, at $143,965.53 awarded cont. by U. S. Bur. of Pub. Roads to const. Mineral Sec., Red Bluff-Susanville Lateral in Lassen Nat'l. Forest, approx. 12 miles; principal items of work include: 631 sta. clearing; 134,324 cu. yds. excav.; 9531 yds. sta. overhaul; 113 cu. yds. Class A and 210 cu. yds. Class C conc.; 13,750 lbs rein. steel; 3802 lin. ft. corru. metal pipe 15 to 24-in.; 56,300 lbs. structural steel.

STOCKTON, San Joaquin Co., Cal.—Until May 22, 10.30 A. M., bids will be rec. by Ansel S. Williams, sect'y., Board of Education, to const. conc. curbs, gutters, walks and pave streets surrounding the Hazelton school. Cert. check 10% req. Spec. obtainable from Sect'y.

SANTA CRUZ, Santa Cruz Co., Cal.—City Council, S. A. Evans, Clerk, declares intention to imp. portion of Younglove Ave. bet. Errett Circle to present conc. pavement in Mission St.: Grade and pave with 5-in. conc. in 2-strips, each 10-ft. wide; const. storm water culverts consisting of corru. metal pipe, comb. catchbasins and manholes. 1911 Act. Protests May 29. James K. James, City Eng.

LOS ANGELES, Cal.—Adam Layer, 509 Grosse Bldg., awarded contr. by Bd. Pub. Wks. at $9663 to imp. Milwaukee Ave., bet. Springdale Dr. and 136.39 ft. n of Fayette St., involv. grading at $1800 (lump sum); 200 sq. ft. concr. paving at 40c ft.; 31,381 sq. ft. oiling and rolling, 7c ft.; 2144 ft. curb, 70c ft.; 10,514 sq. ft. walk, 24c ft.; 4658 sq. ft concr. gutter, 33c ft.

REEDLEY, Fresno Co., Cal.—Until May 15, 8 P. M., bids will be rec. by Hazel Trembley, City Clerk, to imp. Riverview Ave., bet. s. city limits and South Ave., grade, 48 ft. wide and extend 4-in. water main. 1911 Act and Bond Act 1915. Cert. Check 10% payable to city req. with each bid.

TUCSON, Ariz.—Property owners on east Speedway, bet. Stone Ave. and city limits start movement to have entire stree paved. The length is 1½-mi., and the width is 46 ft. The work will include walks from Stone Ave. to Park Ave.

AUBURN, Placer Co., Cal.—Until May 16, 8 P. M., bids will be rec. by Mary H. Wallace, City Clerk, to imp. portions of Cleveland Ave., Reamer, Tuttle, Center Sts., Elm Ave.: Grade and fill; 5-in. conc. pavement; conc. curbs, gutters; laying 48 ft. 8-in. terra cotta pipe. 1911 Act and Bond Act 1915. Cert. check 10% payable to city req. Jerome A. Barieau, City Eng.

PASADENA, Cal.—City Mgr. C. W. Koiner, announces program for street improvement, to be carried out during the summer, comprising the sacrifying and rerolling of 30 streets. W. C. Earle, street supt. and city engr.

AUBURN, Placer Co., Cal.—Until May 16, 8 P. M., bids will be rec. by Mary H. Wallace, City Clerk, to imp. portions of Commercial and Court Sts.: Grade and fill; 5-in. conc. pavement; conc. curbs and gutters. 1911 Act and Bond Act 1915. Cert. check 10% payable to city req. Jerome Barieau, City Eng.

FRESNO, Fresno Co., Cal.—Frederickson and Shannon, Cory Bldg., Fresno, awarded cont. by council to sewer alley in Block 392, involv. 425 lin. ft. 6-in. vit. pipe sewer, $.83 lin. ft.; 1 manhole, $70.

FRESNO, Fresno Co., Cal.—Frederickson & Shannon, Cory Bldg., Fresno, awarded cont. by council to imp. alley in Block 135, bet. Kern and Tulare Sts.: 7576 sq. ft. grading, $.04 sq. ft.; 7576 ft. 6-in. Port. cem. conc. pave, $.24 sq. ft.

FRESNO, Fresno Co., Cal.—Until May 17, 3:30 p. m., bids will be rec. by R. Y. St. George, city clerk, to imp. Abby St., bet. Divisadero and Belmont: grade; const. conc. curbs and gutters; residewalk portions with cem. walks; const. corru. metal culverts with culv. manholes; pave with 3½-in. asph. conc. base with 1½-in. warrenite surface. 1911 Act. Cert. check 10% payable to city req. Wm. Stranahan, city eng.

LOS ANGELES, Cal. — City council orders const. of conc. Hyperion sewage treatment plant, approx. 3200 ft., in connection with the installation and maintenance of the plant. Work involves 63,766 sq. ft. class A conc. pavement; 34,132 cu. yds. excav; partially wasted in fill.

OREGON—Until May 22, 10 a. m. bids will be rec. by C. H. Purcell, Dist. Eng. U. S. Bur. Pub. Rds., 316 New Postoffice Bldg., Portland, to const. Alsea River Sec. 10, widening Natl. Forest Rd. project, in Siuslaw Natl. Forest, Lincoln County, Oregon state, 1.3 mi. involv. 11,000 cu. yds. unclassified excavation; 128 lin. ft. log culverts and 1500 lin. ft. guard rail.

Separate bids, same date, to imp. Alsea Sec. 7, Natl. Forest Rd. Project, in Siuslaw Natl. Forest, Lincoln County, Oregon state, 5.4 mi. involv. 22 ac. clearing; 16 ac. grubbing; 3500 cu. yds. rock excavation; 29,200 cu. yds. common excavation; 5.4 finishing earth road; 1830 lin. ft. culverts.

Government has equipment for loan to contractors on rental basis. Plans obtainable from above office and on file with Forest Supervisors at Eugene, Oregon.

WASHINGTON—Until May 22, 10 a. m., bids will be rec. by C. H. Purcell, Dist. Eng., U. S. Bur. Pub. Rds, 316 New Postoffice Bldg., Portland, Ore., to construct Blewett Pas, Sec. 5, Natl. Forest Rd. project, in Wenatchee Natl. Forest, Chelan county, Washington state, 2.5 miles, involv. 11 ac. clearing; 8 ac. grubbing; 11,000 cu. yds. rock excav.; 16,000 cu. yds. common excav.; 738 lin. ft. culverts; 215 cu. yds. class A conc. in bridges; 37,000 lbs. rein. steel in bridges; 20 cu. yds. class A conc. in box culverts; 50 cu. yds. class C conc. in headwalls; 1800 lbs. rein. steel in box culverts; 6800 cu. yds. surfacing.

Government has equipment for loan to contractors on rental basis. Plans obtainable from above on deposit of $10 returnable. Plans also on file with Forest Supervisor, Wenatchee, Wash.

REDWOOD CITY, San Mateo Co., Cal.—County clerk instructed to advertise for bids to const. retaining wall on rd. nr. county poor farm. Geo. A. Knesse, county surveyor.

YUBA CITY, Sutter Co., Cal.—Sutter county supervisors have sold $10,000 bond issue to finance paving of streets fronting grammar school property in addition to purchasing school lands.

Contracts Awarded Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

$1,000 and Over Reported

The following is an index for the contracts for this issue.

1774	Hogan	King	126000
1775	Ramacciotti	Morton	40000
1776	St. Francis	Owner	14000
1777	Mullane	Holt	16000
1778	Hamill	Owner	10000
1779	Reilly	Owner	1500
1780	Lagomarsino	Owner	18000
1781	Smith	Owner	4500
1782	Tobin	Owner	5000
1783	Wright	Terry	8000
1784	Smith	Owner	8000
1785	Acme	Owner	3000
1786	McDermott	Owner	4000
1787	Ellis	Lutherlin	3500
1788	Pasquale	Holt	12248
1789	Wilson	Owner	8000
1790	Moneta	Arnott	27300
1791	Mazza	Harris	1700
1792	Bolander	Chase	1400
1793	Berry	Owner	8500
1794	Anderson	Anderson	8000
1795	Coghlan	Owner	6000
1796	Meyer	Wagner	30000
1797	Scheld	Casty	3500
1798	Bergfield	Owner	3000
1799	Barsotti	Owner	3000
1800	Murphy	Owner	10000
1801	Allen	Owner	40000
1802	Hecht	McCormick	24300
1803	Barman	Owner	3800
1804	S. F.	Gillespie	3800
1805	Krause	Owner	8000
1806	Clausen	Owner	9000
1807	Clausen	Owner	9000
1808	Prydz	Owner	4000
1809	Wright	Terry	10940
1810	Weissbein	Meyer	21828
1811	Weissbein	Meyer	22818
1812	Federal	Western	2912
1813	Moor	Mangels	7952
1814	Pacific	Renner	2625
1815	Schrick	Mages	10400
1816	Hunter	Cox	3457
1817	McCarthy	Arnott	3000
1818	Polack	Mileham	500
1819	Breitman	Arnott	7230
1820	Pasquale	Holt	12248
1821	Garden	Mangels	10643
1822	Garden	Mangels	10775
1823	Garden	Mangels	10778
1823	Johnson	Owner	25000
1824	Detels	Coburn	2100
1825	Floyd	Owner	4000
1826	Milosevich	Gardner	2500
1827	Danza	Harder	10500
1828	Konkel	Owner	4000
1829	American	Owner	30000
1830	Anderson	Rushton	2500
1831	Loewe	Koenig	1942
1832	S P	Holland	——
1833	Cook	Morton	14200
1834	Clancy	Beyer	2000
1835	Same	Same	2500
1836	Hunter	Cox	3000
1837	Foreman	American	1500
1838	Moni	Grant	1600
1839	Figone	Bjorkman	5000
1840	Campi	Owner	2800
1841	Willimas	Willams	7000
1842	Sandberg	Owner	9000
1843	Spillane	Grant	2550
1844	Koukel	Owner	4500
1845	Tagutte	Fuller	2000
1846	Berry	Owner	8500
1847	Rosario	Owner	1000
1848	Clinton	Owner	90000
1849	Ryan	Bay	70000
1850	Bekins	Owner	100000
1851	Burnett	Owner	200000
1852	Smith	American	1465
1853	Byrne	Montgomery	5000
1854	Bass	Barrett	2000
1855	Gensler-Lee	Haugerud	2000
1856	Faxon	Franzen	1930
1857	Bauer	Owner	4000
1858	Hind	Owner	12000
1859	Danza	Harder	10596
1860	Arkwright	Meyer	9450
1861	Mitchell	Hardy	26100
1862	Devincenzi	De Benedetti	5000
1863	Boyd	Peterson	11798
1864	Boyd	Forster	864
1865	Boyd	Central	832
1866	Boyd	Zelinsky	——
1867	Hansen	Owner	6000
1868	Brown	Owner	3200
1869	Thomson	Reedy	6000
1870	Axt	Petersen	5000
1871	McAllister	Owner	40000
1872	Western States	Barrett	125000
1873	Stevens	Owner	10000
1874	Kauffman	Olson	3000
1875	Keyes	Vogt	8900
1876	Hind	Owner	12000
1877	Bozzini	Owner	5800
1878	Hansen	Owner	3000
1879	Costello	Owner	3000
1880	Kern	Jersiman	4000
1881	Milliken	Cameron	16000
1882	Lacey	Owner	80000
1883	Home	Owner	15000
1884	Burg	McLean	20000
1885	Costello	Owner	15000
1886	Costello	Owner	9000
1887	Costello	Owner	6000
1888	Twenty-first	Ingraham	3300
1889	Runcallo	Lagomassino	11400
1890	Marks	Sartoris	6475
1891	Farrah	Swanson	28000
1892	Benton	Owner	1000
1893	Tieso	Owner	1400
1894	Brumund	Klyce	15000
1895	Sockolov	Owner	20000
1896	Treacy	Keenan	15000
1897	Emanuel	Owner	22000
1898	Imbert	Zinkand	14000
1899	Stock	Owner	90000
1900	Western	Hjul	21000
1901	Johnson	Owner	3500
1902	Hueter	Boxton	6000
1903	Same	Same	6000
1904	Dean	Owner	1000
1905	Olson	Owner	3000
1906	Branick	Berger	4000
1907	Ferrari	Sorbl	2000
1908	Olson	Owner	3000
1909	Pratt	Owner	3000
1910	Figoni	Devencenzi	4000
1911	Thulin	Owner	2000
1912	Sheartzlein	Owner	15000
1913	Melone	Leibert	16200
1914	McDermott	Owner	14000
1915	Millikin	Disston	16160
1916	Nu Sigma	Martin	18223
1917	St. Dominics	McCabe	38225
1918	Federal	Dahlstrom	5162

STORES & GAR.
(1774) NE FIFTH & HOWARD STS. 1-story brick stores and garage, 275x275 ft.
Owner—W. L. Hogan, 333 Kearny St., San Francisco.
Architect—Edward E. Young, 2002 California St., S. F.
Contractor—W. S. King, Hearst Bldg., San Francisco. $126,000

APTS. & STORE
(1775) W JONES 77-6 N Turk, 3-story and basement concrete (10) apartments and stores.
Owner—Hugo Ramacciotti, Mills Bldg., San Francisco.
Architect — August G. Headman, 747 Call Bldg., San Francisco .
Contractor—John Morton, Balboa Bldg., San Francisco. $40,000

APARTMENTS
(1776) S Filbert 67-6 E Franklin, 2-story and basement frame (8) apts.
Owner — St. Francis Realty Co., 410 Claus Spreckels Bldg., S. F.
Architect—None. $14,000

STOCKHOLDERS AUXILIARY CORP.

INSURANCE { FIRE
SURETY BONDS
CASUALTY

PHONE DOUGLAS 6000
550 MONTGOMERY ST.

FLATS
(1777) E EIGHTEENTH AVE. 175 & 200 N Fulton. 2 2-story and basement frame (2 in each) flats.
Owner—John F. Mullane, 155 29th St., San Francisco.
Architect—None.
Contractor—O. K. Holt, 3877 26th St., Can Francisco. $8000 each

DWELLINGS
(1778) W FORTY-SECOND AVE 100 & 125 S Balboa. 2 2-story and basement frame dwellings.
Owner—Thos. Hamill, 6140 Geary St., San Francisco.
Architect—None. $5000 each

ALTERATIONS
(1779) S PRECITA AVE. 129 E Alabama. Install plumbing; electric work and interior millwork for additions and alterations for dwelling.
Owner—James Reilly, 20 Isabel St., San Francisco.
Architect—None. $1500

FLATS
(1780) W TWENTY-FIRST AVE. 30 & 58-9 S Cabrillo. 2 2-sto. & basement frame (2 in each) flats.
Owner—E. Lagomarsino, 2044 Clement St., San Francisco.
Architect—None. $9000 each

DWELLING
(1781) W FORTIETH AVE 150 N Balboa. 1-story and basement frame dwelling.
Owner—Martin Smith, 114 Girard St., San Francisco.
Architect—None. $4500

HALL
(1782) N TARAVAL 25 E 16th Avenue. 1-story frame hall.
Owner—Rev. John P. Tobin, 608 Taraval St., San Francisco.
Architect—None. $5000

FLATS
(1783) S UNION 112-6 W Broderick. 2-story and basement frame (2) flats.
Owner—Mary A. Wright, 2645 Baker St. San Francisco.
Architect—John H. Powers and John H. Ahnden, 460 Montgomery St., S. F.
Contractor—Wm L. Terry 1456 Willard St., San Francisco. $8000

STORES
(1784) S GEARY 32-6 W 18th Ave., 1-story and basement frame stores
Owner—Robt. H. Smith, 5754 Geary St. San Francisco.
Plans by owner. $8000

ADDITION
(1785) SE GREENWICH AND SANSOME streets. Construct reinforced concrete floor supported with steel beams and steel columns; addition for mixing room.
Owner—Acme Ice Cream Co., 1313 Sansome St., San Francisco.
Architect — August Nordin, 717 Mills Bldg., San Francisco. $3000

DWELLINGS
(1786) NW ATHENS 125 & 150 SW Excelsior. 2 1-story and basement frame dwellings.
Owner—Joseph McDermott, 431 Paris St., San Francisco.
Architect—None. $2000 each

DWELLING
(1787) SE FORTY-THIRD AND LINCOLN Way. 1-story and basement frame dwelling.
Owner—Ralph Ellis, 403 Pine St., S. F.
Architect—R. R. Irvine, 507 Call Bldg., San Francisco.
Contractor—F. E. Sutherlin, 1475 47th Ave., San Francisco $3500

ALTERATION
(1788) E KEARNY 22½ N Post (106-8-10-12-14 Kearny St) Alter store fronts; rearrange and erect new partitions; cut openings in walls for windows; install dumb-waiter. Install skylights.
Owner—Edward V. Pasquale, 115 Post St. San Francisco.
Architect- J. E Krafft & Sons, Phelan Bldg., San Francisco.
Contractor—O. C. Holt, 180 Jessie St., San Francisco. $12,248

ALTERATIONS
(1789) NO. 973 MARKET STREET. Remove portions of mezzanine floor rearrange partitions; new store fronts.
Owner—Wilson Estate Co.
Architect—Martin A. Sheldon, 110 Sutter street, San Francisco. $8000

DWELLINGS.
(1790) N. HEARST AVE., 90, 120, 150, 180, 210, 240 and 270 W. Foerster. Seven 1-story and basement frame dwellings.
Owner—Moneta Investment Co., 233 Pacific Bldg., San Francisco.
Architect—Plans by owners.
Contractor—James Arnott & Son, 235 Granville Way, San Francisco. $3900 each

ALTERATIONS AND ADDITIONS.
(1791) E. HEARST AVE., 150 N. Edna. Addition to dwelling; general alterations.
Owner—Antonio Mazza, 414 Hearst Ave., San Francisco.
Architect—None.
Contractor—W. T. Harris, 187 Faralones St., San Francisco. $1700

GARAGE
(1792) NO. 462 FAIR OAKS. Concrete flooring for private garage.
Owner—P. L. Bolander, Premises.
Architect—None.
Contractor—S. A. Chase, 80 Douglas St., San Francisco. $1400

FRAME FLATS
(1793) W TWENTIETH AVE 200 S Balboa. Two-story frame (2) flats.
Owner—B. S. Berry, 2136 Howard St., San Francisco.
Architect—None. $8500

FRAME FLATS
(1794) W NINTH AVE 175 S Geary. Two-story and basement frame (2) flats.
Owner—R. G. Anderson, 429 9th Ave., San Francisco.
Architect—None.
Contractor—O. E. Anderson, 483 15th Ave., San Francisco. $8000

DWELLING
(1795) SW NINTH AVE & NORIEGA. One-story and basement frame double dwelling (2 family).
Owner—D. M. Coghlan, 1406 Market St., San Francisco.
Plans by Owner. $6000

FACTORY
(1796) SE FIFTH AND SHIPLEY. Two-story concrete Class C candy factory.
Owner—Frederick H. Meyer, 742 Market St., San Francisco.
Architect—Meyer & Johnson, 742 Market St., San Francisco.
Contractor—Geo. Wagner, 251 Kearny St., San Francisco. $30,000

STORE
(1797) NO. 4608 MISSION. One-story frame store.
Owner—J. W. and Bernadine Scheid, 4610 Mission St., San Francisco.
Architect—John J. Foley, 770 5th Ave., San Francisco.
Contractor—John Casty, 110 Jessie St., San Francisco. $3500

DWELLING
(1798) SW LINCOLN WAY AND Twenty-fifth Ave. One-story and basement frame dwelling.
Owner—Herman H. Bergfeld, 1491 Guerrero St., San Francisco.
Architect—None. $3000

DWELLINGS
(1799) S PALOU 100, 125 and 150 W Newball Three one-story and basement frame dwellings.
Owner—Arturo Barsotti, 1512 Quesada Ave., San Francisco.
Architect—None. $1000 each

FRAME FLATS
(1800) SW DAY AND SAN JOSE AVE. Two-story and basement frame (4) flats.
Owner—John Murphy, 779 San Jose Ave., San Francisco.
Designer—J. W. Miller, 3324-A 16th St. San Francisco. $10,000

RESIDENCE.
(1801) W THIRTIETH AVE. 105, 143, 181 & 219 N Lake. 4 2-story & basement frame residences.
Owner—Allen & Co., 168 Sutter St., San Francisco.
Architect—Earle B. Bertz, 168 Sutter St., San Francisco. $10,000 ea.

FLATS
(1802) W TWELFTH AVE. 100 S California. 2-story & basement frame (4) flats.
Owner—Jacob Hecht, 420 Cole St., San Francisco.
Architect—None.
Contractor—Thos. McCormick, 73 Hill St., San Francisco. $24,300

DWELLING
(1803) W MADRID 25 N France. 1-sto. and basement frame dwelling.
Owner—Harry Barman.
Architect—None. $3800

ADDITION
(1804) S EDDY 200 W Fillmore. 2nd story addition for laundry.
Owner — San Francisco Laundry Co., 1408 Turk St., S. F.
Architect—None.
Contractor—G. G. Gillespie, 2214 Divisadero St., San Francisco. $3800

FLATS
(1805) N FULTON 107-6 W 19th Ave., 2-story and basement frame (2) flats.
Owner—Max A. Krause, % architect.
Architect—C. O. Clausen, Hearst Bldg., San Francisco. $8000

FLATS
(1806) N ELLIS 137-6 W Pierce. 2-story and basement frame (2) flats
Owner—C. O. Clausen, Hearst Bldg., San Francisco.
Plans by owner. $9000

FLATS
(1807) N ELLIS 162-6 W Pierce. 2-sto. and basement frame (4) flats.
Owner—C. O. Clausen, Hearst Bldg., San Francisco.
Plans by owner. $9000

DWELLING
(1808) W TWENTIETH AVE. 275 N Taraval. 1-story frame dwelling.
Owner—Louise Prydz, 1658 Hayes St., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. $4000

FLATS.
(1809) S UNION 112-6 W Broderick W 25 x S 137-6. All work for 2-story and basement frame bldg. (2 flats)
Owner—Mary A. Wright, 2645 Baker St. San Francisco.
Architect — John Powers and John H. Ahnden, 460 Montgomery St., S. F.
Contractor—Wm. L. Terry 1456 Willard St., San Francisco.
Filed May 3, 1923. Dated May 2, 1923.
Rough frame up $2051
Brown coated 2051
Standing finish on 2051
Completed and accepted 2052
Usual 35 days 2735
TOTAL COST, $10,940
Bond, Sureties, Forfeit, none; Limit, 120 days after May 2; Plans and specifications filed.

STORE BLDG.
(1810) NW GEARY & EMERSON W 107-6 x N 100 W.A. 638. All work for 1-story class C store bldg.
Owner—Jacob Weissbein, Hobart Bldg., San Francisco.
Architect—H. C. Baumann, 261 Kearny St., San Francisco.
Contractor—Meyer Bros., 5326 Geary St. San Francisco.
Filed May 4, 1923. Dated April 12, 1923.
Forms up and ready for filling 5457.12
Roof on 5457.13
Completed and accepted 5457.12
Usual 35 days 5457.13
TOTAL COST, $21,828.50
Bond, $10,914.25; Sureties, Anna Meyer, Theodore G. Meyer; Forfeit, $10; Limit, 90 days after April 18; Plans and specifications filed.

STORE & APT. BLDG.
(1811) W VALENCIA 120 N 17th N 30 x W 88. 3-story store and apartment building.
Owner—Jacob Weissbein, Hobart Bldg., San Francisco.

Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Meyer Bros., 5326 Geary St. San Francisco.
Filed May 4, 1923. Dated March 30, 1923.
Frame up $5704.50
Brown coated 5704.50
Completed and accepted.... 5704.50
Usual 35 days 5704.50
TOTAL COST, $22,818
Bond, $11,509; Sureties, Anna Meyer & Theodore G. Meyer; Forfeit, $10; Limit, 90 days; Plans and specifications filed.

BANK BLDG.
(1812) N WBATTERY & SACRAMENto W 275 x N 119-6. Structural steel for vault, 7-story class A bank building.
Owner—Federal Reserve Bank, S. F.
Architect — Geo. W. Kelham, Sharon Bldg., San Francisco.
Contractor—Western Iron Works, 141 Beale St., San Francisco.
Filed May 4, 1923. Dated April 30, 1923.
10th day each month 75%
Usual 35 days 25%
TOTAL COST, $2912
Bond, $1456; Sureties, Fidelity & Deposit Co. of Maryland; Forfeit, none; Limit, 30 days; Plans and specifications filed.

BUNGALOW
(1813) LOT 41 BLK 2919 A West Portal Park. All work for frame bungalow.
Owner—E. N. and Mrs. E. N. Moor, 679 Sanchez St., San Francisco.
Architect—Mangels Bros., 4792 Mission St., San Francisco.
Contractor—Mangels Bros., 4792 Mission St., San Francisco.
Filed May 4, 1923. Dated May 3, 1923.
Frame up $1988.50
Brown coated 1988.00
Completed and accepted 1988.00
Usual 35 days 1988.00
TOTAL COST, $7952.50
Bond, Sureties, none; Forfeit, $3 day; Limit, 120 days; Plans and specifications filed.

REPAIRS
(1814) NEAR N END OF BUCHANAN St. Repair Panama Pac. Exposition wharf at North Beach Station of Sierra & S. F. Power Co.
Owner—Pacific Gas & Electric Co., 445 Sutter St., S. F.
Architect—None.
Contractor—Geo. A. Renner, 628 Montgomery St., San Francisco.
Filed May 4, 1923. Dated April 30, 1923.
Completed and accepted.....75%
Usual 35 days 25%
TOTAL COST, $2625
Bond, $1315; Sureties, National Surety Co.; Forfeit, none; Limit 30 days; Plans none; Specifications filed.

STORE & FLAT
(1815) S SEVENTEENTH 250 West Church W 25 x S 85. All work except wall bed, lighting fixtures, finish hdw., shades and wall paper for 2-story frame bldg. (store & flts).
Owner—Frank Schrick, 3747 17th St., San Francisco.
Architect—Albert Schroepfer, Nevada Bank Bldg., San Francisco.
Contractor—Mager Bros., 2448 Bryant St., San Francisco.
Filed May 4, 1923. Dated May 3, 1923.
Frame up $2500
Frame up 2500
Completed and accepted 2800
Usual 35 days 6600
TOTAL COST, $10,400
Bond, Sureties, Forfeit, none; Limit, 80 days; Plans and specifications filed.

FLAT
(1816) E ELEVENTH AVE. 200 N Irving. Plasterling, electrical, painting and mill work for alterations to flat bldg.
Owner—John Hunter, 1309 9th Ave. San Francisco.
Architect—None.
Contractor—Cox Bros., 1309 9th Ave., San Francisco.
Filed May 4, 1923. Dated May 2, 1923.
Ready for plaster $864.25
Brown coated 864.25
Completed and accepted 864.25
Usual 35 days 864.25
TOTAL COST, $3457
Bonds, Sureties, Forfeit, none; limit, 90 days; Plans and specifications filed.
NOTE—Permit reported April 11, 1923, No. 1409.

BENGALOW
(1817) E LEE AVE. 150 N Grafton Av. N 25 x E 112-6 Lot 12 Blk E Lakeview. All work for 1-story frame bungalow.
Owner—The McCarthy Co., 316 Bush St., San Francisco.
Architect—James Arnott & Son, 235 Granville Way, San Francisco.
Contractor—James Arnott & Son, 235 Granville Way, San Francisco.
Filed May 4, 1923. Dated April 20, 1923.
30 days after frame up 25%
30 days after brown coated.....25%
30 days after compl. & accptd...25%
Usual 35 days 25%
TOTAL COST, $3000
Bond, Sureties, Forfeit, none; Limit, 90 days, Plans and specifications filed.

BUNGALOW
(1818) SE WINFIELD 525 SW Coso SW 25 SE 70. All work except tar and gravel roof for 5-room bungalow.
Owner—H. L. Polack, 1916 Pine St., San Francisco.
Architect—None.
Contractor—G. L. Milcham, 1 Hoffman Ave., San Francisco.
Filed May 4, 1923. Dated April 30, 1923.
Frame is raised.....$100
Plastered 100
Painted 2 coats 100
Completed and accepted 100
Usual 35 days 100
TOTAL COST $500
Bond, $500; Sureties, Fred Van Doren, J. L. Van Doren; Forfeit, none; Limit, 100 days; Plans and specifications filed.

BUNGALOWS
(1819) W FOURTEENTH AVE. 250 N Judah N 50 x W 127-6. All work for 2 5-room bungalows.
Owner—Max Breitman, 2735 Clay St., San Francisco.
Plans by contractor.
Contractor—James Arnott & Son, 235 Granville Way, San Francisco.
Filed May 4, 1923. Dated April 4, 1923.
Frame up 25%
Brown coated 25%
Completed and accepted 25%
Usual 35 days 25%
TOTAL COST, $7230
Bonds, Sureties, Forfeit, none; Limit, 90 days; Plans and specifications filed.

ALTERATIONS
(1820) E KEARNY, 22-6 N Post N 40 x 60. Alterations and additions to 6-story and basement building.
Owner—Edward V. Pasquale, 115 Post St., San Francisco.
Architect—J. E. Krafft & Sons, Phelan Bldg., San Francisco.
Contractor—O. C. Holt, 180 Jessie St., San Francisco.
Filed May 4, 1923. Dated May 2, 1923.
1st & 15th each month.....75%
30 days after.....25%
TOTAL COST, $12,248
Bond, $6200; Sureties, Union Indemnity Co.; Forfeit, $30; Limit, July 12, 1923; Plans and specifications filed.

RESIDENCE
(1821) N 60 FT. LOT 14 BLK. 21 MAP resub. blks. 18 & 21 & ptn. blk 19 & lots Lettered P Q R S St. Francis Wood Exten. No. 2. All work for 2-story frame residence.
Owner—Garden Homes Co., 278 Post St. San Francisco.
Architect—H. H. Gutterson, 278 Post St., San Francisco.
Contractor—Mangels Bros., 4792 Mission St., San Francisco.
Filed May 4, 1923. Dated May 3, 1923.
Frame up $2660.75
Brown coated 2660.75
Completed and accepted 2660.75
Usual 35 days 2660.75
TOTAL COST, $10,643
Bond, $5321.50; Sureties, Theresa Gamma, Jno. A. F. Steimke; Forfeit, $5; Limit, 120 days; Plans and specifications filed.

RESIDENCE
(1822) LOT 30 BLK 22 ST. FRANCIS Wood Extn. No. 2. All work for 2-story frame residence.
Owner—Garden Homes Co., 278 Post St., San Francisco.
Architect—H. H. Gutterson, 278 Post St. San Francisco.
Contractor—Mangels Bros., 4792 Mission St., San Francisco.
Filed May 4, 1923. Dated May 3, 1923.
Frame up $2716.25
Brown coated 2716.25
Completed and accepted 2716.25
Usual 35 days 2716.25
TOTAL COST, $10,849
Bond, $5424.50; Sureties, Thereaa Gamma and Jas. A. F. Steimke; Forfeit, $5; Limit, 160 days; Plans and specifications filed.

BUILDING
(1823) LOT 27 BLK 22 ST. FRANCIS Wood Extn. No. 2. All work for 2-story frame building.
Owner—Garden Homes Co., 278 Post St., San Francisco.
Architect—H. H. Gutterson, 278 Post St. San Francisco.
Contractor—Mangels Bros., 4792 Mission St., San Francisco.
Filed May 4, 1923. Dated May... 1923.
Frame up $2693.81
Brown coated 2693.81
Completed and accepted 2693.81
Usual 35 days 2693.81
TOTAL COST, $10,775.24
Bond, none; Sureties, Theresa Gamma, Jas. A. F. Steimke; Forfeit, $5 Limit, 120 days; Plans and specifications filed

APARTMENTS
(1823) NE POLK & LOMBARD STS. 3-story and basement frame (12) apartments.
Owner—Chas A. Johnson, 36 Steiner St., San Francisco.
Architect — Baumann and Jose, 251 Kearny St., San Francisco. $25,000

ALTERATIONS
(1824) 2786-92 HOWARD ST. Tar and gravel roofing; painting; tinting & papering for residence.
Owner—Mr. Detels, 131 18th Ave., San Francisco.
Architect—None.
Contractor—Chas. Coburn, 180 Jessie St., San Francisco. $2100

CLEANING ESTAB.
(1825) N FOURTEENTH 200 E Howard. 1-story frame cleaning establishment.
Owner—W. Floyd, % architects.
Architect — O'Brien Bros., Inc., 315 Montgomery St., S. F. $4000

DWELLING
(1826) N RAYMOND AVE. 144.36 W San Bruno Ave. 1-story and basement frame dwellinng.
Owner—Nick Milosevich, 261 Valencia St., San Francisco.
Architect—None.
Contractor—Gardner & Co., 261 Valencia St., S. F. $2500

FLATS
(1827) S BAY 206-3 E Gough. 2-story and basement frame (2) flats.
Owner—Chas. Danza, 40 Varrenea St., San Francisco.
Designer—R. Lysolman, 820 Central Av. San Francisco.
Contractor—John Harder, 870 39th Ave San Francisco. $10,600

DWELLING
(1828) S CABRILLO 90 W 23rd Ave. 1-story and basement frame dwlg.
Owner—A. P. Konkel, 2761 16th St., San Francisco.
Architect—None. $4000

GARAGE
(1829) N McALLISTER 57-6 E Central Ave. 2-story concrete (public) garage.
Owner—American Concrete Co., Humboldt Bank Bldg., San Francisco.
Architect — O'Brien Bros., Inc., 315 Montgomery St., S. F. $30,000

DWELLING
(1830) E TWENTIETH AVE. 101 S Judah. 1-story and basement frame dwelling.
Owner—M. Anderson, 148 Julian Ave., San Francisco.
Architect—None.
Contractor — C. A. Rushton, 503 29th Ave., San Francisco. $2500

GRADING, ETC.
(1831) W DOLORES 76-6 E Jersey 25x114. Grading and concrete work and foundations for two-story and basement frame building.
Owner—Wm G. Loewe, 271 Tehama St San Francisco.
Architect—Arthur T. Ehrenpfort, Russ Bldg., San Francisco.
Contractor — Chas. J. U. Koenig, 620 Church St., San Francisco.

Filed May 5, '23. Dated May 4, '23.
Excavation complete and crib-bing up .....$ 442
Concrete work completed..... 1000
36 days after..... 500
TOTAL COST, $1942
Bond, none. Limit, 30 days after May 7. Forfeit, none. Plans and specifications filed.

EXTENSION OF TIME
(1932) LOCATION NOT GIVEN. Agreement extending time for filling stock pens with earth. 30 days.
Owner—Southern Pacific Co., 65 Market St., San Francisco.
Architect—None.
Contractor—J. P. Holland, Bondsman, Fidelity & Deposit Co.
Filed May 5, '23. Dated Apr. 18, '23.
TOTAL COST, $——
Bond, limit, forfeit, plans and specifications, none.

RESIDENCE
(1833) LOT 22 BLK 11, St. Francis Wood. All work except shades, finish hardware, light fixtures, wall paper and tile for fireplace for one-story and basement frame residence and one-story frame garage.
Owner—Herbert G. and Della F. Cook, Hobart Bldg., San Francisco.
Architect — Walter C. Falch, Hearst Bldg., San Francisco.
Contractor — John Morton, Balboa Bldg., San Francisco.
Filed May 5, '23. Dated Apr. 28, '23.
Ceiling joists in place.....$1775
Completely framed 1775
Brown coated 3550
Completed and accepted..... 3550
Usual 35 days..... 3550
TOTAL COST, $14,200
Bond, $7100. Surety, New Amsterdam Casualty Co. Limit, 110 days from date of contract. Forfeit, $10 a day. Plans and specifications filed.

ADDITIONS
(1834) NO. 4042 TWENTY-SECOND. Raise and make additions to residence.
Owner—J. Clancy, Premises.
Architect—N. W. Mehr, Diamond and 20th Sts., San Francisco.
Contractor—Louis Beyer, 844 Baker St., San Francisco. $2000

ADDITIONS
(1835) NO 4044 TWENTY-SECOND. Raise residence; minor additions.
Owner—Mrs. A. H. Clancy, Premises.
Architect—N. W. Mehr, Diamond and 20th Sts., San Francisco.
Contractor—Louis Beyer, 844 Baker St., San Francisco. $2500

ALTERATIONS
(1836) NO. 1262 ELEVENTH AVE. Alter two-story frame residence for (2) flats.
Owner—John Hunter, 1309 9th Ave., San Francisco.
Architect—None.
Contractor—Cox Bros., 1309 9th Ave., San Francisco. $3000

ELECTRIC SIGN
(1837) NW O'FARRELL AND STOCKTON. Erect electric sign.
Owner—Foreman & Clark, Premises.
Architect—None.
Contractor — American Electric Sign Co., 1740 Eddy St., San Francisco. $1500

ADDITION
(1838) NO. 2118 GREENWICH. Addition of three rooms and bath.
Owner—A. Moni, 2118 Greenwich St., San Francisco.
Architect—None.
Contractor—W. E. Grant, 1032 Irving St., San Francisco. $1000

DWELLING
(1839) E MISSION 225 S Persia. Two story and basement frame dwlg.
Owner—Angelo Figone, 54 France St., San Francisco.
Architect—None.
Contractor—Victor Bjorkman, 1539 Mission St., S. F. $5000

DWELLING
(1840) S OTSEGO 106-8 E Onondaga. One-story and basement frame dwelling.
Owner—T. Campi, 239 Onondaga Ave., San Francisco.
Architect—None. $2800

RESIDENCE
(1841) W HYDE 64-2 S Chestnut. Two-story and basement frame residence.
Owner—E. E. Williams, 2636 Howard St., San Francisco.
Architect—None.
Contractor—Williams & Wood, 466 Mills Bldg., S. F. $7000

FRAME FLATS
(1842) E TWENTIETH AVE 125 S Geary. Two-story and basement frame (2) flats.
Owner—G. Sandberg, 501 4th St., San Francisco.
Architect—None. $9000

DWELLING
(1843) W FOURTEENTH AVE 240 N Irving. One-story and basement frame dwelling.
Owner—L. Spillane, 1036 Irving St., San Francisco.
Architect—None.
Contractor—W. E. Grant, 1032 Irving St., San Francisco. $2550

DWELLING
(1844) S CABRILLO 115 W Forty-third Ave. One-story and basement frame dwelling.
Owner—A. P. Koukel, 2751 16th St., San Francisco.
Architect—None. $4500

DWELLING
(1845) NW KEITH AND THIRD STS. One-story and basement frame dwelling.
Owner—Bert Tagutte, 200 Keith St., San Francisco.
Architect—S. F. Fuller, 1356 Stevenson St., San Francisco.
Contracter—S. F. Fuller, 1356 Stevenson St., San Francisco. $2000

FRAME FLATS
(1846) W TWENTIETH AVE 200 S Balboa. Two-story frame (2) flats.
Owner—B. S. Berry, 2136 Howard St., San Francisco.
Architect—None. $8500

ALTERATIONS
(1847) SW STOCKTON & VALLEJO. Remodel store front.
Owner—Resario Parotore, 4261 23rd St., San Francisco.
Architect—None. $1000

APARTMENTS
(1848) E TAYLOR 72-6 S Ellis Six-story and basement reinforced concrete, steel frame (22) apartments.
Owner—B. S. Clinton, 57 Sutter St., San Francisco.
Architect — Andrew H. Knoll, Hearst Bldg., San Francisco. $90,000

APARTMENTS
(1849) NE SACRAMENTO AND JOICE. Five-story and basement Class C (24) apartments.
Owner—Ellen Ryan, 949 Clay St., San Francisco.
Architect—None.
Contractor—Bay Constr. Co., 215 Bacon Bldg., Oakland. $70,000

BUILDING
(1850) NE GEARY AND EMERSON. Seven-story reinforced concrete household goods depository.
Owner—Bekins Fireproof Storage Co., 13th and Mission Streets., S. F.
Engineer—Edw. T. Flaherty. $100,000

APARTMENTS
(1851) NE PACIFIC AVE & GOUGH. Eight-story and basement Class A (18) apartments.
Owner—G. W. Burnett, 815 O'Farrell St., San Francisco.
Architect—Edw. E. Young, 2002 California St., S. F. $200,000

FACTORY.
(1852) SE McALLISTER and Octavia Sts. Under pin west wall of factory 4 ft. below sidewalk.
Owner—Annie T. Smith, Berkeley, Cal.
Architect—None.
Contractor—American Concrete Co., 785 Market St., San Francisco. $1465

MINOR ADDITIONS.
(1853) 2310 BRODERICK ST. Remodel residence for flats; minor additions.
Owner—Anna M Byrne, 836 Hyde St.
Architect—None.
Contractor—Mr. Montgomery, 1320 Broadway. $5000

ALTERATIONS
(2854) KANSAS, BET. 23RD & 24TH STS. Remove galvanized iron front and replace with metal lath and cement plaster (factory).
Owner—Bass Hueter Co., 814 Mission St., San Francisco.
Architect—None.
Contractor—Barrett and Hilp, 918 Harrison St. $2000

PANELING WALLS FOR STORE.
(1855) 818 MARKET ST. Remodel entrance; paneling walls, etc., for store.
Owner—Gensler-Lee Jewelry Co., 818 Market St.
Architect—None.
Contractor—A. Haugerud, 2745 16th St., St. $2000

INSTALL STORE FRONTS.
(1856) SE. MISSION AND 4TH STS. Remove present and install new store fronts; plastering for store.
Owner—Annie M Faxon, 151 Sutter St.
Architect—S. J. R. Miller & T. L. Pfluegger, Lick Bldg.
Contractor—Franzen and Parent, 141 Natoma St. $1930

COOPERAGE SHOP.
(1857) SW. MARIPOSA AND HAMPSHIRE Sts. One-story frame cooperage shop.
Owner—Bauer Cooperage Co., 2121 Folsom St.
Architect—Evans & Co., 359 Pacific Bldg.
Contractor—None. $4000

FLATS.
(1858) SE. CHESTNUT AND OCTAVIA Sts. Two-story and basement frame (4) flats.
Owner—A. E. Hind, care architect.
Architect—W. G. Hind, 711 Hearst Bldg. $12,000

FRAME BLDG.
(1859) S BAY 206-3 W Franklin 137-6xW 25. All work for two-story and garage frame building.
Owner—Chas. and Rose Danza, 40 Varenes St., San Francisco.
Architect—None.
Contractor—John Harder, 870 39th Ave., San Francisco.
Filed May 7, '23. Dated Apr. 25, '23.
Frame up $264
Ready for lathing..... 264
Completed and accepted..... 264
Usual 35 days..... 264
TOTAL COST, $10,59
Bond, none. Limit, 100 days. Forfei plans and specifications, none.

COTTAGES
(1860) W THIRTY-FIFTH AVE 20 N Balboa N 50xW 120. All wor for two six-room cottages.
Owner—I. B. Arkwright and Jas. F Conner, 5326 Geary St., San Fran cisco.
Architect—None.
Contractor—Meyer Bros., 5326 Gear St., San Francisco.
Filed May 7, '23. Dated Apr. 16, '23.
Frame up $2362.5
Brown coated 2362.5
Completed and accepted..... 2362.5
Usual 35 days..... 2362.5
TOTAL COST, $9450.0
Bond, none. Limit, 90 days. Forfei plans and specifications, none.

BUILDINGS
(1861) S CHESTNUT 117-6 W Webste W 75 x S 87-6. All work for 2-stor and basement frame buildings.
Owner—Edward H. Mitchell, 3857 Cla St., San Francisco.
Architect—None.
Contractor—A. M. Hardy, 518 24th Ave San Francisco.
Filed May 7, 1923. Dated April 12, 192
Payments to be made on presentatio of original invoices and weekly pa roll.
TOTAL COST, $28,1
Bond, Sureties, Forfeit, none; Limit 1 days; Plans and specifications filed.

BUILDING
(1862) W DELANO AVE 154 S OCEA Ave. 26-8 x 100. All work exce window shades, electric & gas fi tures and finish hardware for story and basement frame buildi
Owner—D. Devincenzi, 362 Delano Av San Francisco.
Architect—None.
Contractor—A. De Benedetti, 22 Cott St., San Francisco.

led May 7, 1923. Dated May 2, 1923.
Frame up & roof on.....$1250
Brown coated and plumbing
roughed in 1250
Completed and accepted 1250
Usual 35 days 1250
TOTAL COST, $5000
ond, Sureties, Forfeit, none; Limit, 90
ya after May 10; Plans and specifi-
tions filed.

CORE BLDG
863) N O'FARRELL 75 E Taylor E
62-6 N 137-6. Excavation, grading,
concrete, carpentry, mill, lath, plas-
ter, roofing, sheet metal, marble
and terrazzo for a 1-story store
building.
wner—Alexander Boyd Estate.
rchitect—Samuel L. Hyman, Foxcroft
Bldg., San Francisco.
ontractor—H. L. Peterson, Lick Bldg.,
San Francisco.
led May 7, 1923. Dated May 3, 1923.
Excavated & concrete formed $2949.50
Brown coated 2949.50
Completed and accepted 2949.50
Usual 35 days 2949.50
TOTAL COST, $11,798
ond, $5899; Sureties, Hartford Acci-
nt and Indemnity Co.; Forfeit, none;
imit, 70 days; Plans and specifications
led.

LUMBING
864) PLUMBING ON ABOVE.
ontractor—Wm. J. Forster Co., 670
Howard St., S. F.
lled May 7, 1923. Dated May 1, 1923.
Roughing in done $288
Completed and accepted 288
Usual 35 days 288
TOTAL COST, $864
ond, $864; Sureties, National Surety
o.; Forfeit, none; Limit, 30 days;
lans and Specifications filed.

IRING
865) ELECTRIC WIRING ON ABOVE
ontractor—Central Electric Co., 179
Minna St., S. F.
lled May 7, 1923. Dated April 30, 1923.
Roughing in done $277
Completed and accepted 277
Usual 35 days 278
TOTAL COST $832
ond, $416; Sureties, New Amsterdam
asualty; Forfeit, none; Limit, as fast
s required; Plans and specifications
lled.

AINTING
866) PAINTING ON ABOVE.
ontractor—R. Zelinsky, 180 Jessie St.,
San Francisco.
iled May 7, 1923. Dated May 1, 1923.
Completed and accepted 75%
Usual 35 days 25%
TOTAL COST, $——
Bond, Sureties, Forfeit, none; Limit, 15
lays after beginning; Plans and speci-
lications filed.

DWELLINGS
867) N SAN YSABEL 106 & 131 W
Capistrano, 2 1-story and basement
frame dwellings.
Owner — Walter E. Hansen, 1919 San
Jose Ave., San Francisco.
Architect—None. $3000 each

DWELLING
868) W NINETEENTH AVE. 25 N
Ortega, 1-story & basement frame
dwelling.
Owner—Matthew Brown, 56 Sharon St
San Francisco.
Architect—None. $3200

DWELLINGS
(1869) N SANTA YNEZ 57 & 82 W
Capistrano, 2 1-story and basement
frame dwellings.
Owner—H. S. Thomson, 677 12th St.,
San Francisco.
Architect—H. C. Baumann, 251 Kearny
St., San Francisco.
Contractor—Wm. M. Reedy, 267 Ells-
worth St., S. F. $3000 each

DWELLING
(1870) N NORTHWOOD 171 W Monte-
cito, 1-story and basement frame
dwelling.
Owner—Herman Axt, 3277 Mission St.,
San Francisco.
Architect—Ida F. McCain, 318 Kearny
St., San Francisco.
Contractor—Elsnar C. Petersen, 4075
17th St., S. F. $5000

HOTEL ANNEX
(1871) S POST 50 E Taylor, 5-story
and basement brick hotel annex (40
rooms).
Owner—Mr. and Mrs. Francis McAllis-
ter, % architect.
Architect—Wm. F. Gunnison, 57 Post
St., San Francisco.
Contractors not determined. $40,000

INSURANCE BLDG.
(1872) NE SIXTH AND STEVENSON
Streets, 3-story and basement class
A reinforced concrete insurance
building.
Owner—Western States Life Insurance
Co., premises.
Architect—Reid Bros., California-Paci-
fic Bldg., San Francisco.
Contractor—Barrett and Hilp, 918 Har-
rison Sts., San Francisco. $125,000

APARTMENTS
(1873) W TWENTY-SEVENTH AVE.,
200 S Lake, 2-story and basement
frame (4) apartments.
Owner—Arthur B. Stevens, 4026 Fulton
St., San Francisco.
Architect—None. $10,000

ALTERATIONS
(1874) SW PAGE & LAGUNA STS. Re-
move present wall and install new
store front.
Owner—Clemence Kauffman 1650 Jack-
son St., San Francisco.
Architect—None.
Contractor—Olson and Persson, 289
Fell St., San Francisco. $3000

EXTENSION
(1875) S WELSH bet. Zoe and 4th Sts.
One-story shed extension of brick
and frame construction; plumbing,
etc., for warehouse and shop.
Owner—A. D. Keyes, Humboldt Bank
Bldg., San Francisco.
Architect — Nathaniel Blaisdell, 255
California St., San Francisco.
Contractor—Alred H. Vogt, 185 Steven-
son St., San Francisco. $8900

FLATS
(1876) SE CHESTNUT AND OCTAVIA
Streets, 2-story & basement frame
(2) flats.
Owner—A. E. Hind, % architect.
Architect—W. G. Hind, 711 Examiner
Bldg., San Francisco. $12,000

FLATS
(1877) W BOARDMAN PL. 100 S Bry-
ant, 2-story and basement frame
(2) flats.
Owner—G. B. Bozzini, 38 Boardman Pl.
San Francisco.
Architect—None. $5800

DWELLING
(1878) E ULLOA 30 W Granville Way,
1-story and basement frame dwlg.
Owner — Walter E. Hansen, 1919 San
Jose Ave., S. F.
Architect—None. $3000

DWELLING
(1879) E TWENTY-NINTH AVE. 165
N Cabrillo, 1-story and basement
frame dwelling.
Owner—William Costello, 806 York St.,
San Francisco.
Architect—None. $3000

DWELLING
(1880) N KIRKHAM 82 W Tenth Ave.
One-story and basement frame
dwelling.
Owner—Mrs. L. Kern, 622 Kirkham St.,
San Francisco.
Architect—None.
Contractor—J. W. Jersiman, 230 7th
Ave., San Francisco. $4000

FRAME FLATS
(1881) W DIVISADERO 107-6 S Green-
wich. Two-story and basement
frame (2) flats.
Owner—J. D. Milliken, 1202 Leaven-
worth St., San Francisco.
Architect—A. S. Bugbee, 24 Montgom-
ery St., San Francisco.
Contractor—Cameron & Disston, Hearst
Bldg., San Francisco. $16,000

APARTMENTS
(1882) S EDDY 82-6 E Polk. Six-story
and basement concrete (47) apart-
ments.
Owner—E. V. Lacey, 180 Jessie St., San
Francisco.
Architect—None. $80,000

FACTORY
(1883) N BRANNAN 340 E Fifth St.
One-story concrete factory.
Owner—Home Mfg. Co., 534 Brannan
St., San Francisco.
Architect—Chas. E. Shippey. $15,000

RESIDENCE
(1884) N CAMINO DEL MAR 259-7 W
Twenty-sixth Ave. Two-story and
basement frame residence.
Owner—Carl H. Burg, 1501 Lake St.,
San Francisco.
Architect—Lewis M. Gardner, 942 Pine
St., San Francisco.
Contractor—Robert McLean, 761 17th
Ave., San Francisco. $20,000

FLATS
(1885) N CABRILLO 92 W Twenty-
fourth Ave.
W TWENTY-FOURTH AVE 31 &
56 N Cabrillo. Three two-story and
basement frame (2 in each) flats.
Owner—Costello Bros., 821 34th Ave.,
San Francisco.
Architect—None. $6000 each

FRAME FLATS
(1886) NW CABRILLO & TWENTY-
fourth Ave. Two-story and base-
ment frame (4) flats.
Owner—Costello Bros., 821 34th Ave.,
San Francisco.
Architect—None. $9000

DWELLINGS
(1887) E TWENTY-NINTH AVE 116
and 190 N Cabrillo. Two one-story
and basement frame dwellings.
Owner—William Costello, 806 York St.,
San Francisco.
Architect—None. $3000 each

ALTERATIONS
(1888) NE TWENTY-FIRST AVE &
Geary. All work for alterations
and additions for 2 Sunday school
rooms.
Owner—The Twenty-first Ave. Baptist
Church, Premises.
Architect—None.
Contractor—M. C. Ingraham, 165 Fell
St., San Francisco.
Filed May 8, '23. Dated May 1, '23.
As work progresses.....
TOTAL COST, $3300
Bond, none. Limit, 90 days. Forfeit,
none. Plans and specifications filed.

FRAME FLATS
(1889) W TWENTY-FIRST AVE 58-9
S Cabrillo S 28-9 — N 26-9 E 95.
All work for two-story frame flats.
Owner—Giuseppe Runcallo.
Architect—None.
Contractor — S. Lagomarsino, 213 3rd
Ave., San Francisco.
Filed May 8, '23. Dated May 5, '23.
Frame up $2850
Brown coated 2850
Completed and accepted..... 2850
Usualy 35 days..... 2850
TOTAL COST, $11,400
Bond, none. Limit, 90 days. Forfeit,
none. Plans and specifications filed.

EXCAVATION, ETC.
(1890) S McALLISTER 165 E Gough E
27-6xS 120. Excavation, concrete
and brick work for two-story and
basement Class C building.
Owner—I. Marks, % Architect.
Architect—C. O. Clausen, Hearst Bldg.,
San Francisco.
Contractor—C. Sartoris, 180 Jessie St.,
San Francisco.
Filed May 8, '23. Dated May 2, '23.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $6475
Bond, none. Limit, 75 days. Forfeit,
none. Plans and specifications filed.

FLATS & STORE
(1891) NW MISSION 75 SW Francis
SW 50 x NW 100 Ptn. Blk Academy
Tract. All work except shades and
lighting fixtures for 2-story and
basement frame bldg. (flats and
store).
Owner—N. J. Farrah.
Achitect — Paul F. De Martini, 946
Broadway, San Francisco.
Contractor—Ernest Swanson, 180 Jessie
St., San Francisco.
Filed May 8, 1923. Dated May 3, 1923.
Frame up $7000
Brown coated 7000
Completed 7000
Usual 35 days 7000
TOTAL COST, $28,000
Bond, $14,000; Sureties, S. W. Towle &
Wm. F. Cody; Forfeit, none; Limit, 100
days; Plans and specifications filed.

DWELLING
(1892) W BERLIN 25 S Harkness. One-story and basement frame dwelling.
Owner—Gaston E. Berton, 28 Wolfe St., San Francisco.
Architect—None. $1000

ALTERATIONS
(1893) NO. 3372 TWENTY-SECOND St. Raise, add and alter for store and (2) flats.
Owner—Frank Tieso.
Architect—None. $1400

ALTERATIONS
(1894) SE IRVING AND LA PLAYA. Remodel two-story cafe and flats for 8 apartments; concrete foundations; plaster street fronts.
Owner—John and Charlotte Brumund, 1305 49th Ave., San Francisco.
Architect—None.
Contractor—Harvey A. Klyce, 408 Call Bldg., San Francisco. $15,000

APARTMENTS
(1896) S JACKSON 80 E Webster. Three-story and basement frame (12) apartments.
Owner—J. Sockolov, 2558 Clay St., San Francisco.
Architect—None. $20,000

RESIDENCE
(1896) E CAMINO DEL MAR 100 N McLaran. Two-story and basement frame residence.
Owner—M. J. Treacy, 618 Masonic Ave. San Francisco.
Architect—None.
Contractor—H. C. Keenan, 639 45th Ave San Francisco. $15,000

APARTMENTS
(1897) SW CALIFORNIA & SECOND Ave. Three-story and basement frame (12) apartments.
Owner—D. Emanuel, 110 24th Ave., San Francisco.
Architect—Wm. Van Herick, 916 Pacific St., San Francisco. $22,000

APARTMENTS
(1898) W JONES 55 N Vallejo. Two-atory and basement frame (4) apartments.
Owner—Frank Imbert, 593 Market St., San Francisco.
Architect—Erle J. Osborne, 821 Balboa Bldg., Sal Francisco.
Contractor—Ed. Zinkand & Son, 434 10th Ave., San Francisco. $14,000

APARTMENTS
(1899) NE LEAVENWORTH AND O'Farrell. Six-story and basement concrete (50) apartments.
Owner—Adolph Stock, 919 Sutter St., San Francisco.
Architect—H. C. Baumann & Edw. Jose 251 Kearny St., S. F $90,000

SUPPLY HOUSE
(1900) N MISSION 140-2% W Ninth. Three-story concrete plumbing supply house.
Engineer—J. H. Hjul, 1342 Mission St., San Francisco.
Contractor—J. H. Hjul, 1342 Mission St., San Francisco $21,000

DWELLING
(1901) N ORTEGA 107-6 W Nineteenth Ave. One-story and basement frame dwelling.
Owner—Nels Johnson, 161 8th Ave., San Francisco.
Architect—None. $3500

DWELLING
(1902) W SAN FERNANDO WAY 155 S Monterey Blvd. One-story and basement frame dwelling.
Owner—O. M. Hueter, 806 Flatiron Bldg., San Francisco.
Architect—None.
Contractor—Boxton & Zwieg, 809 Flatiron Bldg., San Francisco. $6000

RESIDENCE
(1903) W SAN FERNANDO WAY 155 N Darien Way. One-story and basement frame residence.
Owner—O. M. Hueter, 806 Flatiron Bldg., San Francisco.
Architect—None.
Contractor—Boxton & Zwieg, 809 Flatiron Bldg., San Francisco. $6000

EXCAVATE, ETC.
(1904) NO. 33 PROSPECT AVE. Excavate and construct foundation under dwelling.
Owner—G. S. Dean, Premises.
Architect—None. $1000

DWELLING
(1905) E NEWTON 250 S Morse. One story and basement frame dwlg.
Owner—David Olson.
Architect—None. $3000

FRAME FLATS
(1906) E SAN JOSE AVE 266 NE Twenty-ninth St. Two-story and basement frame (2) flats.
Owner—T. P. and Mary T. Branick, 669 San Jose Ave., San Francisco.
Architect—G. A. Berger, 261 Valencia St., San Francisco. $4000

DWELLING
(1907) E EDINBURGH 150 S Persia. One-story and basement frame dwelling.
Owner—J. Ferrari, 470 Naples St., San Francisco.
Architect—None.
Contractor—A Sorbi, 534 Edinburgh St., San Francisco. $2000

DWELLING
(1908) E NEWTON 225 S Morse. One-story and basement frame dwlg.
Owner—David Olson.
Architect—None. $3000

RESIDENCE
(1909) E THIRTY-SEVENTH AV 125 N Cabrillo. Two-story and basement frame residence.
Owner—Roy A. Pratt, 7140 Geary St., San Francisco.
Architect—None. $3000

ADDITION
(1910) NO. 1652 STOCKTON. Addition of one-story frame consisting of 2 4-room flats.
Owner—A. Figoni, Premises.
Architect—None.
Contractor — Devencenzi Bros., 1071 Union St., San Francisco. $4000

OFFICE, ETC.
(1911) W OTIS 107 S McCoppin. One-story frame shop and office.
Owner—A. L. Thulin, 180 Jessie St., San Francisco.
Architect—None. $2000

FRAME FLATS
(1912) N LAKE 40 E Funston Ave. Two-story and basement frame (2) flats.
Owner—Robert Scheartzlein, 201 2nd Ave., San Francisco.
Architect—None. $15,000

SKYLIGHTS, ETC.
(1913) S DUBOCE AVE 192 E Valencia install skylights; construct concrete wall and brick dividing wall for wagon shop.
Owner—Malone Co., Napa, Calif.
Architect—G. R. Collins, Hyde St., San Francisco.
Contractor—J. G. Leibert, 180 Jessie St. San Francisco. $16,200

APARTMENTS
(1914) NW FULTON AND TENTH Ave. Three-story frame (6) apartments.
Owner—J. McDermott, 830 Sutter St., San Francisco.
Plans by Owner. $14,000

FRAME BLDG.
(1915) W DIVISADERO 107-6 S Greenwich S 30xW 110. All work for two-story and basement frame building.
Owner—John D. Milliklin, 323 Geary St., San Francisco.
Architect—Arthur S. Bugbee, 26 Montgomery St., San Francisco.
Contractor—A. D. Disston, Hearst Bldg., San Francisco
Filed May 9, '23. Dated May 7, '23.
On 1st and 15th of each month 75%
Usual 35 days..... 25%
TOTAL COST not to exceed $16,160 plus $1600.
Bond, $8130 Sureties, A. E. Disston and A. K. McKevitt. Limit, 90 days. Forfeit, none. Plans and specifications filed.

FRATERNITY HOUSE
(1916) FOURTH AVE AND KIRKHAM St. All work for fraternity house.
Owner—The Nn Sigma Nu Assn. of University of California.
Architect—E. Geoffrey Bangs, 1st National Bank Bldg., San Francisco.
Contractor—Wm. Martin, 180 Jessie St., San Francisco.
Filed May 9, '23. Dated May 5, '23.
On completion of rough frame 25%
Plastering completed 25%
On completion of contract.... 25%
Usual 35 days..... 25%
TOTAL COST, $18,223
Bond, $9111.50. Surety, New Amsterdam Casualty Co. Limit, Aug. 31, 1923. Forfeit, none. Plans and specifications filed.

GRADING, ETC.
(1917) BUSH AND STEINER. Grading, concrete, steel and reinforcing for new St. Dominics Church.
Owner—St. Dominics Priory, 2300 Bush St., San Francisco.
Agents—Beezer Bros., 1915 Steiner St., San Francisco.
Contractor — Daniel C. McCabe, Call Bldg., San Francisco.
Filed May 9, '23. Dated Apr. 25, '23.
On 5th and 19th of each month 75%
30 days after.....Balance
TOTAL COST, $38,225
Bond, $19,200. Sureties, W. A. Macdonald and A. Lynch. Limit, forfeit, none. Plans and specifications filed.

BANK BLDG.
(1918) NW BATTERY & SACRAMENto W 275 x N 119-6. Hollow steel elevator cabs etc. for 7-story class A bank building.
Owner—Federal Reserve Bank.
Architect — Geo. W. Kelham, Sharon Bldg., San Francisco.
Contractor—Dahlstrom Metallic Door Co., Hearst Bldg., S. F.
Filed May 9, 1923. Dated Feb. 14, 1923.
When material ready for delivery in city 50%
Completed and accepted 25%
Usual 35 days 25%
TOTAL COST, $5162
Bond, $2581; Sureties, Fidelity & Deposit Co. of Maryland; Forfeit, none; Limit, as required; Plans and specifications filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Amount

May 2, 1923—E THIRTY-FOURTH Ave 75 S Cabrillo S 25xE 95. Dominic Tiscornia to whom it may concern.....May 1, 1923
May 3, 1923—E TWENTY-FIRST AV 175 N Judah N 25xE 120. Amanda A Olsen to Olaf Olsen....May 3, 1923
May 3, 1923—LOTS 4, 5, 6, 7 AND 8 McLaughlin Sub-ptn Blk 1173. W R Voorhies to whom it may concern.....May 1, 1923
May 3, 1923—COM. 40 SW Montana and Capitol Ave W 105xS 35; Ptn Lot 5 Blk "R" Railroad Hd Assn. H W Smith to whom it may concern.....April 1, 1923
May 3, 1923—W HYDE 60 S Sutter S 40xW 76. Luis Blum to whom it may concern.....May 2, 1923
May 3, 1923—NW GEARY AND Twenty-second Ave N 100x30. Mary J Ganzert to George M Merritt Bldg Co.....Mar. 2, 1923
May 3, 1923—E FUNSTON AVE 150 S Irving S 25xE 120. Marie Petersen to whom it may concern.....May 2, 1923
May 3, 1923—N PARK 136 W Andover W 25xN 100 Lot 15 Blk "C" Holly Park Tract. Marie Petersen to whom it may concern..May 2, '23
May 3, 1923—NE WASHINGTON & Jones dist. 50 N 38xE 128-9. Maude Arguello to Harry C Warwick.....May 3, 1923
May 3, 1923—E STEINER 100 N Oak N 25xE 100. E W Fuller to Roberts & Son.....May 4, 1923
May 3, 1923—NE VAN NESS AVE & Union N 30xE 107-11¼. Clara B. Scaman and Clara H Tyler to Strand & Strand.....May 3, 1923
May 4, 1923—LOTS 1 TO 7 BLK 3138 Westwood Park. Hans and Esther E Nelson to whom it may concern.....May 2, 1923
May 4, 1923—NO. 515 CLIPPER, 26-6x 114. Charles Jas Philpps to H C Hofmeister & Co.....Apr. 28, 1923
May 4, 1923—SE CALIFORNIA AND Twenty-eighth Ave E 30xS 100. J Johnson to whom it may concern.....May 3, 1923
May 5, 1923—LOT 6 PTN LOTS 5 & 7 Blk "K" Mission Terrace desc'd SE Olsego Ave 116.66 SW from SW San Juan Ave SW 35.29 S 55° 57' E 127.54 N 24° 54' E 35.46 N 55° 51' W 124.34. Wm R and Florence Heagerty to Walter E Hansen.....May 3, 1923

May 4, 1923—SE CABRILLO AND Fourth Ave 31-6x76. Helen and Donald L O'Halr to whom it may concern.....May 3, 1923
May 6, 1923—W THIRTY-SECOND Ave 175 S Clement S 75xW 120. G Becker to Meyer Bros...May 2, 1923
May 5, 1923—N UNION 125 E Broderick E 30xN 137-6. Anne M Lacy to W W Rednall.....May 4, 1923
May 4, 1923—N NATOMA & EIGHTH NW 75xNE 275. Talbot Invst Co of S F to Badt Talk Co...May 1, 1923
May 4, 1923—N GEARY 80-8 E 18th Ave E 40xN 100. Jacob Weissbeln to Meyer Bros.....May 4, 1923
May 4, 1923—W CORDOVA 50 N Seville 27-6x100. Andrew V Nicol to Victor Bjorkman.....May 3, 1923
May 4, 1923—N NATOMA & EIGHTH NW 75xNE 275. George H Tay Co to The Fink & Schindler Co.....
.....April 27, 1923
May 5, 1923—N ELLIS 87-6 W Hyde W 25xN 87-6. Jos Greenbach to whom it may concern...May 4, 1923
May 5, 1923—W ELEVENTH AVE 275 and 225 N Cabrillo N 25x120. Alfred T Morris to whom it may concern.....May 2, 1923
May 5, 1923—W THIRTY-FOURTH Ave 125 S Geary. Michael and Lawrence Costello to whom it may concern.....May 4, 1923
May 5, 1923—E THIRTY-SIXTH AVE 100 S Anza. Costello Bros to whom it may concern.....May 4, 1923
May 5, 1923—NE McKINNON AVE & Newhall N 100xE 50. Cazimier Cervieres to Mark C Ingraham.....
.....April 28, 1923
May 7, 1923—S OAK 199-6 W Octavia 63x120. P Algot Nelson to whom it may concern.....May 7, 1923
May 7, 1923—LOT 25x100 ON N California 107-6 E 11th Ave. Thos Quisted and J Robertson to whom it may concern.....May 7, 1923
May 7, 1923—N NATOMA & EIGHTH NW 75 x NE 275. Talbot Inv. Co. to Alfred H. Vogt. .....May 4, 1923
May 7, 1923—N NATOMA & EIGHTH NW 75 x NE 275. Talbot Inv. Co. to Alfred H. Vogt .....May 4, 1923
May 7, 1923—E JOHNSTON AVE. 100 S Geary S 25 x E 104. Mary Elliott to G. A. Elliott.....May 5, 1923
May 7, 1923—E JOHNSTON AVE. 125 S Geary S 25 x E 104 m or l. Mary Elliott to G. A. Elliott....May 5, 1923
May 7, 1923—E JOHNSTON AVE. 150 S Geary S 25 x E 104 m or l. Mary Elliott to G. A. Elliott....May 5, 1923
May 7, 1923—SE SECOND & BRYANT Baker Joslyn Co. to Reeder Construction Co. .....May 7, 1923
May 8, 1923—S ELLIS 55 E Jones. Erle J Osborne, Trustee to whom it may concern.....May 2, 1923
May 8, 1923—NW GEARY AND Eighteenth Ave N 150 W 120 S 50 E 32-6 S 100 E 87-6. Alex E and Jos L Levin to Central Iron Works
.....April 30, 1923
May 8, 1923—LOTS 12 AND 13 BLK 18 Resub Blks 18 and 21 Ptn Blk 19 and Lots lettered P, Q, R and S, St. Francis Wood Extn. No. 2. Hart L Weaver to Taylor & Jackson....
.....April 30, 1923
May 8, 1923—SW CLEMENT AND Twenty-seventh Ave W 32-6xS 100. Thos Hamill to whom it may concern.....May 8, 1923
May 8, 1923—W TWENTY-EIGHTH Ave 344 N Cabrillo N 26xW 120. Thos Hamill to whom it may concern.....April 9, 1923
May 8, 1923—LOT 33 BLK 4, Holly Park Tract. R W Gillogley to whom it may concern...May 2, 1923
May 8, 1923—S CAMINO DEL MAR 107-6 W 25th Ave W 25xS 100. Thos Hamill to whom it may concern..
.....May 8, 1923
May 8, 1923—W FAIR OAKS 183 S Twenty-second 30-6x117-6. Hilda L Jacobus to whom it may concern
.....May 7, 1923
May 8, 1923—NE EUCLID AND COMmonwealth Aves. Abe Grunauer to Ed Zinkand & Son.....May 3, 1923
May 8, 1923—NE PINE AND VAN Ness Ave N 86-7xE 87-6. Associated Oil Co to Buschke % Brown Co.....April 28, 1923
May 8, 1923—NE LYON & GREENwich 29x84. Alice Bloom to S F Dal Barto.....May 8, 1923
May 8, 1923—NE HOWARD AND Thirteenth. Jas E Scott to K Irvine.....May 7, 1923
May 9, 1923—E STOCKTON 59 N SACramento N 67-2 x 68-9. Edw. and Henrietta Lewis to Chas. Schwarz
.....May 9, 1923
May 9, 1923—N BUSH 135-6 W Mason W 30 x N 137-6. Bertha Basye to Western Iron Works ..May 4, 1923
May 9, 1923—N SACRAMENTO 130 W Front W 25 x N 120-3. H. L. Judell & Co. to Monson Bros.....
.....May 2, 1923
May 9, 1923—NE McALLISTER AND Leavenworth N 87-6 x 62-6. Mrs. Anita Grimm to Emil Hoberg....
.....May 7, 1923
May 9, 1923—N FLOOD AVE. 377, 408, 439 W Foerster W 31 x N 112-6 Ptn. Blk 12, Sunnyside; N Flood Ave. 470 W Foerster W 30 x N 112-6 Ptn. Blk. 12, Sunnyside. Moneta Inv. Co. to Arnott & Son.May 7, 1923
May 9, 1923—N FLOOD AVE 100, 130, W Foerster W 30 x N 112-6 and N Flood Ave. 160 W Foerster W 31x N 112-6 Ptn. Blk 12, Sunnyside. Moneta Inv. Co. to James Arnott & Son .....April 21, 1923
May 9, 1923—E 36th AVE. 123 N IRVing N 30 x E 120. Chas. E. Green to Jas. Arnott & Son....May 2, 1923
May 9, 1923—E 36th AVE. 153 N IRVing. Chas. E. Green to Jas. Arnott & Son .....May 2, 1923
May 9, 1923—LOTS 3 & 4 BLK 3113 Westwood Park. Gordon W. & Linnie Morris to whom it may concern .....May 7, 1923
May 9, 1923—N SACTO 112-6 W LYON W 25 x N 127-8¼. Adolph Morbio to whom it may concern.... Feb. 1, 1923

LIENS FILED

SAN FRANCISCO COUNTY

Recorded	Amount
May 3, 1923—SE LINCOLN WAY & Thirty-fifth Ave S 100xE 132-6. Pope & Talbot vs James C and Florence E Gibson and Leonard H Tyrrell	$4368.84
May 5, 1923—N SACRAMENTO 80 W Montgomery W 20xN 65. Harvey Miller vs N W Friedman and C M Cook	$228.54
May 4, 1923—S POST 205-3 W Mason W 68-9xS 137-6. Western Iron Works vs Columbia Building Invst Co	$3715
May 5, 1923—SW EIGHTEENTH AV and Geary W 32-6xS 100. A Quandt & Sons vs W L Hemminga and Oscar Tobriner	$1298.29
May 5, 1923—SW EIGHTEENTH AV and Geary W 32-6xS 100. William A Ralney & Son vs W L Hemminga and Oscar Tobriner	$648
May 7, 1923—E TWENTIETH AVE 325 N Geary N 25xE 120. Reinhart Lumber & Planing Mill Co vs Hamilton & Costello and Josephine F Melbourne	$285.63
May 8, 1923—E TWENTIETH AVE 325 N Geary N 25xE 120. T I Butler vs Josephine F and L A Melbourne J E Hamilton and Wesley T Costello	$83.70
May 9, 1923—S SACRAMENTO 87-6 Laurel E 25 S 107-7½ W 12-6 N 25 W 12-6 N 82-7½. The Roman Paint Co. vs. Simon J. and Margaret Brownlee	$71.96
May 9, 1923—COM. AT PT. ON LAKE 82-6 W 8th Ave. W 28-9 x S 100. George M. Merritt Bldg. Co. vs. J. E. Bolger	
May 9, 1923—W 12th AVE. 175 S Irving No. 1329 12th Ave. Alfred H. Ohlsen vs. Nettie Gould	$78
May 9, 1923—W 12th AVE. 175 S IRVing No. 1329 12th Ave. The Greater City Lumber Co. vs. Nettie Gould	$36.75

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded	Amount
May 7, 1923—E GREAT HIGHWAY 250 S Taraval S 50xE 120. Pioneer Plate & Window Glass Co to Florence Dale or Mrs. Harvey Dale, Harvey L Dale and Hamilton & Costello	
May 8, 1923—SW IRVING & FORTYeighth Ave W 240xS 100. Reinhart Lumber & Planing Mill Co to Charlotte Brumund and J L Mitchell..	

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

May 8, 1923—E LARKIN 32 N Washington N 29xE 100. California Investment & Financial Co as to improvements on property.....

RELEASE OF BUILDING CONTRACT

SAN FRANCISCO COUNTY

May 3, 1923—Contract Filed April 7, 1923. John Hunter with Cox Bros

ARCHITECT'S CERTIFICATE

May 8, 1923—Frederick R. Collins has filed his certificate of architecture for San Francisco County.

BUILDING CONTRACTS

ALAMEDA COUNTY

$1,000 and Over Reported

2100	Pederson	Furman	2500
2101	Paul	Owner	6000
2102	Davenport	Rankin	3600
2103	Atzeroth	Tammi	3600
2104	Cross	Burks	6000
2105	Seches	Hale	3500
2106	Carpenter	Owner	6400
2107	Rosenberg	Owner	18000
2108	Broderick	Kulchar	18000
2109	Linenson	Muller	34000
2110	Thomas	Owner	2000
2111	Hermanson	Oakley	5185
2112	Peppin	Owner	9850
2113	Krafuse	Horton	3850
2114	Hanner	Owner	2800
2115	Barnes	California	1000
2116	Marshall	Owner	2300
2117	Ulrich	Kick	6000
2118	Feinelly	Owner	2700
2119	McGuire	Bristol	2175
2120	Pacific	Owner	1000
2121	Vollmer	Buchanan	1000
2122	Curtis	Curtla	2500
2123	Blair	Blair	3000
2124	Garbutt	Wise	2000
2125	Fisher	Van Horn	3000
2126	Dietle	Legault	6200
2127	Rosenberg	Patterson	3300
2128	McAroy	Runnels	7000
2129	Earl	Kidder	4385
2130	Brown	Owner	9000
2131	Sellman	Sellman	3500
2132	Brown	Owner	3500
2133	Gracie	Goranson	3900
2134	Tormey	Chambers	3500
2135	Alameda	Owner	2750
2136	Lassen	Jensen	4000
2137	Evans	Yerrick	14000
2138	Peerless	Christensen	10000
2139	Waltman	Wieben	5300
2140	Built In	Murch	19500
2141	McCabe	Barlow	1150
2142	Cisero	Owner	3000
2143	Stolte	Owner	4500
2144	Healy	Owner	3000
2145	Monfred	Le Fevre	2500
2146	Schultzer	Owner	3500
2147	Johnson	Owner	3500
2148	Eggleston	Marshall	19000
2149	Bray	Belcher	4850
2150	MacGregor	Owner	12000
2151	Neumann	Geary	3250
2152	Weidenger	Owner	3000
2153	Williamson	Owner	1800
2154	Williams	Owner	3600
2155	Marquis	Owner	7500
2156	Smith	Parks	2500
2157	Martz	Kat	3000
2158	Reeves	Owner	4800
2159	McCord	Owner	3000
2160	Decker	Dildine	7500
2161	Marquis	Owner	2500
2162	Vance	Innes	1800
2163	Agrella	Owner	3800
2164	Sordlin	Cushman	3000
2165	St. Francis	Power	75000
2166	Clement	Hewitt	2000
2167	Marquis	Owner	5000
2168	Marry	Griffith	2150
2169	Waltman	Weeben	5000
2170	Ravizza	Garello	3800
2171	Lippow	Owner	8000
2172	Roper	Barnard	5000
2173	W. C.—Y.M.C.A.	Frazee	1000
2174	Hayes	Frazers	3600
2175	Bramlage	Owner	3000
2176	Hemenway	Owner	6000
2177	Lundgren	Owner	2500
2178	Lindquist	Owner	4000
2179	Wilson	Owner	1200
2180	Flagg	Owner	9000
2181	Anderson	Owner	4500
2182	Foreman	Cemer	2000
2183	Flagg	Owner	4000

2184	Lewis	Thaxter	7000
2185	Barrin	Ortzow	3000
2186	Glantz	Owner	4000
2187	Doyle	Miller	4000
2188	Cronin	Knight	13900
2189	Johnson	Calif.	13500
2190	Byers	Bigley	2550
2191	Johnson	Yager	8000
2192	Moore	Gaba	5850
2193	Peppin	Owner	4900
2194	Chick	Noble	4000
2195	Boehn	Perry	11600
2196	Pfrang	Owner	6400
2197	Larson	Allen	10000
2198	White	Owner	3500
2199	Edsen	Roth	10000
2200	Rowell	Owner	1000
2201	Young	Seammon	2000
2202	Pfrang	Owner	6600
2203	Bridge	Ruegg	2500
2204	Knapp	Furlong	1950
2205	Moyle	Owner	3000
2206	Lurie	Vogt	20000
2207	Blair	Bailey	4000
2208	Prada	Williams	13000
2209	Denler	Valente	3600
2210	Gilbert	Owner	8500
2211	Graham	Owner	3000
2212	Bertoldi	Owner	4500
2213	Sheeline	Voorhees	10000
2214	Busso	Bristol	6000
2215	Cushman	Campbell	——

DWELLING
(2100) NO. 1142 DELAWARE, Berkeley. One-story 5-room dwelling
Owner—N. Pederson, 1210 Delaware St., Berkeley.
Architect—None.
Contractor—M. F. Furman, 1610 Kains Ave., Berkeley. $2500

DWELLINGS
(2101) NO. 1118 AND 1122 HARRISON St., Berkeley. Two one-story 4-room dwellings.
Owner—B. M. Paul, 954 Hilldale Ave., Berkeley.
Architect—None. $2500 each

DWELLING
(2102) NO. 2243 WOOLSEY ST., Berkeley. One-story 5-room dwlg.
Owner—J. E. Davenport, 3129 College Ave., Berkeley.
Architect—None.
Contractor—J. L. Rankin, 6082 Claremont Ave., Oakland. $3500

DWELLING
(2103) NO. 2430 SPAULDING ST., Berkeley. One-story 5-room dwlg.
Owner—F. Atzeroth, 533 Fillmore St., San Francisco.
Architect—None.
Contractor—Chas. Tammi, 2328-A McKinley Ave., Berkeley. $3500

DWELLINGS
(2104) NO. 2617 & 2619 SAN PABLO Ave., Berkeley. Two one-story 5-room dwellings.
Owner—R. H. Cross, Berkeley.
Architect—None.
Contractor — C. E. Burks, 4120 Randolph Ave., Oakland. $3000 ea.

DWELLING
(2105) NO. 1627 FRANCISCO ST., Berkeley. One-story 7-room dwlg.
Owner—Mrs. W. E. Seches, 2216 Parker St., Berkeley.
Architect—None.
Contractor—J. R. Hale, 1882 Harmon St., Berekeley. $3500

DWELLINGS
(2106) NO 2237-2241 AND 2245 WARD St., Berkeley. Three one-story 5-room dwellings.
Owner—E. E. Carpenter, Hotel Whitecotton, Berkeley.
Architect—None. $3200 each

APARTMENTS.
(2107) E. LAKESHORE, 100 N. Santa Ray. 2-3-story frame apartments.
Owner—Victor N. Rosenberg, 142 Hancock St., San Francisco. $18000

FIRE REPAIRS.
(2108) 427 12TH ST., Oakland. Fire repairs.
Owner—W. I. Brodeck, Crocker Bldg., San Francisco.
Architect—None.
Contractor—S. Kulchar & Co., 8th Ave and E. 10th St., Oakland. $18000

STORE.
(2109) W. CLAY ST., 100 N. 16th St., Oakland. 1-story brick store.
Owner—A. S. Linenson, Oakland.
Architect—None.
Contractor—F. A. Muller, Syndicate Bldg., Oakland. $34,000

DWELLING.
(2110) E. MIDVALE AVE., 120 S. Arizona, Oakland. One-story, 3-room dwelling.
Owner—A. D. Thomas, 2937 Madeline St. Oakland.
Architect—None. $2000

STORE.
(2111) N. BOND ST., 50 E. Fairfax Ave., Oakland. One-story frame stores.
Owner—Alf. Hermanson, Oakland.
Architect—None.
Contractor—Oakley & Kolmodin, 1911 65th Ave., Oakland. $5185

DWELLINGS.
(2112) N. MAXWELL AVE., 500 & 580 E. Brookdale, Oakland. Two 1-story 6-room dwellings.
Owner—J. B. Peppin, 851 Trestle Glen Rd., Oakland.
Architect—None. $4900 & $4950

FLATS & STORE.
(2113) 5311 E. 14TH ST., Oakland. Two-story 8-room flats and store.
Owner—John Krafuse, Premises.
Architect—None.
Contractor—James D. Horton, 581 9th St., Oakland. $3850

DWELLING.
(2114) 1021 45TH AVE., Oakland. One-story, 5-room dwelling.
Owner—W. J. Hanner, 1745 102nd Ave., Oakland.
Architect—None. $2800

GARAGES.
(2115) S. BAY VIEW AVE., 300 & 349 W. Elliott, Oakland. Two garages.
Owner—D. Barnes, Oakland.
Architect—None.
Contractor—Calif. Builders Co., 1534 Franklin, Oakland. $500 each

DWELLING.
(2116) 3823 Hopkins St., Oakland. One-story 4-room dwelling.
Owner—M. Marshall, 3905 Patterson Ave., Oakland.
Architect—None. $2300

DWELLINGS.
(2117) N HALLIDAY AVE 200 & 235 W 73rd Ave., Oakland. 2 1-story 4-room dwellings.
Owner—F. E. Ulrick, 47th Ave. and E-14th St., Oakland.
Architect—None.
Contractor—Kick & Stade, 2325 Humboldt Ave., Oakland. $2500 ea.

DWELLING
(2118) 5473 El Camile, Oakland. 1-sto. 5-room dwelling.
Owner—Jas. D. Pernelly, 2910 E-22nd St., Oakland.
Architect—None. $3700

DWELLING
(2119) 37 RIO VISTA AVE., Oakland. 1-story 3-room dwelling.
Owner—Margaret McGuire, premises.
Architect—None.
Contractor—Mark Bristol, 2511 Vine St. Berkeley. $2175

ALTERATION
(2120) 1501 THIRTY-SEVENTH AVE., Oakland. Alteration.
Owner—Pacific Coast Rattan Co., prem.
Architect—None. $1000

ADDITION
(2121) 843 FIFTY-FIFTH ST., Oakland. Addition.
Owner—Mrs. F. V. Vollmer, premises.
Architect—None.
Contractor—R. C. Buchana, Oakland. $1000

DWELLING
(2122) 7934 NEY AVE., Oakland. 1-story 4-room dwelling.
Owner—Katherine Curtis, 7930 Ney Ave Oakland.
Architect—None.
Contractor—C. A. Curtis, 7930 Ney Ave., Oakland. $2500

DWELLING
(2123) 2100 THIRTEENTH AVE., Oakland. 1-story 4-room dwelling.
Owner—Elizabeth I. Blair, 2035 13th Ave., Oakland.
Architect—None.
Contractor—Edward W. Blair, 2035 13th Ave., Oakland. $3000

DWELLING
(2124) 5545 HARMON AVE., Oakland. 1-story 4-room dwelling.
Owner—Maggie B. Garbutt.
Architect—None.
Contractor—M. F. Wise, 3248 Chestnut St., Oakland. $2000

DWELLING
(2125) S MURITANIA 200 E Seminary, Oakland. 1-story 5-room dwelling.
Owner—R. T. Fisher, 5935 Muritania, Oakland.
Architect—None.
Contractor—D. W. Von Horn, 5935 Muritania, Oakland. $3000

STORES & APTS.
(2126) LOT 14 BLK F DALY'S Subdivision port Robinson Tract, Oakland. 2-story stores and apartments
Owner—Gustav A. & Caroline Dietle, 4055 Foothill Blvd., Oakland.
Architect—None.
Contractor—Oliver Legault, 3007 Market St., Oakland.
Filed May 3, 1923. Dated May 3, 1923.
Frame up .....¼
Brown coated .....¼
Completed and accepted .....¼
Usual 35 days .....¼
TOTAL COST, $6200
Bond, Sureties, none; Forfeit, $2 day; Limit, 90 days; Plans and specifications filed.

DWELLING
(2127) LOTS 7 & 8 BLK 23 SMITHS Subdivision Mathews Tract, Berkeley. 1-story 5-room dwelling.
Owner—John Rosenberg, 720 10th St., Oakland.
Architect—None.
Contractor — G. D. Patterson, 1545 Dwight Way, Berkeley.
Filed May 3, 1923. Dated April 27, 1923.
Lumber delivered $400
Other payments 1st and 15th each month 85%
10 days after.....15%
TOTAL COST, $3300
Bond, Sureties, Forfeit, none; Limit, 90 days; Plans and specifications, none.

DWELLINGS
(2128) 2545 & 2549 MARTINEZ, Berkeley. 2 1-story 5-room dwellings.
Owner—Andrew McAvoy, 2133 University Ave., Berkeley.
Architect—None.
Contractor—Oscar I Runnels, Euclid & Marin, Berkeley. $3500 each

DWELLING
(2129) 2215 CARLTON, Berkeley. 1-story 5-room dwelling.
Owner—Geo. F. Earl, Russell St., Berkeley.
Architect—None.
Contractor—H. C. Kidder, 1923 Francisco, Berkeley. $4385

DWELLINGS.
(2130) 1400 & 1404 & 1412 HOPKINS ST., Oakland. Three 1-story, 5-room dwellings.
Owner—Brown & Stenbro, 1707 Broadway, Oakland.
Architect—None. $3000 each

DWELLING.
(2131) 2450 RUTH AVE., Oakland. 1-story 5-room dwelling.
Owner—Mrs. J. G. Sellman, 5456 Brookdale Ave., Oakland.
Architect—None.
Contractor—C. G. Sellman, 5456 Brookdale Ave., Oakland. $3500

DWELLING.
(2132) 1408 HOPKINS ST., Oakland. One-story, 6-room dwelling.
Owner—Brown & Stenbro, 1707 Broadway, Oakland.
Architect—None. $3500

DWELLING.
(2133) 3544 BOSTON AVE., Oakland. One-story 6-room dwelling.
Owner—A. E. Gracie, 2701 Hopkins St., Oakland.
Architect—None.
Contractor—H. Goranson, 3476 Laguna Ave., Oakland. $3900

DWELLING.
(2134) 1083 61ST ST., Oakland. One-story, 5-room dwelling.
Owner—Arthur Tormey, Plaza Bldg., Oakland.
Architect—None.
Contractor—J. F. Chambers, Oakland. $3500

DWELLING.
(2135) NE COR MADELINE ST. and Maple Ave., Oakland. One-story 5-room dwelling.
Owner—Alameda Inv. Co., Syndicate Bldg., Oakland.
Architect—None. $2750

DWELLING.
(2136) 324 49TH ST., Oakland. One-story 5-room dwelling.
Owner—G. Lassen, Dover St., Oakland.
Architect—None.
Contractors—Jensen & Pedersen, 3443 Adeline St., Oakland. $4000

FLATS.
(2137) 4155-57-59-61 EMERALD, Oakland. Two-story 16-room flats.
Owner—J. S. Evans, 4128 Manila Ave., Oakland.
Architect—None.
Contractor—A. J. Yerrick, 5253 College Ave., Oakland. $14,000

FACTORY.
(2138) SE COR 40TH & OPAL STS., Oakland. One-story brick factory.
Owner—Peerless Potato Chip Co., 4145 Broadway, Oakland.
Architect—None.
Contractors—H. J. Christensen & S. McPherson, 505 17th St., Oakland. $10,000

DWELLING
(2139) LOT 4 BLK K EXCELSIOR Heights, Oakland. 1-story dwelling and garage.
Owner—John Waitman, 2038 Rutherford, Oakland.
Architect—None.
Contractor—Alex C. Wieben, 839 Rosemont, Oakland.
Filed May 4, 1923. Dated April 27, 1923.
Frame up .....¼
Brown coated .....¼
Completed and accepted .....¼
Usual 35 days .....¼
TOTAL COST, $5300
Bond, Sureties. Forfeit, None; Limit, 90 days; Plans and specifications none.

FACTORY.
(2140) W SAN PABLO AVE., 51-3 S Parker St., S 86-5¾, W 270, N 153-8½, E 135, S 51-3, E 135, Berkeley. One-story factory.
Owner—Built-in Fixture Co., 1911 San Pablo Ave., Berkeley.
Architect—None.
Contractor—Walter Murch, Federal Bldg., Oakland.
Filed May 4, '23. Dated May 4, '23.
As bills come due.
Contractor gets $750 COST $19,500
Limit 60 days.
Bond, Sureties, Forfeit, none. Limit. 60 days; plans and spec., none.

DWELLING
(2141) NW SIXTY-FIRST & DOVER, Oakland. Two-story 3-room dwlg.
Owner—N. McCabe, 6103 Dover St., Oakland.
Architect—None.
Contractor—H. E. Barlow, 842 37th St., Oakland. $1150

DWELLING
(2142) E MARKET 128 W Fortleth, Oakland. One-story 5-room dwlg.
Owner—Cisero & Raineri, 458 42nd St., Oakland.
Architect—None. $3000

DWELLING
(2143) NE SYLVAN AND MAPLE Aves., Oakland. One-story 5-room dwelling and store.
Owner—F. C. Stolte, — Laguna Ave., Oakland.
Architect—None. $4500

DWELLING
(2144) W NINTH AVE 30 S E-22nd, Oakland. One-story 5-room dwlg.
Owner—P. J. Healy, 39 Nace Ave., Piedmont.
Architect—None. $3000

DWELLING
(2145) W EIGHTH AVE 146 S E-24th St., Oakland. One-story 4-room dwelling.
Owner—L. Monfred, 1946 10th Ave., Oakland.
Architect—None.
Contractor—Samuel V. Le Fevre, SE Cor. Ritchie and Ney Sts., Oakland. $2500

DWELLING
(2146) NO. 1305 DERBY AVE., Oakland. One-story 6-room 2-family dwelling.
Owner—John Schultzler, Premises.
Architect—None. $3500

DWELLING
(2147) NO. 1032 ARLINGTON AVE., Oakland. One-story 5-room dwlg.
Owner—H. E. Johnson, 6440 Woodland Ave., San Francisco.
Architect—None. $3500

STORES
(2148) SW FAIRFAX & FOOTHILL Blvd., Oakland One-story tile stores.
Owner—C. P. Eggleston, 5116 Foothill Blvd., Oakland.
Architect—None.
Contractor—Marshall & Burks, Bacon Bldg., Oakland. $19,000

ALTERATIONS
(2149) N VISTA AVE — W Bonita, Piedmont. All work for altering dwelling.
Owner—Mrs. Lucile Bray.
Architect — Houghton Sawyer, Hearst Bldg., San Francisco.
Contractor—R. T. Belcher.
Filed May 5, '23. Dated May 2, '23.
On 1st and 15th of each month 75%
Usual 35 days..... 25%
TOTAL COST, $4850
Bond, $2425. Surety, New Amsterdam Casualty Co. Limitfi 60 days. Forfeit, none. Plans and specifications filed.

DWELLINGS
(2150) NO. 1307, 1325, 1329, 1333, 1337, 1341 Sixty-sixth St., Berkeley.Six-one-story 6-room dwellings.
Owner—C. M. MacGregor, 470 13th St., Oakland.
Architect—None. $3500 each

DWELLING
(2151) NO. 2515 MABEL ST., Berkeley. One-story 4-room dwelling.
Owner—Lester P. Neumann, 1008 Capp St., San Francisco.
Architect—None.
Contractor—L. G. Geary, 524 58th St., Oakland. $3350

DWELLING
(2152) NO. 1201 PARK ST., Berkeley. One-story 5-room dwelling.
Owner—W. P. Wiedenger, 1201 Parker St., Berkeley.
Architect—None. $3000

DWELLING
(2153) NO. 1530 ADDISON ST., Berkeley. One-story 4-room dwlg.
Owner — L. M. Williamson, Walnut Creek, Calif.
Architect—None. $1800

DWELLING
(2154) NO. 1129 GLEN AVE., Berkeley One-story 6-room dwelling.
Owner—Walter Williams, 306 San Carlos Ave., Piedmont.
Architect—None. $3600

DWELLINGS
(2155) 3700, 3710, 3728 CARRINGTON St., Oakland, 3 1-story dwellings.
Owner—E. M. Marquis, 2827 Russell St., Berkeley.
Architect—None. $2500 each

DWELLING
(2156) 3611 MANGELS AVE., Oakland. 1-story 5-room dwelling.
Owner—Mrs. Bertha Smith, 32 Parsons St., Oakland.
Architect—None.
Contractor—D. W. Parks, 476 Crescent St., Oakland. $2500

DWELLING
(2157) 2332 NINTH AVE., Oakland. 1-story 5-room dwelling.
Owner—C. C. Martz, 916 E 24th St., Okd.
Architect—None.
Contractor—Wm. Kat, 2430 Humboldt Ave., Oakland. $3000

DWELLINGS
(2158) 3814 & 3820 LYON AVE., Oakland. 2 1-story 5-room dwellings.
Owner—R. E. Reeves, 1505 37th Ave., Oakland.
Architect—None. $2400 each

DWELLING
(2159) 1940 ONE HUNDRED SECOND Ave., Oakland. 1-story 4-room dwlg
Owner—E. J. McCord, 8821 E-14th St., Oakland.
Architect—None. $3000

FLATS
(2160) SW COR. BROOKLYN & VAN Dyke, Oakland. 2-story 10-room flats.
Owner—Edith Decker.
Architect—None.
Contractor—Dildine & Knight, 378 63rd St., Oakland. $7500

DWELLING
(2161) 3712 SANTA RITA ST., Oakland. 1-story 5-room dwelling.
Owner—E. M. Marquis, 2827 Russell St. Berkeley.
Architect—None $2500

ADDITION
(2162) 819 FIFTY-NINTH ST., Oakland. Addition.
Owner—N. D. Vance, premises.
Architect—None.
Contractor—C. McInnes, 660 32nd St., Oakland. $1800

DWELLING
(2163) 1512 SEVENTY-EIGHTH AVE. Oakland. 1-story 5-room dwelling.
Owner—A. J. Agrella, 1807 E-12th St., Oakland.
Architect—None. $3800

DWELLING
(2164) 9442 D St., Oakland. 1-story 5-room dwelling.
Owner—Louie Sordlin, 9226 D St., Oakland
Architect—None.
Contractor—C. A. Cushman, 1675 85th Ave., Oakland. $3000

SCHOOL
(2165) SE COR TWENTY-FIRST AND Grove Sts., Oakland. 2-story brick school.
Owner—St. Francis De Sales Parish.
Architect — James W. Plachek, 2014 Shattuck Ave., Berkeley.
Contractor—J. J. Power, 774 20th St., Oakland. $75,000

DWELLING
(2166) 1221 SEVENTY-THIRD AVE., Oakland. 1-story 3-room dwelling.
Owner—Harry Clement, 8821 E-14th St. Oakland.
Architect—None.
Contractor—C. L. Hewitt, 2736 98th Ave Oakland. $2000

DWELLINGS
(2167) 2252 & 2258 RANSOME ST., Oakland. 2 1-story 5-room dwlgs.
Owner—E. M. Marquis, 2827 Russell St., Berkeley.
Architect—None. $2500 each

DWELLING
(2168) 467 FORTY-SECOND ST., Oakland. 1-story 4-room dwelling.
Owner—Leo J. Many, Rich St., Oakland
Architect—None.
Contractor—Griffith & Nickerson; 1323 96th Ave., Oakland. $2180

DWELLING
(2169) 618 ATHOL AVE., Oakland. 1-story 6-room dwelling.
Owner—John Waitman, Key Route Inn, Oakland.
Architect—None.
Contractor—A. C. Wieben, 839 Rosemont Rd., Oakland. $5000

DWELLING
(2170) E CANNING ST. 50 S 61st St., Oakland. 1-story 5-room dwelling.
Owner—F. Ravizza, 2117 Ashby Ave., Berkeley.
Architect—None.
Contractor—P. Garello, 870 47th St., Oakland $2800

GARAGE
(2171) SW COR. FIFTEENTH AND Grove Sts., Oakland., 1-story brick and tile garage.
Owner—Lippow B. F. Knott, 815 Grand Ave., Oakland.
Architect—None. $8000

DWELLING
(2172) 1118 EUCLID, Berkeley. 1-sto. 6-room dwelling.
Owner—C. F. Roper.
Architect—None.
Contractor — C. S. Barnard, 2312 B Prince St., Berkeley, $5000

HEATING PLANT Cost, $1000
(2173) SE COR UNION & ALLSTON, Berkeley. Steam heating plant.
Owner—W. C. Y. W. C. A., premises.
Architect—None.
Contractor—L. D. Frazee, 699 36th St. Oakland. $1000

DWELLING
(2174) 2909 OTIS, Berkeley. 1-story 5-room dwelling.
Owner—Nellie Hayes, 2907 Otis, Berkeley.
Architect—None.
Contractor—J. V. Frazers, 2324 Peralta Ave., Oakland. $3600

DWELLING
(2175) 794 MIRAMAR, Berkeley. 1-sto. 5-room dwelling.
Owner—E. D. Bramlage, 815 Peralta Ave., Berkeley.
Architect—None. $3000

DWELLING
(2176) 480 PRINCE ST., Oakland. 1-story 7r-room dwelling.
Owner—E. A. Hemenway, 390 63rd St., Oakland.
Architect—None. $6000

DWELLING
(2177) 1751 EIGHTY-SECOND AVE., Oakland. 1-story 4-room dwlgs.
Owner—Gus Lundgren.
Architect—None. $2500

DWELLINGS
(2178) 5915 & 6039 HOLWAY AVE., Oakland. 2 1-story 4-room dwlgs.
Owner—C. W. Lindquist, 1586½ Pacific Ave., Alameda.
Architect—None. $2000 each

DWELLING
(2179) N FAIRVIEW AVE. OPP WILkie Ave., Oakland. 1-story 4-room dwelling.
Owner—Joe Wilson, 4758 Fairview Ave Oakland.
Architect—None $1200

DWELLING
(2180) E MAXWELL AVE 40 S Brookdale Ave., Oakland. 3 1-story 5-rm. dwellings.
Owner—Flagg & Turner, 1938 Auseon Ave., Oakland.
Architect—None. $3000 ea.

DWELLING
(2181) 604 BLVD. WAY, Oakland. 1-story 5-room dwelling.
Owner—A. P. Anderson, 5601 Adeline St., Oakland.
Architect—None. $4500

SIGNS
(2182) NE TWELFTH AND WASHington Sts., Oakland. Two electric signs.
Owner—Foreman & Clark. Premises.
Architect—None.
Contractor—American Electric Sign Co 1740 Eddy St, S. F. $1000 each

DWELLING
(2183) NE MAXWELL AND TRASK, Oakland. One-story 6-room dwlg.
Owner—Flagg & Turner, 1938 Auseon Ave., Oakland.
Architect—None. $4000

FLATS
(2184) W TELEGRAPH AVE 200 S Sixtieth, Oakland. Two-story 8-room flats.
Owner—F. W. Lewis, 485 37th St, Oakland.
Architect—None.
Contractor—F. W. Thaxter, 3029 Regent St., Berkeley. $7000

GARAGE
(2185) S SIXTH ST. 75 E Grove St., Oakland. 1-story tile garage.
Owner—J. G. Barrin, 639 6th St., Oakland.
Architect—None.
Contractor—A. Ortzow, 3929 West St, Oakland $3000

DWELLING
(2186) N HOPKINS ST 250 E 13th Ave., Oakland 1-story 6-room dwlg
Owner—C. W. Glantz, 737 Brookwood Rd., Oakland.
Architect—None. $4000

DWELLING
(2187) 1820 MELROSE AVE., Oakland 1-story 2-fam. dwelling.
Owner—J S Doyle, 4816 Melrose Ave., Oakland.
Architect—None.
Contractor—S. J. Miller, 4212 Masterson St., Oakland. $4000

FLATS
(2188) N FORTIETH ST. 568 W Webster St., Oakland. 2-story 12-room flats and garage.
Owner—Jane R. Cronin; 388 12th St., Oakland.
Architect—None.
Contractor—Harry C. Knight, 388 12th St., Oakland. $13,900

FLATS
(2189) SE COR. FORTY-SECOND AND Emerald Sts., Oakland. 2-story 16-room flats and garage.
Owner—C. P. Johnson.
Architect—None.
Contractor—California Builders Co., 1534 Franklin St., Oakland. $13,500

BUILDING
(2190) LOTS 3 & 4 BLK 7 REGENTS Park No. 4, Albany. Building.
Owner—George D. Byers, Albany.
Architect—B. F. Wooley
Contractor—Bigley & Walsh, El Centro
Filed May 8, 1923. Dated May 3, 1923.
Frame up ..... ¼
Outside finish on ..... ¼
Brown coated ..... ¼
Usual 35 days ..... ¼
TOTAL COST, $2550.98
Bond, $1275.49; Sureties, Maryland Casualty Co.; Forfeit, $5 day; Limit, 40 days; Plans and specifications, none.

DWELLING
(2191) NO. 211 EL CERRITO AVE., Piedmont. One-story 6-room dwelling and garage.
Owner—L. Johnson & Son.
Architect—None.
Contractor — R. Yager, 3501 Chestnut St., Oakland. $8000

DWELLING
(2192) NO 102 RICARDO AVE., Piedmont. One-story 6-room dwelling and garage.
Owner—Miss L. C. Moore, 2122 Ward St., Piedmont.
Architect—None.
Contractor—J. W. Gaba, 5535 Hermosa Ave., Oakland. $5850

DWELLING
(2193) NO. 119 WILDWOOD AVE, Piedmont. One-story 6-room dwelling and garage.
Owner—J. B. Peppin, 1132 Franklin St., Oakland.
Architect—None. $4900

DWELLING
(2194) NO. 2156 CLINTON, Alameda. One-story 8-room dwelling
Owner—H. E. Chick, 2150 Clinton Ave., Alameda.
Architect—None.
Contractor—G. H. Noble, 1401 Park St., Alameda. $4000

DWELLINGS
(2195) NO. 2054 LINCOLN AVE., Alameda. Six one-story 4-room dwellings and 1 garage
Owner—A. A. Boehn, 2060 Lincoln Ave., Alameda.
Architect—None.
Contractor — J. F. Perry, 733 Haight Ave., Alameda. $1800 each garage, $800.

DWELLING
(2196) NO. 2428 PRINCE ST., Berkeley. One-story 6-room dwelling.
Owner—C. J. Pfrang, 480 Forest Ave., Berkeley.
Architect—None. $6400

APARTMENTS
(2197) NO. 1631 OXFORD ST., Berkeley. Two-story 12-room apartments.
Owner — O. Larson, 1609 Oxford St., Berkeley.
Architect—None
Contractor—Allen & Conrad, 351 12th St., Oakland. $10,000

ADDITION
(2198) NO. 2641-43 CHANNING WAY, Berkeley. Addition.
Owner—Mrs L. W. White, 22 Panoramic Way, Berkeley.
Architect—None. $3500

APARTMENTS
(2199) NO 2613-15 REGENT ST., Berkeley Two-story 16-room apartments.
Owner — C. H. Edsen, 2637 Benvenue Ave., Berkeley.
Architect—None.
Contractor—Conrad Roth, R. F. D. No. 3, Box 46, Hayward. $10,000

ADDITION
(2200) NO. 3158 COLLEGE AVE., Berkeley. Addition.
Owner—Hubert N. Rowell. Premises.
Architect—None. $1000

ALTERATIONS
(2201) NO. 2115 McKINLEY ST., Berkeley. Alterations.
Owner—Mrs. J. E. Young, Premises.
Architect—None.
Contractor—C. F. Scammon, 2070 University Ave., Berkeley. $2000

DWELLING
(2202) NO. 1944 NAPA ST., Berkeley. one-story 6-room dwelling.
Owner—C. J. Pfrang, 480 Forest Ave., Oakland.
Architect—None. $6600

ALTERATIONS
(2203) NO. 17 EL CAMINO REAL, Berkeley. Alterations and additions.
Owner—H. S. Bridge.
Architect—None.
Contractor—Ruegg Bros., Inc., American National Bank Bldg., San Francisco. $2500

ALTERATION
(2204) S E-FOURTEENTH ST. 300 W 23 Ave., Oakland. Alteration.
Owner—H. V. Knapp.
Architect—None.
Contractor—Thos. F. L. Furlong, 557 El Dorado Ave., Oakland. $1950

DWELLING
(2205) 2488 SIXTY-THIRD AVE., Okd. 1-story 4-room dwelling.
Owner—J. Moyle, 2482 63rd Ave., Okd.
Architect—None. $3000

BUILDING
(2206) SE COR. THIRTY-SECOND & Adeline Sts., Oakland. 1-story brick building.
Owner—The Lurie Co., 315 Montgomery St., San Francisco.
Architect — O'Brien Bros., 315 Montgomery St., San Francisco.
Contractor—Alfred H. Vogt, 185 Stockton St., San Francisco. $20,000

ALTER & ADDITIONS
(2207) 546 THIRTIETH ST., Oakland.
Owner—Jas. R. Blair, premises.
Architect—None.
Contractor—Gus Bailey, premises $4000

APARTMENTS
(2208) W LESTER AVE. 250 N Acton Place, Oakland. 2-story 14-room apartments.
Owner—Mrs. Margaret Prada, 1343 Sacramento St., San Francisco.
Architect—None.
Contractor — Chas. C. Williams, 1534 Franklin St., Oakland. $13,000

DWELLING
(2209) 461 FORTY-THIRD ST., Oakland. 1-story 5-room dwelling.
Owner—A. Denelr.
Architect—None.
Contractor—M. E. Valente, 5215 Lockaley Ave., Oakland. $3600

DWELLING
(2210) 831 LONGRIDGE, Oakland. 2-story 7-room dwelling.
Owner—F. M. Gilbert, 625 Sutter St., San Francisco.
Architect—Clarence Tantau, 251 Kearny St., San Francisco. $8500

DWELLING
(2211) W SIXTY-FIFTH AVE. 105 N Fairview Way, Oakland. 1-story 5-room dwelling.
Owner—Lewis Graham, 2740 77th Ave Oakland.
Architect—None. $3000

DWELLING
(2212) S BROOKWOOD ROAD OPP. Stratford Rd., Oakland. 1-story 6-room dwelling.
Owner—J. Bertoidi, 5025 Vicente St., Oakland.
Architect—None. $4500

ADDITION
(2213) 2265 BROADWAY, Oakland. 1-story brick addition.
Owner—Sheeline Greenhood & Marks, Hotel St. Mark, Oakland.

Architect—None.
Contractor—F. D. Voorhees, 1829 West St., Oakland. $10,000

GARAGE
(2214) W PERALTA St., 121 N 18th St. Oakland. 1-story brick & tile gar. Owner—Peto Busso, 1805 Kirkham St., Oakland.
Architect—None.
Contractor—Mark Bristol, 2511 Vine St. Berkeley. $6000

DWELLING
(2215) LOT 11 BLK 5 MAP THOUSand Oaks, Berkeley. 1-story dwlg. Owner—O. E. Cushman, Berkeley.
Architect—None.
Contractor — Douglas Campbell, 2421 Oregon Blvd., Berkeley.
Filed May 9, 1923. Dated May 7, 1923. Owner pays all bills.
TOTAL COST$——
Contractor gets 10% at completion. Bond, Sureties, Forfeit, none; Limit, 100 days; Plans and specifications filed.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Accepted
May 3, 1923—W OXFORD 240 N Cedar 60x134, Berkeley. Mary A Parker to California Builders Co. .....May 2, 1923
May 3, 1923—LOT 24 BLK "E" Map Foothill Park, Oakland. Tekla S Newman to E O Newman..... .....April 30, 1923
May 3, 1923—LOT 27 BLK "F" Northbrae Terrace, Berkeley. Blanche Wilson Howell to J Henry Wolbold.....April 28, 1923
May 3, 1923—SW HOLWAY ST. & Sixty-second Ave., Oakland. K A Johanson to whom it may concern.....May 2, 1923
May 3, 1923—W ½ LOTS 3 AND 4 Miranda Kimball Tract, Oakland. K A Johanson to whom it may concern.....May 2, 1923
May 2, 1923—LOT 17 BLK "A" Map Showing Portion Quigley Tract, Brooklyn Tp. Elizabeth C and Frank E Ryan to whom it may concern.....May 2, 1923
May 4, 1923—LOTS 31 AND 32 BLK "D" Map Laurel Grove Park, Oakland. Geo B Hughes to whom it may concern.....May 3, 1923
May 4, 1923—E 5 LOT 24 and W 27 Lot 25 Blk "D" Southern Ptn Blake Tract, Berkeley. Laura B Bent to E M Bent.....March 1, 1923
May 4, 1923—E 21 LOT 26 and W 15 Lot 27 Blk "D" Southern Ptn Blake Tract, Berkeley. Laura B Bent to whom it may concern. Mar 28, 1923
May 3, 1923—NE 15 LOT 15, all Lot 16 and SW 5 Lot 17 Blk 2, Auseon's Moss Tract, Oakland. N B Clarke to H V Clarke.....May 3, 1923
May 5, 1923—E LINDEN bet. 1st and 3rd, Oakland. California Packing Corp to Henry J Christensen..... .....May 1, 1923
May 5, 1923—NE LOSS AVE AND Broadway E 150 N 192 E 250 S 442 W 322-8, Oakland. Fabiola Hospital Assn to Ariss-Knapp Co..... .....April 29, 1923
May 5, 1923—LOT 15 BLK "J" Map Northbrae Terrace, Berkeley. Geo H Hart to James D Horton..... .....May 4, 1923
May 5, 1923—NO. 2321 HARRINGTON Ave., Oakland. J E Close to A E Orton.....May 4 1923
May 5, 1923—NO. 2315 HARRINGTON Ave., Oakland. J E Close to A E Orton.....May 4, 1923
May 5, 1923—S CARMEL AVE 86 W Oakland Ave., Piedmont. William Oszdorff to Burritt & Sheeley..... .....May 4, 1923
May 5, 1923—E BROADWAY 125 N 41st Oakland. William Oszdorff to F C Stolte.....May 5, 1923
May 5, 1923—LOT 6 BLK 3, Map Grand View Terrace, Berkeley. T Graves to W P Jones.....May 4, 1923
May 5, 1923—N THIRTY-SECOND St. No. 668, Oakland. Carrie B Hammerton to C J Pickering..... .....May 3, 1923
May 4, 1923—LOT 21 BLK 7, North-Brae, Berkeley. Grove E and Anne M Herrmann to C M Norgrove... .....May 3 1923
May 4, 1923—SW COUNTY ROAD from Oakland to San Leandro 100 E Merrill Ave SE 25 SW 100, Oakland. F Furrer to Jos Flittner.. .....May 3, 1923
May 4, 1923—LOTS 45 AND 46 Map Redwood Park, Oakland. James Monroe Lowe, J W De Gloria and M E De Gloria to Jos Flittner.... .....May 3, 1923
May 4, 1923—PULLMAN SPUR, Richmond. S P Co to Hutchinson Co.. .....April 25, 1923
May 4, 1923—FRUITVALE POWER House, Oakland. S P Co to Albert Dean.....April 30, 1923
May 4, 1923—NW THIRTY-EIGHTH Ave 116-8 NE Carrington NE 58-4 xNW 110, Oakland. Mrs. E Ferrand to Neil Ferrand....May 4, 1923
May 7, 1923——LOT 22 BLK "E" Northbrae Terrace, Berkeley. E Ronald Foster to C A Allen and Ben D Conrad.....May 1, 1923
May 7, 1923—SE FORTIETH AND Telegraph Ave 103x120, Oakland. H W Christy to McWethy & Greenleaf.....April 29, 1923
May 7, 1923—NE CHICAGO AND Brooklyn Aves N 36-6xE 100, Oakland. W A Ghirardelli to F C Stolte.....May 7, 1923
May 7, 1923—NO. 4200 PORTER ST., Oakland. E E Pullen to E J Chandler.....April 30, 1923
May 7, 1923—NE FIFTY-FIFTH AND Grove E 61xN 51, Oakland. W E Witter to whom it may concern... .....May 5, 1923
May 8, 1923—3368 Maple Ave., Oakland. Mrs. Jane M. Woods to Walter J. Woods.....
May 8, 1923—NE HOPKINS St. & SE Dimond Ave, SE 43 NE 80, Oakland. Claudia J. Crichton to G. A. Scott .....May 3, 1923
May 8, 1923—312 NEWTON AVE. 40x 35, Oakland. Ida M. Cox to Van Doren & Van Doren.....May 8, 1923
May 9, 1923—VICINITY OF WEBster Junction Station, Alameda. Associated Oil Co to Judson Mfg Co.....April 30, 1923
May 9, 1923—NINETY-EIGHTH AV., Oakland. S P Co to Hutchinson Co .....May 4, 1923
May 9, 1923—FAIRFAX STATION, Oakland. S P Co to Hutchinson Co.....May 4, 1923
May 9, 1923—NO. 445 SIXTY-THIRD St., Oakland. Mabel I Wilson to Edwin A Hemenway....May 1, 1923

LIENS FILED

ALAMEDA COUNTY

Recorded Amount
May 3, 1923—NE E-EIGHTEENTH & SE Park Blvd SE 165xNE 100, Oakland. American Trading Co. of the Pacific Coast vs Dimitrios P and Louisa Kalitsas $873
May 5, 1923—NE E-EIGHTEENTH and SE Park Blvd SE 165xNE 100, Oakland. Rigney Tile Co vs D P Kalitsas $262
May 7, 1923—SW CONTRA COSTA Ave and Euclid St., Berkeley. A M Sayers vs A D Whearty and Gladys L Whearty.....$363.60
May 9, 1923—NW THIRTY-NINTH Ave 60 SW Santa Rita SW 39xNW 120, Oakland. F C Miller vs Christian Johnson, Mary Johnson, Ernest C and Alice M Sydes.....$170

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded Amount
May 3, 1923—LOT 21 BLK "O" Map Block M, N. O. P. Harmon Tract, Berkeley. Hoff Magnesite Co to W G Ahlf $160.31
May 2, 1923—NW SUNNYSIDE DR 181-93 SW 68-10 SE 181-89. San Leo-963 NE E-Fourteenth NE 67.84 NW andro. Manuel Nunes, $46.40; California Door Co, $264; Powell Bros. Inc., $70; M A Lopes, $140.70 and Eureka Mill & Lumber Co, $1105.68 to Emma E Starr & Darling Harding Co .....
May 2, 1923—LOT 39 BLK "G" Map 4th Ave Terrace, Oakland. Hogan Lumber & Mill Co to Richard T Clare $281.59
May 8, 1923—NW SUNNYSIDE DR 403 NE E-14th St. NE 40 NW 181.59 SW 40 SE 181.56, San Leandro. Swift & Co. to L. D. Swift....$579.80

Notice of Non-Responsibility

ALAMEDA COUNTY

May 4, 1923—LOT "F" City Hall Tct and Lot 9 Map Ptn Lot "E" City Hall Tract, Oakland. George C Pardee as to improvements on property .....
May 8, 1923—HOME PLACE M J Kerwin Brooklyn Tp. Estate M J Kerwin as to improvements on property .....

BUILDING CONTRACTS

FRESNO COUNTY.

$5,000 and Over Reported

STORE building, $6750; No. 715 G St., Fresno; owner, V. Basmajian, 2443 Mono St., Fresno; contractor, De Luxe Constr. Co., Fresno.
ALTERATIONS and additions, $5200; No. 1935 Kern St., Fresno; owner, Henry Dermer, Tulare and I Sts. Fresno; contractor, E. J. Farr, 245 Forthcamp Ave., Fresno.
ALTERATIONS and additions, $5400; No. 962 J St., Fresno; owner, Ben Lipsay; contractor, E. J. Farr, 245 Forthcamp Ave., Fresno.
ALTER & ADD, $15,000; 536 C St., Fresno; owner, Conrad Bitter; contractor, Karle & Luder.
DWELLING and laundry, $7400; 3219 Tulare Ave., Fresno; owner, Vincent Pedelaboards; contractor, Louis Cereghino & Sons, Cory Bldg. Fresno. $7400

COMPLETION NOTICES

FRESNO COUNTY

Recorded Accepted
April 28, 1923—LOTS 13-14 BLOCK 3 Torrance, Fresno. Watkins & Deadorf to whom it may concern..... .....April 28, 1923
April 28, 1923—LOTS 29-30 BLOCK 9 La Sierra Tract, Fresno. Martin Roy to whom it may concern..... .....April 28, 1923
April 28, 1923—TWO BLDGS ON LTS 18-19 Block 77, lots 19-20 block 80, Sierra Vista Add. No. 4, Fresno. J. A. Schlotthauer to whom it may concern .....April 28, 1923
April 28, 1923—LOT 17 E ½ OF LOT 18 Blk 1 Torrance Terrace, Fresno. H. E. Guynn to whom it may concern. .....April 28, 1923
April 28, 1923—LOT 14 EAST ELMhurst, Fresno. Geo. J. Overholt to whom it may concern...Apr. 28, 1923
April 30, 1923—LOTS 40 & 41 BLOCK 5 Lincoln Terrace. Robert E. Brown to whom it may concern.... .....April 30, 1923
May 1, 1923—LOT 38 Stivers Tract No. 3, Fresno. M A Stivers to whom it may concern.....April 27, 1923
May 1, 1923—LOTS 32 AND 33 BLK 15, North Park Terrace, Fresno. R L and Alma Snyder to whom it may concern.....April 28, 1923
May 1, 1923—LOTS 12 AND 13 BLK 4, Torrance Terrace, Fresno. Geo 7 May to whom it may concern.... .....April 30, 1923
May 2, 1923—LOT 8 BLK 8, Hazelwood. Ivan Hood to whom it may concern.....April 30, 1923
May 2, 1923—LOTS 26 TO 32 BLK 82, Fresno. Fresno Bldg & Invst Co to whom it may concern...April 28, 1923
May 4, 1923—W 50 FT. LOT 2 BLK 2, Hazelwood. John Ramer to whom it may concern.....April 28, 1923
May 4, 1923—LOT 1 BLK 2, Blvd. Gardens, Fresno. A F Wood to whom it may concern...May 3, 1923
May 4, 1923—LOTS 3 AND 4 BLK 1, Washington Heights, Fresno. H F Martin to whom it may concern.... .....May 3, 1923
May 5, 1923—LOTS 37 AND 38 BLK 5, Torrance Terrace, Fresno. C S Goodenough to whom it may concern.....May 2 1923
May 5, 1923—LOT 19 W ½ LOT 18 Blk 1, Torrance Terrace, Fresno. H E Guynn to whom it may concern.....May 2 1923
May 5, 1923—LOTS 28 & 29 BLOCK 3 La Sierra Tract, Fresno. W. C. Swing to whom it may concern .....May 5, 1923

May 5, 1923—LOT 8 BLOCK 6 BLVD. Gardens No. 2, Fresno. A. J. Johnson to whom it may concern.....May 1, 1923
May 5, 1923—HEATING SYSTEM IN depot at Kingsburg, S. P. Co. to whom it may concern...April 16, 1923
May 7, 1923—N Y ST. 1076.38 W from Cen Front St., Fresno. Associated Oil Co to whom it may concern...April 28, 1923
May 8, 1923—LOTS 13 AND 14 E ½ Lot 15 Blk 14, North Park Terrace, Fresno. Arthur Perkins Trustee to whom it may concern.....May 1, 1923
May 9, 1923—LOTS 15, 16 & 17 (Except e 48 ft. of lot 17) Blk 1 Francis Wood, Fresno. M. Brophy to whom it may concern .....May 3, 1923

LIENS FILED

FRESNO COUNTY

Recorded Amount

May 3, 1923—W ½ LOT 4 BLK 14, Hazelwood. J H Whitt vs H B Zeronian and Arakel Rustigian $41
May 7, 1923—LOTS 29 AND 30 BLK 2 Esmeralda Heights, Fresno. Routt Lumber Co vs Mrs. L Johnson..$147
May 7, 1923—LOTS 5 & 6 Pritchard Place, Fresno. Barnes & Montague vs Tom, Ed and John Pritchard..$397
May 8, 1923—LOTS 5 TO 8 High Addition No. 1, Fresno. Bingham-Wenks Planing Mill vs John L and Ella D Scott.....$505
May 8, 1923—LOTS 10 AND 11 BLK 41, Fresno. Victor Cox vs Peter Skupas $410
May 9, 1923—LOTS 15 & 16 BLK D Kingsburg. Valley Lumber Co. vs. T. Furuhashi $773
May 9, 1923—LOT 16 BLK 41, Fresno Calif. Pottery Co., Inc. 634 Fresno Elec. Co. vs. Rosario Gigliotti....$841

RELEASE OF LIENS

FRESNO COUNTY

Recorded Amount

May 5, 1923—E ¼ OF SW ¼ OF NW ¼ of Sec. 33 13-19, Fresno. L. nRosberg vs. A. & G. Shiadopolos; $48.00
May 5, 1923—LOTS 9 & 10 BLOCK 43 K B Hts, Fresno. L. Rosenberg vs. W. O. & Genevieve Smith....$233

BUILDING CONTRACTS

SAN MATEO COUNTY

BUNGALOW
SE COR. EATON AVE & FRANCIS Lane, San Mateo. All work for bungalow and garae
Owner—Albert E. and May L. Cohen.
Architect—Charles E. Rogers, Phelan Bldg., San Francisco.
Contractor—Henry Arnold, 137 Stratford St., Redwood City.
Filed May 5, '23 Dated May 2, '23.

Frame up	$1550
Brown coated	1550
Completed	1550
Usual 35 days	1550
TOTAL COST,	$6200

Bond, none. Limit, 65 working days. Forfeit, $10. Plans and specifications filed.

SCHOOL
LOTS 1 TO 14 Millbrae Villa Tract, Millbrae. All work for plumbing for school building.
Owner—Millbrae School District.
Architect—E. L. Norberg, Balboa Bldg., San Francisco and Burlingame.
Contractor—H. R Park, Burlingame.
Filed May 2, '23. Dated Apr. 27, '23.

Roughed in	$1500
Completed	716
Usual 35 days	740
TOTAL COST,	$2956

Bond, $1978. Sureties, Edward Rudy and C. F. Merkle. Limit 120 working days. Forfeit, none. Plans and specifications filed

BATH HOUSE, ETC.
MENLO COUNTRY CLUB near Redwood City. All work for swimming pool and bath house for country culb
Owner—Menlo County Club.
Architect—Louis P. Hobart, Crocker Bldg., San Francisco.
Contractor — Louis N. Pollard, 55 Brewster St., Redwood City.
Filed May 3, '23. Dated May 1, '239.

Monthly payments of	75%
Usual 35 days	25%
TOTAL COST,	$15,996

Bond, $7998. Surety, Hartford Accident & Indemnity Co. Limit, 50 working days. Forfeit, none. Plans and specifications filed.

DWELLING
REDWOOD CITY. All work for 1-story frame dwelling.
Owner—H. G. Lamb, 137 E. Jefferson St., Redwood City.
Architect—None.
Contractor—John Hall, Redwood City.
Filed Apr 19, 1923. Dated Apr. 14, 1923.

Framed	$1300
Brown coated	1300
Completed and accepted	1300
Usual 35 days	1300
TOTAL COST,	$5200

Bond, $2600; Sureties, F. L. Baird, Wm. Schnlys; Forfeit, none; Limit, Sept. 14, 1923. Plans and specifications filed.

BUNGALOW
LOT 21 BLK 9 EASTON, Burlingame. All work for bungalow.
Owner—Fay D. Bowman, et al, 1325 Ellis St., San Francisco.
Architect—None.
Contractor—J. E. Bale, 615 1st St., San Mateo.
Filed May 8, 1923. Dated May 5, 1923.

Frame up	$800
Brown coated	800
Completed and accepted	800
Usual 35 days	800
TOTAL COST,	$3200

Bonds, Sureties, Forfeit, Limit, none; Plans and specifications filed.

BUNGALOW
LOTS 21 & 22 BLK 11 San Bruno Park, Cal. All work for 1-story bungalow.
Owner—Paul D. Routenberg.
Architect—None.
Contractor—F. J. Grisez, Taylor St., San Bruno.
Filed May 4, 1923. Dated April 1, 1923.

Framed	$771.25
Plastered	771.25
Completed and accepted	771.25
Usual 35 days	771.25
TOTAL COST,	$3085

Bond, Sureties, Forfeit, none; Limit, 75 wk. days; Plans and specifications filed.

RESIDENCE, $3964; Lot 6 Blk 3, 5th Ave., E-Hayward, San Mateo., owner, E. Wright; contractor, Frank Ferrea, San Mateo
BUNGALOW and garage, $5000; Lot 7 Blk 52, Easton 5, Cortez Ave., Burlingame; owner, Alfred Dahl, Burlingame.
BUNGALOW and garage, $5000; Lot 13 Blk 8, Burlingame Sub., Columbus Ave., Burlingame; owner, J. H. Pitschmen, Burlingame.
BUNGALOW and garage, $6000; Lot 29 Blk 46, Easton A, Bernal Ave., Burlingame; owner, Archa Allen, Burlingame; contractor, W. O. Nicolaides, Burlingame.
BUNGALOW and garage, $4500; Lot 30 Blk 40, Easton 3, Cortez Ave., Burlingame; owner, J. Herlihy.
RESIDENCE, one-story frame, $3000; Lot 9 Blk 4, Villa Park, 4th Ave., Burlingame; owner, Olund & Pederson.
BUNGALOW and garage, $7000; Lot 19 Blk 23, Easton 2, Cortz Ave., Burlingame; owner, W. Morganson; contractor, A. McIntire, Burlingame
BUNGALOW and garage, $3500; Ptn. Lota "L" and "M" Blk 6, Grange Road, Burlingame Terrace, Burlingame; owner, Frank McMurtie.
DWELLING, $6000; Laurel Ave. Heyward Park, San Mateo; owner, E. A. Husing, 419 B St., San Mateo; contractor, J. H. Gehlon.
ADDITION, $1000; Chester Ave., San Mateo; owner, J. Houston; contractor, Thos. N. Gesso, 716 5th St., San Mateo.
ERECT 2-story frame apartment, $12,000; Lot 4 Blk 23 Lyon & Hoag sub Arundel Rd., Burlingame; owner, C. G. Adams, 110 Arundel Ave., Burlingame.
BUNGALOW and garage, $4000; Lot 12 Corbett Sub Linden Ave., Burlingame; owner, H. B. Howe, 350 21st Ave., S. F.
RESIDENCE and garage, $5000; Lot 5 Blk. 12, Burlingame Park, Occidental Ave., Burlingame; owner, H. Regan, 136 Occidental Ave., Burlingame; architect, F. Regan, 1515 Willow Ave., Burlingame.
ERECT two-story frame, building, $8200; Lot 5, Burlingame Helghts, Newlands Ave., Burlingame; owner Mrs. Crawford; architect—J. Rutherdale, 305½ San Mateo Ave., San Mateo.
BUNGALOW and garage, $4000; Lot 31 Blk. 7, Burlingame Grove; Capuchino Av., Burlingame; owner, Wm. J. Bowman; architect, Wm. Rutherdale.
BUNGALOW and garage, $4000; Lot 19 Blk, 59, Easton 3 Vancouver Ave., Burlingame; owner, P. J. Monahan
BUNGALOW, $3000; Lot 11 Blk 8, Baywater Ave., Burlingame; owner, Jennie H. Lulanne.
BUNGALOW, and garage, $4000; Lot 24 Blk 58, Easton 7, Easton Dr., Burlingame; owner. Chas. T. Rudolph.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded Accepted

April 30, 1923—LOT 29 BLK 40, Easton No. 3, Burlingame. August Ohlson and Assemte Ohlson to whom it may concern.April 24, 1923
May 1, 1923—LOT 28 BLK 49, Easton No. 4, Burlingame. Henry C Browne to whom it may concern..April 23, 1923
May 1, 1923—LOT 25 BLK 49, Easton No. 4, Burlingame. Henry C Browne to whom it may concern...April 28, 1923
May 1, 1923—LOT 3 BLK "E" Pariso Park Tract near Menlo Park. Louis J Stellman to Moody H Henry...May 1, 1923
May 5, 1923—LOTS 29 AND 30 BLK "F" San Bruno. Ralph W Vroman to M Dresler and A A La Rue....May 2, 1923
May 5, 1923—LOT 23 BLK 24 Easton No. 2, Burlingame. Chris J Helin to whom it may concern.Apr. 6, 1923
May 5, 1923—LOT 15 BLK "E" Hayward Park, San Mateo. Ella S Irving to C Hammer et al.....April 13, 1923
May 2, 1923—LOT 8 BLK 5, Burlingame Terrace, Burlingame. Jennie Nielen et al to whom it may concern.....April 28, 1923
May 2, 1923—LOT 24 BLK 31, Easton No 2, Burlingame. Archibald and Beloa June Breyn to E S Shaver .....April 24, 1923
May 3, 1923—LOT 5 BLK 9, Easton No. 1, Burlingame. Gladys M and R E Christie to L H Stroeman.....May 2, 1923
May 3, 1923—PTN LOT 13 BLK "D" Pariso Park. Helen Commory Leahy to whom it may concern...April 30, 1923
May 4, 1923—NE PLOMA AND CARMelita Ave, San Mateo. J A Turner to M C Ingraham.....April 14, 1923
May 5, 1923—LOTS 15 & 16 BLK 41, Easton No. 3, Burlingame. Estate Aug Berg to H H Zwick.April 30, '23
May 5, 1923—LOT 20 BLK 35, Easton No. 3, Burlingame. Fay & Johnson to whom it may concern.....May 3, 1923
May 5, 1923—LOT 28 BLK 16, Burlingame Grove, Burlingame. R F and Addie E Colyer to L H Stevenson.....May 3, 1923
May 7, 1923—LOT 7 BLK 4, Easton No. 1, Burlingame. John R Lindsay to whom it may concern.....April 10, 1923
May 8, 1923—LOTS 4 AND 5 BLK 21, Easton No. 2, Burlingame. Gerhard Bruns to whom it may concern.....April 28, 1923

BUILDING CONTRACTS

SAN JOAQUIN COUNTY.

$2,500 and Over Reported

SOCIETY building, $19,930; Lot 5 Blk. 220, East Fremont St., Stockton; owner, Fidelity Society, 133 W. Hunter St., Stockton; contractor, Geo. H. Schroeder, 715 E-Fremont St., Stockton; recorded May 3, 1923; 90 working days.

DWELLING, $7091; Lot 8 Blk 51, S of Mormon Channel, Stockton; owner, Angelo Sciaroni, 402 W-Jefferson St., Stockton; contractor, V. Grey, 729 E-Worth St., Stockton; recorded, April 25, 1923; 90 working days.

TWO residences, $3500 each; No. 902 and 908 N-San Jose St., Stockton; owner, Murphy-Heffernan, 35 E-North St., Stockton.

RAISE house, $5000; No. 539 N-American St., Stockton; owner, E. Campodonico, Premises.

APARTMENTS, $14,000; No. 302 East Poplar St., Stockton; owner, F. L. Balkwill, 119 Bedford Rd, Stockton.

RESIDENCE, $6500; No. 1019 North Sierra Nevada St., Stockton; owner, M. Acata, Stockton.

RESIDENCE, $4500; No. 1212 W-Acacia St., Stockton; owner, Dave Vio.

RESIDENCE, $7100; No. 18 E-Anderson St., Stockton; owner, A. A. Sioroni.

RESIDENCE, $4250; No. 1050 W-North St., Stockton; owner, James Higgins, 528 N-San Joaquin St., Stockton.

SERVICE station, $6000; No. 1202 E-Weber St., Stockton; owner, W. M. Edwards, 129 E-Miner St., Stockton

BUILDING, $16,579; Parts Lots 7 and 8 Blk "B", Bours Tract, Stockton; owner, J. W. Marnes, Farmers & Merchants Bank Bldg., Stockton; contractor, H. H. Henning; recorded May 1, 1923; limit, 100 working days.

BUILDING, $15,135; Lot 11 Blk 90 Cor. American and Fremont Sts., Stockton; owner, Anne E. De Young; contractor, Ed. H. Riley, 1145 N-California St., Stockton; recorded May 2, 1923; limit, 90 working days

RESIDENCE, $4500; Elizabeth Ave., Stockton; owner, Walter Hollenbach, Stockton.

DWELLING, one-story 5-room and garage, $2500; No. 405 23rd St., Stockton; owner, C. E. Wright.

DWELLING, one-story 5-room and garage, $2950; No. 2305 E St., Stockton; owner, C. E. Wright.

RESIDENCE, $2900; No. 2390 Fair Oaks St., Stockton; owner, A. K. Constantine, 2438 E-Lafayette St., Stockton.

RESIDENCE, $15,000; No. 1536 North Hunter St., Stockton; owner, Dr. J. W. Barnes, Farmers & Merchants Bank Bldg., Stockton.

UNDERTAKING parlors, $15,135; No. 445 N-American St., Stockton; owner, Mrs. Anna De Young, 407 E-Lindsay St., Stockton; architect, Franklyn E. Warner, Belding Bldg. Stockton.

RESIDENCE, $3000; No. 610 N-San Jose St., Stockton; owner, J. R. Williams, 720 W-Acacia St., Stockton.

RESIDENCE, $4500; No. 1609 E-Miner St., Stockton; owner, A. Johnson, 1147 W-Rose St., Stockton.

RESIDENCE, $7000; No. 1002 W-Vine St., Stockton; owner, Mrs. Bertha Bishop, 222 N-Grant St., Stockton.

RESIDENCE, $4000; 1219 West Flora, Stockton; owner, J. B. Inerry.

STEEL SHED, $555; Stockton Channel owner, City of Stockton, City Hall, Stockton.

LIENS FILED

SAN JOAQUIN COUNTY

Recorded Amount

May 1, 1923—LOT 3 BLK 7, Lomita Park, Stockton. Union Planing Mill vs Frederick Gotelli $997.05

May 1, 1923—LOT 21 BLK 12, Tuxedo Park, Stockton. Union Planing Mill vs G P Maddock.....$535.80

May 1, 1923—LOTS 10 AND 12 BLK 18, Wly Extn. Belvedere Addition. Stockton. Stockton Lumber Co vs F J Seale and M Kasprovitch..$135.76

May 4, 1923—LOT 9 BLK "D" Bours Tract, Stockton. Sunset Lumber Co, Inc vs Sam Cassel, Mrs S Cassel and Security Building Loan Association $407.85

BUILDING CONTRACTS

SACRAMENTO COUNTY

$2,500 and Over Reported

BUILDING, one-story brick and tile, $12,944.40; Auburn Blvd., North Sacramento; owner, California Almond Packers, 1809 C St., Sacramento; contractor, Fred H. Zetz, Sacramento; recorded April 26, 1923 dated April 24, 1923.

DWELLING, one-story 5-room and garage, $4200; No. 1709 39th St., Sacramento; owner, W. E. Hammond, 2822 J St., Sacramento; contractor, Carl Koch, 3418 L St., Sacramento.

BUILDING, two-story frame, $9000; owner, Mrs. B. Hodson, 611 13th St., Sacramento; contractor, W. H. Saunders, 2614 I St., Sacramento.

DWELLING, 1-story 6-room, and garage, $3000; 3961 E St., Sacramento; owner, R. L. Coborn, 3961 E St., Sacto.; contractor, E. J. Rosson, 5325 L St., Sacramento.

DWELLING, 1-story 5-room, and garage, $3500; owner, Fred Sandow, 724 P St., Sacto.; contractor, T. B. Hunt, 2926 S St., Sacramento.

DWELLING, 5-room and garage, $4500; 649 38th St., Sacramento; owner, E Bodin, 639 38th St., Sacto.; contractor, T. B. Hunt, 2926 S St., Sacto.

DWELLING, 1-story 5-room and garage, $3000; 1216 34th St., Sacramento; owner, C. Rodin, 1231 33rd St., Sacramento.

DWELLING, 1-story 5-room, and garage, $3900; 585 36th St., Sacramento owner, A. E. Bye, 3008 2nd Ave., Sacto.; contractor, J. Edenhofer, 3300 2nd St., Sacramento.

REPAIRS and alterations, $2900; No. 501 K St., Sacramento; owner, Wisseman Estate Co., 817 O St., Sacramento; contractor, Siller Bros. 1616 13th St., Sacramento.

DWELLING, one-story 5-room and garaage, $2900; No. 2610 D St., Sacramento; owner, N. B. Drew, 811 P St., Sacramento; contractor, C. Valine.

DWELLING, one-story 5-room and garage, $2500; No. 2409 15th St., Sacramento; owner, Mrs. Paul; contractor, C. Valine.

FLAT building, two-story (4 4-room flats), $12,500; Lot 250 Blvd. Park, Sacramento; owner, Annie C. Sullivan; contractor, R. M. Smith, 2633 30th St., Sacramento; recorded May 1, 1923.

DWELLING, one-story 5-room and garage, $3500; No. 3940 Sherman Way, Sacramento; owner, W. Wilson, 3932 Sherman Way, Sacramento; contractor, Y. Burgeson, 3956 Sherman Way, Sacramento.

DWELLING, one-story 6-room and garage, $4600; No. 920 36th St., Sacramento; owner, Chas. Tonzi, 718 11th St., Sacramento.

DWELLING, one-story 5-room and garage, $2500; No. 1617 48th St., Sacramento; owner, A. Smoll, 1825 45th St., Sacramento.

ALTERATIONS and additions, $3000; No. 1108 22nd St., Sacramento; owner, M. Martin, Premises; contractor, F. Maloney, 1801 U St., Sacramento.

DWELLING, one-story 4-room and garage, $2800; No. 326 21st St., Sacramento; owner, N. Dunlap, 1101 G St., Sacramento; contractor, Gilkie & Land, 4208 Sonoma Ave., Sacramento.

DWELLING, one-story 6-room brick and garage, $7000; No. 2120 Stockton Blvd., Sacramento; owner, F. W. Wacker, 2831 Stockton Blvd., Sacramento; contractor, C. J. Hopkinson, 1318 25th St., Sacramento.

PIERCE-BOSQUIT
Abstract & Title Co.
Capital Stock $100,000
Sacramento, Placerville, Nevada City, Reno
SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

DWELLING, one-story 5-room and garage, $3500; No. 2430 26th St., Sacramento; owner, H. M. Earle, 1036 Dolores Way, Sacramento.

DWELLING, one-story 6-room, $4000; No. 1038 33rd St., Sacramento; owner, G. F. Norsworthy, 2114 K St., Sacramento; contractor, J. P. Howell, 1837 47th St., Sacramento.

ALTER store building, $14,324; W ½ Lot 4 and rear ½ of E ½ Lot 3, M, N, 3rd and 4th Sts., Sacramento; owner, W. Hara and H. Fukui, Sacramento; contractor, Fred H. Betz, Ochsner Bldg., Sacramento; recorded May 2, 1923.

DWELLING, 1-story 5-room, and garage, $3500; 4012 Sherman Way, Sacramento; owner, W. B. Philips, 1406 4th St., Sacramento.

DWELLING, one-story 5-room and garage, $4650; No. 941 41st St., Sacramento; owner, F. P. Williams, 4440 San Benito Way, Sacramento.

DWELLING, one-story 5-room and garage, $3250; No. 2109 25th St., Sacramento; owner, Green & Harrigan 708 J St., Sacramento; contractor, H. G. Birdsall, 1503 13th St., Sacramento.

FLATS, two-story (4 4-room and 4 5 room), $28,000; No. 948 Mission Way, Sacramento; owner, Florence Delahunty, 2020 N St., Sacramento; contractor, W. R. Saunders, 264 I St., Sacramento.

DWELLING, one-story 5-room and garage, $2850; No. 333 32nd St., Sacramento; owner, F. P. Williams, 4440 San Benito Way, Sacramento.

BUILDING, $79,864; Lots 1 & 2 & W ½ Lot 3 Q R 3 4, Sacramento; owner, Lindley & Co., 220 K St., Sacto.; architect, Dean & Dean, City Library Bldg., Sacto.; contractor, Walter W. Campbell, 3325 W Campbell Campbell Constr. Co., Sacto. Recd May 4, 1923.

BUILDING, 2-story frame (4 flats 4 rooms), $12,500; 721 22nd St., Sacramento; owner, A. Sullivan, 747 22nd St., Sacramento; contractor, R. M. Smith, 2633 30th St., Sacramento.

DWELLING, 1-story 5-room $3500; 2701 D St., Sacramento; owner, W. L. Grant; contractor, Furtado & Valine, 2423 18th St., Sacramento.

DWELLING, 1-story 5-room, and garage, $3000; 2172 Gerber Ave., Sacramento; owner, H. E. Paul, 3973 4th Ave., Sacto; contractor, Paul & Milspaugh, 3973 4th Ave., Sacto.

DWELLING, 1-story 4-room, and garage; owner, C. E. Cutting, 513 Q St., Sacramento; contractor, Martin & Moore, 3452 3rd Ave., Sacramento

DWELLINGS, 2, 1-story 5-room, $2000 each; 300 & 308 25th St., Sacramento; owner, C. E. Wright, 817 J St., Sacramento.

DWELLING, 2-story 6-room, and garage, $3500; 3233 E St., Sacramento; owner, B. Leino, 3014 E St., Sacramento.

DWELLING, 1-story 5-room, and garage, $4600; 597 39th St., Sacramento; owner, C. E. Kelso, 1801 45th St., Sacto.; contractor, L. F. Gould, 1623 O St., Sacto.

DWELLING, 1-story 4-room, and garage, $2750; 1616 Santa Ynez Way, Sacramento; owner, John Gregor, 1313 8th Sacramento; contractor, P. R. Opdyke, 1009 7th Ave., Sacto.

DWELLING, 5-room, and garage, $3000 2749 30th St., Sacramento; owner, J. P. Barne, 2027 Portola Way, Sacramento.

FLATS, 2-story frame bldg. (2 5-room flats), $8225; 2925 P St., Sacramento; owner, Thos. Dixon, 1530 30th St., Sacramento; contractor, J. A. Saunders; 2810 I St., Sacto.

GENERAL REPAIR, $3500; 1631 20th St., Sacramento; owner, I. Christie, 29th & G Sts., Sacto.; contractor, R. M. Smith, 2633 30th St., Sacto.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Accepted

May 1, 1923—LOT 19 BLK 3, North Sacramento Sub 10, Sacramento. Leolin T and Elaine K Sinnott to whom it may concern...Apr. 30, 1923

April 4, 1923—N ½ LOTS 7 & 8 ADD C East Sacramento. Le Roy —. & Delma B. Miller to whom it may concern .....April 15, 1923

BUILDING CONTRACTS

SANTA CLARA COUNTY

SERVICE station, $11,020; NE 12th and Santa Clara Sts., San Jose; owner, Foster-Stuart Inc.; architect, Wolfe & Higgins, Auzerais Bldg., San Jose; contractor, R. O. Summers, 17 N-1st St., San Jose.

ADDITION, $5100; Irene St., near Emory St., San Jose; owner, S. Albanese, 780 Irene St., San Jose.

COTTAGE, four-room, $1000; Orchard St., near Willow, San Jose; owner, Aug. Randazzo, San Jose.

ALTERATIONS, $1500; No. 46 S-First St., San Jose; owner, Security State Bank, Premises; contractor, R. O. Summers, 17 N-First St., San Jose.

COTTAGE, 6-room, $6000; Balbach St. near Vine St., San Jose; owner, Jerome Garcia, 1052 S-1st St., San Jose.

ALTERATIONS, $6800; First and Willow Sts., San Jose; owner, H. M. Fennimore, San Jose; architect, Herman Krause, Bank of San Jose Bldg., San Jose; contractor, H. A. Bridges, Pine and Lincoln Sts., San Jose.

COTTAGE, 5-room, $5000; Balbach St. near Vine St., San Jose; owner, Val. Bataglia, San Jose; contractor, Jerome Garcia, 1052 S-1st St., San Jose.

COTTAGE, 5-room, $6500; N-Thirteenth St. near St. James St., San Jose; owner, Joe Russo, 35 Clayton St., San Jose; contractor, W. H. Norman, 272 S-1st St., San Jose.

ALTER front, $1000; No. 262 S-First St., San Jose; owner, G. A. Nylin, 563 S-9th St., San Jose; contractor, J. A. Nordeen, Olive & Topeka St., San Jose.

COTTAGE, 3-room, $1500; Virginia St. near Ninth, San Jose; owner, E. McQuoid, 198 Tillman St., San Jose.

RESIDENCE, 2 family, $4500; 15th St. near Reed, San Jose; owner, Mrs. V. Bishop, 32 S-16th St., San Jose; contractor, Frank Neves, San Jose.

COTTAGE, 4-room, $3200; 21st and San Fernando Sts., San Jose; owner, Howard Simpkins, 61 W-Virginia St., San Jose; contractor, V. H. Coates, 214 S-19th St., San Jose.

COTTAGE, 5-room, $3500; Mastic and Willow Sts., San Jose; owner, A. L. Crosby, San Jose.

COTTAGE, 5-room, $4080; 20th and San Fernando Sts., San Jose; owner, S. J. Blakely, 19th and Santa Clara Sts., San Jose; contractor, G. H. Vore.

ALTER front, $16,000; No. 74 S-First St., San Jose; lessee, Herold Shoe Co., Premises; architect, Herman Krause, Bank of San Jose Bldg., San Jose; contractor, Megna & Newell, 866 N-17th St., San Jose.

APARTMENT house, 2-story (6 apts.), $14,000; Sixth St. near Reed, San Jose; owner, Geo. E. Baggott, 799 Spring St., San Jose.

COTTAGE, 5-room, $6000; 15th St. near William St., San Jose; owner, G. Glans, 680 S-9th St., San Jose; architect Wolfe & Higgins, Auzerais Bldg., San Jose; contractor, Benj. Oulmet, 226 Yosemite St., San Jose.

COTTAGE, 4-room, $2000; Martha St. near Third St., San Jose; owner, A. M. Whiteside, 71 S-19th St., San Jose.

COTTAGE, 6-room, $5000; William St. near Seventh St., San Jose; owner, A. M. Whiteside, 71 S-19th St., San Jose.

BUNGALOW
ON FULTON ST. bet. Addison Ave. and Lincoln Ave, Palo Alto. All work for four-room bungalow.
Owner—Miss Edith Ducker, Palo Alto.
Architect—None.
Contractor—W. S. Couter & Co., Palo Alto.
Filed May 1, '23. Dated Apr. 27, '23.
Frame up and roof on.....$911
Ready for plastering..... 911
Completed 911
Usual 35 days..... 911
TOTAL COST, $3644
Bond, $1000. Surety, A. G. Couter. Limit, 95 working days fram May 1, 1923. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Accepted
April 30, 1923—PTN LOTS 53, 54, 55 and 56 Blk 88, University Park, San Jose. William Hinemann by Geatone Spinella to whom it may concern.....April 30, 1923
May 1, 1923—LOT 19 BLK 5, Lendrum Tract No. 2, San Jose. W B Reese to whom it may concern. Apr. 30, 1923
May 1, 1923—LOT 18 BLK 5, Lendrum Sub No. 2, San Jose. W B Reese to whom it may concern. .Apr. 30, '23
May 1, 1923—SE MONTEREY AND Martin Sts., Gilroy. Mercantile Trust Co. of Calif to Wm Radtke.. .....April 26, 1923
May 1, 1923—LOT 14 Costello Acreage M C and Emily A Gass to whom it may concern.....April 28, 1923
May 1, 1923—N SHASTA AVE 50 E Tillman Ave., San Jose. J S Secly Jr. to Hastings Bros. ..Apr. 28, 1923
May 2, 1923—LOT 7 BLK 2, Keiser Tract, San Jose. Louis Dino Cordoni to whom it may concern.... .....May 2, 1923
May 2, 1923—PTN LOT 1 BLK 1, S R 2 E, City of Gilroy. Humbert Greco to whom it may concern... .....April 20, 1923

LIENS FILED

SANTA CLARA COUNTY

Recorded Amount
May 2, 1923—S 60 FT. LOT 6 BLK 1, Maypark Half Acres, San Jose. John S Soderstrom vs D H Allen... .....$215.25
May 3, 1923—N SAN FERNANDO 110 W Locust St., San Jose. F Kosanke vs Edward Armour.....$61.40
May 8, 1923—LOT 26 BLK 3, Alameda Park. Wm Loos vs Rose A Spielberg $155
May 5, 1923—LOT 29, Hyde Residence Tract, San Jose. F C Grupe vs Fred S and Stella S Clark.....$113
May 5, 1923—LOT 2 BLK 4 Range 2 South, Houghton Survey, San Jose. Carl Lindholm vs C H Clark ..$75.18
May 8, 1923—6.445 ACRES ON SW Latimer Ave and Santa Clara-Los Gatos Road. S H Chase Lumber Co vs T F and Maude Sourisseau $948

RELEASE OF LIENS

SANTA CLARA COUNTY

Recorded Amount
May 4, 1923—LOTS 23 AND 24 BLK 16, Hanchett Residence Park, San Jose. C F Keesling to Stanley Hillier $3427.50
May 5, 1923—LOTS 2 AND 19 and Ptn Lts 3 and 18 Blk 100, Palo Alto. Edward P and John J Cashel to Anson S and Gladys Gardner Peterson.....$738.25
May 5, 1923—LOTS 2 AND 19 and Ptn Lots 2 and 18 Blk 100, Palo Alto. Homer J Langdon to Gladys Gardner Peterson $1751.50
May 7, 1923—6 ACRES OF 10 ACRE Tract of Geo. E. Weber in the Narvaez Rancho. Sunset Lumber Co to Emma V. Martin.....$182.09
May 8, 1923—LOT 15 BLK 4, Alameda Park. A S Du Cavic et al, Trustees of Building Trades Council of San Jose to Joseph Francis.....$198.57

BUILDING CONTRACTS

CONTRA COSTA COUNTY

PERMITS

DWELLING, one-story frame, $2000; E Twenty-first St., bet. Macdonald and Bissell Sts., Richmond; owner, E. Favero, 338 21st St., Richmond; contractor, S. B. Roberson, 338 20th St., Richmond.

DWELLING, one-story frame, $3000; N Bissell St. bet. 10th and 11th Sts., Richmond; owner, H. M. Stearns, 2030 Roosevelt Ave., Richmond.

DWELLING, one-story frame, $3000; W Wilson bet. Clinton and Solano, Richmond; owner, C. Morken, 411 Penn St., Richmond; contractor, K. J. Henning, Box 1671, Richmond.

DWELLING, one-story frame, $3000; S Tara bet. Humboldt and Amador Sts., Richmond; owner, East Richmond Heights Land Co., 23rd and Macdonald Sts., Richmond; contractor, K. J. Henning, Box 1671, Richmond.

DWELLING, one-story frame, $3500; W Key St. Cor. Roosevelt, Richmond; owner, East Richmond Hieghts Land Co., 23rd and Macdonald Sts., Richmond; contractor, K. J. Henning, Box 1671, Richmond

DWELLING, one-story frame, $3500; E Key St., bet. Barrett and Roosevelt Sts., Richmond; owner, East Richmond Heights Land Co., 23rd and Macdonald Sts., Richmond, contractor, K. J. Henning, Box 1671, Richmond.

DWELLING, one-story frame, $4000; SE Twelfth and Barrett Sts., Richmond; owner, R. S. Crose, 557 10th St., Richmond; contractor, Carl Overaa, 2105 Roosevelt St., Richmond.

Larsen Construction Reports
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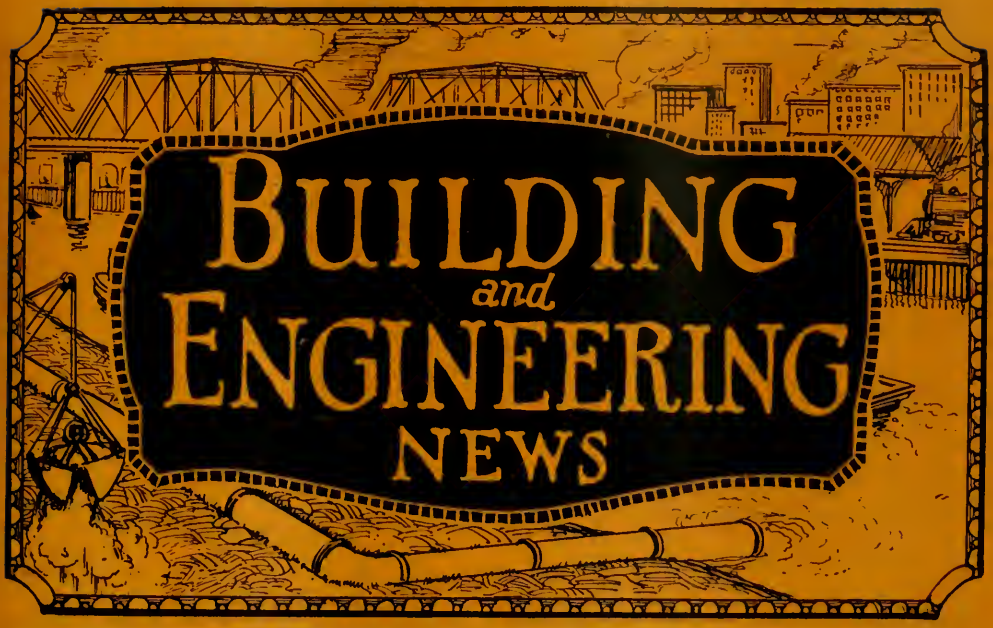
DEDICATION EDITION

Contra Costa County Builders' Exchange



Publication Office
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SAN FRANCISCO, CALIF., MAY 19, 1923

Twenty-third Year No. 20
Published Every Saturday

Schumacher

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Economy

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San Francisco Oakland

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When materials have passed through mixing process once, and come to discharging side of the drum, the reversed discharge chute sprays them back to the charging side for repeated trips through the 5-action, remixing process. This spraying-showering action, at the same time prevents separation of aggregate according to size. To the last shovelful of every batch, Koehring-mixed concrete is uniform, re-mixed concrete—***dominant strength concrete***—and to every last casting and bearing, the Koehring is the heavy duty mixer of trouble-proof, long service life.

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Construction Mixers: 10, 14, 21, 28 cu. ft. mixed concrete. Write for Catalog C 000.

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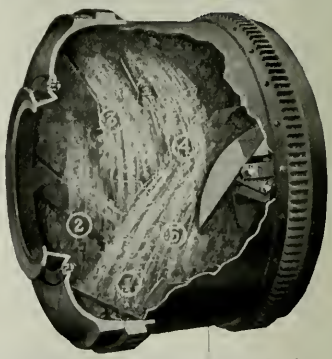
Dandie: Light mixer, 4 and 7 cu. ft. mixed concrete; power charging skip, or low charging platform. Light duty hoist. Write for Catalog D 000.



(1) Blade cuts through materials with churning action. (2) Blade carries materials up, spilling down again against motion of drum. (3) Materials hurled across diameter of drum. (4) Materials elevated to drum top and cascaded down to reversed discharge chute which (5), with scattering, spraying action, showers materials back to charging side for repeated trips through mixing process.

KOEHRING COMPANY
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"SOMETHING NEW"---Dandie Mixers In Stock With Rubber Tired Wheels.

HARRON RICKARD & McCONE

San Francisco Los Angeles

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

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MINING CONGRESS DELEGATES TO VISIT SACRAMENTO

Delegates to the Summer session of the Western Division of the American Mining Congress, representing thirteen western mining states, to open June 11th at San Francisco, will spend two days of the convention in Sacramento and adjacent mining districts.

As planned, the delegates will leave San Francisco on a river steamer the night of June 12th, and will arrive in Sacramento the following morning. They will be taken on an automobile tour of the city and surrounding country, including the gold dredgers operating at Natoma.

After luncheon a business session will be held, at which J. F. Callbreath, secretary of the American Mill Congress, will be the principal speaker. In the evening there will be a dinner in honor of the distinguished visitors.

Thursday will be devoted to trips to the Mother Lode mines, half of the delegates probably being taken north through Nevada and Sierra counties, and the others south through Amador, Calaveras and Tuolumne counties.

James C. Tyrrell, secretary of the Grass Valley Chamber of Commerce, extended an invitation to the committee to visit Grass Valley on Saturday, May 26th, which was accepted.

ABOUT OURSELVES

Commencing with this issue Building and Engineering News starts for the goal of Superiority, neatly dressed in a two-colored cover and brim full of live news for the Architect, the Engineer, the Contractor and the Materialman.

Under new management, with additions to the reportorial forces, increased plant facilities, these coupled with additional capital, Building and Engineering News will travel the road to superiority on a paved highway.

The Pacific Coast is growing and shall continue to grow.

The construction industry on the Pacific Coast is growing and shall continue to grow.

Hence, to keep apace in the "March of Progress," arrangements are being completed by Building and Engineering News to develop a publication to meet the demand for a first class periodical covering the construction industry in all its branches.

During the past twenty-three years Building and Engineering News has followed the Architect, the Engineer, the Contractor and the Materialman operating in the states of California, Oregon, Washington and Nevada and is today recognized as an authority on matters of information affecting the construction interests on the Pacific Coast. The growth of its unsolicited circulation at distant points establishes this fact.

In an effort to build up a publication worthy of the recognition of the building interests, arrangements are being completed whereby a more complete review of Pacific Coast activities will be published each week. Additional correspondents have been provided at central points who will be constantly on the job to furnish up-to-the-minute data on all matters affecting the construction industry. These reports will be compiled on arrival for publication in the issue following their receipt. Reports will be accurate, timely and plentiful.

To maintain the standard it is requested that Architects and Engineers co-operate and advise us when they are preparing plans for a project or when bids are desired or a contract awarded. Reporting of such information may not only be the means of saving many thousands of dollars on a project but is a silent system of advertising for those in charge of construction. With such co-operation Building and Engineering News can issue a publication not only meeting the demand on the Pacific Coast but at all points in the United States.

Let's pull together. Thank You.

THE PUBLISHERS.

NOTICE TO SUBSCRIBERS

Commencing with the June 2nd issue the subscription price of The Building and Engineering News will be advanced to $5.00 a year. Renewals and new subscriptions will be accepted at the $4.00 a year rate provided payment is made prior to June 2nd.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

With the object of refuting arguments of certain residents of Southern California that the southern part of the state has been unfairly treated in the expenditures of funds of the third highway bond issue of $40,000,000, the state highway commission will issue a statement showing how the money has been divided between forty-five northern counties and thirteen counties in the south. When the bond issue was voted the understanding was that of the $20,000,000 allowed for roads budgeted for the first time in the third bond issue 64 per cent would be expended in the forty-five northern counties and 36 per cent in the thirteen sounthern counties.

The Los Angeles Lumber Products Company has taken over the plant of the Kroyer Motor Company at Stockton, including the 31.52-acre site. The plant was formerly used by the Kroyer Company in the manufacture of caterpillar tractors. Immediately following the completion of the plant it was found that Los Angeles offered better conditions with the result that the company moved south abandoning the Stockton plant. It is not known what the new owners intend to do with the proporty.

A general strike of 10,000 union painters, effective Monday, May 21, has been authorized by the Brotherhood of Painters, Decorators and Paper Hangers of America, district council of New York, following a strike vote cast by the members. The union demands include a five-day week, restoration of collective bargaining and a wage increase from $9 to $10 a day.

Joseph T. Raycraft, for three years building inspector of Long Beach, and at one time president of the Long Beach Construction Co., died at his home in Long Beach, May 2, after an illness of several months. Prior to coming to Long Beach ten years ago from Oshkosh, Wis., Mr. Raycraft was engaged in the building business in Wisconsin. He was 61 years of age.

Workers injured in the logging and sawmill industry in California during the last three years have been paid a total of $1,106,025 in compensation, according to the quarterly report of Will J. French, chairman of the Industrial Accident Commission, filed with Governor Richardson. French reported 383 permanent injuries in the lumber industry and 9416 temporary injuries. The report also showed that approximately 40,000 men are employed in California's logging camps and sawmills.

Manteca voters reject proposal to issue bonds of $75,000 to finance purchase and improvement of privately owned water works to operate as a municipal project. The proposition to issue bonds of $11,000 to finance construction of a sewage disposal plant carried, the vote being 192 for and 27 against.

The Long-Bell Lumber Co., with headquarters at Kelso, Wash., plans construction of a waterworks project at Longview, Wash., costing $663,000. A pipe line, approximately eight miles long, is included in the project in addition to a hydraulic fill dam, 90 feet high, 500 feet long on top and 35 feet long at the bottom.

Attorney General M. A. Diskin has secured a settlement in the case of the Lincoln Construction Company against the Nevada State Highway Commission and upon the payment of $8,000 to the company a claim of $24,000 will be dropped. A contract held by the company for road construction in White Pine county was taken over by the department on May 5, 1919, and when the company's claim for $24,000 was rejected by the board of examiners suit was brought against the state.

The Assembly has voted unanimously for Bill No. 60 appropriating $225,000 to finance construction of the Douglas Memorial bridge in the Humboldt county section. The structure is named in honor of the author of the bill, Dr. G. H. Douglas of Del Norte County, who died during the second half of the legislative session.

The Santa Ana Improvement Co. has been incorporated for the purpose of building and selling houses, with headquarters at 310 Hill Bldg., Santa Ana. The officers of the company are: M. J. P. Heil, president; F. L. Beatch, vice-president and manager, and W. Floyd Croddy, secretary-treasurer.

A wage increase of 40 cents a day for employes of the Brooks-Scanlon Lumber Co., and the Shevlin-Hixon Lumber Co. at Bend, Ore., is announced. The increase is effective May 16, and will mean an expenditure of approximately $25,000 a month, bringing the monthly payroll of the two companies to $300,000.

The Alaska Bureau of the Seattle Chamber of Commerce is informed the Kennecott Copper Corporation will make extensive improvements in the Kantishna district of Alaska. Developments will include the construction of sixty-five miles of railroad.

Venice, Calif., will have a city manager if the present plans of the city trustees and the citizens advisory committee are put into effect. The city attorney has been instructed to prepare an ordinance to create the position of city manager.

With approximately one-half million dollars' worth of building permits already issued this month, city officials of Seattle estimate that the figures for May will reach the four million dollar mark. Home building is a feature of the activities.

A painters strike was averted in Boston when 1,800 painters voted to accept Mayor Curley's compromise plan and return to work at $1.05 an hour until July 1, at which time the rate will be advanced to $1.10. This last rate will be in effect until April 1, 1925.

Dehydration Inc. of California has opened temporary offices in the Balboa Bldg., San Francisco, for the purposes of managing sales of the Andrea Waterout Home Dehydrater. T. C Ringgold is president; Sidney B. Hickox, vice-president, and Frank H. Brown, treasurer.

For the first 15 days of May, San Jose building permits totaled $236,635. These figures break all previous records for a 15 day period.

The first carload of brick purchased by the Bricklayers' Union from the San Luis Obispo Brick Company at San Luis Obispo will leave the plant within the next few days for shipment to San Jose. Reports are to the effect that J. W. Collins, third vice-president of the Bricklayers' Union, has contracted for a unit delivery of 300,000 brick to keep union mechanics constantly employed in the Santa Clara county section, who are working independently, it is said, of the contractors employing non-union forces. The plan is being carried out by the union forces, it is said, as a weapon against the open-shop fight in Northern California.

Demands of the New York Building Trades Council, claiming ninety thousand members, for a blanket pay increase of $1 a day and a collective agreement for the year, have been refused by the executive committee of the Building Trades Employers' Association. The refusal will result in a general strike, effective June 1, union officials declare.

Carpenters in the employ of the San Francisco Department of Public Works have filed a request for an increase in their wage scale from $8.35 a day to $9, which, they claim, is being paid by private contractors.

Ninety million feet of timber owned by the Federal Government in Coos, Douglas, Jackson, Josephine and Lane Counties, Oregon State, has been sold for approximately $200,000, according to word from Roseburg, Ore.

The Industrial Drive and Equipment Co., power transmission engineers, formerly located at 63 Second street has moved to new quarters at 119 Jessie street, San Francisco.

The plant of the Columbia Terra Cotta Company at Vancouver, Wash., will be turning out products within 30 days, according to announcement of M. L. Bryan, president of the company.

Voters of Placer County will vote June 19 on the question of issuing bonds of $175,000 for a new county hospital and $100,000 for a county jail and hall of records building.

K. T. Romie of Salinas has leased property in Watsonville and will erect a plant for the manufacture of hollow concrete bricks Romie now operates such a plant at Salinas.

The City of San Bruno, San Mateo County, will vote June 16 on the proposeion to issue bonds of $220,000 to finance extensions to the municipal water system.

Building operations in Berkeley for the month of May will exceed $100,000 if the activities for the past two weeks continue.

San Francisco has been selected as the 1924 convention city for the American Association of Engineers.

City of Tacoma, Wash., has voted bonds of $2,400,000 to finance erection of new schools.

ALONG THE LINE

The Clay Products Association announces that Chas. A. Newhall, consulting chemist of Seattle, Wash., has been retained as Northwest investigator for the clay products industry. Newhall is a graduate of the University of California and has been practicing his profession in the Northwest since 1907.

W. G. Knox, city engineer of Santa Ana, has been appointed street superintendent in addition to his duties as engineer. Wm. E. Maxon has been appointed foreman of the street department by Mr. Knox.

L. L. Mills, for the past four years city engineer of Santa Rosa, has resigned, effective June 1, to enter private business in the civil engineering field. Mr. Mills will establish an office in Santa Rosa.

John R. Freeman of Providence, R. I., has been appointed consulting engineer for the City of San Diego, to investigate and advise the city council on the development of additional water supply in the San Diego river basin.

B. J. Pardee, an engineer, formerly with the California State Highway Commission and the Associated Pipe Line Company, has been appointed city manager of Visalia, Calif., effective June 1. His salary will be $5,000 a year.

Paul Maull, formerly manager of the Hamond Lumber Company at San Bernardino, is now in charge at Long Beach. E. D. Franz from Van Nuys, succeeds Maull at San Bernardino.

Jos. Scheerer, pioneer street paving contractor, died in San Francisco, May 5, following an illness of more than a year. He was a native of Germany and 76 years of age.

Thomas Martin, contractor of Bakersfield, died in San Francisco, May 14. Martin was 38 years old and a native of Marysville. Death was due to an ulcerated tooth.

The Pacific Gas & Electric Company will construct a new water distributing system in the town of Loomis, Placer County.

Plant of the U. S. Steel Company at Everett, Wash., has started operations with a force of 25 workers. C. J. Whitney is president of the company.

W. H. Cameron has been appointed superintendent of the San Diego City Purchasing Department, succeeding W. P. Bates.

The Oroville Lumber Co., and Shasta Lumber Co. will establish branch yards at Marysville.

Fred A. Rhodes has been reappointed city manager and city engineer of San Diego.

See Buyers' Strike in The Building Line

Prospects of a buyers' strike in building material and equipment markets loom large if price peaks are to decide such a policy, says the current Dow Service "Daily Building Reports," New York.

Certain symptoms that ultimately brought about the sharp economic reaction in the building construction industry in 1920-21 have already appeared in the 1923 market. To cite an incident:

Hollow terra cotta tile fireproofing material is manufactured by piece work. Before the war it was the practice to make these blocks in certain weights. The necessity for rigid economics, entailing saving in coal, labor, etc., developed in war time so that these blocks were made lighter. Such has been the practice until recently when workmen at the mills insisted upon the additional weights being resumed so that they might derive wage benefits from the heavier blocks. Hence certain further advances in partition tile are reported.

In almost every other department of the building material industry similar conditions affecting prices are recorded. As far as construction costs are concerned the rising level of wages being paid to both skilled and unskilled artisans is already known to the public. This process has been in progress of gradual development ever since it became apparent that a building construction boom was scheduled for this year, and possibly beyond. Efforts on the part of building material manufacturers and organized employers to check this tendency to add to construction costs have proved impotent.

A table shows how far beyond the 1919 price levels 1923 prices of basic building materials have gone. It also shows the approximate price peak that marked the limit of burden the 1920-21 builder could bear.

FOREST SERVICE TO BUILD TWO HIGHWAYS IN NEVADA

Additional expenditures totaling $58,657 to apply on the construction of 2 road projects in Nevada have just been approved by Secretary of Agriculture Wallace. This money is to be taken from the national forest highway funds which were made available for roads serving the national forests and for roads within or adjacent to the national forests which are of primary importance to States, counties, and communities.

Of the $58,657 just approved for expenditure, $37,000 is to apply on the Austin East Highway project and the balance, $21,657 on the Currant Creek project. Including these expenditures the amounts approved for these two roads total $251,000 of which $152,000 is for the Austin East road and $99,000 for the Currant Creek project. Not all of the sums approved, however, are from the national forest highway fund, some of the money having been set aside from other Federal road funds.

The Austin East project is to be 16½ miles in length, beginning at the east end of the Austin-Eureka road in Lander County. The road touches the Toiyabe National Forest and is a section in one of the main east and west highways through the State.

The Currant Creek project will cross the line between White Pine and Nye Counties and is partly within the Nevada National Forest. As now planned this road when completed will join on the west with a section of highway being built by the Nevada Highway Commission. The highway in question is a part of the National Trail and is important as a connecting road between different parts of the Nevada National Forest.

AMERICAN CABLE COMPANY BEGINS OPERATIONS

The American Cable Co., which was incorporated in Delaware with a capital of $3,000,000 of preferred stock and 150,000 shares of no par common stock, for the purpose of taking over several plants manufacturing wire rope and wire, has started active operations. The company's plants, which have been taken over, include at Newark, N. J., wire rope mill owned by the Upson-Walton Co., of New York; the George C. Moon wire rope mill at Garwood, N. J.; wire mills at Dunnellen, N. J., and the plants of the Pittsburgh Wire Rope Co. at Verona, Pa.

SLATE SALES INCREASED IN 1922 SURVEY SHOWS

The total value of all slate sold in the United States in 1922 was $9,156,484, as reported by the Department of the Interior through the Geological Survey. This amount was 25 per cent more than that reported for 1921.

The roofing slate sold amounted to 479,243 squares, valued at $1,069,761, an increase of 38 per cent in quantity and 27 per cent in value. The quantity and value of the other kinds of slate sold were as follows: Electrical slate, 1,329,500 square fee, valued a $976,022 (increases of 13 and 5 per cent); structural and sanitary slate, 2,274,200 square feet, valued at $810,745 (increases of 33 and 26 per cent); blackboards and bulletin boards, 3,518,700 square feet, valued at $880,985 (increases of 12 and 11 per cent); school slate, 2,766,610 pieces, equivalent to 1,329,500 square feet, valued at $976,022 (decreases of 23 and 25 per cent); billiard table tops, 241,500 square feet, valued at $81,353 (decreases of 48 and 55 per cent); grave vaults and covers, 400,100 square feet, valued at $87,763 (decreases of 28 per cent each in quantity and value). The quantity of slate granules sold amounted to 379,980 short tons, valued at $2,177,061 (increases of 64 and 56 per cent), and the quantity of slate sold for miscellaneous uses amounted to 5,500 short tons, valued at $30,767.

STRAUSS BRIDGE COMPANY SUES CITY OF SEATTLE

Claiming breach of contract on the part of the City of Seattle, the Strauss Bascule Bridge Company of Chicago, to which the city recently paid $45,000 in settlement of claims for alleged infringement of patents in the construction of the University, Fremont and Ballard bridges, has filed a claim against the city for $119,392.14.

The bridge company claims damages in the sum of $19,392.14, representing five-tenths of the saving that would have resulted by the construction of a Strauss type bridge across the West waterways at Spokane street.

One hundred thousand dollars is demanded by the company for an alleged libelous statement credited to City Engineer Blackwell, to-wit: "That the Strauss design is not equal to the city design and that if it were made equal it would cost more than the city design."

Contra Costa County Builders Dedicate New Home

By THE OBSERVER

Speech and song accompanied by a banquet and a jazz orchestra were features in the dedication of the new home of the Contra Costa County Builders' Exchange, Friday evening, May 11th, an occasion to be entered in the annals of the building industry in Northern California as "a leap to progress and prosperity."

The banquet was held in the main auditorium of the new structure which was fittingly decorated for the purpose. Flag-draped walls and flowered-covered tables with fountains spouting colored waters comprised the decorations.

Interesting Speakers

F. M. Sanford, president of the Contra Costa County Builders' Exchange, acted as toastmaster and opened the banquet with a brief talk on the Exchange and its activities, commenting particularly upon its rapid growth and declaring that 98 per cent of the builders of Richmond are members. Sanford lauded the American Plan, declaring its policies to be good, but misunderstood by many. Contra Costa County, he declared ,is working 99 per cent on the open shop plan, which was put through by the Exchange only after encountering the usual difficulties accompanying the adoption of open-shop policies.

Alex. Minnie, a director of the San Francisco Builders' Exchange, spoke on the American Plan from the plasterers' point of view. Scotch wit accompanying his remarks was well received.

Warren McIryde of the San Francisco Industrial Association congratulated the Richmond builders in their sturdy fight to put the American Plan over and predicted a steady growth for Richmond building activities.

Richmond, the industrial center of Contra Costa County, the Gateway to prosperity. A city of streets paved with good-will and a hand-shake at its four corners. Where they greet you with a smile and say good-bye with the presentation of a return ticket. That's Richmond—the city sheltering the home of the Contra Costa County Builders' Exchange.

E. J. Gerrard, Mayor of Richmond, commended the builders on their fairness in dealing with the crafts since the adoption of the American Plan of employment. At one time a union man, the Mayor declared, he knew just what difficulties the Exchange had to encounter to put the plan through to successful operation. Mayor Gerrard congratulated the builders for their honest dealings with the men.

The Contra Costa County Builders' Exchange, an organization comprising sixty-eight members, so far as is known at this writing, is the only Builders' Exchange on the Pacific Coast owning its own quarters.

This establishes two facts: First, it shows that co-operation reigns supreme among the members; second, it establishes the fact that the Contra Costa County building fraternity has faith in the city of Richmond—"The Gateway to Prosperity."

E. M. Tilden, president of the Alameda County Builders' Exchange and a prime mover in the activities of the Contra Costa Exchange, declared the building interests, under the American Plan, are not fighting the unions, but seek to better conditions for all concerned—the owner, the contractor and the mechanic.

Brief remarks were also made by Joseph Brooks, manager of the Standard Oil Company's refineries in California, also by Sam North, a director of the Alameda County Builders' Exchange, by Doctor Thomas A. Boyer, pastor of the Christian Church at Richmond, and James Tyson of Oakland.

Max Kuhl Talks

The feature of the evening was a talk by Max Kuhl of the San Francisco Industrial Association, the backbone of the American Plan movement. Mr. Kuhl opening with his usual wit, followed it with a very forceful talk on the American Plan fight. A long and hard one, according to Kuhl, but one worth fighting for, considering the tremendous strides made in the building industry in the East Bay section since the closed shop restrictions were removed. He outlined the success of the American Plan in San Francisco and pointed to the increased building operations in that city since its adoption.

Kuhl declared there is no hostility in the American Plan against labor organizations. He urged the continuance and expansion of trade schools for the training of apprentices in the various crafts, pointing out the value of training the young men of today to be the mechanics of tomorrow.

An announcement by Kuhl that a representative of Great Britain is now in San Francisco investigating the merits of the American Plan system with a view to adopting it in that

NEW HOME OF THE CONTRA COSTA COUNTY BUILDERS' EXCHANGE

country in an effort to eliminate labor controversies which have been so numerous in the past, was cause for considerable comment by those in attendance.

Telegrams Read

Following the speech of Mr. Kuhl, the toastmaster read a telegram from the Sacramento Builders' Exchange containing a message of good-will to the Richmond Exchange from the Capitol city builders, who expressed themselves in wishing their east bay brothers every possible success in their new home.

William H. George, president of the San Francisco Builders' Exchange, sent a telegram containing greetings from the San Francisco builders and wished them continued success. Wires were also read from James T. Narbett, architect for the new exchange building, who is on a business trip in the East. M. A. Hayes, a member of the Exchange, wrote he was unable to attend due to pressure of business at a distant point. His letter was accompanied by a building note on the new exchange quarters, marked "paid-in-full." The latter was received amid cheers and considerable applause.

of men engaged in the building industry in and around the cities of Richmond, Martinez, Crockett and Pittsburg, decided that sufficient work was available to organize in an effort to better conditions in the industry. These meetings were attended by six or eight men. At each meeting the attendance increased to about twelve in number when it was found necessary to secure quarters other than that afforded by the city with parking privileges. An electrical contractor, anxious to see some results of the street meetings provided benches and chairs in the rear of his shop where meetings were called to order with a tinsmith's hammer rapped on the head of an oil keg.

Meetings in Shop

In the electrical shop, during the month of June, 1921, the Contra Costa County Builders' Exchange was permanently organized with a total of twenty-six members. Officers elected were P. M. Sanford, president; B. J. Ballantyne, first vice-president; N. E. Anderson, second vice-president; R. H. Spiersch, treasurer; F. A. Mero, acting secretary. Directors elected were E. M. Tilden, R. H. Spiersch, E. A. Marshall, N. E. Anderson, B. J. Ballantyne, P. M. Sanford and J. Walker.

After perfecting a permanent organization and with a rapidly growing membership, exchange quarters were fitted out in the rooms of the Richmond Chamber of Commerce. Again, due to the growing membership, larger quarters were leased in Macdonald avenue and a salaried secretary installed, Mr. L. C. Dexter, who still retains the office.

Employment Office

The Contra Costa County Builders' Exchange today has a total membership of sixty-eight and maintains an employment bureau in charge of the secretary ,to meet the demands of the members for mechanics. An accurate filing system containing the names, addresses and phone numbers of each registered applicant affords little or no worry in solving the labor question for exchange members in addition to keeping all mechanics constantly employed, thereby preventing their leaving the district for other building communities and causing a probable shortage which would tend to hinder construction projects in the Contra Costa section.

The Exchange Quarters

The new home of the Contra Costa County Builders' Exchange, erected at a cost of $15,650, is located in the center of the business district of Richmond, occupying a site 50 by 112 feet in Fourteenth street, near Macdonald avenue, the main thoroughfare of the city. The structure is purely a local product, all materials used therein being manufactured in Contra Costa County or its immediate vicinity.

The building is of brick construction, one story in height and covers a ground area of 42 by 89 feet and is so constructed to permit additions at a future time. In addition to the exchange quarters and as a source of revenue, provision was made for separate quarters, 40 by 15½ feet, to be leased as a store, this portion to be taken over by the exchange when increased membership makes it necessary.

Source of Revenue

In addition to the main auditorium and the store portion of the building the structure contains three consultation or estimating rooms where members may, without interference, discuss a project with a client or figure plans. A private office for the secretary, fully equipped with the latest in office furniture, three telephone booths, a general office and a kitchen comprise the other portions of the new quarters.

The main auditorium is 40 by 42 feet and features a huge brick and tile mantel. The walls are bordered with a tapestry paper of a marble pillar design denoting strength. Indirect lighting fixtures were provided for in this section of the structure.

Fully Equipped Kitchen

A kitchen, 9 by 12 feet, fully equipped to meet the demand of the most particular housewife is provided. This unit is to be in active service once a month when a refreshment hour will be taken following the regular meeting of the exchange. Members will be permitted to use the main auditorium and kitchen for private socials subject to the approval of the exchange directors.

Plans for the structure were prepared by Mr. James T. Narbett, Richmond architect and a member of the Contra Costa County Builders' Ex-

THE FIRST AMERICAN PLAN JOB IN CONTRA COSTA COUNTY—ONE OF MANY

Musical Program

During the banquet music was furnished by Denny Shaw's Orchestra. An interesting program of musical numbers and entertainers was carried out under the personal direction of Karl Eber of San Francisco. Pearl Leonard entertained with songs and dance, accompanied by Alvina McLaughlin. Dickie Richards, carried away a blue ribbon with his fast line of chatter and his song, "The World Is Mine," written by the Standard Oil Company. Miss Leonora Simonsen held the attention of the builders for ten minutes with popular songs. De Forrest, a magician, showed how to make red flags turn green in addition to making one billiard multiply into five, all of the same size. Reed and Reed sang the songs of today, following which Miss Leonard sang to F. A. Mero telling him that he "Had'da See Mama Every Night or He Couldn't See Mama at All."

Organization of Exchange

Preliminary organization of the Contra Costa County Builders' Exchange was started on the street corners of the City of Richmond during the month of May, 1921, when a group

change. Those having contracts on the structure, all members of the exchange, follow: P. M. Sanford, carpentry; Frank Ausez, concrete work; J. Walker, brick and steel; J. I. Collins, plumbing; Spiersch Bros., sheet metal work; R. D. Noble, electric wiring and fixtures; Richmond Roofing Company, roofing; Charles Brown, plastering; E. A. Marshall, painting; Pacific Electrical Manufacturing Company, installation of "Sheeline" electric steam radiator heating system; Tilden Lumber Company, lumber and millwork; W. P. Fuller, glass and glazing; Kawneer Manufacturing Company, store front construction; Ray Cook Marble Company, marble work. Labor on the fireplace, mantel and chimney was presented to the Exchange with the compliments of James Walker. Tile inserts for the mantel were donated by the California Art Tile Company and the brick by the Richmond Pressed Brick Company.

Present Exchange Officers

The present officers of the Contra Costa County Builders' Exchange are: P. M. Sanford, president; F. A. Mero, first vice-president; J. I. Collins, second vice-president; E. H. Higgins, treasurer; L. C. Dexter, secretary. Directors are E. M. Tilden, E. H. Higgins, F. A. Mero, P. M. Sanford, B. J. Ballantyne, E. A. Marshall and J. I. Collins.

SIDELIGHTS ON DEDICATION NIGHT

While we might overlook a few of the many who attended, we noticed Thomas A. Boyer, Sam D. North, James N. Long, E. J. Garrard, P. M. Sanford, E. M. Tilden, J. F. Brooks, Max Kuhl of San Francisco, R. D. Noble, F. M. Irving, R. H. Spiersch, Isaac Lerte, R. M. Osborn, F. Ausez, A. D. Sutherland, George T. Bowen, E. G. Vaughan, R. P. Dunn, G. P. Ingram, W. C. Goodwin, J. W. Wilkins, W. H. Wood, Ed A. Hoffman, Robert Irwin, H. J. Capron, R. H. Ivory, W. D. Mason, G. E. Milnes, A. C. Burdick, H. A. Stiver, Emil Hogberg, F. A. Mero, L. C. Dexter, H. E. Betinger, Karl Eber, E. M. Downer, Charles S. Renwick, Larkin J. Younce, Lloyd A. Peckman, Grant L. Miner, Jr., Grant L. Miner, Sr., Walter A. Saunders, Emile J. Cardinal, Joseph J. Stark, J. I. Collins, Carl Overaa, J. E. Odgers, W. Tilden, Thomas W. Hogan, Jr., J. P. Farrell, Robert Dorsan, W. Snelgrove, J. C. Hitchcock, H. R. Carter, H. O. Watson, W. B. Trull, F. A. McCausland, E. W. Ortenbladt, A. W. Good, G. W. Penniney, J. F. Galvin, J. R. Cravath, E. B. Stoddard, A. C. Meyers, J. W. Hislop, C. E. Marshall, G. B. Warner, George Edwards, J. L. Eakle, Matthew Morton, Joseph J. Burdon, K. J. Henning, W. F. Wilson, C. E. Clark, William Grutsch, E. A. Marshall, Gust Abrahamson, E. A. F. Carson, George L. Spaulding, G. C. Gorman, A. Nelson, R. W. Timmons, C. S. Ford, J. A. Fagerstrom, A. P. Hill, C. W. Mero, W. J. Richards, Jr., R. C. Wells, James Walker, S. R. Merry, R. G. Armstead, H. T. Caskey, R. E. Ostermeyer, Ray Cook, H. A. Johnston, R. E. Slattery, C. Pederson, F. A. Mayfield, P. Pederson, M. A. Milradt, L. DeGregorio, Dan Nozigba, J. C. Thompson, D. J. Collins, F. C. Spiersch, Walter D. Rihn, Norman E. Anderson, Richard Johnson, E. H. Higgins, B. J. Ballantyne, A. H. Winchcole, C. H. Brown, William Makin, T. D. Sexton, H. D. Jones, E. W. Shaw, Robert King, Oliver E. Smith, Bill Rigney, Harry McManus, L. J. Neal, M. J. Mealey, Alexander Mennie, W. A. Hislop, Warren McBryde, H. D. Chapman, James Tyson.

C. V. Mero, whose business is roofing, has just "Gotta See Mama Every Night or He Don't See Mama at All."

Archie Winchcole, the singing plasterer, was on hand and declared he enjoyed a good feed in addition to being in good company.

E. M. Tilden declared the dedication ceremonies were carried out on a strictly American Plan basis.

Max Kuhl paid some glowing compliments to the Richmond builders which were received with considerable applause.

Bill George, whose business is Mt. Diablo cement, couldn't show on account of business. Bill, we missed your smiling face.

P. M. Sanford regrets he has but one life-time to be connected with the Contra Costa County Builders' Exchange.

Jim Walker declared he spent the most enjoyable hours of his life at the dedication. Committeemen please note.

Charlie Brown, the champion plasterer of Richmond, liked the way the visitors admired the new quarters. Please note—Charlie did the plastering.

If pep and speed mean anything to an organization the Contra Costa County Builders' Exchange has plenty of it in its secretary, L. C. Dexter.

Architect J. T. Narbett couldn't show, but sent his regards, via Western Union. Absence makes the heart grow fonder. Hurry home, Jim.

Max Sheehan, stewart of the Elks Club, handled the banquet. Max, as feedster, you are there a million.

The Sacramento Builders' Exchange, comprising the livest members of the building industry on the Western Coast, sent its regards by wire.

Three cheers and a tiger for the General Dedication Committee: F. A. Mero, H. E. Bettinger, Carl Overaa and R. H. Spiersch. The boys did good work.

Mayor Gerrard of Richmond paid the Contra Costa County builders a tribute which caused considerable chest expansion among the members of that body.

RICHMOND'S IMPROVED STREETS

Improved streets in Richmond, Contra Costa County, are summed up by H. D. Chapman, city engineer and superintendent of streets, as follows:

	Miles.
Water-bound macadam	4.27
Oiled macadam	25.94
Sheet asphalt	1.73
Asphalt concrete	7.88
Bitulithic on broken rock	3.18
Bitulithic on concrete	3.79
Richmondite on concrete	.41
Thin top on concrete	11.30
Concrete	.40
Oiled macadam by tract owners	39.10
Equals 50.52%	98.00
Unimproved	96.00
	194.00

The above is as of March 1, 1923.

R. C. STARRETT APPOINTED CHIEF ENGINEER AT MERCED

R. C. Starrett, field engineer for the Merced Irrigation District, has been appointed chief engineer for the district, filling the position made vacant through the death of R. C. Starr.

Mr. Starrett's duties will be mainly in connection with the canal system of the district, but will keep in close touch with the construction of the dam and power house at Exchequr and the relocation of the Yosemite Valley Railroad, although the active direction of these works will be in charge of a consulting engineer yet to be appointed.

Engineer Starrett is a graduate of St. Mary's College of Oakland, in the class of 1910. Immediately after leaving college he accepted a position with the Hammond Engineering Company of the Yuba River near Marysville and later with the Pacific Gas & Electric Company on the Pitt River project. Following this he was resident engineer on tunnel construction on the Kerchoff project for the San Joaquin Light & Power Corporation, under the direction of R. C. Starr. After the completion of this project he was assistant engineer for the North Unit Irrigation District at Maderas, Oregon, and shortly before going to Merced was assistant engineer of the Sutter Basin Irrigation and Reclamation project.

Richmond Building in 1922 Breaks All Records

Building construction undertaken in the city of Richmond, Contra Costa County, during the year 1922 represented an expenditure of $830,944. During that period 302 permits were issued for new structures totaling $786,553 and 75 permits for alterations, repairs and additions aggregating $44,391, making a total of 374 permits granted.

The following is a segregated report of the Richmond activities since 1915, as compiled by L. Wierda, city building inspector:

	New Work.		Old Work		Total	Total
	Permits.	Value.	Permits.	Value.	Permits.	Value.
1915	216	$307,282	114	$24,666	330	$331,948
1916	223	261,866	78	12,077	301	273,943
1917	259	410,441	45	9,110	304	449,551
1918	235	410,990	97	31,315	332	442,305
1919	206	391,080	88	28,037	294	419,117
1920	383	792,983	76	31,600	459	824,583
1921	227	574,203	82	33,386	309	607,589
1922	302	786,553	72	44,391	374	830,944

For the first four months of this year the activities when compared with those for the year 1922 show a decided increase. During the first four months of 1922 a total of 120 permits were issued both for new structures and improvements to standing buildings, while the records for 1923 show a total of 182 permits granted, an increase of 62 permits. During January, February, March and April of 1922 the total expenditure for building construction in Richmond was estimated at $237,801, while for the same period in 1923 the total registers $411,850, an increase of $164,049 over 1922.

January of the present year closed with a total of 32 permits issued for construction costing $106,490; February closed with 52 permits, aggregating $87,920; March with 57 permits totaling $111,940, and April with 41 permits totaling $75,500.

TRADE NOTES

A petition has been filed in the U. S. District Court asking that the Unit Construction Company of San Francisco be declared bankrupt. The petition was filed by Attorney Alfred C. Skaife, on behalf of the Globe Indemnity Company; Lester, Herrick & Herrick and T. P. Strong, who claim they are creditors to the extent of $4000. The petition declares that the company committed an act of bankruptcy when it permitted the removal and sale of its plant in Berkeley to satisfy a judgment.

The Pawling & Harnischfeger Company, Milwaukee ,Wis., manufacturers of cranes and excavators, has recently issued new bulletins featuring P & H excavating equipment. The 58-X bulletin features the clamshell, dragline, orange peel, backfiller, crane hook, electro magnet and pile driving rig, with which the P & H excavators may be equipped. The 16-X bulletin features P & H trenching machinery. The "Testimonial Bulletin" is made up of a series of letters written by a few of the many users of P & H machinery.

Roy L. Anderson, district representative of the California Corrugated Culvert Company, who has been in the Sacramento territory for the past twelve years, has been promoted to sales manager of the Los Angeles territory. Wallace Mason, formerly of Sacramento and in the employ of the same company in Fresno, will assume Anderson's duties in Sacramento. The change is effective about June 1.

The Crane Company, manufacturers and jobbers of pipe, heating equipment and plumbing supplies, has established a branch at Tucson, Ariz. The company has secured a five year lease on a large warehouse at Tucson from the W. J. Corbett Hardware Co., and will carry an extensive stock to supply the large mining companies of Arizona. O. H. Benner is the Arizona representative of the Crane Company.

W. H. Ellison and Earle Russell have formed a partnership for the practice of structural engineering with offices in San Francisco and Los Angeles. The San Francisco office, at 369 Pine St., will be in charge of Mr. Ellison and the Los Angeles office, 747 South Hill St., in charge of Mr. Russell.

The George H. Tay Company is moving from its present quarters at Second and Mission streets to new quarters on Eighth streets between Mission and Howard streets, San Francisco. The company is one of the largest plumbing and heating supply houses in the Pacific Coast district.

The General Asbestos Corporation, of Montreal, plans to erect an additional mill of 1200 tons capacity per shift, according to a report from Consul General Albert Halstead. An improved demand for asbestos is noted as a result of increased building in the United States.

"Concerning Cement" is an interesting booklet of 15 pages, published by the Cement Information Service, Room 3127, 61 Broadway, New York, that deals with price, profits, competition, production, and construction costs as applied to cement.

Comparative Gasoline Consumption and Tractive Resistance on Pavement Surfaces

(By A. B. Cutter, City Engineer, Everett, Washington)

Having noticed more or less conflicting reports as to relative tractive resistance of rigid and non-rigid and gravel types of road surfaces, I arranged during the past Winter for the making of exhaustive tests in the State of Washington, which is my home, and the neighboring States of Oregon and California, and believe the result will be of public interest.

There being no snow in either of the above Pacific Coast States, the test could be made during the Winter months.

Representing the three general types of road surfaces, sections of road were selected for each type as follows:

1. Rigid type — Portland Cement Concrete.
2. Non-rigid type — Warrenite-Bitulithic.
3. Gravel or earth.

The rules governing the comparative tests were as follows:

(a) Distance of each test 100 miles continuous operation. This being regarded as a distance sufficient to accurately record the gasoline consumption and produce a fair average. In some previously reported tests the mileages have been so small and so variable as to provide grave danger of inaccuracy.

(b) Make test on road surfaces in good condition but having had at least three years' practical use.

(c) In each State use the same automobile for comparative test of the several types, but different machines were used for comparative tests in some of the several States.

(d) Uniform speed of not less than twenty nor more than thirty miles per hour.

(e) Record the date, location, speed and gasoline consumption on exactly one hundred miles, as shown by speedometer on the car.

Washington

It was not practicable to here make test on gravel road, but exhaustive tests on the other surfaces were as follows:

WASHINGTON

Road Surfaces	Bitulithic	Portland Cement Concrete
Date of Test	February 7, 1923	February 8, 1923
Location	Pierce County, Pacific Highway from DuPont to Country Club 26.7 miles	Mountain Road, being extension of Pacific Highway toward Rainier National Park.
Air Temperature	40 to 50° F.	40 to 50° F.
Tire Inflation	60 lb. rear 55 lb. front	60 lb. rear 55 lb. front
Running time 100 m.	3 hrs. 45 min.	3 hrs. 45 min.
Average speed per hr.	26.7 miles	26.7 miles
Gasoline consumed	5.5 gallons	5.5 gallons
Miles per gal. gasoline	18.2	18.2

OREGON

Road Surfaces	Bitulithic	Portland Cement Concrete	Gravel
Location	Base Line Road Columbia River Highway	Multnomah Hillsboro Road	Multnomah Co. East of Portland
Date	January 25, 1923	January 30, 1923	January 31, 1923
Weather	cool-moderate wind	cool-moderate wind	cool and fair
Tire Inflation	60 lb rear 55 lb front	60 lb rear 55 lb. front	60 lb. rear 55 lb. front
Running time 100 m	4 hrs. 35 min.	4 hrs. 25 min.	4 hrs. 40 min.
Aver. speed pr. hr.	21.9 miles	22.7 miles	21.4 miles
Gasoline consumed	5.25 gals.	5.5 gals.	7.0 gals.
Miles per gal. gasoline	19.05	18.18	14.28

CALIFORNIA

Road Surfaces	Warrenite-Bitulithic	Portland Cement Concrete	Gravel
Location	Tulare County	Tulare County	Fresno-Raisin Rd.
Date	February 3, 1923	February 3, 1923	February 1, 1923
Speed	15 to 20 m pr. hr.	15 to 20 m. pr. hr.	15 to 20 m pr. hr.
Weather	Fair	Fair	Fair
Temperature	45 to 75° F.	45 to 75°	55 to 70° F.
Gasoline consumption 100 miles	7.1 gals.	7 gals.	7.8 gals.
Miles per gal. gasoline	14.08	14.28	12.95

1. Whatever reports may have been made or may be made in the future by parties interested to have one or another type of road show the most favorable gasoline consumption test, the above tests clearly show that:

(a) Between Portland Cement Concrete and Warrenite-Bitulithic roads tested under uniform conditions, there is practically no difference in gasoline consumption.

(b) On gravel or Macadam roads **in good condition**, the gasoline consumption is from 10% to 35% greater than on either Warrenite-Bitulithic or Portland Cement Concrete road surfaces.

(c) Tests being made on road surfaces in good condition, of course the gasoline consumption would be relatively increased if the road surfaces are in bad condition.

(d) Under modern volume of traffic, good roads rapidly pay for themselves in economy of gasoline consumption and the same holds true in economy of tire and other automobile wear and tear. For instance, given a road carrying an average of 2000 vehicles per day or 730,000 vehicles per year, and calculating from the Oregon test above, we find with all the road surfaces in good condition, that:

On Warrenite-Bitulithic and Portland Cement Concrete roads the gasoline consumption is about (730,000÷19), 38,400 gals. at $.30 = $11,520.00 gasoline consumption per mile or road per annum;

On Gravel roads (730,000÷14) 52,000 gals. at $.30 = $15,600.00 gasoline consumption per mile of road per annum.

Saving on gasoline above by hard surface roads, 13,600 gals. at $.30 = $4,080.00 per mile of road per annum.

2. The relative saving in wear and tear on tires and other automobile parts cannot be computed, but it doubtless is fully as great as the gasoline consumption. Add to this the saving in road maintenance cost (to say nothing of wear and tear on nerves of road users) we have an object lesson of the economy of high type roads and of keeping roads in good repair for economic use.

SEATTLE PLANS EXTENSIVE HARBOR DEVELOPMENT

Voters of Seattle, Wash., at a recent election authorized the purchase of twenty-two acres of strategically located waterfront property for the further development of port terminal facilities by a substantial majority. The proposal had been bitterly fought. The proposition to issue bonds for the building of the "Montlake" bridge across the canal, carried.

The port property authorized to be bought was occupied by the Skinner & Eddy Shipbuilding Corporation during the war. It is owned by the United States government and was offered to the port of Seattle by the United States Shipping Board for $600,000. It will be developed as terminals for intercoastal and Puget Sound shipping and a new immigration station will be erected upon it for the government.

W. S. Lincoln was reelected president of the port commission, and incumbent city commissioners. The city also voted a 3-mill school tax to inaugurate a ten-year building program, providing for $700,000 revenue.

STATE CEMENT PLANT BILL GETS SENATE APPROVAL

State invasion of the cement manufacturing industry received the endorsement of the senate finance committee when S. B. No. 54, by Senator D. C. Murphy, San Francisco, was reported out with do pass recommendation.

An appropriation of $750,000 to launch the state in the cement manufacturing business was stricken out of the measure with the author's consent, the understanding being that this will be restored when the bill is considered by the ways and means committee, after opponents of the plan have had a chance to be heard.

There were no representatives of the cement industry present at hearing. Senator Will R. Sharkey, Contra Costa County, opposed the bill because he felt it a menace to the cement industry of his district. He and Senators Newton M. Allen, Joseph A. Rominger and D. H. Hart, Los Angeles County, voted against the bill.

ONE MORE STRIKE—IS OUT

We have had our labor strikes and are now on a sugar strike. Now word comes from New York of a strike against the high cost of labor and material in the building line.

Newspaper advices from the East say:

A "buyers' strike"— of builders — against the high price of material and labor has caused a tie-up of between $50,000,000 and $100,000,000 worth of construction in Greater New York.

The New York Telephone Company, which was to erect a $11,000,000 building, is the latest to join the strike. Officials declare that they are not in the position to build until the cost of material and labor comes down.

"Although the company had planned to start construction June 1," a statement issued by the company declared, "it has been decided now to let contracts only for the foundation work."

STEEL SALES DECLINE

It is estimated that sales of fabricated structural steel fell off 50 per cent in April from the volume placed in March, the April tonnage being estimated at not more than 100,000 tons. This was due partly to the seasonal decline and partly to work deferred on account of the mounting cost of building. Orders for oil storage tanks, bridges and general structural works fell off sharply, both in number and in tonnage.

Santa Clara Co. Builders Banquet and Discuss American Plan

About 100 members and guests of the Santa Clara County Builders' Exchange were present at the annual banquet held in the Hotel Montgomery, San Jose, May 12. Brief speeches, principally concerned with the American Plan, were heard.

W. M. Harmon, toastmaster, sketched his recent trip through eastern cities and told how in Washington he had been reminded of the glorious American tradition of liberty, defended in the revolutionary and civil wars, which now, he said, is being defended against unionism. "The enunciation of the American plan two years ago," he said, "is really another Emancipation Proclamation." He then introduced Samuel Tompkins, "the father of the American plan in Santa Clara County."

"The God-given right to labor is one of the natural rights of man," Tompkins declared. "The right to live implies the right to make a living. The American plan holds that employment shall be a privilege extended equally to all men. It would be as unjust to refuse a man employment because he is not a Mason or a member of a given church, as to refuse him that right because he is not a member of a trade union."

David Farquharson of San Francisco, delivered a sincere and fascinating address on loyalty.

"Your industry, gentlemen," he began, "is with agriculture, one of the two principal industries of the world. Seventy per cent of mankind are engaged in providing food and shelter for the world. How much of yourself do you put into it? How much loyalty do you accord your Builders' Exchange? Do not be like the work men whom you blame for throwing down their tools when the 5 o'clock whistle blows. Give it at least as much loyalty as you give your lodge. Take your growing sons with you to see good work, and show them that there is more than dollars in a building enterprise. And let no one dictate to you whether your sons shall or shall not learn any trade they please. Thus you help to make good craftsmen, and that is loyalty to your country.

The secretary of the Industrial Association, W. A. Edwards, informed his hearers concerning the progress of the American plan in San Jose. Since June 1 building to the amount of over $4,000,000 has been done under the American plan, ten times as much as under the closed shop.

"Treat the non-union men with as much consideration as if they had an organization backing them," Edwards exhorted his audience.

LABOR COSTS RISING FASTER THAN MATERIALS

No change in the building material situation has become apparent during April. Lumber and steel prices rose in March and pine and steel showed further increases in April. Labor in the building trades is advancing more rapidly than material costs. Owing to the multitude of demands made by unions in the building trades for wage increases to take effect May 1, that date has come to have peculiar significance. When the reports of the results of this readjustment in various parts of the country are in, we shall be in better position to judge the prospects for the summer and fall. In New York increases of $2 a day have been granted to bricklayers and plasterers, bringing the base scale up to $12 a day, while an advance of $1 brings the rate for plumbers and painters up to $10 a day. As many of these workmen are receiving bonuses of $5 a day above the base rate, the actual wages range from $15 to $17 per diem. Reversal of the court decision declaring invalid the New York State law granting tax exemption on residential construction has given an added impetus to operations in that city, which is the largest consumer of building materials in the country.—Bankers Economic Service.

WESTERN PINE MEN FACE SUIT IN EQUITY

By direction of Attorney-General Daugherty, a suit in equity has been filed against the Western Pine Manufacturers' Association comprising approximately fifty corporations and eighty-six individual persons, officers of companies and others.

Attorney-General Daugherty charges that the defendant association has for many years prepared, copyrighted, published and sold basic price lists which have been and which still are, uniformly and concertedly adopted and used by the defendant manufacturers. "The primary purpose of said basic lists," it is alleged "has been and still is to fix and establish relative values for all the many items of lumber produced and sold by the defendant manufacturers, and they also prescribe extra working charges and extra charges for special sizes and lengths on all items furnished which do not conform strictly to the standard grades and specifications adopted by the defendants."

The basic lists, Attorney-General Daugherty charges, "have never purported to represent the actual market, and the basic prices in them have generally been considerably higher than the prevailing selling prices so as to allow quotations to be made in terms of discounts or concessions from the list." It is charged that the defendant association has, from time to time, formulated, and the defendant manufacturers have concertedly adopted and maintained, and they still maintain uniform practices with reference to the manufacture and sale of their lumber which are contrary to law and operate in restraint of interest, trade and commerce. "The defendant manufacturers," it is charged, "sometimes have concertedly curtailed their production of lumber for the purpose of assisting in the maintenance of prices when the conditions of supply and demand have created natural tendencies toward lower prices." Alleged activities of the association as far back as 1917 are cited in support of the price-agreement charge.

UTAH STATE HIGHWAYS

Construction contracts amounting to $800,000 will be let by the Utah State Highway Department by June 1, Howard C. Means, State road engineer, advises the General Contractors Association of Utah. In addition to this the engineer declares that other contracts would be let as soon as projects shall have been approved which will bring the total of this year's work to $2,500,-.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

CONSTRUCTION OF SUBSTANTIAL STRUCTURES URGED BY L. A. BUILDER

Builders in San Francisco should make their structures of either substantial steel frames or brick in order to insure a porper salvage value when the buildings are torn down, said Walter R. Simons, president of the Los Angeles Builders' Exchange, on a recent visit to San Francisco.

Mr. Simons is just completing a tour of the United States, Canada, Cuba and the Panama Canal Zone in which he has observed the building conditions of the principal cities. He declares that the medium and moderate sized structures are doomed with the growing demand for space in the business districts of the cities.

"San Francisco is having a good, substantial growth," declared Mr. Simons, "and the building activity here compares very favorably with that of any city in the East. But I warn builders to profit by what is now occurring in Chicago and New York and to build their structures substantially to insure salvage value. Space in the business sections of those cities has become so valuable that all moderate sized buildings, such as eight, ten and twelve-story structures, are being torn down to make room for skyscrapers.

"In view of the rapidity with which San Francisco is growing, this same condition is bound to be repeated here. It is inevitable that all the small buildings in the business sections of this city will be torn down because the Pacific Coast is just beginning to come into its own."

The greatest building activity in the East, Mr. Simons states, is taking place in New York, Chicago, Toronto and Atlanta. The congested condition in those cities, he says, is causing a greater loss than here due to the fact that there is no room for expansion.

RENO CONTRACTORS COMPROMISE ON WAGE DEMAND

Union carpenters and contractors of Reno, Nevada, at a meeting of May 11, settled their wage dispute by compromising on $8.60 a day as the scale for carpenters for 1923. This is just midway between the original compromise offer of the contractors of $8.40 and the counter compromise offer of the carpenters of $8.80 a day.

It was stated that the non-union carpenters who have been imported from other cities to work during the progress of the strike, would be fully protected. They will complete the term of their employment and also will be given an opportunity to join the carpenters' union.

While the carpenters met for discussion at union headquarters, the contractors assembled in the offices of the Washoe County Builders' Exchange. The compromise which was accepted came from the contractors.

Frank Ingram, state labor commissioner, assisted in arriving at the settlement. The agreement provides for arbitration of future disputes. It does not affect the electrical workers, who also have demanded an increase in wage.

L. A. ARCHITECTURAL CLUB

The Architectural Club of Los Angeles held an interesting meeting at the University Club, Tuesday evening, May 1. Prof. Vern O. Knudson, professor of physics at Southern Branch, U. of C., delivered an illustrated lecture on acoustics, accompanied by practical demonstrations. C. Gordon Whitnall, director of the City Planning Commission, outlined a complete and constructive program for providing public building for Greate Los Angeles.

The club has recently admitted thirty new members, the membership now totaling 390. The employment registry service of which Henry Davis is chairman, is rendering a good service. There is a great demand for draftsmen and advertisements are being run in eastern magazines in order to secure competent men.

FRESNO BUILDERS' EXCHANGE IS EIGHTY PER CENT UNION

Members of the Fresno Builders' Exchange, according to data being compiled by Manager R. W. Chrouch, are now employing approximately 80 per cent of the union labor used in the building trades in Fresno. The information was given out by Chrouch in connection with the statement that within the next thirty days he expects to see the exchange membership increase to more than 200 members.

Under the personal direction of W. K. Kendrick, the exchange is carrying out a drive for members and committees report progress. Applications to be considered at the next meeting are: N. L. McKenzie, plastering contractor and the Prescott Brick & Lumber Company.

The Fresno Exchange is a little more than a year old.

OAKLAND BUILDERS TO FEATURE HOME TALENT

E. W. Shaw, Secretary of the Builders' Exchange of Alameda county with headquarters at Oakland is planning a "home talent show" and has discovered a wealth of talent among the East Bay builders.

Among the stars are: T. D. Sexton, known as the political plaster of Oakland, whose ability as a story teller has made him a host of friends; Fred Bishop, who played over the Orpheum circuit in a whistling and bird imitation act; James R. McKeon, pal of Rex Beach in the Klondike days, whose talent goes to drama and recitation, and William Makin, who possesses a splendid singing voice.

SACRAMENTO ENGINEERS ENDORSE BRIDGE PROJECT

The Sacramento Section of the American Society of Civil Engineers, at its regular weekly luncheon in the Sacramento Hotel, May 9, heard discussions on the proposed Sherman Island-Antioch Highway bridge over the San Joaquin River. The speakers were Assemblyman Robert McPherson of Vallejo, and Frank Reynolds, Sacramento civil engineer. Both declared that the bridge is an absolute necessity for the upbuilding and development of the Sacramento and San Joaquin delta sections. The section at its last meeting went on record as approving the plan to bridge the river.

APPOINT COMMITTEE FOR COAL SURVEY

W. L. Abbott of Chicago, a member of the American Institute of Electrical Engineers, has been appointed chairman of a committee to make a nationwide coal storage survey in co-operation with the United States Coal Commission and the Department of Commerce. According to a report issued by the Federated American Engineering Societies, New York City, the personnel of the committee will represent many groups, including coal mining—both bituminous and anthracite—transportation, public utilities, United States Bureau of Mines, chemical engineering, economics, and equipment. It is proposed to complete the survey by November 1 of this year. Mr. Abbott has been a leader in the engineering movement for government reorganization sponsored by the National Public Works Department Association.

RENO ELECTRICAL WORKERS WILL NOT SEEK INCREASE

Electrical workers of Reno, Nevada, have withdrawn a demand for a wage increase from $8 to $9 per day, according to a statement issued by Clifton M. Bailey, president of the Electrical Contractors and Dealers Association.

It is said that a national officer of the Electrical Workers' Union was in Reno and advised the men not to precipitate a strike.

The action of the electricians has eased the tenseness of the labor situation and may bring about a compromise. Builders state the sharp drop in building permits in April was due to disturbed labor conditions, originated by the strike of carpenters for $9 per day.

SAN FRANCISCO WORKS BOARD SEEKS $1,024,853 IN BUDGET

Budget requests totaling $3,034,384 will be asked of the Board of Supervisors by the Board of Public Works, it is announced, with the completion of the budget by the latter body. The total is an increase of $1,024,853 over that of last year.

Of the total, the Board of Public Works proposes to expend $901,000 on sewers and street-assessment districts, of which $545,000 will be used in the extension of main sewers, including the construction of the College hill tunnel, extensions on Army street, Springdale avenue, Sixth street, Thirtieth avenue and Kirkham street. For the San Jose viaduct $150,000 is asked, and for the Evans avenue viaduct $45,000. Assessment-district improvements include $37,000 for Liberty and Sanchez streets; $34,000 for Collingwood, between Twenty-first and Twenty-second Sts., and $18,500 for Douglass street, between Twentieth and Twenty-first streets.

The budget also asks that the sum of $250,000 be appropriated for the purchase of rights of way for the proposed San Mateo-Bay Shore boulevard, and includes a proposal to widen San Jose avenue from 66 to 80 feet to connect with the contemplated Bernal cut. Repaving of Seventh street and bridge repairs on Sixth street, the latter an item of $35,000, also are asked.

Building News Section

APARTMENTS

Sub-Figures Being Taken—Contracts Awarded.
APARTMENTS Cost, $1,300,000
SAN FRANCISCO, SE California and Taylor Streets.
Twelve-story and basement Class A steel frame apartment house (450 rooms, 2 3 and 4-room apts., garage and terraced garden).
Owner—Huntington Apartments Inc., E. B. de Golia, president and Harrison P. Smith, 114 Sansome St., San Francisco.
Architect — Weeks & Day, California Insurance Bldg., San Francisco.
Contractor—Cahill Bros., 110 Sutter St., San Francisco.
The contractors have awarded the following sub-contracts:
Reinforcing steel to Pacific Coast Steel Company.
Structural steel to Central Iron Works.
Electrical work to H. S. Tittle.
Plumbing to W. J. Forster Co.
Elevators to Otis Elevator Co.

Plans Being Prepared.
APT. BLDGS. $20,000 & 35,000 respectively
SAN JOSE, Santa Clara Co., Cal., Orchard & Parker Aves.
Two 2-story frame and stucco apartment buildings (8 2 & 3-room apts and 16 2 & 3-room apts.)
Owner—Kocher Estate.
Architect—Wolfe & Higgins, Auzerais Bldg., San Jose.

Owner Taking Sub-Figures — To Be Done By Day's Work.
APT. BLDG. Cost, $385,700
SAN FRANCISCO, SE Clay & Gough Sts
Ten-story and basement class A steel and concrete apt. bldg.
Owner—Tony Damico, 889 Filbert St., San Francisco.
Architect—E. E. Young, 2002 California St., San Francisco.
Supt.—F. C. Amorosa, 1336 Kearny St., San Francisco.

Plans Being Prepared.
APARTMENTS Cost, $18,000
OAKLAND, Alameda Co., Cal. Park Boulevard.
Two-story frame and stucco apartment building (1 6-room and 2 4-room apts.)
Owner—Withheld.
Architect — Claude B. Barton, 364 Staten Ave., Oakland.

Contracts Awarded.
SAN FRANCISCO, Valencia St. and Duboce Ave.
Two-story and basement frame and stucco apartment building (6 3-room and 2 4-room apts.)
Owner—Withheld.
Architect & Contractor—A. M. Hardy, 518 24th Ave., San Francisco.
Sub-Figures To Be Taken Shortly.
APT BLDG. Cost, $70,000
SAN FRANCISCO, NE Sacramento and Joice Sts. Five-story and basement class "C" 24-apt. bldg.
Owner—Ellen Ryan.
Contractor—Bay Construction Co., 215 Bacon Bldg., Oakland.

To Be Done By Day's Work.
APARTMENTS Cost, $30,000
SAN FRANCISCO, SW 14th & Sanchez Streets.
Three-story and basement frame (18) apartments.
Owner—Ernest Johnson, 581 Belvedere San Francisco.

Plans Being Figured.
APT BLDG. Cost, $12,000
SAN FRANCISCO, Polk and Bonita Ave
Two-story frame store and apt. bldg.
Owner—Mr. Hicks.
Architect—W. H. Crim Jr., 425 Kearny St., San Francisco.

Concrete & Carpenter Work—Contract Awarded.
APT. BLDG. Cost, $100,000
SAN FRANCISCO, E Taylor 72 S Ellis.
Six-story and basement reinforced concrete and steel apt. bldg.
Owner—D. S. Clinton.
Architect—A. H. Knoll, Hearst Bldg., San Francisco.

Figures To Be Taken In a Week.
APARTMENT HOUSE. Cost $35,000
N JACKSON ST., 55 W Laguna. Three-story frame apartment house (37 room apartment).
Owner—Withheld.
Architect—C. A. Meussdorffer, Humboldt Bank Bldg., San Francisco.

Contract Awarded.
ADDITIONS & ALTER. Cost $20,000
W DIVISADERO, 160 S Duboce. Additions and alterations of a 10-room residence into 3 5-room and 3 4-room apartments.
Owner—Eliz. Hunt, 61 Divisadero, San Francisco.
Architect—D. J. Patterson, 46 Kearny St., San Francisco.
Contractor — Andrew Olsen, 289 Fell San Francisco.

Contract Awarded.
APARTMENTS Cost, $123,900
SAN FRANCISCO, S Turk 187-6 W Taylor.
Six-story and basement concrete (22) apartments.
Owner—Thos. McDougal, premises.
Architect—Jos. Stewart, Claus Spreckels Bldg., San Francisco.
Contractor — Atlas Concrete Co., 180 Jessie St., San Francisco.

LOS ANGELES, Cal.—Elmer A. Lindsey and John H. Lindsey, props. of the Garden Court garage at Hollywood, have secured a long-term lease on property on Sunset Blvd., near Vista St. and contemplate the erection of an apartment house to cost $150,000. The site is 53x130 ft.

LOS ANGELES, Cal.—Lee Callahan & Sons, 1404 S Wilton Pl., will erect a 4-story brick apt. house on Rampart Blvd., bet. Wilshire Blvd. and 7th St. for themselves. It will contain 71 rms., 32 apts.; dimensions, 50x106 ft., brick walls, press. brick facing, marble and tile work, comp. rfg., pine trim, wall beds, steam htg., tiled baths, elevator Cost, $90,000.

LOS ANGELES, Cal.—A. C. Blumenthal and associates have purchased property on Wilshire Blvd. between Norton and Bronson Aves., and will erect a 2-story Spanish style apt. court. The site has a frontage of 300 ft. and depth of 150 ft. The bldg. will be brick constr., U-shaped, and will contain over 100 apts.; $350,000.

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Plaster Contractor
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Richmond, California
PHONE RICHMOND 1035

LOS ANGELES, Cal.—Lange & Bergstrom, Washington Bldg., L. A., and Monadnock Bldg., S. F., are taking bids on materials and sub-contracts for the 8-story and basement class A apt house to be erected at s.w. cor. 6th St. and Parkview Ave. for themselves. Walker & Eisen, 325 Pac. Finance Bldg., architects. Dimensions, 120x150 ft., 250 rms.; reinf. conc. constr., ruffled brick and terra cotta exter., marble and tile work, hardwood trim, elevators, steam htg., vacuum cleaning; cost $600,000.

LONG BEACH, Los Angeles Co., Cal.—Archt. W. Wellington Smith, 245 E. 12th St., Long Beach, has prepared preliminary drawings for a $200,000, 5-sto., class A own-your-own apt. bldg. to be erected at 637 Magnolia Ave., Long Beach, for a group headed by Harry J. Alsop, owner of the site, and Will Garner of Garner Bros., 140 Locust Ave., Long Beach, sales agent. Found., 50x175 ft., 48 apts., 4 double and 8 single on each floor.

SAN PEDRO, Los Angeles Co., Cal.—Archt. Leonard L. Jones, 603 Grosse Bldg., Los Angeles, has completed plans and is taking general bids for the erection of a 4-story class C store and apt. bldg., at San Pedro, for L. De Carlo; will contain 4 stores, lobby and 81 rooms, divided into 40 apts. Brick walls, press brick facing, basement, comp. rfg., struc. steel, plate glass, metal sash, steam htg. sys., ornam. iron, cem., hardw. and O. P. fls., staff work, wall beds, tile baths and drainboards, storage water htr., inter-telephone system; cost $150,000.

LOS ANGELES, Cal.—A. V. Perkinson 4412 S Hoover St., has prepared plans for a 2-story brick store and apt. bldg. to be erected on Central Ave., bet. 47th and 48th Sts. for Thos. F. Fitzgerald, 957 E 51st St. It will contain 6 stores, 15 apts.; 60x146 ft., brick walls, press. brick facing, steel beams, pine trim, tiled baths, water htrs., gas rads.; cost $50,000.

LOS ANGELES, Cal. — Archt. W. Douglas Lee, 400 Sun Drug Bldg., has completed plans for a 2-story store and apt. bldg. at the cor. of Hollywood and Sunset Blvds., for Seymour Goodman; will contain 16 stores and 6 single apts. Brick, 2-story, 60x315 ft., terra cotta trim, press. brick facing, tile and comp. rfg.; cost $75,000.

LOS ANGELES, Cal. — Richardson Bldg. & Engineering Co., 141 N Larchmont Blvd. has the contr. to erect a 5-story class C apt. house at s.e. cor. of 5th and Bonnie Brae Sts., for Fashion Realty Co., Loew State Bldg. It will contain 160 apts.; dimensions, 140x147 ft., brick walls, press. brick facing, comp. rfg., pine trim, wall beds, tiled baths, elevators, steam htg., $300,000. Plans by Archt. E. M. Frasier, Regent Apts.

LOS ANGELES, Cal.—Fickett & McFadden, 220 Wilshire Bldg., 6th St. and Western Ave., have the contr. to erect a $62,000, 3-sto., frame apartment buildings at Serrano and San Marino Sts., for Julius C. Weil. Six 7-room apartments. Stucco exterior, hardwood floors and trim, tile mantels, baths and drainboards, furnace heat.

BONDS

RED BLUFF, Tehama Co., Cal.—Voters reject proposal to issue bonds of $96,000 to finance improvements at Lincoln and Oak sts. schools. W. H. Weeks, 369 Pine St., S. F.

TACOMA, Wash.—Bonds of $2,400,000 have been voted to finance school construction. Architects are yet to be selected.

GREETINGS FROM SAN FRANCISCO

to the

CONTRA COSTA COUNTY

BUILDERS' EXCHANGE

SAN FRANCISCO BUILDERS' EXCHANGE

GREETINGS FROM SACRAMENTO

to the

CONTRA COSTA COUNTY

BUILDERS' EXCHANGE

SACRAMENTO BUILDERS' EXCHANGE

GREETINGS

TO

CONTRA COSTA

COUNTY BUILDERS'

EXCHANGE

FROM

Daily Pacific Builder

Larsen Advance Construction Reports

Building and Engineering News

GREETINGS FROM BUILDERS'

EXCHANGE OF ALAMEDA COUNTY

to the

CONTRA COSTA COUNTY

BUILDERS' EXCHANGE

Alameda County Builders' Exchange

BAKERSFIELD, Kern Co., Cal.—Election will be held June 1 in Ordena School District to vote bonds of $25,000 to finance construction of new school. Trustees of district are: Fred Rollin, Mary E. Cobb and Mrs. Edna Hill.

AUBURN, Placer Co., Cal.—June 19 is date set to vote bonds of $175,000 to finance construction of new county hospital and $100,000 for a county jail and hall of records building. W. H. Weeks, 369 Pine St., S. F., is the architect.

WHITTIER, Los Angeles Co., Cal.—Board of Education has secured options on property for three new schools. Bond issue for these projects will be submitted to the voters within 60 days.

MERCED, Merced Co., Cal. — Until May 21 bids will be rec. by supervisors for purchase of $10,000 bond issue of Livingston School District and $7000 issue of Fruitland School District; proceeds of both sales to finance school improvements.

STOCKTON, San Joaquin Co., Cal.—Until June 5 bids will be rec. by county supervisors for the purchase of the $8000 bond issue of the Calla School District; proceeds of sale to finance school improvements. Davis-Heller-Pearce Co., Delta Bldg., Stockton, are the architects.

TRANQUILLITY, Fresno Co., Cal.—Election will be held June 5 in Tranquillity School District to vote bonds of $30,000 to finance school improvements. Trustees of district are: E. E. Slater, C. F. Goodrich and K. O. Whitson.

VISALIA, Tulare Co., Cal.—County Supervisors authorize sale of $25,000 bond issue of Reedley Joint School District; proceeds of sale to finance school improvements.

HANFORD, Kngs Co., Cal.—City council contemplates calling election to vote bonds of approximately $175,000 to finance construction of a municipal auditorium. Present plans provide for establishment of civic center in which will be located new city hall and auditorium, an American Legion club house, a hall of records and a county library building. Frank B. Graves, city attorney, prime mover in proposal.

SANTA ROSA, Sonoma Co., Cal.—Supervisors reject bids for purchase of $375,000 Santa Rosa High School District bond issue as being too low, the best bid being offered by the Bank of Italy with a premium of $4,106.25. The Exchange Bank bid $5,813. Both bids at par with accrued interest. The bonds will be sold at private sale, the proceeds to finance erection of new high school group consisting of three reinforced concrete structures; main building, gymnasium and auditorium. W. H. Weeks, Architect, 369 Pine St., San Francisco.

HANFORD, Kings Co., Cal.—Until June 5 bids will be rec. by supervisors for purchase of $325,000 bond issue of Lemoore Union High School District, proceeds of sale to finance construction of new high school, plans for which are being completed by W. H. Weeks, Architect, 369 Pine St., San Francisco. (38843) 1st report Mar. 30, 1921; 5th

CHURCHES

Plans Being Figured—Bids Close May 16, 1923, 3 p. m.
CHURCH Cost, $17,000
ALAMEDA, Alameda Co., Cal., Oak St.
One-story frame and stucco gymnasium & social hall bldg. for church.
Owner—First Methodist Episcopal Ch.
Architect—H. H. Meyers, Kohl Bldg., San Francisco.

PACIFIC GROVE, Monterey Co., Cal.—Wm. P. Sweeney, Pacific Grove, awarded contract to erect Christian Science Church at Fountain and Central Aves. J. W. Maxwell, architect, Pacific Grove.

ORANGE, Orange Co., Cal.—The following sub-contract bids have been awarded for the erection of a Spanish church bldg. at Orange for the Emanuel Lutheran Evangelical Church of Orange; plans by Arthur G. Lindley, and Chas. Selkirk, assoc., 300 Amer. Bank Building. Struc. steel, Braumbacher Iron Wks.; sheet metal, Orange Tin Shop Co., Orange; mill work, Crown Sash and Door Co.; tile rfg., J. A. Drummond; gunite exter., L. A. Cement Gun Co.; art stone and staff work, California Staffe and Stone Co.; comp. rfg., Kelly Roofing Co., Santa Ana; elec. wiring, Orange Elec. Co., Orange; heating and vtg., Potter Gas Rad. Corp. All concr. and carpenter work to be done by day labor, under supervision of gen. foreman.

LONG BEACH, Los Angeles Co., Cal.—W. E. Piper, 38 Locust Ave., Long Beach, will superintend the day work construction of a $50,000, two-story and basement brick and stucco church building at 11th and Freeman Sts., Long Beach, for the Methodist Episcopal Church. W. Horace Austin, 222 First National Bank Bldg., Long Beach, architect.

LOS ANGELES, Cal.—Archts. Corwin & Merrill, 3981 W 6th St., 568648 and 568271, have been commissioned to prepare plans for a $75,000 part 2-story brick church bldg., to be erected at 51st St. and McKinley Ave. for the South Baptist Church. Found., 150x150 ft., blower htg. sys., organ loft, frame gymnasium, 62x100 ft. with running track.

STEGE, Contra Costa Co., Cal.—Stege Presbyterian Church plans to erect new edifice. Building committee is composed of John Creely, D. A. Dodge, Matthew Weir and Clarence Thayer.

STOCKTON, San Joaquin Co., Cal.—Congregation Ahvais Aachim of Stockton has appointed committee to outline plans to finance construction of new synagogue. Two sites are under consideration, one in north and another in southern section of city. Structure costing $15,000 is planned.

HUNTINGTON PARK, Los Angeles Co., Cal.—Architect Harold Cross, 905 Merchants Nat'l. Bank Bldg., is preparing plans for a new Sunday school building to be erected in Huntington Park for the Huntington Park Baptist Church; will contain 30 classrooms, with assembly hall. Frame constr., 3-story, brick veneer, 52x75 ft., hardwood floors, gas rad. htg., comp. rfg., art glass, steel plate girders, water htr., pressed brick facing.

OAKLAND, Cal. — Wm. Makin, 351 12th St., Oakland, has been aawrded a contract for the plastering of St. Joseph's Chrch on San Antonio Avenue and Chestnut streets in Alameda from plans by architect, H. A. Minten, Monadnock Bldg., S. F., $22,000.

HANFORD, Kings Co., Cal.—Of the $80,000 required, the First Methodist Church, has raised $35,000 to finance construction of a new edifice. Plans for the structure are being completed and with $50,000 available construction will be started. The balance of the funds will be raised through larger personal donations.

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TULARE, Tulare Co., Cal.—Tulare Christian Church will construct $5,000 "bungalow" type addition to present structure and following its completion will remodel old edifice for Sunday school quarters.

STOCKTON, San Joaquin Co., Cal.—Congregation Ahavis Aachim has purchased site in Fremont St., bet. San Joaquin and Hunter and will erect a $15,000 edifice, funds for which are available.

FACTORIES & WAREHOUSES

Plans Being Prepared.
LOFT BLDG. Cost, $140,000
SAN FRANCISCO, 2nd St. nr. Harrison
Five-story reinforced concrete loft building!
Owner—R. McLeran Co., Hearst Bldg., San Francisco.
Engineer—T. Ronneberg, Crocker Bldg, San Francisco.
Contractors—Owners.

Contract Awarded.
BAKERY Cost, $21,387
OAKLAND, S E-11th St. 104 E 4th Ave.
Brick bakery.
Owner—Mutual Creamery Co., 3724 E-14th St., Oakland.
Architect—A. W. Smith, 1010 Broadway Oakland.
Contractor—John M. Bartlett, 351 12th St., Oakland.

Contract Awarded.
BUILDING Cost, $21,630
SAN JOSE, Santa Clara Co., Cal., San Pedro St.
One-story brick building 120x180.
Owner—San Jose Paper Co., 161 W Santa Clara, San Jose.
Contractor — Jorgensen & Cook, 651 Prevost St., San Jose.

Plans Being Prepared—Contr. Awarded On a Percentage Basis.
FACTORY Cost, $70,000
SAN FRANCISCO, SE Folsom and 17th Streets.
One-story and mez. floor reinforced concrete factory bldg. 200x213.
Owner—J. Allec.
Lessee—Edw. R. Bacon Co.
Architect—Arthur S. Bugbee, 26 Montgomery St., San Francisco.
Contractor—Cahill Bros., 110 Sutter St. San Francisco.

Plans Being Figured.
LOFT BLDG. Cost, $14,000
SAN FRANCISCO. Cor. Bryant St. and center Place, bet. 2nd and 3rd Sts.
Two-story and mezzanine floor reinforced concrete loft building.
Owner—Smith O'Brien and C. B. Hobson.
Architect—Smith O'Brien, 742 Market St., San Francisco.

Owner Taking Sub-Figures.
ADDITION Cost, $20,000
OAKLAND, Alameda Co., Cal. E 11th St. and 23rd Ave.
One-story mill constructed addition to factory (galv. iron siding, skylights, etc.)
Owner—Hammar Bray Co., premises.
Architect—Clay N. Burrell, 1st Trust Bldg., Oakland.

Contract Awarded.
ADDITION Cost, $12,000
SAN FRANCISCO, NE Harrison and Ritch.
Addition of 2nd story to present 1-story bldg., install elevator, etc.
Owner—H. L. Wright, 1545 Divisadero, San Francisco.
Architect—Ward & Blohme, 454 California St., San Francisco.
Contractor — H. P. Hoyt, Monadnock Bldg., San Francisco.

Plans To Be Prepared—Dredging Contract Let.
WHARVES ETC $2,000,000 approx.
ALAMEDA, Foot of Grand St.
Wharves, piers and warehouses for shipping terminal.
Owner — Alaska Packers Assn., 111 California St., San Francisco.
Engineer—Not decided.
The dredging contract (approx. 1,500,000 cu. yds.) has been awarded to the American Dredging Co.

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Steel Bids Opened—Segregated Figures Being Taken.
ADDITION Cost, $75,000
SAN FRANCISCO, No. 638 Sacramento Street.
Three-story and basement Class A reinforced concrete loft building addition 22-6x119-6, also remove brick wall, install 1 passenger elevator, etc.
Owner — Mergenthaler Linotype Co., premises.
Architect—A. A. Cantin, Foxcroft Bldg., San Francisco.
The following bids were received for steel and are still under advisement:
Pacific Rolling Mills (including cast iron work) $13,075
Central Iron works 11,820
Herrick Iron Works 11,639
Ralston Iron Works 12,922
Union Constr. Co. 13,440
Golden Gate Iron Wks, $135 per ton, approx. 12,400

Contract Awarded.
WAREHOUSE Cost, $79,864
SACRAMENTO, Cal. Third and Q Sts.
One-story and basement reinforced concrete warehouse.
Owner—Lindley & Co.
Architect—Dean & Dean, Library Bldg., Sacramento.
Contractor—Campbell Constr. Co., 601 Nicolaus Bldg., Sacramento.
Contract includes all work except elevators. Bids were taken under advisement.

Contract Awarded.
SHED Cost, $14,000
OAKLAND, E Peralta St., opp 20th St.
One-story receiving shed.
Owner—Independent Paper Co., prem.
Contractor—K. E. Parker Co., 519 California St., San Francisco.

Plans Being Prepared.
ALTERATIONS Cost, $——
SAN FRANCISCO, E Third St. north Mission Street.
Remodel loft building.
Owner—Dunn & William.
Architect—S. Heiman, 57 Post St., San Francisco.

EXETER, Tulare Co., Cal.—Cobb & Doffflemyer, Exeter, will construct additions to packing plants at Exeter and Naranjo. New graders will be installed at both plants.

HUNTINGTON BEACH, L. A. Co., Cal.—California-Pacific Textile, Inc., with a capital of $1,500,000 will build a 10,000 spindle cotton mill for the manufacture of auto tires, cord, fabrics and other similar products. W. A. Golden, formerly of Providence, R. I., is pres., and Thomas Talbert, Huntington Beach, chairman of the board of supervisors of Orange county, is one of the directors.

LOS ANGELES, Cal.—Archt. W. J. Saunders, 227 Laughlin Bldg., has completed plans for additions to the plant of Home Service Laundry Co., at 1159 Crocker St. The work will include a 3rd-story addition to the present class C brick bldg., 85x77 ft., and a new 3 story class A bldg., 198x110 ft. Bids are being taken for all work complete in one contr. The new bldg. will be reinf. conc. constr., plas. exter., steel sash, comp. rfg., metal skylights, 2 elevators.

FULLERTON, Orange Co., Cal. — Ground has been broken for the new reinf. conc. storage pre-cooling plant to be erected on east Commonwealth Ave. by the Placentia Orange Growers Assn., Placentia. Fred L. Somers, Pomona, and 2650 Santa Fe Ave., Los Angeles, has the contr. to erect this bldg. and a similar structure at Placentia. Approx. 125x145 ft. each. The one at Placentia will be 2-story in the pre-cooling portion and 1-story for the ice and storage portion, cost, $85,000. The bldg. at Fullerton will be 1-story; cost $75,000. The roof will be of slow burning constr. Each plant will have ice-making machinery of about 30-ton capacity. Gay Engineering Co., 2650 Santa Fe Ave., Los Angeles (South 4345) has the contr. for all ice and pre-cooling machinery, est. to cost $45,000 for the Placentia and $55,000 for the Fullerton plant. The Gay Co. will also furnish the cork insulation.

PORTERVILLE, Tulare Co., Cal.—Porterville Co-Operative Poultry Assn. has had plans prepared for one-story and basement brick, 90x100 ft. office and market structure to be erected at D and Mills Sts.; est. cost $15,000. Plans are yet to be approved by the directors of the Assn. J. W. Nance is mgr.

LOS ANGELES, Cal.—Armour & Co., 119 S Central Ave., are having plans drawn for a 3-story and basement class A bldg. to be erected at 1st St. and Central Ave. for warehouse and sales purposes. It will be reinf. conc. constr., dimensions, 65x150 ft. The present plant will be remodeled. Total cost, $150,000.

LANKERSHIM, L. A. Co., Cal.—Archt. H. M. Patterson, 325 O. T. Johnson Bldg. has been commissioned by the board of education to prepare plans for a new school bldg., to be erected at Lankershim. It will contain 12 rms.; brick constr.; $84,000.

LOS ANGELES, Cal.—Archt. W. L. Schmolle, 40 Montgomery St., San Francisco, is preparing plans for a 3-story class A warehouse, to be erected at 15th St. and Grand Ave., for Chanslor-Lyon Co. Noice & Merrill, 1326 Washington Bldg., have been commissioned struc. engrs. Reinf. conc. constr., 3-sto. ad part basement, dimensions, 70x170 ft., mezzanine fl., conc. exter. walls, comp. rfg., 2 freight elevators, steel sash, steel rolling doors, ornam. iron wire glass; $100,000.

SAN FRANCISCO — John T. Lund, president of the Northwest Lead Co., of Seattle, manufacturing lead pipe, sheet lead and plumbers' supplies, accompanied by Frank M. Smith, a director of the Bunker Hill and Sullivan Mining Co., of Idaho, are conferring with the San Francisco Chamber of Commerce regarding a site on which it will establish a $300,000 fabricating plant, in San Francisco or its immediate vicinity. The Bunker Hill concern, represented by Smith, controls a half interest in the Seattle company. Fred W. Bradley, mining engineer, Crocker Bldg San Francisco, is president of the latter concern and Wm. H. Crocker, San Francisco banker, treasurer.

SAN JOAQUIN, Fresno Co., Cal.—Walter N. Hubbard is supervising the erection of a $25,000 creamery and Casein plant, construction of which has been started.

DIXON, Solano Co., Cal.—Thos. Moulton and A. J. Matthews, formerly of San Francisco, have purchased site, 20x70 feet, and will erect ice plant.

WATSONVILLE, Santa Cruz Co., Cal. — K. T. Romie, Salinas, Calif., has purchased site at Ford and Main Sts., and will erect plant for the manufacture of hollow concrete brick.

YUBA CITY, Sutter Co., Cal.—Sutter County supervisors reject bids to erect warehouse to store county equipment and new bids will be asked; est. cost $2000.

SALINAS, Monterey Co., Cal.—Salinas Valley Ice Co., Soledad and El Sausal Sts., will spend $30,000 in improving plant. Will install 75-ton ice machine, piping, electric hoist, etc.

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SAN FRANCISCO, CALIF.

WILMINGTON, Los Angeles Co., Cal. —White Star Co. will build a refinery at Wilmington to handle the output of the company's wells at Santa Fe Springs. The proposed plant will have a capacity of 3000 gals. gasoline per day.

LOS ANGELES, Cal.—Architects S. Tilden Norton and Frederick H. Wallis, 330 Pacific Finance Bldg., have completed plans and are taking bids for the erection of a three-story brick warehouse, at the northwest corner of Fifth St. and Santa Clara Ave., for the Eastern Outfitting Co. Dimensions 372x125 ft., comp. rfg., hardwood and cement floors, steel sash, hydro-electric elevator, plate glass, structural steel, metal skylights; 2 stories to be erected at this time.

YREKA, Siskiyou Co., Cal.—Siskiyou County Dairy Assn. recently organized, is signing up members to furnish milk of sufficient quantity to secure the establishment of a condensary to be erected by the Borden Milk Company. W. D. Duke is president and Ernest Glover, secy. of the association.

YUBA CITY, Sutter Co., Cal.—Edw. Von Geldern, Yuba City, at $2250 submits low bid to supervisors to erect warehouse to store county equipment. Hulbert & Triplett, Yuba City, bid $1 956 with slight changes in specifications. Bids taken under advisement.

GLENDALE, Los Angeles Co., Cal.—The Rogers Una-Drive Motor Truck Co., H. C. Powell, treas. and gen. mgr., has taken a 98-yr. lease on 9 acres near Colorado Blvd., and San Fernando Rd., Glendale, where it expects to begin constr. immediately of the first unit (about 150,000 sq. ft.) of a large motor truck factory. The lease was negotiated with the Roy L. Kent Co., 130 S. Brand Blvd., Glendale, which will probably handle the architectural and engineering work.

FLATS

Bids In — Contract To Be Awarded Shortly.
FLATS Cost, $17,900
SAN FRANCISCO, W 21st Ave. 200 S Lake.
Two-story and basement frame (2) flats.
Owner—Adolph C. Wolf.
Architect—W. H. Crim Jr. & Hamilton Murdock, 425 Kearny St., S. F.

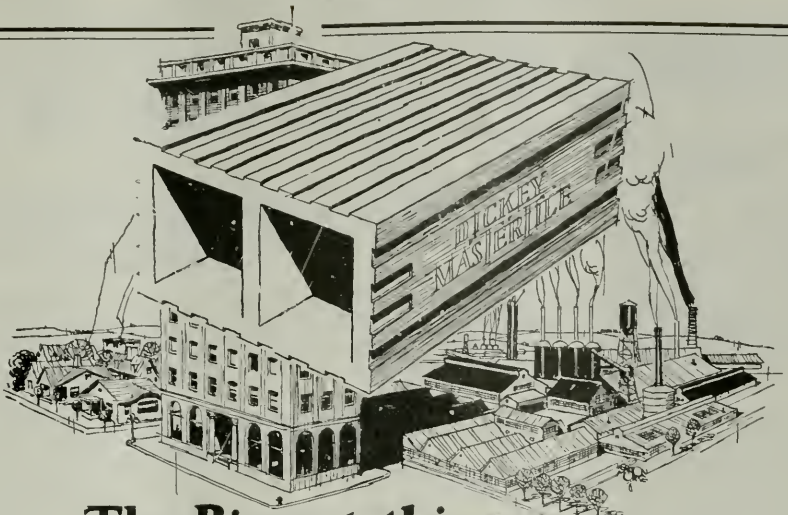
Figures To Be Taken By Owner Next Week.
FLATS Cost, $26,000
SAN FRANCISCO, E 25th Ave. near Fulton Street.
Two 2-story frame and stucco flat bldgs. (2 5-room flats each).
Owner—P. J. Feerick, 757 9th Ave., San Francisco.
Architect—A. H. Knoll, Hearst Bldg., San Francisco.

GARAGES

Bids In.
ADDITION Cost, —
SAN JOSE, Santa Clara Co., Cal.
Brick addition to garage.
Owner—Henry Hoover.
Architect—Wolfe & Higgins, Auzerais Bldg., San Jose.

Contract Awarded.
GARAGE Cost, $30,000
EUREKA, Humboldt Co., Calif., NW Fourth and H Streets.
One-story frame and stucco garage, showroom 40 by 108 ft., in addition to service quarters, parts departments, etc.
Owner—Chas. Green.
Architect—Frank T. Georgeson, Eureka
Contractor—Wing & Langdon, Eureka

SANTA ROSA, Sonoma Co., Cal. — Wasserman-Flynn and Crawford, Santa Rosa, granted permit by city council to erect $12,000 garage building in Block 305, near First and D Streets. A. M. Hildebrandt, Santa Rosa, is architect.



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Plans Being Prepared.
GARAGE Cost, $20,000
SAN JOSE, Santa Clara Co., Cal.
One-story reinforced concrete garage.
Owner—Letcher Garage.
Architect—Wolfe & Higgins, Auzerais Bldg., San Jose.
Plans will be ready for figures in about 30 days.

GOVERNMENT WORK AND SUPPLIES

Contract Awarded.
WARD BLDG. Cost, $51,382
SAN FRANCISCO. Letterman General Hospital.
Two-story concrete ward building.
Owner—U. S. Government.
Architect — Constructing Quartermaster's Office, Fort Mason.
Contractor — Jas. Currie, 3120 Balboa St., San Francisco.
This contract includes all work but doesn't include the construction of the wing for which bids will be called for about July 1st, when additional funds are available.

FORT MASON, Cal.—The Constructing Quartermaster opened bids on May 11th for constructing three temporary bath houses and lavatories at Camp at Del Monte, Calif.
Jas. Currie, 3120 Balboa St., San Francisco, $1475.
Dean Constr. Co., Pacific Grove, $1612.
Contract to be awarded to Mr. Currie.

WASHINGTON, D. C.—Bids are being received by Bureau of Supplies and Accounts, Navy Department, for fur. and del. supplies to yards, as follows, date of opening bids at noted at end of each paragraph:
Schedule 803, for San Diego, and Mare Island, misc. silver-plated ware, May 29.
Sched. 804, for Mare Island and San Diego, misc. chaiware and glassware, May 29.
Sched 805, for all navy yards, large quantities of hand-hole and manhole gaskets, May 29.
Sched. 806, eastern and western yards misc. packings, June 5.
Sched. 809, Mare Island, 1100 ft. iron soil pipe, June 5.
Sched. 810, Mare Island, 80 electric soldering irons, June 5.
Sched. 814, Mare Island, 17,500 yds. burlap, June 5.
Sched. 815, Mare Island, 14,000 lbs. bar steel, June 5.
Sched. 816, Mare Island, 10 pneumatic grinders, June 5.
Sched 819, Mare Island and Puget Sound, 20,730 ft. steel wire rope, June 5.
Sched. 820, Mare Island, 34,400 ft. steel conduit, June 5.

WASHINGTON, D. C.—Following is list of prospective bidders for projects under jurisdiction of Bureau of Yards and Docks, Navy Department:
Pearl Harbor, T. H. Mine Building; date for opening bids not yet set; Specification No. 4760: McClintic-Marshall Co., 1216 Munsey Bldg., Baltimore, Md.; Pittsburgh-Des Molnes Steel Co., Curry Bldg., Pittsburgh, Pa.; W. F. Martens Co., 112 Cutler Bldg., Rochester, N. Y.
Pearl Harbor, T. H. Extension for Battery Storage and Overhaul; date for opening bids not yet set; Spec. No. 4761 W. F. Martens Co., American Bridge Co., Wilkins Bldg., Washington, D. C.
San Diego, Calif., Service Extensions to Marine Barracks; date for opening bids not yet set; Spec. 4764: Crane Co., 1221 I St. N. W., Washington, D. C.
Pearl Harbor, T. H. Refrigerating Equipment; bids to be opened June 13; Spec. No. 4767: Mayer Ice Machine and Engineering Co., Westside and Grant Ave., Jersey City N. J.

SAN DIEGO, Cal.—Bureau of Yards and Docks, Navy Department, Washington, D. C., is preparing Specification No. 4847, for planting shrubbery at Marine Corps base, San Diego. Bids will be asked shortly.

VERNAL, Utah—Supervising Architect, Treasury Department, Washington, D. C., rejects bids to erect postoffice at Vernal, Utah, due to insufficient funds.

DENVER, Colo.—Until May 28, 2 p. m., bids will be rec. by U. S. Reclamation Service, for fur. and del. f. o. b. cars manufacturer's plant, metal forms (sheet metal work) and c. i. rings for lock joint concrete pipe, under Specification No. 319-D for North Platte project, Nebraska-Wyoming, involv. approx. 50,000 lbs. c. i. and sheet metal work. R. F. Walter, acting ch. eng. Further information on request.

PEARL HARBOR, T. H.—Hawaiian Dredging Co., Honolulu, T. H., at $.70, estimated total cost $591,500, awarded contract by Bureau of Yards and Docks Navy Department, under Specification No. 4798, for dredging wharf and piers at Pearl Harbor. Time for completion, 120 days.

PUGET SOUND, Wash. — Contract awarded by Bureau of Yards and Docks Navy Department, Washington, D. C. to Whiting Corp., Harvey, Ill., for fur. 15-ton electric traveling crane for ordnance storage building at Puget Sound, has been withdrawn and all bids rejected.

DENVER, Colo.—Until June 6, bids will be rec. by U. S. Reclamation Service for fur. metal spillway gates for Black Canyon dam, Boise project, Idaho and the Tieton dam, Yakima project, Washington, involv. approx. 1,200,000 lbs. metal work.

NOGALES, Ariz.—Devault & Dietrick Canton, Ohio, at $92,283, time to complete 12 months, awarded contract by Supervising Architect, Treasury Department, Washington, D. C. to erect U. S. postoffice at Nogales.

SAN FRANCISCO.—Until May 26, 11 A. M., bids will be rec. by U. S. Engineer Office, 85 2nd St., under Order No. 4543, for fur. and del. fuel oil and distillate.

CORDOVA, Alaska—Warrack Construction Co., 1427 N-34th St., Seattle, Wash., at $89,000 awarded contract by Supervising Architect, Treasury Department, for construction of two-story and basement rein. conc., 50x84 ft., post office, courthouse and jail. Contract does not include furnishings, jail equipment, mail boxes or screens.

HALLS AND SOCIETY BUILDINGS

Contract Awarded.
ALTER. & ADD. Cost, $66,100
DECOTA, Alameda Co., Cal., Rancho Arroyo de la Alameda.
Alter and add to present bldg. (all wk. except brick, terra cotta and struc. steel, etc.)
Owner—Masonic Homes of Calif.
Architect — Wm. Mooser, Nevada Bk. Bldg., San Francisco.
Contractor—Lawton & Vezey, Call Bldg San Francisco.
Brick, terra cotta and structural steel awarded to Harold N. Larson, Monadnock Bldg., S. F., at $57,900.

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Contract Awarded.
FRATERNITY HOUSE Cost, $23,860
OAKLAND, Alameda Co., Cal. Piedmont Avenue.
Two-story frame and stucco fraternity house with terra cotta roof.
Owner—Phi Kappa Tau Fraternity.
Architect—W. R. Yelland, Perry Bldg., Oakland.
Contractor—Barr & Son, 306 26th St., Oakland.

Contract Awarded.
BUILDING Cost, $96,000
SACRAMENTO, Cal., 6th St., bet. I and J Streets.
Three-story brick store, auditorium & dance hall building.
Owner—Ed. Kripp, 925 6th St., Sacto.
Contractor—G. E. Harvle, 2212 T St., Sacramento.

BOULDER CREEK, Santa Cruz, Co., Cal.—Benevolent and Protective Order of Elks, Boulder Creek Lodge, will erect two-story 35 by 46 ft. rustic lodge building. Main floor will contain club quarters and the upper floor for rest and locker room, kitchen, banquet hall, etc.

GLENDALE, L. A. Co., Cal.—Roy L. Kent Co., 130 S Brand Blvd., Glendale, is completing working drawings for the Oakmont Country Clubhouse and will be ready for bids on or before May 31; 318 ft. long by 90 ft. deep over all, frame with shingle rf. and exter. walls, cobblestone faced foundation, inter. finished with Celotex with O. P. and redwood trim, oak and maple flr.; dining rm., 70x41 ft., with curved ceiling 21 ft. high; lounge rm., 60x42 ft. with 4-way brick fireplace in center; grill rm., 35x46 ft.; men's locker, 56x35 ft.; ladies' parlor, 16x19 ft.; billiard rm. 35x18 ft.; kitchen, 34x41 ft.; separate wing for ladies' locker, showers and dressing rm.; working basement containing stewards quarters; annex containing professional shop and show rm. and caddy house; open terrace and pergola on east front, 96x150 ft.; main entrance hall, office and secretary rm. at main entrance on west; open area west of clubhouse to accommodate 100 autos with pipe rail and canvas covering; 350 steel lockers; cost $50,000. Contr. for swimming pool, 75x35 ft., with rustic stone landscaping and enclosure, let to Henry Hooper, R. F. D. 4, Box 28-J Montrose, Calif.

LOS ANGELES, Cal.—Archts. Morgan Walls & Morgan, 1124 Van Nuys Bldg., are taking bids for erecting a class A store and lodge bldg. at 11th and Flower Sts. for the Odd Fellows Hall Assn. Bids will be taken separately on general contr., roofing, plumbing, heating and ventilating, sprinkler system, wiring, elec. fixtures, elevators, ornam. iron, painting, kitchen equipment, refrigerators, furniture and steel lockers. The bldg. will be 3-stories and basement; 100x155 ft., reinf. conc. constr., steel columns and girders, plas. and cast stone exter., marble and tile work cost $300,000.

LOS ANGELES, Cal.—Archt. John J. Frauenfelder, 1116 Story Bldg., is preparing plans for a 5-story apartment bldg. to be erected at 3rd and Lucas Sts. for Los Angeles Nurses' Club. It will contain administrative offices of the club and registration bureau, auditorium, lobby and 100 apts., dimensions 85x160 ft., concrete constr. up to 2nd story, brick constr. above. Colonial brick facing, cast stone trim, comp. rfg., fire escapes, pine inter. trim and fls., tiled baths, elevator, wall beds, gas-steam htg., water heaters.

STOCKTON, San Joaquin Co., Cal.—Knights of Columbus and Young Men's Institute ladges of Stockton, have appointed committee to outline ways and means to finance construction of a 2 or 3-story lodge and club building to cost approx. $75,000. It is probable a building association will be organized.

LONG BEACH, Los Angeles Co., Cal. —The Long Beach Petroleum Com'l Club, T. J. Cannon, organizer, 138 American Ave., is reported buying a 160x415 ft. site on south side Ocean Ave., at First Pl., Long Beach, for a $700,000, 8-sto. club bldg., to include 100 sleeping rms., dining rms., auditorium, billiard rms.

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LOS ANGELES, Cal.—Architects S. Tilden Norton and Frederick H. Wallis, 330 Pacific Finance Bldg., are completing plans for a three-story Class C lodge and store building, to be erected at the northeast corner of 9th St. and Union Ave. for Independent Order of B'nai B'rith; it will contain 11 stores and lobby on 1st floor with lodge rms., auditorium, banquet hall, kitchen and rest rooms on 2nd and 3rd floors, also gymnasium and swimming pool in the basement. Brick walls, 80x160 ft., terra cotta and pressed brick facing, structural steel, plate glass, comp. rfg., pine and hardwood trim, cement and maple floors, steam heating system, mech. ventilating system, tile swimming pool, marquise canopy, aut. elec. elevator, lockers; $150,000. Bids will be taken soon.

ASTORIA, Ore.—Architect Chas. T. Diamond, Astoria, commissioned to prepare plans for fireproof store and lodge building to be erected at 10th and Commercial Sts. for Odd Fellows Land and Building Assn. Will be 3 stories in height.

MARYSVILLE, Yuba Co., Cal.—Masonic lodges of Marysville are planning to erect seven-story fireproof store, office and lodge building on site of present structure which was erected seventy years ago. A building committee will be appointed to work out means to finance construction.

LOS ANGELES, Cal.—Archts. Corwin & Merrill, 3981 W 6th; 568648 and 568271 will be ready for sub-bid figures in two weeks for erecting a 2-story Masonic Temple at n.e. cor. 41st Pl. and Figueroa St. for Palestine Lodge No. 351. Found., 62x127 ft., brick constr., comp rfg., hardwood fls., cem. fls., unit heating, tapestry brick exter., art stone trim, plate glass, tile fls., copper sash, steel beams, staff wk., pine trim, basement, water heating system, $60,000.

MARYSVILLE, Yuba Co., Cal.—Mrs. L. L. Freeman, president of The Marysville Art Club, seeking lease from city council on city owned property at Eleventh and E Sts., on which it is proposed to erect fireproof women's club building to contain auditorium, banquet halls, meeting rooms, gymnasium, etc. Other women clubs of Marysville will assist in financing construction.

HOSPITALS

Sketches Being Prepared.
ADDITION Cost—
SAN FRANCISCO, S Bush E Hyde St.
Four-story brick addition to hospital 75 rooms.
Owner—St. Francis Hospital.
Architect—Alfred I. Coffey, Humboldt Bank Bldg., San Francisco.
The St. Francis Hospital has just purchased the Florence Ward Hospital on the s.e. corner of Bush and Hyde Sts. and will conduct it as an annex to their hospital.

Completing Plans—Bids To Be Called For In July.
ADM. BLDG. $600,000 to $700,000
OAKLAND, Alameda Co., Cal., 14th Ave and E-27th St. (Highland Hospital)
Two-story reinforced concrete & terra cotta administration bldg.
Owner—Alameda County.
Architect—Henry H. Meyers, Kohl Bldg San Francisco.

Plans Being Prepared.
HOSPITAL Cost, $250,000
ALAMEDA, Alameda Co., Cal. SW Willow St and Clinton Ave.
Three-story reinforced concrete hospital.
Owner — Alameda Sanatorium (Miss Creedon), 2054 Clinton Ave., Ala.
Architect—Edw. T. Foulkes, Crocker Bldg., S. F.

Plans Being Figured
NURSES' HOME Cost, $70,000
SAN FRANCISCO, Anza St. and Sixth Avenue.
Four-story and basement brick nurses' home.
Owner—French Hospital, premises.
Architect — Fabre & Hildebrand, 110 Sutter St., San Francisco.
Bids are being taken for a general contract.

LOS ANGELES, Cal.—The following sub-contracts have been awarded for the erection of a class A hospital at Glendale Elvd. and Waverly Dr., for the Merrill Corp.; plans by Archt. John John J. Fruenfelder, 1116 Story Bldg.; tile rfg., R. G. Blessing; comp. rfg. Hammond Lumber Co.; mill work, Deats Sash & Door Co.; sheet metal, Crescent Sheet Metal Wks; painting, Dresher & Heinsbergen; ornam. iron, Bayer-Rothgeb; elevator, Otis Elevator Co.; art. stone, S. Tomasello; plastering, Bert E. DeQuine; incinerator, C. P. Hellman; dumb waiter, C. A. Naysmith.

SANTA ANA, Orange Co., Cal.—Archt. H. Newton Thornton, A. I. A. Hill Bldg., Santa Ana, has prepared tentative drawings for the new hospital to be erected in Santa Ana, at SW. cor. Grand and Washington Aves., for the Santa Ana Valley Hospital Assn. The bldg. will be of Spanish type of fireproof construction, 4-sto with complete facilities for 90 beds. There will be X-ray dept., laboratory, kitchen, nurses' dining room ,operating dept., etc. Est. cost, $276,000. The archt. is working on plans and spec. for contractors, and these should be ready shortly. The bldg. committee is composed of Drs. J. M Burlew, John Wehrly, H. N. Brothers, R. P. Yaegel, B. Martell and H. Newton Thornton.

CHICO, Butte Co., Cal.—Dr. N. T. Enloe and J. F. Fitzgerald, manager of Enloe Hospital, 330 Flume St., Chico, will erect new hospital at Fifth and The Esplanade in the Chico Vecino district; est. cost, $80,000. Plans are being prepared by San Francisco architects whose names are withheld pending the completion of the drawings.

HOTELS

Electrical Contract Awarded—Taking Bids for Heating and Plumbing.
HOTEL Cost, $250,000
PETALUMA, Sonoma Co., Cal.
Four-story steel frame reinforced concrete or brick hotel (100 rooms).
Owner—Petaluma Hotel Co.
Manager of Constr.—Frederick Whitton, 251 Kearny St., San Francisco.
Bids for the plumbing and heating will be opened May 18th, at noon.
The electrical contract was awarded to Radelfinger Bros., 142 Fourth St., San Francisco, at $5971.
Other bidders were: Decker Elec. Constr. Co., $6985; M. E. Ryan, $6129; Central Elec. Constr. Co., $6220; Frank J. Klimm, $6621; Reid & Co., $7165; Rex Elec. Constr. Co., $6899; Newbery Elec. Co., $4400. There was an error in the Newbery bid.

Plans Being Figured.
HOTEL Cost, $50,000
DUNSMUIR, Siskiyou Co., Cal.
Three-story brick hotel.
Owner—Frank Talmage, Dunsmuir.
Architect — Hutchison & Mills, 1214 Webster St., Oakland.

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Plans Being Figured.
ROOMING HOUSE Cost, $20,000
SAN JOSE, Santa Clara Co., Cal., N 1st and Julia St.
Alter 3-story brick rooming house bldg.
Owner—S. J. Wise, 97 N Market St., San Jose.
Architect—Wolfe & Higgins, Auzerais Bldg., San Jose.

PINE FLATS, Tulare Co., Cal.—Architects, Jeffery & Schaefer, 1104 Kerckhoff Bldg., L. A., have completed plans for a hotel bldg. at Pine Flats, for the Myers Land Co.; will contain general store, lobby, dining rm. and kitchen on 1st floor, with ten rooms on 2nd floor. Logs and cobblestone exter., owner will build by day labor.

LOS ANGELES, Cal.—Robert E. Millsap, 423 Marsh-strong Bldg., was low bidder at $105,990 on the gen. contr. for erecting a 6-story class A hotel Bldg., at Francisco St. and Potter Park for Frank G. and E. H. Jansen; Harold Cross, 907 Mer. Nat. Bank Bldg., archt. Bids on sub-contracts, including plastering, plumbing, heating, wiring, tile work, painting and elevators will be received next week. The bldg. will contain 120 rooms, 85 baths, 120 toilets; reinf. conc. constr., 90x100 ft., cast stone trim, press. brick facing, etc. The bids on the gen. contr. were: Robert E. Millsap, $105,990; add $3000 for terra cotta trim instead of cast stone; Walter Slater Co., $113,000 and $3000; C. L. Peck, $113,140 and $1340; Stewart Construction Co., $117,750; Robertson & Evans, $118,950 and $2500; E. C. English $119,376 and $750; Macdonald & Kahn, $125,400 and $2800; Orndorff-Klapper-Gow Co., $125,500 and $1500; Macdonald & Driver, $125,863 and $4200; J. A. Mathis, $141,272, including terra cotta; deduct $1230 for cast stone.

LOS ANGELES, Cal.—Arndorff-Klapper-Gow Co., 625 Bank of Italy Bldg., have the contract to erect an 11-story and basement class A store and hotel bldg. at n.e. cor. 6th and Columbia Sts. for a syndicate composed of Howard Rivers, Fred Elliott, L. H. Orndorff & H. J. Jackson. Archts. Russell & Alpaugh, 1106 Story Bldg., are preparing the plans. The bldg. will contain stores in the first story and 153 rooms and 153 baths in the upper stories. Dimensions, 60x96 ft., reinf. conc. constr., brick and tile filler walls, face brick and terra cotta exter., plate glass windows, comp. rfg., fire escapes, marble and tile lobby, birch inter. trim, tiled baths, steam htg., vacuum cleaning, 2 passenger elevators, freight elevators, gypsum block partitions; cost $400,000.

LOS ANGELES, Cal.—Archt. Albert C. Martin, 430 Higgins Bldg., is preparing plans for a 7-story and basement class A annex to the Southland Hotel at s.w. cor. 6th and Flower Sts. for J. B. Lankershim. It will be L-shaped, built around the present bldg.; extreme dimensions, 175x100 ft., and will contain 200 rms. Constr. will be of reinf conc. The cost will be $300,000.

SHERMAN, L. A. Co., Cal. — Frank Pesch Co., 6665 Hollywood Blvd., has announced its intention of erecting a $75,000 50-room, Spanish stucco hotel for workingmen on Santa Monica Blvd., Sherman . for the company. Frank Hell, 6665 Hollywood Blvd., will be the bldr. Basement, showers, baths, hot water system, gas and steam htg.

WILMINGTON, L. A. Co., Cal. — A. Godfrey Bailey, 410 Jr. Orpheum Bldg., has prepared plans for a 4-story class C brick store and hotel bldg. to be erected at Wilmington for Harbor Cities Housing Corp., 711 E Anaheim Blvd It will contain stores in first story and about 100 rooms in the upper stories; dimensions, 80x126 ft., brick walls, press brick facing, plate glass, steel beams, comp. rfg., pine trim; cost $112,000.

ICE AND COLD STORAGE PLANTS

SANTA ROSA, Sonoma Co., Cal — National Ice Co., has been granted building permit by city council to erect a $9000 cold storage plant in Sebastopol Ave. A. M. Hildebrandt, Santa Rose, is architect.

POWER PLANTS

Bids To Be Called For About June 1st
POWER PLANT Cost, $90,000
SAN JOSE, Santa Clara Co., Cal., County Hospital Grounds.
Reinforced concrete power plant.
Owner—Santa Clara County.
Architect—Binder & Curtis, 255½ S 1st St., San Jose.

CONTRA COSTA CO., Cal.—Pacific Gas & Electric Co., 445 Sutter St., San Francisco, authorizes expenditure of $227,350 to reconstruct what is known as the South Tower and Herdlyn Power lines, running from Martinez through Contra Costa County via Antioch, taking in Middle River, Brentwood and the Knightsen territory. The work will be under the supervision of F. R. George, Engineer for the P. G. & E. Co.

SANTA BARBARA, Cal. — Southern Counties Gas Co. authorized by railroad commission to const. pipe line from Ventura oil fields to Santa Barbara. Work will involve a compressor station in the oil fields and a 6-in. transmission line to the city. Approx. cost of projects $277,000.

RIVERSIDE, Cal.—Pacific Telephone & Telegraph will expend $60,000 for extension to its local system and for additional facilities. Approx. 64,550 ft. cable of various sizes will be laid.

LOS ANGELES, Cal.—City will vote June 5 in question of issuing bonds of $35,000,000 to develop electrical energy from the Colorado river at Boulder Canyon.

SAN DIEGO, Cal.—Consolidated Gas & Electric Co. has applied to the Railroad Commission for authority to sell $1,438,000 par value of its first and refunding six per cent bonds, $550,000 par value of its first mortgage bonds and $674,400 par value of its preferred stock. Applicant desires to issue the securities requested for the purpose of retiring outstanding securities, and to defray cost of additions and improvement to its plants. Est cost of construction expenditures for the year 1923, $2,740,542.

SEATTLE, Wash.—W. A. Trowbridge at $3615 awarded cont. by Bd. Pub. Wks for fur. 330 poles for city light dept.

SHASTA COUNTY, Calif.—Mt. Shasta Power Corp., a subsidiary of the Pacific Gas and Electric Co., 445 Sutter St., San Francisco, authorized by Federal Power Commission, covering 50-year period, for developments at the Pit No. 3 project and a preliminary permit covering 2½ year period for Pit No. 4 unit, both projects on the Pit river in the Shasta and Lassen National Forests near Redding. These projects include a storage reservoir created by dam 100-ft. high and a pressure tunnel approx. 4-mi. long to supply water to power plant of 99,000 h. p. installed capacity operating under a head of 307-ft. Immediately below this plant will be a diversion dam together with pressure tunnel approx 3-mi. long to supply power houses of 53,000 h. p. installed capacity to operate under head of 233-ft Generated power will be conveyed by means of 220,000-volt transmission line to line running from Hat creek plants of company to Cottonwood.

VENTURA, Cal.—Southern Counties Gas Co. starts work on 2 compressors costing $11,000 each, at the Avenue Plant, for supplying natural gas to Santa Barbara from the Avenue field. Work on the lines to Santa Barbara will start next month.

AMADOR COUNTY, Calif.—Construction Co., of Northern America, Mills Bldg., San Francisco, applies to Federal Power Commission for permit authorizing power developments in the Mokolumne river in Amador and Calaveras counties. Construction involv. construction of a dam and a tunnel 1½-mi. long leading to power house in basin of Dry Creek. A second dam will be built in Dry Creek, creating a large reservoir to store flood waters of the Mokolumne for irrigation use.

PUBLIC BUILDINGS

Bids To Be Called For Next Week.
ADDITION Cost, $40,000
OAKLAND, Alameda Co., Cal., 18th & Poplar Sts.
Two-story reinforced concrete addition to Detention Home (Juvenile Court cells, etc.)
Owner—Alameda County.
Architect—H. H. Meyers, Kohl Bldg., San Francisco.

J. R. CRAVATH, President C. S. RENWICK, Secretary

Pioneer Electric Company

Contractors—Dealers—Engineers

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Plans on File at Building and Engineering News.

Plans Being Figured—Bids Close May 29, 1923, 10 a. m.
CITY HALL Cost, $600,000
STOCKTON, San Joaquin Co., Cal., El Dorado, Centro, Fremont and Lindsey Streets.
Class A City Hall.
Owner—City of Stockton.
Architect—J. Pearce, of David-Heller-Pearce Co., Jos. Losekann and Pete Sala, as a firm, Delta Bldg., Stockton.
Bids are being taken as follows:
All work complete.
General contract.
Heating.
Plumbing.
Electrical wiring.
Complete mechanical equipment.
Jail equipment.
Deposit of $100 required on general contract, plans and specifications, and $50 on other sub-contracts.
A complete set of plans and specifications are on file in the office of the Larsen Construction Reports, 560 Mission Street.
The following general contractors have applied for plans.
J. F. Shepherd, Yosemite Bldg. Stockton.
R. W. Moller, Call Bldg., S. F.
Goold & Johns, 119 S California, Stockton.
Howard S. Williams, 180 Jessie St., San Francisco.
Robert Trost, 26th & Howard Sts., San Francisco.
E. H. Riley, Yosemite Bldg., Stockton.
Davison & Nicholsen, 336 W Lafayette, Stockton.
Reilly & Nemetz, 180 Jessie St., San Francisco.
Lange & Bergstrom, Monadnock Bldg San Francisco.
Circle Constr. Co., New York.
Herndon & Finnigan, 1814 17th St., Sacramento.

Figures To Be Taken In About a Week.
ADDITION Cost, $25,000
RICHMOND, Contra Costa Co., Cal.
Frame and brick addition to Carnegie Library.
Owner—City of Richmond.
Architect—W. H. Weeks, 369 Pine St., San Francisco.

MADERA, Madera Co., Cal.—Supervisors reject bids to construct restroom in county park at Chowchilla and plans have been ordered for a larger structure. Bids rejected were: O. G. Nelson & Co., with tile roof, $1,396.85; shingle roof, $1,143; Johns-Manville roof, $1,202.80. R. E. Carter, Sarinaw shingle roof, $1,344; Johns-Manville asbestos roof, $1,376; tile roof, $1,469.

HANFORD, Kings Co., Cal. — City council authorizes purchase of two steel filing cabinets with combination locks; one for city attorney and another for city clerk; costs not to exceed $143 each.

EL SEGUNDO, Los Angeles Co., Cal.—Until 8 P. M., May 29, bids will be received by City Clerk Victor D. McCarthy for erecting 1-story brick municipal office building at El Segundo. Plans and specifications may be obtained at office of city clerk. Cert. check or bond for 5%.

OLYMPIA, Wash—Western Construction Co., Seattle, at $666,861 submits low bids to State Capitol Commission to construct walls of new legislative building, the central unit of the new capitol group. Other bids were: Sound Const. & Eng. Co., Seattle, $751,900; J. A. McEachern, Seattle, $818,000; Dugan & Chrisman, Seattle, $757,154; Pratt & Watson, Olympia, $893,738. All bids rejected and new bids ordered received to be opened June 8, Wilder & White, architects, New York, N. Y.

MODESTO, Stanislaus Co., Cal.—Architect Jas. Hoose, Ramont Bldg., Modesto, commissioned by Stanislaus County supervisors to prepare plans for new county detention home to be erected in vicinity of county hospital.

CORDOVA, Alaska—See "Government Works & Supplies," this issue. Post Office, jail and courthouse.

OLYMPIA, Wash.—Until June 8, 10 a. m., bids will be rec. by State Capitol Commission for new bids on excavation work, Wilkeson cut stone, brick work, plain and reinforced concrete, structural steel, waterproofing, rough carpentry, plumbing and electrical work in the masonry foundation and other walls in the new Legislature building of the State capitol group. Work is to be completed by Dec. 1924. Cert. check 5% req. with each bid. Wilder & White, architects, New York, N. Y. Bebb and Gould, Hoge Bldg., Seattle, resident architects. Plans may be had from the latter.

SANTA ANA, Orange Co., Cal.—Archt. Frederick H. Eley, Santa Ana, has been commissioned by county supervisors to prepare plans for the proposed Orange county parental home, to be erected at Fruit St. and Grand Ave. His contract calls for fee of 6% of total cost for architectural work and supervision.

HANFORD, Kings Co., Cal.—See "Bonds," this issue.

VALLEJO, Solano Co., Cal.—Alf. E. Edgcumbe, City Clerk, instructed to advertise for bids to paint Phoenix Fire Engine station.

RESIDENCES

Plans Complete
RESIDENCE. Cost $14,000
SAN MATEO PARK, San Mateo, Cal. Two-story frame Dutch Colonial residence, 8 rooms (resawed shake exterior.)
Owner—F. F. Johnson.
Architect—Mitchell & Jackson, 170 2nd Street, San Mateo.

Plans Being Figured.
RESIDENCE Cost, $28,000
PIEDMONT, Alameda Co., Cal.
Two-story frame and plaster residence and garage.
Owner—Mrs. Marshall.
Architect—S. B. & N. Newsom, Nevada Bank Bldg., San Francisco.

Sub-Figures Being Taken.
RESIDENCE Cost, $8000
PIEDMONT, Alameda Co., Cal.
1½-story frame and stucco residence.
Owner—Wm. Greuner.
Architect—Clay N. Burrell, 1st Trust Bldg., Oakland.

Plans Being Prepared.
RESIDENCE Cost, $35,000
PIEDMONT, Alameda Co., Cal. Seaview Avenue.
Two-story frame and stucco residence and garage with tile roof, 12 rooms.
Owner—Withheld.
Architect—Claude B. Barton, 364 Staten Ave., Oakland.

Sub-Figures Being Taken.
DWELLINGS Cost, $10,000 ea.
OAKLAND, Hampton Ave.
Two 1 & 1½-story frame dwellings.
Owner—Mrs. Pellaz.
Architect—Clay N. Burrell, 1st Trust Bldg., Oakland.

Plans Completed—Figures to be Taken Next Week.
RESIDENCE Cost, $30,000
SAN FRANCISCO, Ingleside Terrace.
Two-story and basement frame and stucco residence with terra cotta roof (14 rooms, 3 bathrooms, and garage for 3 machines).
Owner—M. Spiegelman.
Architect—S. Heiman, 57 Post St., San Francisco.

Plans Being Figured.
RESIDENCE Cost, $12,000
SAN FRANCISCO, Jackson St. and Arguello Blvd.
Two-story frame and plaster residence and garage (10 rooms, 2 bathrms).
Owner—Mrs. Grace P. Bekeart.
Architect—Ward & Blohme, 454 California St., San Francisco.

Plans Being Prepared.
RESIDENCE Cost, $19,000
SACRAMENTO, Cal.
Two-story frame and stucco residence and garage.
Owner—Withheld.
Architect—Leonard F. Starks, Ochsner Bldg., Sacramento.

Plans Being Prepared.
RESIDENCE Cost—
SAN FRANCISCO, Sea Cliff.
Residence (Spanish style).
Owner—Kenneth MacDonald Jr.
Architect—MacDonald & Couchot, 234 Pine St., San Francisco.
It will be built around a patio with dining room, living room and studio overlooking the ocean and other rooms opening onto an enclosed porch with southern exposure.

Concrete Work Bids Being Taken.
RESIDENCE Cost—
PIEDMONT, Alameda Co., Cal., MacKinnon Park Tract.
Two-story and basement frame and stucco residence and garage. (12 rooms)
Owner—Geo. D. MacKinnon.
Architect—Louis M. Upton, 454 Montgomery St., San Francisco.
Bids are now being taken for the concrete foundation. The excavating is being done by Mr. Feeley.

Contract Awarded.
RESIDENCE Cost, $40,000
SAN JOSE, Santa Clara Co., Cal., The Alameda.
Two-story frame and brick residence and garage.
Owner—Frank Wilder.
Architect—Binder & Curtis, 255½ S 1st St., San Jose.
Contractor—R. O. Summers, 17 N 1st St. San Jose.

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Plans Being Prepared
RESIDENCES Cost, $12,000 ea.
SACRAMENTO, Cal.
Four two-story seven and eight-room frame residences.
Owner—Names Withheld.
Architect—Leonard F. Starks, Ochsner Bldg., Sacramento.

Plans Being Figured.
RESIDENCE Cost, $35,000
CAMPBELL, Santa Clara Co., Cal.
Two-story and basement frame and stucco residence and garage.
Owner—J. C. Ainslee, Campbell.
Architect—Wolfe & Higgins, Auzerais Bldg., San Jose.
Figures are being taken for a general contract.

Bids Opened.
RESIDENCE Cost—
BERKELEY, Alameda Co., Cal., Avalon Court.
Two-story and stucco residence and garage. (9 rooms).
Owner—Dr. E. N. Ewer, Federal Realty Bldg., Oakland.
Architect—Claude B. Barton, 364 Staten Ave., Oakland.
A. Cederborg, 1445 Excelsior Ave., Oakland $20,718
F. E. Allen 20,760
E. J. Westlund 20,834
H. P. Nelson 21,330
Bids do not include decorating, wall paper, light fixtures, etc.
Floor, hardwood; heating, steam; interior finish, hardwood; roof, clay tile; tile, glazed.

Contract Awarded.
BUNGALOW Cost, $10,000
LOS GATOS, Santa Clara Co., Cal.
One-story frame bungalow.
Owner—Louis Auzerais.
Architect—Binder & Curtis, 255½ S 1st St., San Jose.
Contractor — W. C. Constable, 3306 School St., Oakland.

Sketches Being Prepared.
RESIDENCE Cost, $16,000
SAN FRANCISCO, St. Francis Wood.
Two-story frame and stucco residence and garage (10 rooms).
Owner—Withheld.
Architect—Walter Falch, Hearst Bldg. San Francisco.

Figures To Be Taken in a Week.
RESIDENCE Cost, $15,000
HOLLISTER, San Benito Co., Cal.
Two-story frame and plaster residence and garage.
Owner—Dr. L. C. Hull, Hollister.
Architect—Wyckoff & White, Growers Bank Bldg., San Jose.

Plans Being Prepared.
RESIDENCE Cost, $15,000
SAN FRANCISCO, St. Francis Wood.
Two-story frame and stucco residence.
Owner—Dr. M. B. Wesson.
Architect — Henry H. Gutterson, 278 Post St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $15,200
PIEDMONT, Alameda Co., Cal., Wild Wood Acres, Lot 3.
Two-story frame residence.
Owner—Harold J. Havre, 276 Adams St., Oakland.
Architect—B. G. McDougall, 381 Bush St., San Francisco.
Contractor—M. P. Brasch, 2734 Ashby St., Oakland.

LA HABRA, Los Angeles Co., Cal.—Glenn Elwood Smith, 411 Central Bldg, Pasadena, is preparing plans for a $50,000, two-story, 16-room frame and hollow tile veneer dwelling to be erected in La Habra by Cedric Brown, 845 Atchison St. Pasadena, for Peter J. Weisel. Foundation, 66x70 ft., stucco exterior, tile roof, iron grilles and balconies, 1 plain and 3 tile baths, 3 fireplaces, billiard room, swimming pool, stables, garage, shops, laundry, refrigerating plant, heating system and 5-room man's cottage.

PASADENA, L. A. Co., Cal.—Daniel Whetstine, 1527 E. Orange Grove, Pasadena, has the contract to erect a $41,850 2-story, 12-room frame dwelling at 850 San Rafael Hts., Pasadena, for W. H. Allan Jr., Johnson, Kaufmann & Coate, Union Bank Bldg., L. A., archts. Foundation 6'x82 ft., shingle rf., hardwood flr., tile baths, cellar, furnace.

NAPA, Napa Co., Cal.—E. W. Doughty, 213 1st St., Napa, granted building permit by city council to erect $18,000 residence in Randolph St., for Mrs. K. R. Beak.

LOS ANGELES, Cal.—A. C. Blumenthal, Loew State Bldg., has purchased 350 ft. frontage on Plymouth Blvd. nr. Wilshire Blvd., upon which three large residences will be erected for San Francisco clients of the Blumenthal Co.

LOS ANGELES, Cal.—Tyler Bennett, 7955 Hollywood Blvd., has been awarded the contract for the erection of several bldgs. to include caretaker's bungalow, barn, garage, and several other small bldgs., at Laurel Canyon, for W. P. Story. Plans by Archts. Ruoff & Munson, 1107 Story Bldg. Frame and stucco, shake rfg., central htg. plant, kind not determined; comp. baths, hard wood floors, large residence to be erected later.

LOS ANGELES, Cal.—Archt. Robert D. Farquhar, 427 Security Bldg., has prepared plans for a two-story residence to be erected at the northeast corner of 5th St. and Muirfield Rd., for Harry M. Eichelberger. It will contain 14 rooms, 4 baths; frame and plaster construction, 106x52 ft., clay tile roofing, hardwood and enam. inter. finish, hardwood floors, tiled baths, unit gas heating system; $65,000. Work will be done by the day and sub-contract.

SCHOOLS

Plans Complete—Bids to be Called for in a Few Days.
SCHOOL Cost, $25,000
PIEDMONT, Alameda Co., Cal. Piedmont Primary School Site.
One-story reinforced concrete and stucco school (4 classrooms and kindergarten).
Owner—Piedmont School District.
Architect—W. H. Weeks, 369 Pine St., San Francisco.

Revised Plans Completed—Bids to be Called For in a Few Days
SCHOOL Cost, $150,000
PIEDMONT, Alameda Co., Cal.
Two and three-story reinforced concrete Intermediate School building.
Owner—Piedmont School District.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
The lowest bids received on April 24th were as follows: General Contract, Hannah Bros., San Francisco, $174,900.
Heating, Scott Co., Oakland, $14,178; Oil burner add, $1480.
Electrical work, E. M. Coffin, Oakland, $4245.
Plumbing, Carl T. Doell, Oakland, $9018.
Cork carpet, D. N. & E. Walter Co., San Francisco, $2695.
Window shades, Sloane Co., San Francisco, $1556.

Plans Being Figured—Bids Close May 29, 1923 8 p. m.
SCHOOL Cost, $30,000
SAN RAFAEL, Marin Co., Cal. West End School.
One-story brick elementary school.
Owner—San Rafael School District.
Architect—Shea & Shea, Chronicle Bldg San Francisco.
Bids are being taken for a general contract.

Contract Awarded.
ADDITION Cost, $23,727
SACRAMENTO, Sacramento Co., Cal., Bret Harte School.
Four-room brick and concrete addition to school.
Owner—City of Sacramento Board of Education.
Architect—Dean & Dean, Library Bldg., Sacramento.
Contractor—Campbell Constr. Co.
Other bidders were:
Fred Betz $24,414
Davison & Nicolsen 24,500
Chas. Mabrey 25,358
H. W. Robertson 25,705
Wm. Murcell 25,778
Herndon & Finnigan 27,052
Holdener Constr. Co. 27,098

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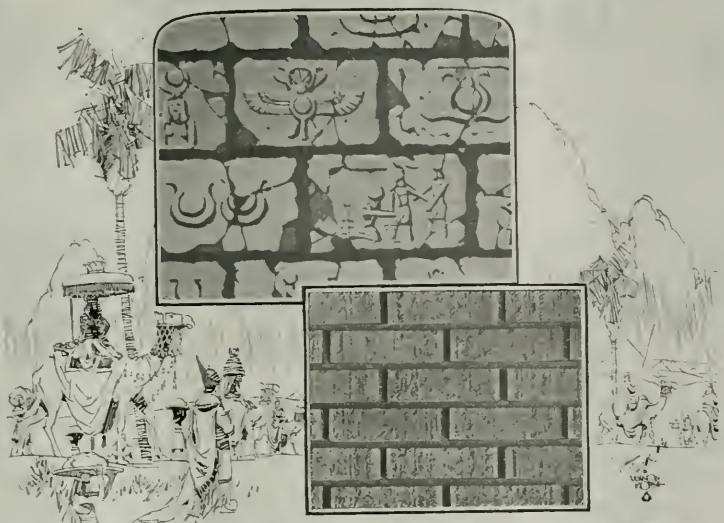

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SHARON BUILDING

TAFT, Kern Co., Cal.—The following bids were received on May 15th by the Board of Trustees of the Taft Union High School District for the construction of three reinforced concrete high school buildings from plans prepared by Architect W. H. Weeks, 369 Pine Street, San Francisco:

Bids are being taken on the following segregated contracts: (1) excavating and grading work; (2) terrazzo work; (3) tile work; (4) mason work; (5) carpenter work, including iron and steel work; (6) glass and glazing; (7) finish hardware; (8) lathing and plastering; (9) composition roofing; (10) terra cotta tile roofing; (11) electrical work; (12) plumbing; (13) sheet metal work; (14) painting and finishing; (15) heating and ventilating.

There were no bids received for the masonry and terrazzo work which will be readvertised immediately.

Contracts were awarded as follows: Excavating, concrete and carpenter work to Olchester, Potter & Kerr, Selma, at $169,300; glass and glazing to W. P. Fuller Co., Beale and Mission Streets, San Francisco, $3760; hardware, Taft Furn. & Hardware Co., Taft, $2612.50; terra cotta tile roofing to Gladding & McBean Co., Crocker Bldg., San Francisco, $2035; composition roofing to Frank P. Smith, $3530.65; electrical work to United Elec. Co., of Taft, on Prop. No. 6, $15,661; painting to R. Zelinsky, 180 Jessie St., San Francisco, $9186; heating and ventilating to Latourrette-Fical Co., Sacramento, $13,729; tile work to A. R. Hendricks, $700; plastering to Chas. Thollander, Taft, $25,100; plumbing and sheet metal work to Gundlach Plumbing Co., Taft, $14,945.

Excavating Concrete and Carpenter

Olchester, Potter & Kerr, Selma awarded at $169,300

Campbell Constr Co., Sacramento. Proposals 1 4 5 6 8 9 10 12 13 14 .....$243,178
(1) $27,458, (2) $90,000.

Larsen -Siegrist Co., S. F., 1 4 5 8 9 10 12 13 14..... 244,887
(1) $25,550, (2) $87,000.

Anton Johnson, Kingsburg, 1 4 5 9 10 14 190,970
(1) $16,606, (2) $70,721.

Cobby & Owsley, S. F., 1 3 4 5 7 199,900
(1) $24,400, (2) $76,000.

Currie & Dulgar, 1 2 3 4 5 6 7 13 219,860
(1) $23,100, (2) $74,000.

W. J. Ochs, 1, 2, 3, 4, 5, 8.....$180,018
(1) $23,066; (2) $70,090.

Tile Work

A. R. Hendricks (1) $700; (2) $200.

Plastering Work

Chas. Thollander (1) $25,100; (2) $13,300.

A. Knowles (1) $28,163; (2) $13,719.

Plumbing

Forderer Cornice Wks. (1) $4527 (2) $1345.

Latourrette-Fical Co. $4750; 1735.

Ruth Ringelman Hardware Co., Taft, (1) $3568; $1335.

W Heldt Cornice Wks., $3784; $1100.

Plumbing and Sheet Metal

Gundlach Plub. Co.....$14,945
$582; $4160.

Latourette-Fical Co. $11,840
$700; $7682.

Standard Plumbing Co.....$13,000
$850; $3105.

Composition Roof

C. E. McMullin $3,847
Alter (1) $520; (2) $739.

Frank P. Smith, San Francisco.. $3,530
$294; $854.

Terra Cotta Tile Roof

Gladding-McBean $2,035

Hardware

Fresno Hardware Co..... $2,766

Taft Furn. & Hardware Co...$2,612.50

Hundley & Mahony $2,900

Glass

W. P. Fuller Co. $3,760
$152; $1251.

Tyre Bros. Co. $3,900
$75; $1200.

Electrical Work

United Elec Co. (1) $1505; (2) $3737; (3) $2198; (4) $1506; (5) $6715; (6) $15,661; (7) $630; (8) $936.

Watts Elec Co. (1) 1580; (2) $4100; (3) $2100, (4) $1200; (5) $8900; (6) $16,800; (7) $850.

Latourrette & Fical Co. (1) $1725; (2) $3708; (3) $2743; (4) $1443; (5) $5980; (6) $15,588; (7) $765.

Painting

R. Zelinsky, San Francisco..... $9186
$322; $2755.

A. A Zelinsky, San Francisco...$11,470
$20, $2900.

Heating and Ventilating

Latourrette-Fical Co. (1) $13,729; (2) $13,977; (3) $2027; (4) $18,133; (5) $2025; (6) $3878; (7) $842; (8) $34,589.

B. A. Newman (1) $13,499; (2) $216; (3) $2480; (4) $18,114; (6) $4090; (7) $840; (8) $35,200.

Standard Plumbing Co. (1) $14,936; (2) $400; (3) $2610; (4) $20,822; (5) $5785; (6) $4105; (7) $884; (8) 39,861.

Standard Plumbing Co. (gas, steam), (1) 4106; (2) $2333; (3) $2658; (4) $401; (5) $17,600; (6) $1850.

Combination Bid
(Plumbing, Sheet Metal, Heating and Electrical

Latourrette-Fical Co. Sheet Metal and Plumbing. $64,800
Prop. 1, 4. 6.....$34,589

Contracts Awarded.

SCHOOL Cost, $80,000

OAKLAND, Alameda Co., Cal., Grove & 21st Streets.

Two-story brick private school (six classrooms, auditorium, small assembly hall, lecture hal, etc.)

Owner—St. Francis De Sales Church, Rev. F. X. Morrison, Pastor, NE Grove and Hobart St., Oakland.

Architect—Jas. W. Plachek, 2014 Shattuck Ave., Berkeley.

Supt. of Constr.—J. J. Power, 774 20th St., Oakland.

Concrete Work — F. E. Nelson, 3090 King St., Berkeley, $3300

Plastering to Wm. Makin, 1048 Excelsior St., Oakland, $6380.

Brick and Cast Cement to Mealey & Collins, 180 Jessie St., S. F., $15,833.

Steel & Iron to Wethington Iron Works $1975.

Plumbing to Frank A. Gottstein, 583 5th St., Oakland, $3400.

Steam Heating and oil plant to J. E. O'Mara St., S. F., $3690.

Figures To Be Taken Shortly.

SCHOOL Cost, $8000

CALLA, San Joaquin Co., Cal.

Frame school.

Owner—Calla School District.

Architect — Davis-Heller-Pearce Co., Stockton.

Bids to be Called For Shortly.

SCHOOL Cost, $35,000

SACRAMENTO, Sacramento Co., Cal. Riverside School Site.

One-story frame and stucco school building with tile roof.

Owner — City of Sacramento School District.

Architect — Woollett & Lamb, Hagelstein Bldg., Sacramento.

Plans Being Figured—Bids Close June 6, 1923, 3 P. M.

SCHOOL Cost, $250,000

SAN FRANCISCO, E. Powell bet. Francisco and Chestnut Sts.

Reinforced concrete school (21 classrooms and auditorium).

Owner—City & County of San Francisco

Architect—John Reid Jr., 1st National Bank Bldg., San Francisco.

Bids are being taken for the following segregated contracts

General contract, estimated at $220,000.

Plumbing, $10,500.

Heating and ventilating, $10,000.

Electric wiring, $7800.

Plans may be obtained from the Board of Public Works, City Hall. The funds for this school will be derived from the budget.

Plans Being Figured—Bids Close May 21, 1923, afternoon.

SCHOOL Cost, $—

SAN FRANCISCO, 8th ave. and Geary.

Three-story reinforced concrete school for Star of the Sea.

Owner — Roman Catholic Archbishop, 1100 Franklin St., S. F.

Architect—J. O. Lofquist, 1100 Franklin St., San Francisco.

LOS ANGELES, Cal.—Architect A. S. Heineman, 831 San Fernando Bldg., Los Angeles, is completing plans for a school buildin, to be erected at Third St. and Las Palmas Ave., for Cumnock School for Girls. It will be 2-sto, English style, about 250x60 ft., built around a court, brick and concrete construction, slate roofing, hardwood floors, gas heating, unit storage water heater; will contain auditorium to seat 800 people, 12 classrooms and 50 dormitory rooms, with kitchen and dining room; $200,000. Bids will be taken in about 2 weeks.

REDWOOD, City San Mateo Co., Cal.—Until May 28, 3:30 P. M., bids will be rec. by Thos. O. Heydenfeldt, Clerk, Sequoia Union High School District, for fur. light fixtures and auditorium opera chairs for high school. Coffey & Werner, Architects, 312 Humboldt Bk. Bldg., San Francisco. **See call for bids under official proposal section in this issue.**

LOS BANOS, Merced Co., Cal.—Until May 28, 2 P. M., bids will be rec. by S. B. Dismukes, Clerk, West Side Union High School District, to erect science building, including works. Ernest J. Kump Co., Architects, Rowell Bldg., Fresno. **See call for bids under official proposal section in this issue.**

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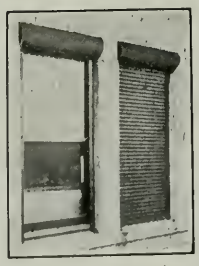

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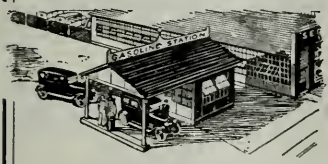
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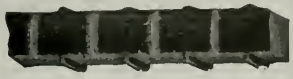

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SEDRO WOOLEY, Wash.—Henricksen & Alstrom, Seaboard Bldg., Seattle at $116,450 awarded contract to erect 2-story brick, 24-classroom and auditorium high school for High School Dist. No. 4. Plumbing awarded to Pringle Plumb. & Htg. Co., Seaboard Bldg., Seattle, $6400; elertric work to Electric Construction & Sales Co., Everett, Wn., $4624. Pringle Plumb. & Htg. Co. low for heating at $20,900 with alt. bid of $19,510, these being taken under advisement. Stephen, Stephen and Brust, architects, New York Block, Seattle.

LA HABRA, Orange Co., Cal.—Until 8 p. m., May 24, new bids will be rec. by trustees of La Habra school dist. for erecting a new school bldg. at La Habra, Orange county. Jeffery & Schaefer, 1106 Kerckhoff Bldg., L. A., archts. The bids previously received on segregated contracts were rejected. Bids are now being taken separately on the general contr., plumbing, painting, wiring, and heating. The bldg. will contain 8 rooms, brick constr., 1-story, 101x171 ft., basement, clay tile rfg., pine trim, marble work, steam htg.; $55,000.

LOS ANGELES, Cal.—Until 9 a. m., May 23, bids will be received by the L. A. board of education for the following school work:

For erecting an addition to the Pacoima school bldg. Arthur W. Angel, archt.; brick constr.; $32,000. Separate bids for general work, plumbing, heating, painting and wiring.

For constructing additions and alerations to the California St. school bldg. California St., bet. Hill St. and Grand Avenue.

For installing a heating system in the new Wilshire junior high school bldg., Wilshire Blvd., near Highland Avenue.

For erecting a shop bldg. at Lafayette junior high school site, 12th St., bet. Naomi and Hooper Aves.

Until 9 a. m., May 30 bids will be rec. by the board for erecting new school bldgs. as follows:

For erecting a new bldg. at Sawtelle Blvd., school site, n. w. cor. 4th St. and Nebraska Ave.; plans by architectural dept of board of education, Edgar H. Cline, archt. Brick construction; $84,000

For erecting an addition at Bridge St. school site, n.e. cor. Bridge and Echandia Sts.; Hudson & Munsell, architects. Brick constr.; $63,000.

For erecting a new bldg. at Bandini St. school site, s. w. cor. Bandini and Oliver Sts., San Pedro. Francis D. Rutherford, archt. Brick constr., $84,000.

Until 9 a. m., June 1, bids will be received by the board for the following school work:

For erecting an addition to the Los Feliz school bldg., n. e. cor. Hollywood Blvd. and New Hampshire Ave.;

For installing a heating system in new Cienega school bldg.; n. w. cor. West Adams St. and 30th Ave.

Plans and spec. for the above work may be obtained at secy's office, 730 Security Bldg.

General Contract Awarded—New Bids Called For Heating

HEALDSBURG, Sonoma Co., Cal.—The following bids were opened on May 9th, by the Board of Trustees of the Healdsburg Grammar School District for the construction of a brick, steel and concrete school building to contain six classrooms and an assembly hall, also the remodeling of the present school building. Louis S. Stone, 1211 Webster street, Oakland, is the architect. The general contract was awarded to Ward & Jones, 180 Jessie St., San Francisco. All bids for the heating were rejected and new bids will be received until May 29, 1923, at 4 o'clock P. M.

General Contract

Ward & Jones, S. F.	$57,890
Hannah Eros.	58,228
F. W. Maurice, Oakland	63,977
Chas. Stockholm & Son, S. F.	68,789
R. W. Moller, S. F.	69,335
Lawton & Vezey, S. F.	69,582
Hayes-Oser Co., S. F.	78,960

Heating

E. Gnekow, Stockton	$8,273
Scott Co., Oakland	8,388
E. W. Gratton, Healdsburg	8,423

PETALUMA, Sonoma Co., Cal.—Bids will be asked immediately by Board of Education to erect two fire escapes on Washington grammar school buildings, est. cost, $1,000.

SISSON, Siskiyou Co., Cal.—J. F. Mackey, Sisson, awarded contract to erect new Sisson grammar school. Will be of concrete construction, containing six classrooms and auditorium. The present school will be remodeled for community meeting purposes.

MODESTO, Stanislaus Co., Cal.—Board of Education rejects bids for heating two grammar schools and junior high school and new bids will be asked immediately from revised specifications which will provide for the installaton of an electric heating system, the power to be furnished by the Modesto Irrigation District, through its Don Pedro project. Plans were prepared by Architects J. J. Donovan, Davis-Heller-Pearce Co. and J. H. Hoose. The architect on the high school is W. H. Weeks, 369 Pine St., San Francisco.
(44587) 1st report Dec. 21, 1922; 6th

SAN DIEGO, Cal.—Until May 28, bids will be received by high school board of education, 601 Southern Title Bldg., for 15-ft. oil burner range and other minor equipment for the San Diego high school. Will Angier, Clerk.

SAN LEANDRO, Alameda Co., Cal.—Until May 28, 2:30 P. M., bids will be rec. by Chas. A. Jeffrey, Clerk, San Leandro School District, for fur. one or more portable school buildings. Cert. Check 10% payable to clerk. Spec. and further information obtainable from clerk.

COMPTON, L. A. Co., Cal.—Until 7:30 p. m., June 1, bids will be received by trustees of Compton City School Dist. for erecting a new school bldg. on Orange St. near Locust St., Compton; Arthur W. Angel, 2136 1st St., L. A., archt. Bids will be taken separately on the general work, plastering and plumbing. The bldg. will be 1-story and will contain 5 class rooms; plas. exter., tile and comp. rfg.

PASADENA, L. A. Co., Cal.—Contracts were awarded as follows: C. G. Wopschall, 360 S Raymond Ave., Pasadena, general contract $146,760, E. Drawbaugh, painting; W. F. Creller, plumbing; Munger & Munger, heating and ventilating; and the H. L. Miller Co., wiring on deductions for alternates. Allison & Allison, Hibernian bldg., Los Angeles, archts. Brick constr., stucco exter., clay tile rfg., hardw. fls., pine trim.

WOODLAND, Yolo Co., Cal. — City Board of Education contemplates erection of new gymnasium and manual training building at Woodland high school. W. M. Hyman, secy. of high school board.

OROVILLE, Butte Co., Cal.—Oroville Board of Education votes to call election to decide question of levying a direct tax of $15,000 to erect a manual training, domestic science and gymnasium quarters in Bird Street School property. W. W. Reece, secy of Board.

PRATT'S CONCRETE MIX

Clarence Sand Pratt

IN LAST Sunday's Examiner.
IN THE automobile section.
WAS A photograph.
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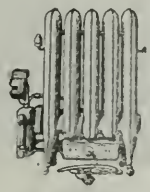

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CORVALLIS, Ore. — Architect Lee Thomas, U. S. Bank Bldg., Portland, completes plans and bids will be asked shortly to erect two schools in this city; one 8-classroom unit, 2 story 70x100 ft. est. cost $30,000 and another 4-classroom, 60x100 ft., one story, $25,000, both of concrete construction trimmed with cast stone.

DINUBA, Tulare Co., Cal.—As previously reported, G. A. Graham and Son, Dinuba, at $37,674 awarded contract to erect Windsor School, 4-classroom with auditorium seating 450; pressed brick exterior. Other bids were: J. B. Hart, Fresno, $40,200; J. F. Patterson, Dinuba, $40,437; S. N. Chase, Dinuba, $40,706; Miller and Wyatt, Fresno, $42,925.

PORTLAND, Ore.—A. Pajunen, 1063 E-Davis St., Portland, at $116,000 submits low bid to School Directors to erect U. S. Grant High School; Knighton & Howell, Architects, U. S. Bank Bldg., Portland. Alaska Heating & Plumbing Co., low for heating and ventilating at $32,600; Fox & Co., for plumbing, $26,927 and National Electric Co., at $15,940 for electric wiring. Taken under advisement.

PASADENA, L. A. Co., Cal.—C. G. Wopschall, 360 S Raymond Ave., Pasadena, was the low bidder at $146,760 on the general contract for erecting the new vocational school at Pasadena; Allison & Allison, 1405 Hibernian Bldg. archt. Low bidders on the other contracts were; E. Drawbaugh on painting at $7350; W. F. Crellen on plumbing at $10,464; W. E. Langstaff on wiring at $8300; and Munger & Munger on heating and ventilating at $15,384. Bids were taken under advisement but contracts will probably be awarded to the low bidders. Bldgs. will be of brick constr., stucco exter. finish, clay tile rfg., hardwood fls., pine trim. The bids received on the general contract were as follows: C. G. Wopschall, $147,353 for brick constr. and $146,760 for hollow tile constr; H. E. Tabor, $149,930 and $147,930; Anton Johnson, $155,000 and $153,000; C. J. Muller, $158,241 and $150,851.

SAN BERNARDINO, Cal.—George Herz, San Bernardino, was awarded contr. for building the new F St. and Riley schools, using metal lath for inte. The bid on the F St. school was $76,588 and on the Riley school, $42,045.

The F St. bldg. will be of reinf. concr. constr., art stone entrance, Spanish Renaissance type architecture, with Granada varicolored tile roof; 2-sto. and contain 15 classrms., teacher's room, lavatories, etc.; dimensions, 180x56½ ft. Other contracts awarded on this bldg. were: Wiring to C. F. Ruhnau, at $2735; wiring to Prest Electric Co., at $1270.

The Riley school bldg. will be of English style, 180x54½ ft., 1-sto. and contain 6 classrms., kindergarten and assembly hall. Other contracts awarded on this bldg. were: Wiring to Prest Electric Co., at $838; painting to C. F. Ruhnau at $1585; Howard E. Jones, 405 Katz Bldg., San Bernardino, is the archt. for both structures.

HUNTINGTON PARK, Cal.—See "Machinery and Equipment," this issue.

SAN LUIS OBISPO, Cal.—W. J. Smith San Luis Obispo, at $28,866 awarded contract by San Luis Obispo School District to erect one-story frame and masonry school. Other bids: B. O. Larsen, Atascadero, $33,840; Davis Construction Co., Santa Maria, $36,575; G. A. Graham, $31,300; Appleton & Davis, Atascadero, $29,281; Wm. Lane, Paso Robles, $31,980.

Williams Radiator Co., Pacific Mutual Bldg., Los Angeles, at $1066 awarded contract for heating. Other bids: Coast Radiator Co., $1218.90; Hammell Radiator Co., $1200.

C. L. Passmore, 1439 Hayworth, Los Angeles, at $2700 awarded contract for tile roofing. Other bids: Gladding McBean Co., $2645; Appleton & Davis, Atascadero, $2720.

Bids for equipment have been taken under advisement.

STRATFORD, Kings Co., Cal.—School trustees will purchase 5 acres adjoining present grammar school on which it is proposed to erect $50,000 school.

BURLINGAME, San Mateo Co., Cal.—Until May 28, bids will be rec. by J. R. Murphy, clerk, San Mateo Union High School District, to install clock and bell system in Burlingame High School. Spec. obtainable from above.

SALEM, Ore.—Arch. E. E. McClaran, Exchange Bldg., has completed prel. sketches for boys. dormitory at feeble minded institution at Salem; will be 58 by 144 ft., rein. conc. construction; Del Monte white sand and white cement stucco exterior; 2 stories with basement est. cost $45,000.

PHOENIX, Ariz.—St. Mary's Catholic school plans to expend about $225,000 on school facilities this year. The program includes $150,000 school at Third and Monroe Sts., a $75,000 school bldg. for Mexicans, one unit of which will be built this year, and a $12,000 grammar school on Maricopa St., bet. 6th and 7th Aves.

MONTEBELLO, L. A. Co., Cal.—Until 8 p. m., May 26, bids will be received by trustees of Montebello high school dist. for constructing conc. found. and other conc. work for new high school bldg. at Montebello; Jeffery & Schaefer, 1106 Kerckhoff Bldg., archts. The bldg. will be 315x64 ft. with a central auditorium wing, 150x75 ft.

TURLOCK, Stanislaus Co., Cal. — Keyes School District, at recent election, voted bonds of $24,000 to erect new school, on site yet to be selected.

STOCKTON, San Joaquin Co., Cal.—Until May 31, 4:30 P. M., bids will be rec. by Ansel S. Williams, Sect'y., Board of Education, Lindsay and San Joaquin streets, for fur. and del. 225 pupil's desks. Spec. and further information obtainable from secretary.

SEATTLE, Wash.—Architect J. L. McCauley, New York Block, commissioned to prepare plans for 2-story and basement, 120 by 108 ft., business college to be erected at n. w. Lenora and Second Ave. for Wilson Modern Business College. Will be mill construction, trimmed with terra cotta.

LOS ANGELES, Cal.—Until 9 a. m., June 1, bids will be received by the board of education for the following school work:

For installing electric wiring for new Griffin Ave. school bldg.; Griffin Ave., bet. Darwin Ave. and Mozart St.;

For installing electric wiring in new 75th St. school;

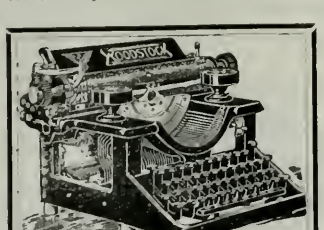
For erecting a new bldg. on Lorena St. school site, Lorena St., bet. 7th and Atlantic Sts.; H. C. Deckbar, archt.; 12-rooms, brick constr.; $84,000.

For erecting new high sehhool bldg. at Torrance; Farrell & Miller, archts.; brick constr.; $150,000;

For installing gas rads. in shop bldg. at Gardena high school site.;

For erecting a sanitary bldg. at Figueroa St. school site.

Plans and spec. for the above work may be obtained at the secy's office, 730 Security Bldg.



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LOS ANGELES, Cal.—C. E. Downs, 2305 Maple Ave., was low bidder at $61,148 on the gen. contr. for erecting a new school bldg. at Cienega school site; Ross Montgomery, archt. Low bidders on other contracts were: E. W. Crowell on plumbing at $6345; W. H. Nicholas Elec. Co. on wiring at $2888; and Leo H. Hubbert on painting at $2800.

LOS ANGELES, Cal.—C. E. Downs, 2305 Maple Ave., was low bidder at $64,419 on the gen. contr. for erecting a new school bldg. at Green Meadows school site; Krempel & Erkes, archts. Low bidders on other contracts were: Leo H. Hubbert on painting at $2665; Amer. Elec. Constr. Co. on wiring at $4200; Frank Davidson on heating at $5640 and E. W. Crowell on plumbing at $5589.

LOS ANGELES, Cal. — Bertelsen & Schuldt, 950 Stanford Ave., were low bidders at $49,210 for erecting a new school bldg. at Glen Alta school site; John R. Kibbey, archt. Low bidders on the other contracts were: E. W. Crowell on plumbing at $4464; Frank Davidson on heating at $5500; Leo H. Hubbert on painting at $1988; and Amer. Elec. Constr. on wiring at $3230.

LOS ANGELES, Cal.—C. E. Downs, 2305 Maple Ave., was low bidder at $67,714 on the gen contr. for erecting a new bldg. at 97th St. school site; Paul C. Pape, archt. Low bidders on other contracts were: E. W. Crowell on plumbing at $6234; Western Engr.-Constr. Co. on heating at $7500; Amer. Elec. Constr. Co. on wiring at $4264; and Leo H. Hubbert on painting at $2041.

LOS ANGELES, Cal.—Larsen-Siegrist Co., Loew State Bldg., has been awarded the gen. contr. at $178,822 for erecting a new auditorium and administration bldg., at Alhambra high school site; Hunt & Burns, 701 Laughlin Bldg. archts. Other contracts have been awarded as follows: Art stone work to Spanish-American Fine Arts Studio at $6950; sheet metal work to Hodge Sheet Metal Works at $4207; plastering to J. B. Rickert at $20,300 for gunite exter.; painting to Alhambra Wall Paper & Paint Co. at $4998; plumbing to So. Pasadena Plumbing Co. at $11,932; hardware to Bennett-Montgomery Hardware Co. at $5692; electric wiring to S. & H. Service Co. at $16,955; blackboards to T. N. Fierce at $2310; steel partitions to J. E. Dwan at $1254. The bldg. will contain an auditorium to seat 2000 people, 2-story, 95x170 ft., and two classroom wings, each 60x120 ft.; brick constr., plas. exter., cast stone trim, comp. rfg., pine trim.

LOS ANGELES, Cal.—Archt. Ley L. Smith, 218 Byrne Bldg., has completed plans for a new school bldg. to be erected on Oakwood Ave., near Alexandria Ave. It will contain 12 rms.; 2-sto., 87x119 ft., brick constr., clay tile rfg., pine trim, reinf. conc. corridor fls. and stairways; $84,000. The board of education will advertise for bids shortly.

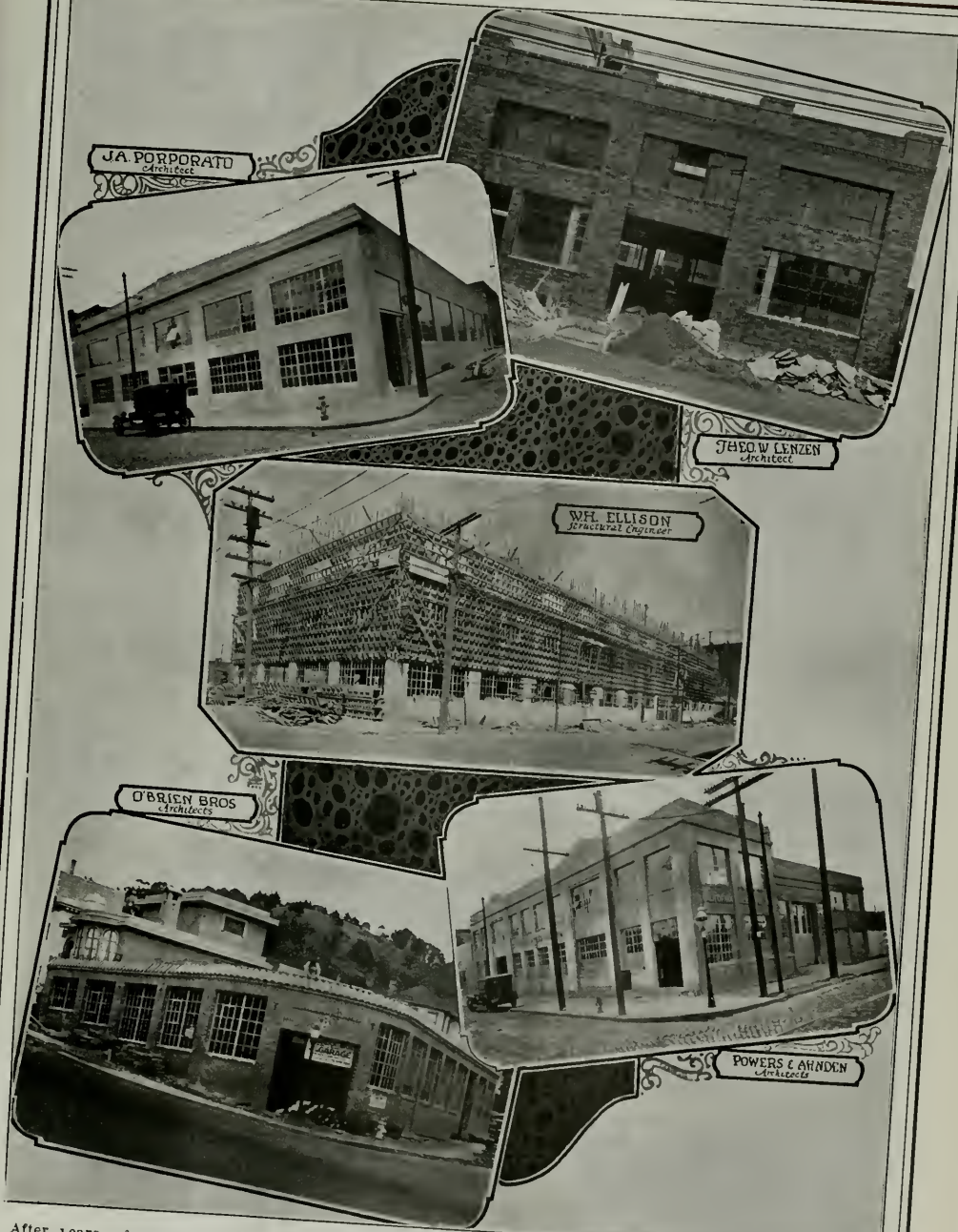
EUREKA, Humboldt Co., Cal.—Until May 22, bids will be rec. by Ernest M. McKee, Clerk, McKee's Mill School District to erect 2-classroom school. A separate bid will be rec. for superintending and inspection of construction. Plans on file in office of County Sup't. of Schools at Eureka.

BANKS, STORES & OFFICES

Contract Awarded.

MARKET BLDG. Cost, Approx $8000
SAN FRANCISCO. N Clement Street near Sixth Avenue.

One-story reinforced concrete market, 30x100.
Owner—Wm. Kaye.
Architect—O'Brien Bros., 315 Montgomery St., San Francisco.
Contractor—D. L. Bienfield, 1405 Clement St., San Francisco.



After years of experience New York found the best way to protect **STEEL SASH** against **RUST** was to **HOT GALVANIZE** it.

The owners of these buildings are profiting by that experience and the Steel Sash shown here was **Hot Galvanized** by the **SAN FRANCISCO GALVANIZING WORKS**, 1176-1180 Harrison Street, San Francisco, Calif.

Plans Being Prepared.
Segregated Figures To Be Taken Next Week.
STORE Cost, $18,000
OAKLAND, Alameda Co., Cal., Piedmont Ave.
Two-story brick and stucco store bldg., terra cotta tile work.
Owner—Firestone Tire & Rubber Co.
Architect—Clay N. Burrell, 1st Trust Bldg., Oakland.

Plans Being Prepared—Figures to be Taken in Two Weeks.
ALTERATIONS Cost, $60,000
SAN LUIS OBISPO, CAL. Garden St.
Remodel two-story reinforced concrete building for bank.
Owner—Bank of Italy.
Architect — Righetti & Hirshfeld, 12 Geary St., San Francisco.
Work will be done by segregated contract under the supervision of Wm. Cuneo of the Bank.

Bids to be Asked Shortly.
STORES, ETC. Cost, $——
PETALUMA, Sonoma Co., Cal. Washington St. near Kentucky St.
Two-story brick stores and (7) offices 45 ft. frontage.
Owner—Harry Herold, Petaluma.
Architect—Brainerd Jones, 110 Washington St., Petaluma

Plans Being Prepared—Contract Let.
STORES & OFFICES Cost, $175,000
HANFORD, Kings Co., Cal., Fourth & Irwin Streets.
Two-story and basement brick and concrete stores and offices, 75 by 150 ft.
Owner—F. N. Isaacs, Hanford, Calif.
Architect & Contractor — Trewhitt-Shields Co., Rowell Bldg., Fresno.

Plans Being Prepared.
STORE BLDG. Cost, $10,000
OAKLAND, Santa Clara and Walsworth
One-story frame and stucco stone bldg. (4) stores.
Owner—L. R. Gray.
Architect — W. E. Schirmer, Thayer Bldg., Oakland.

Plans Being Prepared.
STORES Cost, $——
SAN FRANCISCO, SW Van Ness Ave. and Union Streets.
Fireproof store building.
Owner—Sutton & Cohn.
Architect—August G. Headman, Call Bldg., San Francisco.

Completing Plans—Bids To Be Called For In Three Weeks.
OFFICE BLDG. Cost, $375,000
SAN JOSE, Santa Clara Co., Cal., N First Street.
Ten-story class A brick and terra cotta office building.
Owner—Commercial Building, Inc.
Architect—Binder & Curtis, 255½ S 1st St., San Jose.

Plans Being Prepared.
STORE & LOFT. Cost $—
OAKLAND, 17th St. & Telegraph Ave.
Four-story reinforced concrete store and loft bldg.
Owner—A. F. Edwards.
Lessee—Healds Business College.
Architect — Reed & Corlett, Oakland Bank of Savgs. Bldg., Oakland.

Plans Being Prepared.
STORE. Cost $20,000
B ST., BETWEEN 1ST AND 2ND, San Mateo, Cal One-story reinforced concrete store bldg., 25 x 125. (1 store)
Owner—E. C. Cottier.
Architect—Mitchell-Jackson, 170 2nd St., San Mateo.
NOTE—Bids will be taken in two weeks for a general contract.

Plans Being Prepared.
STORE & OFFICE Cost, $40,000
BERKELEY, Shattuck Ave. & Haste St.
Two-story reinforced concrete store and office building.
Owner—F. E. Romie and L. R. Wilson.
Architect — Hutchison & Mills, 1214 Webster St., Oakland.

Segregated Figures Being Taken.
SHOW WINDOWS Cost, $20,000
OAKLAND, Alameda Co., Cal. Broadway.
Show windows for store.
Owner—Roos Bros.
Architect—S. Heiman, 57 Post St., San Francisco.

LOS ANGELES, Cal.—H. Citrin, prop. of Citrin's Cloak & Suit House, 516 W. 7th St., has purchased property on Hollywood Blvd. near Wilcox Ave. and contemplates the erection of a five-story Class A building for his store. The site is 68x172 ft. and the building will cost about $500,000. The lease on the present building expires Jan. 1, 1924.

FRESNO, Fresno Co., Cal. — K. H. Nishkian, Fresno, purchases site at Broadway and Vrooman Sts., and will erect fireproof building, 50 by 150 ft., to contain five stores; est. cost $15,000. Will have pressed brick front.

SAN GABRIEL, Los Angeles Co., Cal. —Walter P. Temple and Milton Kauffman, Title Ins. Bldg., have purchased 300 acres est of San Gabriel and will establish a townsite to accommodate 5000 people. A two-story Class C business building will be erected upon each of the four main corners in the business district. The cost will be $200,000. Walker & Eisen, 325 Pacific Fnance Bldg., are the architects. The new city will be called the Town of Temple.

INGLEWOOD, Los Angeles Co., Cal.—Archt. G. A. Howard, Jr., 820 Story Bldg., has prepared plans and is taking bids for erecting a new bank bldg. at Inglewood for the First National Bank of that city. Dimensions, 75x75 ft., basement for heating plant, mezzanine story, brick walls, cast stone or terra cotta and ruffled brick exter., plate glass, steel beams, comp. rfg., hardwood fixtures, marble and tile fls., marble wainscot, bronze grilles, steel vauts.

LOS ANGELES, Cal.—Archts. Walker & Eisen, 325 Pac. Finance Bldg., are preparing plans for a 12-story and basement class A store and office bldg. to be erected at s.e. corner Hollywood Blvd. and Vine St. for Taft Realty Co. Dimensions, 120x137 ft., stores in first story and 29 offices on each of the upper fls.; reinf. conc. constr., face brick and terra cotta exterior, plate glass, marble and tile work, hardwood inter. trim, 3 elevators, steam htg., vacuum cleaning, ornam. iron; cost, $850,000.

FRESNO, Cal. The San Joaquin Light & Power Co. have awarded a contract to the Bonded Floors Co., 625 Market St., S. F., at $17,731 for linoleum in their new office building under construction in Fresno. David E. Kennedy, Inc., Sharon Bldg., S. F., were awarded contract for linotile at $5226.

WENATCHEE, Wash.—Powell-Sanders Co., Glenn B. Powell, president, is having plans prepared for a three-story fireproof store, office and loft building, 108 by 50 ft., to be erected at the SW corner of Columbia and Kittitas Sts Est. cost, $100,000.

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LOS ANGELES

PORTLAND, Ore.—U. S. National Bank has commissioned Architect A. E. Doyle, Worcester Bldg., Portland, to prepare preliminary plans for a 24-story fireproof bank and office building to be erected at the NE corner of Broadway and Stark streets. Construction will not be started before January, 1924.

LONG BEACH, L. A. Co., Cal.—C. T. McGrew & Sons, 1345 W Ocean Blvd., Long Beach, have the contract to erect a $53,789, 1-story, mezzanine, high ceiling and full basement auto salesrm. and service bldg. at n.w. cor. 6th St. and American Ave., Long Beach, for Spencer Kennelly. H. R. Bradley bid $56,800; Joe Clayton, $60,000; J. D. Sherer, $72,000. Berry & Parker, Horne Bldg. Long Beach, drew the plans.

VISALIA, Tulare Co., Cal.—American Railway Express Co., R. G. Harrison, Visalia representative, will erect $15,000 office building at Oak and Garden streets. Plans will be prepared by the Engineering Department of the company.

YUBA CITY, Sutter Co., Cal.—Geo. F. Otis will erect one-story, 10 by 32 ft. market building in Bridge street to be leased to California Market who will install a refrigerating plant.

LOS ANGELES, Cal.—J. E. Crawford, of Metcalf & Ryan, Pac. Finance Bldg., is organizing a syndicate to erect a limit, height class A office bldg. on Grand Ave., bet. 5th and 6th Sts. The site, which has recently been purchased is 149x137 ft. The bldg. will cost $1,000,000.

LODI, San Joaquin Ca, Cal.—H. N. Madison, 14 S-School St, Lodi, will erect one-story and basement brick, 40 by 100 ft., store building in S-School street to be leased to the Woolworth Stores, Inc. Will have pressed brick exterior. Construction will be done by day work under the personal supervision of the owner.

OROVILLE, Butte Co., Cal.—Company crews of Hutchinson Lumber Co., are erecting a 1½-story frame and plaster, 68 by 122 ft., office building adjoining the present quarters.

THEATRES

New Plans Being Prepared.
THEATRE Cost, $350,000
SACRAMENTO, Sacramento Co., Cal. K St, bet. 9th and 10th Sts.
Class A theatre.
Owner—Paramount Corp.
Architect—Leonard F. Starks, Ochsner Bldg., Sacramento.
Directors of the incorporation are: Geo. W. Peltier, Herbert L. Rothchild of San Francisco, J. A. Partington of San Francisco, A. D. Williams of Sacramento; B. F. Vandenberg Jr., of Sacramento, Fred W. Kiesel of Sacramento and Isador F. Morris of Sacramento.
It is planned to start construction in August.

NAPA, Napa Co., Cal.—See "Schools," this issue. Napa Union High School District; stage equipment.

MISCELLANEOUS BUILDING CONSTRUCTION

Sub-Figures to be Taken Shortly.
TOWNSITE BLDGS. Cost, $——
GERLAC, Nevada.
Townsite, including reinforced concrete hotel, cottage, mill, auditorium, etc.
Owner — Pacific Portland Cement Co., Pacific Bldg., San Francisco.
Architect—Weeks & Day, California Insurance Bldg., San Francisco.
Contractor — Cahill Bros., 110 Sutter St., San Francisco.
The branch railroad of the Western Pacific Co. is about completed.
There is also included in the work a 5 mile wire rope tramway, pipe lines for water and sewer system, etc.

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To Prepare Plans.
EXHIBIT BLDG. Cost, $120,000
STOCKTON, San Joaquin Co., Cal.
County Fair Grounds.
One-story steel and concrete exhibit bldg. for agricultural implements.
Owner—San Joaquin County.
Architect—Wright & Satterlee, Bank of Italy Bldg. Stockton.

Contract Awarded.
BARNS Cost, $25,000 approx.
STOCKTON, San Joaquin County Fair Grounds.
Cow and sheep barns and mechanical exhibit building.
Owner—San Joaquin Co.
Architect—Wright & Satterlee, Bank of Italy Bldg., Stockton.
Contractor—De Atley & French, 207 W Poplar St., Stockton.

Plans Being Figured—Bids Close May 22, 1923, 10 a. m.
ADDITION Cost, $—
SACRAMENTO, Cal.
One-story steel and reinforced concrete addition to Jeffery Shops.
Owner—Western Pacific Railroad Co., Mills Bldg., San Francisco.
Architect—Engineering Dept. of owner.

NAPA, Napa Co., Cal.—Until May 28, 8 P. M., bids will be rec. by Howard E. Roper, Clerk, Napa Union High School District, to fur. and install stage curtains and scenery in Napa high school, bids to be rec. on (1) one velour curtain; (2) one asbestos curtain; (3) alternate settings of stage scenery. Spec. obtainable from O. R. Hull, principal of high school. Details of Proscenium Arch and stage loft obtainable from W. H. Weeks, Architect, 369 Pine St., San Francisco. Cert check 10% payable to W. H. Gordon, Pres. Bd of Trustees, Napa Union High School Dist. req. with each bid.

FRESNO, Fresno Co., Cal.—Until June 11, 5 P. M., bids will be rec. by L. L. Smith, Sec'y. Board of Education, Technical School Bldg., to const. green house, 25 by 41 ft. or iron frame and glass construction. Separate bids desired for heating. **See Call for bids under official proposal section in this issue.**

DINUBA, Tulare Co., Cal.—S. N. Chase, Dinuba, at $4,467 awarded cont. by city trustees to erect city pump and electrolier station. Other bids Spaith & Payne, Dinuba, $4,850; J. F. Patterson, Dinuba, $4,635. Friend & Kimzey, architectural designers, 194 W-Tulare St., Dinuba.

HOLLISTER, San Benito Co., Cal.—Until June 4, 2 P. M., bids will be rec. by Elmer Dowdy, County Clerk, to paint the Bird Creek and Tres Pinos bridges. Cert check 10% payable to Chair. Bd. Sups. req. with each bid. Spec. obtainable from Clerk.

LOS ANGELES, Cal.—Archt. John M. Cooper, 320 Marsh-Strong Bldg., is preparing plans and will erect a 5-story and basement class A bldg. at s.w. cor. of 8th and Santee Sts., for Stewart-Dawes Shoe Co. Dimensions, 90x100 ft., reinf. conc. constr., plas. exter., steel sash, comp. rfg., 2 elevators, basement sprinkler system; cost $150,000.

SAN FRANCISCO, Cal. — The State Board of Harbor Commissioners opened bids on May 14th and awarded the contract to The Peters Construction Company, Atlas Building, for the constduction of buildings and bins for a grain terminal at Islais Creek, on the waterfront of San Francisco. Plans were prepared by Engineer Frank G. White. Following is a complete list of bids:

Peters Constr. Co., S. F.	$16,480
Schultz Constr. Co., S. F.	19,950
Renner Foundation Co., S. F.	20,985
L. J. Cohn, S. F.	21,678

REDDING, Shasta Co., Cal.—Southern Pacific Co. has appropriated $45,000 to construct passenger and freight station.

SAWTELLE, L. A. Co., Cal.—Until 12 o'clock noon, May 31, bids will be received by Major Geo. T. Baggott, Soldiers' Home, for erecting an extension to the nurses' home at the Soldiers' Home. Plans and spec. may be obtained on application to his office.

LOS ANGELES, Cal.—Archt. Robert H. Orr, 1300 Corporation Bldg., is preparing plans for a nurses' home, to be erected at 1322 N Vermont Ave., for the Hollywood Hospital Co.; will contain accommodations for 80 nurses, with social parlors, reading rm., etc. Frame constr., 2-story and basement, plaster exter., tile rfg., hardwood fls., tile baths gas rad. htg., metal lath.

SAN DIEGO, Cal.—Archt. Edwin C. Thorne, 620 Western Mutual Life Bldg., L. A., is preparing plans for a stage depot to be erected at 1st, 2nd and E Sts., San Diego, for the Motor Transit Co. Brick, 1-sto. 100x100x200 ft., concr. fls. with mastic surface, press. brick facing, art stone trim, Summerbell rf. trusses, clay tile and comp. rfg., steel sash, gas steam rads., water htr., metal skylights; will contain rest rooms, lobby and waiting rooms and quarters for chauffeurs; cost $90,000.

LOS ANGELES, Cal.—Macdonald & Kahn, Loew State Bldg., have the contract to erect a 2-story brick studio bldg. on Figueroa St., bet. 8th and 9th Sts., for Raymond C. Gould. Dimensions 50x155 ft., face brick, plate glass, comp. rfg., metal skylights, conc. and wood fls.; Swasey & McAfee, Hibernian Bldg. archts.; $50,000.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Further information regarding these opportunities may be had from Domestic and Foreign Trade Department of San Francisco Chamber of Commerce, Merchants' Exchange Bldg.:

D-557—Brooklyn, N. Y. Company has recently put on the market the most advanced equipment for fuel oil burning and desires to be put in touch with party interested in distributing this this market.

D-554—Los Angeles, Calif. Engineers and representatives desire contact with firm of merchant engineers or machinery sales agents interested in representing them as agents in this territory.

D-555—Minneapolis, Minn. Manufacturing Furnace & Foundry Co., opening new territory, are looking for connections here.

D-552—Kelseyville, Calif. Party is in the market for several tons of lime for orchard fertilizer.

D-551—Cincinnati, O. Eastern Supply Company is in position to handle a good line or item in Cincinnati and surrounding territory.

D-548—Scofield Barracks, T. H. Educational Recreational Fund is in the market for quantity of second hand opera chairs and park benches.

D-546—Utica, N. Y. Eastern Paint Co. manufacturers of mortar colors for coloring mortar in brick work, desires to extend their distribution into this territory and are seeking representation.

D-547—Redding, Calif. Opportunity is offered for the establishment of a box factory; timber supply sufficient for twenty, forty or sixty years; excellent transportation facilities for California, Nevada and Southern Oregon. All possible co-operation of civic bodies to parties interested.

7027—Harbin, China. Firm of industrial engineers desires to reach American concerns planning commercial or industrial undertakings on a large scale in northern China.

7024—Santiago, Chile. American with five years experience in South American market, speaking Portuguese and Spanish, with high recommendation, desires to communicate with American manufacturers who wish to develop that field.

7022 — San Francisco, Calif. Established firm of exporters with connections in Australia desire to reach manufacturers of all types of electrical appliances for the purpose of further developing that market.

7021—San Francisco, Calif. English manufacturer desires a market in this territory for the sale of a lamp for use in matching colors.

7018 — Hamburg, Germany. Concern seeks a market in San Francisco for glass and porcelain.

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Too Late to Classify

Plans Being Prepared—Ready for Figures in Two Weeks.

APT. & STORE BLDG. Cost, $35,000

SAN FRANCISCO, NE Ocean and Granada Aves.

Three story and basement frame and stucco apt. and store bldg. (2 stores and 10 2 & 3-room apts.)

Owner—Withheld.

Architect—R. R. Irvine, Call Bldg., San Francisco.

LOS ANGELES, Cal.—Fregory R. Evans, 2320 Ocean View Ave., has the contract to erect a 108-room 51-apartment building at the southeast corner of Eighth St. and Normandie Ave., for I. Halperin and M. Saks Two-story, 145x105 ft., frame and plaster constr., composition roofing, pine trim, wall beds, tiled baths, steam heating. Cost, $100,000.

LOS ANGELES, Cal.—Archt. S. H. Brown, 528 Union League Bldg., is preparing plans for a 3-story apt. bldg. to be erected on Argyle Ave., Hollywood, for Mr. and Mrs. Gordon; will contain 40 rms., divided in 21 apts. Stucco exter., 3-story and basement, 107x43 ft., comp. rfg., oak fls., gas rads., unit storage, O. P. trim.

LOS ANGELES, Cal. — Archt. S. H. Brown, 528 Union League Bldg., is preparing plans for a 3-story apt. bldg. to be erected on W Washington St. near Rimpau Blvd., owner withheld temporarily, care archt. Plas. exter., tile and comp. rfg., hardwood fls., tile baths and drainboards, will contain 72 rms., divided into 21 apts. with a large lobby; cost $75,000.

MARTINEZ, Contra Costa Co., Cal.—J. Ventimiglia of Martinez is taking bids to erect a $15,000 apartment house adjoining the structure at Estudillo and Thompson streets. Will be of reinforced concrete construction.

PALO ALTO, Santa Clara Co., Cal.—Election will be held June 9 in Palo Alto Union High School District to vote bonds of $150,000 to finance construction of additions to high school.

SAN JOSE, Santa Clara Co., Cal.—Hacienda, Valley View and Pioneer School Districts have consolidated and election will be called shortly to vote bonds to finance construction of $70,000 school building.

HANFORD, Kings Co., Cal.—Until June 5 bids will be rec. by county supervisors for purchase of $17,000 bond issue of San Jose Elementary School District; proceeds of sale to finance school improvements.

SAWTELLE, Los Angeles Co., Cal.—Kirby T. Snyder has completed plans for the $45,000 church building to be erected in Sawtelle by the First M. E. Church. The new building will have auditorium seating 800, Sunday school rooms, dining room, kitchen and church parlor. Building committee consists of John Nicholson, Thomas Price, J. L. Gail, E. M. Harris, Mrs. E. R. Ronk, Mrs. C. Newland, Clyde McCarrick and C. Curtis Foggy.

HOLLYWOOD, Cal. — Archt. S. H. Brown, 528 Union League Bldg., has completed plans and is taking general and sub-bids for the erection of a new synagogue to be erected on Wilton Pl., near Sunset Blvd., for the Beth-El Temple. Frame and plas. constr., 65x70 ft., tile and comp. rfg., maple fls., wood rf. trusses, gas rads., provisions for future pipe organ, will contain auditorium and social hall to seat 600 with rest rms, kitchen, etc.

PORTLAND, Ore.—S. D. Young, president of the Grand Rapids Show Case Co., is in Portland seeking a site on which iti s proposed to erect a number of factory buildings costing between $600,000 and $700,000. Young is accompanied by W. K. Williams, vice-president of the company.

LOS ANGELES, Cal. —Milwaukee Bldg., Co., 315 Wright-Callender Bldg., has been commissioned to prepare plans for a 12-story and basement Class A loft building to be erected at the southwest corner of 6th St. and Grand Ave., for Chas. E. Page, general manager of So. Cal Realty Finance Co., Jeweler's Exchange Bldg. It will be 95x114 ft., reinforced concrete constr. and will cost $850,000.

OROVILLE, Butte Co., Cal.—Directors of Mt. Ida Olive Co. vote to increase warehouse quarters three times the present size in addition to remodeling oil mill and increase size of vat rooms. Work will be started immediately.

SEATTLE, Wash.—Stoddard & Sons, Arch. and Engs., Lyon Bldg., will take bids about June 1 to erect 2-story, 60x108 ft., brick and mill construction building for Metropolitan Press Printing Company, Central Bldg., Seattle.

WASHINGTON, D. C.—Until June 4, under Circular No. 1529, bids will be rec. by Panama Canal Commission, for fur. and del. electrical equipment for towing locomotives. Spec. on file with Assistant Purchasing Agent at Fort Mason, San Francisco.

ANAHEIM, Orange Co., Cal.—Lodge of Moose is organizing a campaign to raise funds for the erection of a new lodge hall. It is proposed to build a 2-story store and lodge building, with the lower part for renting purposes.

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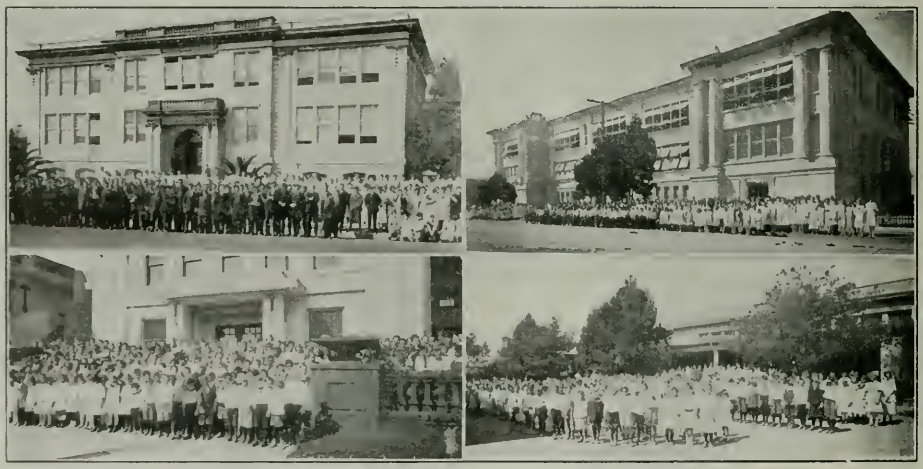
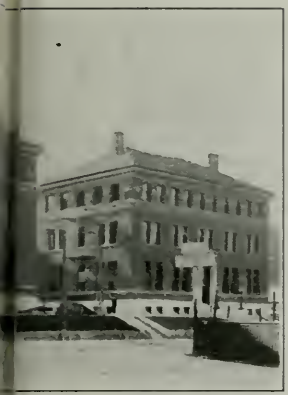


FOUR OF RICHMOND'S FOURTEEN SCHOOLS

MACDONALD AVENUE, LOOKING WEST—RICHMOND, CALIFORNIA.



OIL CO.—RICHMOND, CALIF.

NEW T & D THEATRE, RICHMOND, CALIFORNIA.

A UNIT OF THE SANTA FE SHOPS, RICHMOND, CALIF.

MUNICIPAL WHARF—
RICHMOND, CALIF.

Official Proposals

NOTICE TO BIDDERS

(Stege Sanitary District)

Notice is hereby given that the Stege anitary District Board at their next egular meeting, **Friday, June 1st, 1923, t 8 P. M.**, will receive and open bids r sewer extensions on Moser Lane, Blake Street and Elm Street, in the ity of El Cerrito, and described as ollows:

514.6 feet of 6 inch sewer on Moser ane between San Pablo Ave. and Lexington St, to include 2 manholes.

142 25 feet of 6 inch sewer on Blake treet extended north from end of resent sewer, including one lamphole.

265.6 feet of 6 inch sewer on Elm treet, north from end of present sewr, including one manhole and one amphole.

The above named sewers are to conorm to plans and specifications which ill be on file after May 15th with J. . Peters, 188 San Pablo Ave., and will e open at that address for inspection y interested parties.

It will be necessary to itemize bids, o as to show cost of extra manholes, ampholes, wye connections, etc.

The Sanitary Board reserves the ight to reject any or all bids.

H. L. VAN FLEET,
ecretary Stege Sanitary Dist. Board.

NOTICE TO BIDDERS

(Sequoia Union High School District)

Notice is hereby given that the Board f Trustees of the Sequoia Union High chool will receive bids for the lighting fixtures and auditorium opera hairs for the new High School Building now being erected at Redwood City, alifornia. Said bids may be for either r both of the above mentioned articles. he plans and specifications for same ay be had at the office of the Architects, Coffey & Werner, 312 Humboldt ank Bldg., Market Street, San Francisco, Calif

The bids must be sent to the Clerk f the Board, Thomas O. Heydenfeldt, edwood City, California, by **Monday, ay 28, 1923,** and they will be opened y the said board of trustees at the eeting to be held at 3:30 o'clock P. M. on said date at the High School uilding, Broadway, Redwood City, alif

The Board of Trustees of said High chool District, hereby reserves the ight to reject any or all bids.

oard of Trustees Sequoia Union High School, San Mateo County, Calif.
By THOMAS O. HEYDENFELDT,
Clerk.

NOTICE TO CONTRACTORS

(Fresno Board of Education)

Pursuant to an order of the Board f Education of the Fresno City High chool District duly passed and entered in its minutes of April 30, 1923, otice is hereby given that said Board ill receive sealed proposals for the ollowing work

1 A green house, approximately 5' 11" — 8" to be equal to that made y Lord & Burnham Company of hicago, Ill Same to be an iron rame Construction as illustrated on heet No 3393 C. House to have ne gass gable only, all iron work rimed one shop coat of paint all ardware necessary to be furnished entilating apparatus for four lines all iron for plant benches a glass concrete work or plant ed lumber to be included in this id. All material to be figured deered at High School Property

2 A separate bid shall be given for heating plant to consist of 800 feet

A call for bids published in this section indicates that bids are desired from other than local bidders Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rates 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

of 2" pipe, one 4—20 American Radiator Company's Arco heater with all tools, breeching, foundations, connections, labor for making a complete operating plant. Plant to have a complete thermostatic control. Also one Gearhart or equal distillate oil burner and 50 gallon tank for oil, all installed as per City Ordinances.

This heating pant will be located at one end of green house in a Potting Room to be erected later by the Owners.

Plans are on file with secretary of said Board and may be seen at the office of the secretary of the Board.

All bids must be in the hands of L. L. Smith, Secretary of the Board of Education, Fresno City High School District, at his office in the Technical School Building, Fresno, California, **before five P. M., June 14, 1923.**

A certified check equal to ten per cent of the total amount of bid submitted must accompany the proposal.

The Board further reserves the right to reject any or all bids.

All bids must be sealed and name of bidder and branch of work must be marked on outside of envelope.

By order of the Board of Education, Fresno City High School District.
L. L. SMITH, Secretary.

NOTICE TO CONTRACTORS

(West Side Union High School Dist.)

Notice is hereby given that the Board of Trustees of the West Side Union High School District, of the City of Los Banos, County of Merced, State of California, will receive sealed bids for the furnishing of all labor and materials necessary in the erection and completion of a Science building including works, according to plans and specifications prepared by the Ernest J. Kump Co., Architects, of the City and County of Fresno, and in strict accordance with bids and alternate bids asked for in the specifications.

Said sealed bids will be recived **up to and including 2 P. M., of the 28th day of May, 1923,** by the undersigned Clerk of the Board of the City of Los Banos, County of Merced, State of California

Said sealed bids must be accompanied by a certified check, cashier's check or bidder's bond in a sum equal at least to 10 per cent of the amount of bid to do the work mentioned and made payable to the undersigned Clerk of the Board as a guarantee that the bidder will execute the proper contracts and bonds in case the contract is awarded to him by reason of his bid.

Plans and specifications are on file at the offices of the Clerk of the Board at the high school building. All bids to be made out on blank forms furnished by the Clerk.

The successful bidder will have to give a satisfactory bond in the sum of 50 per cent covering labor and materials, and an additional 10 per cent bond for faithful performance as fully set forth in specifications.

Said Board of Trustees of the West Side Union High School district reserve the right to reject any and all bids or alternate bids, or any part of any parts of any bids and reject the balance thereof, and to waive any informality in any bids or alternates received.

All bids to be addressed to S. B. Dismukes, Clerk of Board of Trustees of the West Side Union High School District, County of Merced, State of California.

By Order of Said Board of Trustees.
By S. B. DISMUKES,
Clerk of Board.

QUANTITY SURVEYOR
and Valuation Engineer
Buildings & Engineering Works
ARTHUR PRIDDLE
603 Mission Street, at Third St.
San Francisco, Calif.
Telephone Douglas 8-4-9-3

BIDS WANTED FOR STOCKTON CITY HALL

Sealed bids will be received at the office of the City Clerk of the City of Stockton in the annex to the "Hotel Stockton," northeast corner of El Dorado and Weber Avenue, up to **10:30 a. m. on the 29th day of May, 1923,** for the construction and completion of a City Hall building to be built on block 85½ east, of the City of Stockton, State of California.

Bids will be segregated as follows:

(1) General contract for the construction of the building (exclusive of plumbing, electrical work and heating ventilation).
(2) Plumbing.
(3) Electrical work.
(4) Heating and ventilating.
(5) Combining bids Nos. 2, 3 and 4 under one bid.
(6) Combining the entire work in bids Nos. 1, 2, 3 and 4.
(7) Jail equipment.

Plans and specifications may be secured at the offices of the architects, Delta Building, Stockton, California, on and after April 25, 1923, upon the deposit of the following amounts:

$100.00 for plans and specifications for the general contract.

$50.00 for plans and specifications for the plumbing.

$50.00 for plans and specifications for the electrical work.

$50.00 for plans and specifications for the heating and ventilating.

$50.00 for plans and specifications for the jail equipment.

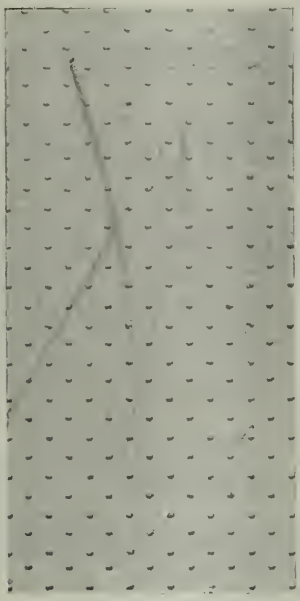
Deposits will be refunded upon the return of the plans and specifications upon the date specified, accompanied by a bona fide bid.

All bids to be upon forms furnished by the architects, and all bids must be accompanied by a certified check or bid bond in the amount for ten per cent (10%) of the amount of the bid, made payable to the City Clerk of the City of Stockton, to secure the execution of the contract and bonds by the successful bidders.

The City Council reserves the right to reject any and all bids or to waive any formality that may be deemed in the interest of the city.

A. L. BANKS, City Clerk.
Stockton, Calif., April 25, 1923.

(Continued on Page 55)



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Engineering News Section

BRIDGES

HANFORD, Kings Co., Cal. — Until June 5, 11 a. m., bids will be rec. by E. F. Pickerill, county clerk, to const. rein. conc. highway bridge over North Fork of Kings River on Lemoore-Browndale highway, Rd. No. 753, Dist. 40, involv. 456 cu. yds. class A conc.; 24 60-ft. rein. conc. piles; 24 50-ft. rein. conc piles; 73½ tons (deformed square) rein. steel. Cert. check 10% payable to Chair. Bd. of Sups. req. Roy May, County surveyor.

SANTA BARBARA, Cal. — County Surveyor Owen H. O'Neill preparing spec. for a bridge across the Santa Ynez river, on the Lompoc-Harris station road. The const. is conditional upon the voting of $215,000 for paving a 7 mi. stretch of roadway in the Lompoc permanent road imp. dist.

CALIFORNIA.—As previously reported bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, May 28, to const. rein. conc. bridge in Sonoma county over Arroyo Seco creek near Shellville, consisting of 2 40-ft. rein. conc. girder spans with necessary pier, abutments and wing walls. Project involv. 120 cu. yds. class A and 350 cu. yds. class C Port. cem. conc. in place; 28,000 lbs. rein. steel in place and 55 Douglas fir piles in place. R. M. Morton, state highway eng.

YREKA, Siskiyou Co., Cal.—Supervisors have ordered bids received to const. bridge over Klamath River at Klamathton. Bids will probably be asked on three propositions one providing for overhead crossing at railroad. Plans were prepared by Union Bridge Co., of Portland, Ore. Albert J. Parrott, county surveyor.

NEWPORT, Cal.—City rejects proposal to issue bonds of $15,000 to const. bridge from mainland to Balboa Island.

SANTA ROSA, Sonoma Co., Cal.—R. Press Smith, 1226 4th St., Santa Rosa, at $8,600 awarded cont. by supervisors to const. rein. conc. bridge at Sta. No. 237, on Shelville-Santa Rosa Highway. Others bidders: W. L. Proctor, $8793; Lord & Bishop, $9100; Call Construction Co., $9200; Wilson D. Ellis Co., $9359, John Cogo, $9950.

R. Press Smith at $7710 awarded cont. to const rein conc. bridge at Sta. No. 74-96, on Santa Rosa-Shelville highway. Other bids: W. D. Ellis & Co., $8410, Lord & Bishop, $8600; W. L. Proctor, $8673

SANTA ROSA, Sonoma Co., Cal.—W. L. Proctor, Rosenberg Bldg., Santa Rosa, at $4987 awarded cont. by supervisors to const. rein. conc. bridge at Station No. 473, on Shelville-Santa Rosa highway, in 3rd Sup. Dist. Other bids Call Constr Co., $5900 R. P. Smith, $5100, W. D. Ellis, $5725; Lord & Bishop, $5600; John Cogo, $5950.

HUMBOLDT COUNTY, Calif. — Assembly Bill No. 26 providing for a $225,000 appropriation to finance construction of a bridge over the Klamath River in the Humboldt county section, has been voted by the Assembly. The structure will be known as the Douglas memorial bridge, in honor of its author Dr G. H. Douglas, of Del Norte county, who died during the second half of the legislative session.

OAKLAND, Cal. — Architect W. H. Ratcliff, Jr., 1st Natl. Bank Bldg., Berkeley, is taking bids to const. 2 rein. conc arch bridges and for some road work at the Mills College grounds. Total est. cost $15,000.

PHOENIX, Ariz.—See "Sewers and Street Work," this issue.

SACRAMENTO, Cal. — Moore Shipbuilding & Drydock Co., Balfour Bldg., San Francisco, awarded cont. by supervisors for fur. and del. structural steel machinery and steel materials for highway bridge over Steamboat Slough and for bridge over Sacramento river near Paintersville. Accepted bids follow: steel $.0799 lb.; machinery, $.249 lb. total for each bridge, $57,174.

DREDGING, HARBOR WORKS AND EXCAVATIONS

SACRAMENTO, Cal.—Senate passes to Governor for approval a bill providing $600,000 for flood control work in Reclamation District No. 1660, Sutter County.

NEWPORT BEACH, Cal. — Application made to U. S. Eng. office by the California Highway Commission for permit to dredge approx. 50,000 cu. yds. of material in Newport Bay, Calif., near "Old Landing," material to be used in const. roadway fill along tide flats to Promontory Point.

SAN FRANCISCO — Healy-Tibbitts Constr. Co., 354 Pine St., at approx. $3811 awarded cont. by Ed. Pub. Wks. to drive test piles in San Francisco Bay across Dumbarton crossing. The contract is a unit of the Hetch Hetchy project.

OAKLAND, Cal.—American Dredging Co., 225 California St., San Francisco, awarded cont. by Alaska Packers' Corp. Wells Fargo Bldg., San Francisco, for dredging between 1,000,000 and 1,500,000 cu. yds. from Oakland Estuary on which it proposes to erect docks and warehouses costing approximately $1,000,000.

PEARL HARBOR, T. H.—See "Government Work & Supplies," this issue.

BLYTHE, Cal.—Chas. Thompson and Geo. K. Thompson, awarded contr. by Palo Verde Joint drainage dist., to construct lever outfall drain, involving 25,000 cu. yds. at 20c yd. Foley Bros. and D. A. Foley & Co. bid 26c yd. H. C. Neuffer, engr. The drain is approx. 9200 ft. long and is of th eopen type.

SALEM, Ore.—See "Streets and Sewers," this issue. Oregon State Highway Commission.

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IRRIGATION PROJECTS

WINNEMUCCA, Nevada—A permit for the storage of flood waters on the Humboldt river is expected shortly from the Interior Department by promoters of the Grass Valley Reclamation project which includes the formation of 35,000 acres lying immediately s. w. of Winnemucca. The work will cost about $850,000 and contemplates the storage of flood waters of the Humboldt river, now going to waste. A restraining dam will be constructed at Valmy, 35 mi. east of Winnemucca and will be 40 ft. high and ⅝ of a mile in length. The project is backed by Geo. Wingfield of Reno, Nevada, and State Senator (Nevada) Jerry Sheehan; John G. Taylor and other Nevada capitalists.

MERCED, Merced Co., Cal. — R. C. Starrett, field engineer for the Merced Irrigation District, has been appointed to fill the position of chief engineer of the district, left vacant through the death of R. C. Starr. Starrett's duties will be mainly in connection with the canal system of the district and will assist in the const. of the dam and power house and the relocation of the Yosemite Valley r.r. The active direction of these latter works will be in charge of a consulting engineer to be selected shortly.

EL CENTRO, Cal.—Referring to work for which bids were asked on May 8, Imperial Irrigation Dist. board of directors has decided to do the work by force account under the direction of the Supt., Ray S. Carberry, Calexico. The work as advertised involved (a) extension of central drain; (b) culvert under Brawley main on central drain; (c) culvert under Southern Pacific Railroad; (e) alignment New River and Alamo channels; (f) Holtville No. 6 drain; (g) Holtville No. 7 drain; (h) purchase of one drag line excavator, to be delivered at Meloland, Calif.

SAN DIEGO, Cal.—Supervisors adopt resolution approving a petition for formation of Vista Irri. dist., the first to be organized under the Lake Henshaw project. The proposed dist. will embrace 17,500 acres. J. B. Lippincott, Central Bldg., Los Angeles, chief engr. of Lake Henshaw project.

MODESTO, Stanislaus Co., Cal.—Modesto Irrigation District contemplates election to vote bonds of $135,000 of which $75,000 will complete payments on Don Pedro dam project and $60,000 for a drainage system. The latter work, as recommended in the report of Chief Engineer Percy Jones, will be expended as follows: installing 26 pumps in the sub-irrigated parts of the district, covering an area of approx. 4000 acres, at a cost of $46,400, including pipe lines. A line connecting the Davis-O'Connor and Curtis drains will cost $3000, artesians wells $3000, a main drain outlet a like amount and open drains $2600, making a grand total of $58,000. $2000 is asked for additional work or equipment which may be required later.

ROSEVILLE, Placer Co., Cal.—W. F. McClure, state engineer, submits report to Placer county supervisors covering Roseville Irrigation District. The proposed district as requested in the petition seeking formation comprised approximately 30,000 acres. The report of the state engineer provides for a district covering 8000 acres including the city of Roseville, and excludes all land north of the base line road, leaving out Kaseberg and Dooland ranches, as well as the Whitney ranch. The supervisors will call election immediately to form the district as outlined by the state engineer.

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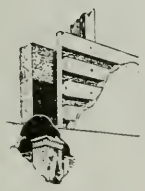

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2 Pine Street——Phone Douglas 6720——San Francisco

CALIFORNIA—Following is a partial list of applications for permits to appropriate water, filed with State Department of Public Works, Division of Water Rights, during the months of March and April for permits to appropriate water:

Application No. 3328 (Los Angeles County) City of Pasadena, for $20,000 ac. ft. from San Gabriel River, for general municipal purposes. Capacity of Reservoir 15,000 ac. ft.

3329 (Los Angeles County) City of Pasadena, for 37,000 ac. ft. from San Gabriel River, for municipal use. Capacity of Reservoir 35,000 ac. ft.

3330 (Los Angeles County) City of Pasadena, for 95,000 ac. ft. from West Fork San Gabriel River, for municipal purposes. Combined capacity of Reservoirs 95,000 ac. ft.

3331 (Los Angeles County) City of Pasadena, for 100,000 ac. ft. from San Gabrial River, for municipal use. Capacity of Reservoir 125,000 ac. ft.

3332 (Butte County) Harriet W. Brown and Geo W. Greenwood, Care of R. M. Gray, Oroville, Cal., for (1) 0.5 sec. ft. and (2) 1.0 sec. ft. from (1) Kings Creek and (2) Lincoln House Ravine, for irrigation of 200 ac. Est. cost, $1500.

3339 (Madera County) Harry Barnes (for proposed water storage district) Care of Madera Irrigation District, Madera, Cal., for direct diversion 150 sec. ft. and for storage of 60,000 ac. ft. from Fresno River, for power purposes. Est. cost, $2,362,000.

3340 (Modoc County) (see possible change of name on amended application) S. X. Ranch, Fred H Huffman, Mgr., Alturas, Cal., for 2000 ac. ft. from Antelope Plains Drainage Area, for irrigation. Proposed to raise Ivory Reservoir Dam 5 ft.

3341 (Inyo County) R. D. Warnock, Trona, San Bernardino Co., Cal., for one sec. ft. from Jail Canyon, for power to operate mill and concentrator. Est. cost, $5000.

3343 (San Bernardino County) S. B. Schauer, Care of Commercial Trust & Savings Bank, Carpenteria, Cal., for .69 cu. ft. per sec. from an unnamed creek tributary to Santa Ana River, for irrigation of 55 acres. Est. cost, $1000

3344 (Yuba County) Yuba Development Co., San Francisco, Cal., for 1300 cu. ft. per sec. from Yuba River, for power purposes. Proposes to develop 47,727 T. H. P. Est. cost, $6,000,000.

3345 (Yuba County) Yuba Development Co., San Francisco, Cal., for 125 cu. ft. per sec. and 22,800 ac. ft. per annum from Yuba River, for irrigation of 10,000 ac. Est. cost, $3,500,000.

3348 (Amador County) Anthony L. Landis, Care of Construction Co. of North America, Mills Bldg., San Francisco, Cal., for 1000 cu. ft. per sec. and 300,000 ac. ft. from Mokelumne River, for municipal purposes. To supply cities in Sacramento and San Joaquin Valleys and bordering on San Francisco bay.

3349 (San Joaquin County) Joseph Kissel, Clements, Cal., for 31 cu. ft. per sec. from Mokelumne River, for irrigation of 25 acres. Est. cost, $1200.

3353 (Modoc County) Hot Springs Valley Irrigation District, Alturas, Cal., for 50,000 ac. ft. per annum from Big Sage Drainage Area for irrigation of 9600 ac. Est. cost, $92,500.

3354 (Butte County) E. F. Biggs, Oroville, Cal., for 7.25 cu. ft. per sec. from Feather River, for irrigation of 580 acres.

3355 (Butte County) E. J. Robinson, Oroville, Cal., for 1.59 cu. ft. per sec. from Feather River, for irrigation of 127.11 ac. Est. cost, $4000.

3356 (Butte County) Friesleben Est. Co., Oroville, Cal., for 10 cu. ft. per sec. from Feather River and Honcut Creek, for irrigation of 1000 ac.

3357 (Placer County) American River Water & Power Co., Auburn, Cal., for 600 cu. ft. per sec. and 200,000 ac. ft. per annum from Middle Fork of American River, for power purposes. Proposes to develop 150,000 T. H. P.

3358 (Los Angeles County) Big Rock Land & Development Co., Los Angeles, Cal., for 60cu. ft. per sec. and 31,750 ac. ft. per annum from Big Rock Creek, for irrigation of 10,422 ac. Est. cost, $750,000.

3360 (San Bernardino County) Mojave River Irrigation District, Victorville, Cal., for 50,000 ac. ft. per annum from Deep Creek and West Fork Mojave River, for irrigation of 27,665.5 ac. in Mojave River Irrigation District. Est. cost, $1,700,000.

3362 (Los Angeles County) Little Rock Power & Water Co., Los Angeles, Cal., for 3000 ac. ft. from Little Rock Creek, for irrigation of 6400 ac. near point of diversion.

3364 (Solano County) Geary Rich, 58 Sutter St., San Francisco, Cal., for 10 cu. ft. per sec. and 356 ac. ft. per annum from Lindsay Slough for municipal purposes in cities of Vallejo, Benicia, Suisun, Fairfield and adjacent territory in Solano County. Est. cost, $2,000,000.

3367 (San Bernardino County) J. S. Edwards, Redlands, Cal., for .05 cu. ft. per sec. from Chipmunk Stream, for domestic purposes. Est. cost, $1000.

3369 (Inyo County) Carl R. Suksdorf, Trona, Cal., for 1 cu. ft. per sec. from Burn's Spring, for mining purposes. Est. cost, $1000.

3372 (Shasta County) W. H. Samson, Corning, Cal., for 2000 cu. ft. per sec. and 300,000 ac. ft. per annum from Clear Creek, for power purposes. Proposes to develop 87,046 T. H. P. Est. cost, $6,000,000.

3373 (Madera County) Southern California Edison Co., Los Angeles, Cal., for 46,000 ac. ft. per annum from West Fork of Granite Creek, for power purposes.

3374 (Madera County) Southern California Edison Co., Los Angeles, Cal., for 725 cu. ft. per sec. from Chiquito, Balls and Power House Creeks, for power purposes. Proposes to develop 28,600 T. H. P.

3375 (Madera County) Southern California Edison Co., Los Angeles, Cal., for 650 cu. ft. per sec. from Migler and Chiquito Creeks, for power purposes. Proposes to develop 27,800 T. H. P.

3376 (Madera County) Southern California Edison Co., Los Angeles, Cal., for 50 cu. ft. per sec. and 7000 ac. ft. per annum from Chiquito Creek, for power purposes. Proposes to develop 36,300 T. H. P. Dam to be 80 ft. high.

3377 (Madera County) Southern California Edison Co., Los Angeles, Cal., for 900 cu. ft. per sec. from Jackass Creek and West Fork of Jackass Creek, for power purposes. Proposes to develop 40,900 T. H. P.

3378 (Madera County) Southern California Edison Co., Los Angeles, Cal., for 720 cu. ft. per sec. from Jackass Creek, for power purposes. Proposes to develop 87,000 T. H. P.

3379 (Fresno County) Southern California Edison Co., Los Angeles, Cal., for 5,000 ac. ft. per annum from South Fork San Joaquin River, for power purposes. Proposes to develop 28,800 T. H. P. Dam to be 105 feet high

3381 (Inyo County) City of Los Angeles, for 47 cu. ft. per sec. and 8554 ac. ft. per annum from Cottonwood Creek, for power purposes. Proposes to develop 11,338 T. H. P. Est. cost, $1,936,300.

3382 (Inyo County) City of Los Angeles, for 105 cu. ft. per sec. and 8177 ac. ft. per annum from Big Pine Creek, for power purposes. Proposes to develop 27,915 T. H. P. Est. cost, $3,188,000.

3383 (Inyo County) City of Los Angeles, for 120 cu. ft. per sec. from Owens River, for municipal purposes in city of Los Angeles.

3384 (Inyo County) City of Los Angeles, for 120 cu. ft. per sec. from Owens River, for municipal purposes.

3385 (Mono County) City of Los Angeles, for 120 cu. ft. per sec. and 87,600 ac. ft. per annum from Owens River, for municipal purposes.

3386 (Colusa County) George N. Farnsworth, Care Fred H. Tibbetts, C. E., Alaska Commercial Bldg., San Francisco, Cal., for 19.14 cu. ft. per sec. from Sacramento River, for irrigation of 1531 acres. Est. cost, $75,000.

3387 (Nevada County) Sidney Wood, Care of Nilon & Nilon, Attys., Grass Valley, Cal., for 13 cu. ft. per sec. from Big Canyon Creek, for power purposes.

PERMITS

Following is partial list of permits granted during months of March and April:

Permit No. 1363 (Modoc County) to J. V. Caldwell, Canby, Cal., for 340 ac. ft. per annum from Howard Gulch, for irrigation of 63 acres. Est. cost, $3000.

1364 (Siskiyou County) to John Nefroney, Etna Mills, Cal., for 1.25 cu. ft. per sec from Musick Creek, for mining purposes.

1367 (San Bernardino County) to G. J. Anloff, Los Angeles, Cal., for .25 cu. ft. per sec. from Alder Creek and Springs, for domestic purposes. Est. cost, $3000.

1368 (Shasta County) to Sarah M Taylor, Bayles, Cal., for .12 cu. ft. per sec. from Middle Salt Creek, for irrigation of 10 acres and domestic purposes. Est. cost, $1320.

1369 (Butte County) to Charles Beldon, Oroville, Cal., for 1.5 cu. ft. per sec from Karl Gulch, for mining purposes. Est. cost, $1200.

1370 (Inyo County) to J. H. Gorsline, Ballarat, Cal., for .25 cu. ft. per sec. from Kane Spring and Golor Canyon in Inyo County for mining purposes. Est. cost, $16,000

1372 (Shasta County) to Mt. Shasta Power Corp., San Francisco, Cal., for 3000 cu. ft. per sec. and 32,300 ac. ft. per annum from Pit River, for power purposes. Proposes to develop 106,700 T. H. P Est. cost, $12,000,000.

1373 (Shasta County) to Mt. Shasta Power Corp., San Francisco, Cal., for 3000 cu. ft. per sec. from Pit River for power purposes. Proposes to develop 78,409 T. H. P. Est cost, $9,000,000.

1374 (San Bernardino County) to John Mathis, Care Lloyd L. Miller, Atty., 1227, Marsh-Strong Bldg., Los Angeles, Cal., for .001 cu. ft. per sec from an unnamed stream, for domestic purposes. Est. cost, $1500.

1375 (San Diego County) to Ed. Fletcher Jr., San Diego, Cal., for .23 cu. ft. per sec. from spring, for irrigation of 40 ac. in Rancho El Cajon. Est. cost, $2000.

1376 (San Diego County) to Ed Fletcher Jr., San Diego, Cal., for .6 cu. ft. per sec. from a spring, for irrigation of 57.46 ac. in Lot 54 of Rancho El Cajon. Est. cost, $3000.

1377 (Modoc County) to Alva G. Lyon, Cedarville, Cal., for 3.12 cu. ft. per sec. and 300 ac. ft. per annum from Cottonwood Creek and Paterson Lake, for irrigation of 400 ac. Est. cost, $1000.

1378 (Modoc County) to Alva G. Lyon, Cedarville, Cal., for 3 cu. ft. per sec. from Cottonwood Creek, for irrigation of 520 ac. Est. cost, $1000.

1381 (Sierra County) to H. L. Berkey and John C. Mills, Scales, Cal., for 60 cu. ft. per sec. and 8212 ac. ft. per annum from Canyon Creek, for mining purposes. Est. cost, $100,000.

1382 (San Diego County) to Geo. T. Simpson, Point Loma, Cal., for 1.69 cu. ft. per sec. and 150 ac. ft. per annum from underflow of Santa Maria Creek, for domestic use and irrigation of 135 acres in Sec. 11. Est. cost, $6000.

1385 (Modoc County) to Joseph H. and Laura B. Meredith, Willow Ranch, Cal., for 1.25 cu. ft. per sec. from Bonner Ravine, for irrigation of 100 acres. Est. cost, $1000.

1387 (Tulare County) to Myers Land Co., Los Angeles, Cal., for 6 ac. ft. per annum from Capenero Creek, for irrigation of 280 acres. Est. cost, $12,000.

1390 (Los Angeles County) to Southern California Edison Co., Los Angeles, Cal., for .005 cu. ft. per sec. from an unnamed spring, for irrigation of 2 ac. Est. cost, $3000.

1391 (Solano County) to F. O. Scarlett, Suisun, Cal., for 4.37 cu. ft. per sec. from Suisun Creek, for irrigation of 350 ac. Est. cost, $3000.

1392 (Los Angeles County) to Little Rock Power & Water Co., Los Angeles, Cal., for 2000 ac. ft. from Little Rock Creek, for power purposes in Sec. 14. Proposes to develop 4943 T. H. P. Est. cost, $350,000.

1393 (Plumas County) to R. T. Harding, 105 Montgomery St., San Francisco, Cal., for 30 cu. ft. per sec. from Grizzly Creek, for power purposes. Proposes to develop 6733 T. H. P. Est. cost, $50,000.

H. A. Kluegel is Chief of the Division of Water Rights, State Department of Public Works.

LIGHTING SYSTEMS

SAN DIEGO, Cal.—Southern Electrical Co., 3rd and E Sts., awarded contr. by council at $12,994 to install ornam. lighting system in Broadway, bet. 8th and 16th Sts.

A. C. Rice, 1963 Santee St., Los Angeles, awarded contr. at $8663 to install. ornam. light. system in Prospect and other streets, La Jolla.

Architects—Engineers—City and County Officials

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SAN DIEGO, Cal.—A. C. Rice, 1963 Santee St., Los Angeles, submitted low bid to council at $5666 to const. ornam. light system in La Jolla. Other bids were: C. W. Sparks, $8816.24; Southern Elec. Co., $9069.62; Osborne Elec. Co., $9188.36; Globe Elec. Co., $10,274.52.

SAN BERNARDINO, Cal.—City Engr. C. E. Johnson states that conc. posts will be placed on E St., bet. 3rd and 5th Sts., to correspond with the conc. posts on the D and E Sts. proposed conc. systems. That portion of E St. referred to is equipped with iron posts. Plans are being prepared under the city engineer's direction.

PORTERVILLE, Tulare Co., Cal. — Chamber of Commerce has revived movement to secure installation of electrolier lighting system by creation of assessment district. Edison Co. submits estimates for standards at $180 each or a total of $10,260 for system as proposed. The proposal to install such a system was recently abandoned by the city trustees as maintenance costs were considered too high. Fred Pease, city eng.

SAN DIEGO, Cal.—A. C. Rice, 1963 Santee St., Los Angeles, awarded cont. by council at $8665 to install lighting system in La Jolla.

LONG BEACH, Cal.—C. W. Sparks, 457 S. Lake St., Los Angeles, awarded contr. by council at $19,945 to const. ornam. light system in Anaheim St., bet. American and Daisy Ave.

SAN DIEGO, Cal.—Southern Electrical Co., 3rd and E Sts., submitted low bid to council at$12,995 to install electric ornam. light sys. on Broadway, from 8th to 16th Sts., incl. 52 reinf. cem. concr. lighting posts, underground conduits, electric wires, pipes, lamps, sockets, etc. Other bids were: C. W. Sparks, $13,129; Osborne Elec. Co., $13,-721; A. C. Rice, $14,075; Globe Elec. Co., $16,252.

NEWPORT, Cal.—City rejects proposal to issue bonds of $25,000 to finance installation of ornam. light system.

BERKELEY, Alameda Co., Cal. — Standard Electric Construction Co., 80 Natoma St., San Francisco, at $19,797 awarded cont. by council to install 75 electroliers with globes, lamps, and tops, complete with underground conduits in Telegraph Ave., bet. south city limits and Alliston Way.

MACHINERY & EQUIPMENT

Laundry Machinery Co., 954 Mission St., San Francisco, at $3612 awarded cont. by supervisors to install laundry equipment in county hospital. Speck Mfg. Co. only other bidder at $3860.

SANTA ANA, Cal.—California Packing Corp., will expend approx. $12,-000 for machinery to double its output of chilis and pimientos each season. C. C. Corbett, supt.

LOS ANGELES, Cal.—Garfield & Co., Hearst Bldg., San Francisco, awarded contr. by harbor commission at $5522 for steam hoisting engine and boiler under spec. No. 466.

PALISADE, Nevada—Eng. Dept. of Southern Pacific Company, S. P. Bldg., San Francisco, is preparing plans for rock crushing plant to be established at Palisade to provide materials for use on road extensions and improvements. The announcement is made by J. H. Dyer, general manager of the S. P. Co.

SAN LEANDRO, Alameda Co., Cal.—Until May 28, 2:30 P. M., bids will be rec. by Chas. A. Jeffrey, Clerk, San Leandro School District, for fur. one gasoline lawn mower. Cert. check 10% payable to clerk req. with each bid. Further information from above on request.

YUBA CITY, Sutter Co., Cal.—City votes bonds of $8000 to finance purchase of motor street cleaning apparatus. Edw. Von Geldern, city eng.

PUGET SOUND, Wash.—See "Government Work & Supplies," this issue.

HUNTINGTON PARK, Cal.—Until 7:30 P. M., May 28, bids will be rec. by trustees Huntington Park Union High School Dist. for machine tools, forge equipment, woodworking machinery, hand tools and electric motors.

SAN DIEGO, Cal.—W. H. Cameron has been appointed supt. of the purchasing dept. in place of W. P. Bates by the city council. Allen H. Wright was reappointed as city clerk and Fred A. Rhodes as city manager and city engineer.

SAN FRANCISCO—United Commercial Co., bidding $10,000 awarded purchase by Bd. Pub. Wks. of one 57-ton Heisler Geared Locomotive, no longer req. for use on the Hetch Hetchy r.r.

LOS ANGELES, Cal.—Until 9 a. m., May 22, bids will be rec. by City Purchasing Agt. Thos. Oughton, 202 n. city hall annex, for truck chassis under spec. No. 626. Cert. chk. or bond, 10%.

LONG BEACH, Cal.—Until 10 a. m., May 24, bids will be rec. by city mgr. for one motor truck under spec. No. C-108.

Separate bids for one motor truck chassis with dump truck body, under spec. No. C-109. C. H. Windham, city manager.

LOS ANGELES, Cal.—Until June 1, 9 a. m., bids will be rec. by Thos. Oughton, city purchasing agent, for fur.:

Chemical and hose wagons under spec. No. 621, bond 10%.

Service trucks under spec. No. 623.

Squad wagons under spec. No. 624.

Pumping engines under Spec. 619.

Pumping engines, chemical and hose wagons under spec. No. 620.

Aerial trucks under spec. No. 622. 10% req. in each instance.

RAILROADS

LA QUEMADA, Mexico—Utah Const. Co., Phelan Bldg., San Francisco, at approx. $6,000,000 awarded contract by Southern Pacific Co., to construct lower end of the S. P. main line bet. La Quemada and Tepis, involv. approx. 85 mi. of roadway to be graded and the construction of tunnels. Rails will be laid by the company. Other portions of the 100 miles of road have been let under separate contracts.

BAKERSFIELD, Kern Co., Cal.—Atchison, Topeka and Santa Fe Rlwy., files application with State R. R. Commission for permit to const. second main line track in 15th and other sts., in Bakersfield.

CARSON CITY, Nevada—J. F. Shaughnessy, chairman of the Nevada State Railroad Commission, has received letter from J. H. Dyer, general manager of the Southern Pacific Company, informing him that the company will construct a second track from Wells to Moor and Valley Pass to Montello, a cost exceeding $1,000,000 in addition to extensions of tracks at 10 or more points. Renewal of the rail on the Fallon branch and an extension program of rehallasting of main line is also being provided for.

ELKO, Nevada—It is unofficially reported here that Union Pacific R. R. plans early const. of line from Rogerson, Idaho, to Wells, Nevada. H. V. Platt, vice-president and general manager of Oregon Short Line, a U. P. property, is the reported authority for the statement.

SEATTLE, Wash.—Seattle Frog and Switch Co., at $39 ton, awarded cont. by Bd. Pub. Wks. for fur. 2640 lin. ft. relay rails.

KERN COUNTY, Calif.—Utah Constr. Co., Phelan Bldg., San Francisco, awarded contract by Southern Pacific Co. to grade 11 mi. of roadbed into Mojave, Kern county and has sub-let the work to McMillan and Kettlewell, of Wasco, Kern county.

SEATTLE, Wash.—The Alaska Bureau of the Seattle Chamber of Commerce has received word that extensive development work is to be undertaken shortly by the Kennecott Copper Corp., in the Kantichna district of Alaska. Improvements will include the construction of 65-mi. of railroad.

FIRE ALARM SYSTEMS

SALINAS, MONTEREY CO., Cal. — City council will purchase steam fire alarm siren. J. P. Nichols is chief of fire department.

SAN ANTONIO, Texas.—Constructing Quartermaster, U. S. Army, will take bids shortly to install fire alarm system; authorization to install having been received from Washington.

LOS ANGELES, Cal.—Until 10 a. m., May 28, bids will be rec. by Bd. Pub. Wks. for 12 fire alarm boxes. Spec. on file at office of city electrician, 203 n. city hall annex. Cert. chk. or bond 10% and affidavit of non-collusion.

FIRE EQUIPMENT

LONG BEACH, Cal.—Until 10 a. m., May 21, bids will be rec. by city mgr. for one 6-cyl. Seagrave water cooled motor, for installation in hose wagon. Cert. chk. or bond, 10%. C. H. Windham, city mgr.

CLAREMONT, Cal.—Until 12 m., June 7, bids will be rec. by city trustees for purchase of comb. fire truck and equipment, of 300 to 500 gals. pumping capacity. Bids to be accompanied by spec. J. D. Johnson, city clerk.

LOS ANGELES, Cal.—See "Machinery and Equipment," this issue.

MISCELLANEOUS SUPPLIES

LOS ANGELES, Cal.—Until 3 p. m., May 18, bids will be rec. by pub. serv. comm., 208 S Broadway, for gate valves under spec. 667. Jas. P. Vroman, secy.

HANFORD, Kings Co., Cal.—Fred M. Cutler, county purchasing agent, authorized to purchase 1000 barrels Port. cement to be used in construction of bridge over north fork of Kings river. Roy May, county surv.

FRESNO, Fresno Co., Cal.—See "Sewers and Street Work," this issue. Oil, county highway dept.

SALEM, Ore.—See "Sewers and Street Work," this issue. Oil, Ore. State High. Commission.

SEATTLE, Wash.—Puget Sound Machinery Depot at $1994 awarded cont. by Bd. Pub. Wks. for fur. 8250 ft. cable for James St. cable line.

BERKELEY, Alameda Co., Cal. — Until May 29, 4 p. m., bids will be rec. by Clyde E. Blanchard, Secy. Board of Education, 2133 Allston Way, for fur. coal, fuel oil, lumber, paint, science supplies and equipment for grammar school. Separate bids, same time, for fur. similar supplies for high school. Quantities of materials desired on file with secretary. Cert. check 10% payable to Bd. of Educ. req.

PASADENA, Cal.—Until 11:30 a. m., June 6, bids will be rec. by City Clerk Bessie Chamberlain for fur. 6 indoor and outdoor 2400 to 15,000 volt oil circuit breakers of 400 to 300 amphere capacity. Check for 10%.

RESERVOIRS AND DAMS

FLAGSTAFF, Ariz.—Until May 14, bids will be rec. by city council for the constr. of a dam to impound a lake in the recreation park. Plans by J. B. Wright, city engineer.

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POMONA, Cal.—Consolidated Water Co. will start work shortly on the 1,500,000 gal. reservoir to be located near the Willow St. Dairy. The reservoir will be of reinf. conc. constr. with cem. pipe line. Cost, $25,000. G. A. Lathrop, pres. of company.

YERINGTON, Nevada — C. R. Hill, Reno, Nevada, at approx. $153,400 awarded cont. by Walker River Irrigation district to const. dam on Walker river (Bridgeport, Calif.), the district to furnish materials. Bids also submitted by Tieslau Bros., Berkeley, Cal., and John Ross, Yerington, Nevada. Cont. involv. 1100 yds. conc. for inlet and outlet arches; 125,000 yds. embankment for the dam; 4½ mi. roadway.

LONGVIEW, Wash. — See "Waterworks," this issue. Long-Bell Lumber Company.

MADERA, Madera Co., Cal.—County Surveyor, J. O. Rue, preparing spec. for reservoir to be constructed at tri-county tubercular hospital at Ahwahnee, Madera county. Will have capacity of 50,000 gals. to be used for fire protection purposes.

SAN FRANCISCO—H. C. Vensano Co., 58 Sutter St., San Francisco, at approx. $65,000 awarded contract by Spring Valley Water Co., to const. Stanford Heights reservoir at Twin Peaks Rd. and Corbett avenue. Will be of reinforced concrete construction.

PORTLAND, Ore.—Stiger & Lincoln, engineers, Railway Exchange Bldg., preparing spec .for 400,000-gal. conc. reservoir for Park Rose Water District to serve for reserve supply to present system; est. cost, $15,000. Bids will be asked in 30 days.

WINNEMUCCA, Nevada—See "Irrigation Projects," this issue. Grass Valley Reclamation project.

CALIFORNIA—See "Power Plants," this issue.

PIPE LINES, WELLS, ETC.

HUNTINGTON BEACH, Cal.—Application has been made by the Union Oil Company for permission to lay tow 8-in. oil pipe lines, beg. at pt. 1425 ft. n w from w city limits of Huntington Beach, Orange County, Calif., and extending into the Pacific Ocean a distance of about 4500 ft. from high water line.

SEATTLE, Wash.—Seattle Plumbing & Supply Co., at $549 awarded cont. by Bd. Pub. Wks. for fur. 30 flange unions, 12 swing check valves and 150 galv. beaded street ells for water dept. Continental Pipe Mfg. Co., at $335 awarded cont. for fur. 2000 malleable iron or cast steel shoes for water dept.

EUREKA, Humboldt Co., Cal.—American Cast Iron Pipe Co., Balboa Bldg., San Francisco, at $1.48 ft. awarded cont. by council for fur. f. o. b. steamer, dock San Francisco, 1500 lin. ft. 8-in. class B c. i. pipe. Delivery 60 days.

LOS ANGELES, Cal.—Until 3 p. m., May 18, bids will be rec. by pub. serv. comm., 207 S. Broadway, for riveted sheet steel pipe and fittings under spec. No. 668. Jas. P. Vroman, secy.

CALIFORNIA—See "Irrigation Projects," this issue.

SAN FRANCISCO—Western Pipe & and Steel Co., 444 Market St., at $2,231.-661.25 awarded contract by Bd. Pub. Wks. to construct Bay Crossing Pipe line for Hetch Hetchy project bet. Newark and Redwood City.

BURBANK, Cal.—Claude Fisher, 610 Wright & Callender Bldg., Los Angeles, awarded cont. by trustees for fur. and laying 9000 ft. 6-in. stand. screw w. l. water pipe on Magnolia Ave. at $1.44 ft., and 2500 ft. 4-in. same type of pipe 84c ft. Other bids were: Cornwell & Henderson, $1.70 6-in. and $1.10 4-in. Geo. Mitchell Co., $1.71 6-in., and $1.10 4-in.

PORTLAND, Ore.—Following is complete list of bids received by S. C. Pier, city purchasing agent, for fur. 8415 tons c. i. water pipe and 409,000 lbs. special castings for city water bureau:

(On the pipe the only complete bid was that of the U. S. Cast Iron and Foundry Co., Monadnock Bldg., San Francisco. Ray Woodbury Co., 909 Gasco Bldg., Portland, Ore., bid on all pipe, but failed to enclose a check or bond):

Tons	Size Inch	Wt. per 12 ft. Lbs.	Price	Amount
40	4	260	$63.90	$ 2,556.00
700	6	400	59.90	41,930.00
4000	8	570	58.90	235,600.00
2025	12	985	58.90	119,272.50
1525	16	1500	59.40	90,585.00
125	24	2800	59.40	7,425.00
8415 tons				$497,368.50

On the same pipe f. o. b. cars at their plant at Birmingham, Ala., they bid as follows: 4-in. at $54, 6-in. at $50 and the 8, 12, 16 and 14-in. at $49, or a total of $413,235.

The same company bid as follows on centrifugal cast iron pipe made according to the De Lavand process as an alternate proposal, figures f. o. b. Portland:

Feet	Size Inch	Wt. per 12 ft. Lbs.	Price	Amount
42,048	6	302	$0.926	$38,936.45
168,420	8	441	1.326	223,324.92
49,332	12	769	2.295	113,216.94
				$375,478.31

Ray Woodbury Co. bid on the entire 8415 tons as per specifications in the first bid of the U. S. Cast Iron Pipe and Foundry Co., at $57.49 per ton f. o. b. Portland, or a total of $483,778.35

Oregon Iron and Steel Co., Portland, did not bid on the entire tonnage but submitted the following bid f. o. b. Portland:

Tons	Size Inch	Wt. per 12 ft. Lbs.	Price	Amount
40	4	260	$65.00	$2,600,000
100	6	400	61.00	6,100.00
450	8	570	61.00	27,450.00
250	8	570	59.00	14,750.00
100	12	985	59.00	5,900.00
400	12	985	61.00	24,400.00
300	16	1500	61.00	18,300.00
				$99,500.00

The following bids were received on 409,000 pounds of special castings:

American Cast Iron Pipe Co., 860 lbs. at $6.25 per cwt.; 408,140 lbs. at $5.75 per cwt.; $23,521.80.

Wood Ewing Iron Works, 409,000 lbs. at $5.73; $23,435.70.

Phoenix Iron Works, 409,000 lbs. at $6.50; $26,585.

Independent Foundry Co., 409,000 lbs. at $7; $28,630.

U. S. Cast Iron Pipe & Fdy Co., 409,-000 lbs. at $5.10; $20,859.

Western Foundry Co., 409,000 lbs. at $7.20; $29,448.

Peninsula Fdy. & Mch. Works, 409,000 lbs. at $6.65: $27,198.50.

YUMA, Ariz.—Until 10:45 a. m., May 28, bids will be rec. by trustees of Yuma grammar school dist No. 1 to drill one 16-in. stove pipe casing well at s.w. cor. blk. 119. Cert. chk., 5%, payable to J. Homer Smith, chairman. E. A. Freeman, clerk.

LOS ANGELES, Cal.—Until 11 a. m., June 4, bids will be rec. by supervisors for the sale of a franchise to lay pipe line for transportation of oil; in and along the Long Beach and Redondo ltd., starting at west city limits of Long Beach; thence to Alameda St.; and then south to Los Angeles city limits. The application for such a pipe line was made by the Blue Tank Pipe Line & Refining Co.

PORTLAND, Ore.—See "waterworks" this issue.

GLENDALE, Cal.—Alternate bids for furnishing 7000 ft. 12-in. water pipe received by city council May 10, were: Cast iron—American Cast Iron Pipe Co. $2.51 ft.; U. S. Iron Pipe Co., $61.53 per ton. Matheson Joint Pipe — Grinnell Sales Co., $1.89 ft. Steel Pipe—Baker Iron Works, $1.325 ft.; L. A. Mfg. Co., $1.33 ft.; Lacy Mfg. Co., $1.34 ft.; Western Pipe & Steel Co., $1.36 ft. Referred to Water Supt. Dietrick for report.

ORANGE, Cal.—City trustees authorize the purchase of more than 2 mi. of cast iron pipe for water mains.

ORANGE, Cal.—U. S. Cast Iron Pipe Co., 705 Wright & Callender Bldg., Los Angeles, awarded cont. by trustees for fur. 7600 ft. 4-in. class B c. i. water pipe at $70 per 100 ft.; and 4200 ft. 6-in. class B c. i. pipe at $91 per 100 ft.; all f. o. b. San Pedro.

LONG BEACH, Cal. — See "Water Works," this Issue.

LOOMIS, Placer Co., Cal.—Pacific Gas and Electric Co., 445 Sutter St., San Francisco, making plans to const. East Side Canal and Pipe line, extending from Loomis reservoir approx. 2558 ft. to supply water to lands in Secret Ravine; est. cost $19,900.

LONGVIEW, Wash. — See "Waterworks," this issue. Long Bell Lumber Company.

MARYSVILLE, Yuba Co., Cal.—Pacific Gas & Electric Co., 445 Sutter St., San Francisco, provides $7000 to reconstruct flume and trestle on mountain sides near Colgate plant.

SAN FRANCISCO—Western Pipe & Steel Co., 444 Market St., San Francisco, submits low bid to Bd. Pub. Wks. at $2,231,661 to construct. Bay Crossing Pipe line in Bay Crossing division of the Hetch Hetchy project, under Contract No. 90; est. cost, $2,700,000. Other bids were:

Moore Drydock Co.....$3,225,396
R. C. Storrie Co..... 3,226,305
Bethlehem Shipbuilding Corp. 2,450,115

YUMA, Ariz.—Until 11 a. m., May 28, bids will be rec. by trustees of Yuma grammar school dist. No. 1 for 200 lin. ft. 6-in. 12 gauge stove pipe well casing, f. o. b. Yuma. Cert. check 5% payable to J. Homer Smith, chairman. E. A. Freeman, clerk.

YUMA, Ariz.—Until 10:30 a. m., May 28, bids will be rec. by Yuma Grammar school trustees for lawn sprinkling system for the 4th Ave. grammar school.

Bids, same date, for pipes, pipe fittings and lawn sprinkler heads for a lawn sprinkler system. Cert. chk. 5%, payable to J. Homer Smith, chairman. E. A. Freeman, clerk.

FULLERTON, Cal.—U. S. Cast Iron pipe Co., Wright & Callender Bldg., Los Angeles, submitted only bid to city trustees, for fur. c. i. pipe involv. 43,000 ft. 4-in. class B at $68 per ton; 7500 ft. 6-in. and 8-in. class B pipe at $64.20 per ton, f. o. b. Fullerton. Taken under advisement.

SEWAGE DISPOSAL PLANTS

TUCSON, Ariz.—City council votes to sewer 335 additional acres for the city sewer farm. Total estimated cost of the disposal work, $21,000. The farm will have a total acreage of 590 acres. It is probable that a bond issue will be voted to cover the sewage disposal system and the cost of const. a new incinerator.

SAN FERNANDO, Cal.—S. G. Chamberlain, ex-city engr. has made an estimate of cost of sewer system and disposal plant proposed under new bond issue as follows: $20,000 for site of 20 acres; $25,000 disposal plant of one unit; $500 main from business dist. The chamber of commerce has appointed a committee to investigate and report.

SANTA ROSA, Sonoma Co., Cal. — Consulting Eng. Clyde F. Smith, 516 Santa Barbara ltd., Berkeley, estimates cost of remodeling sewer farm at $186,-334.50 Consideration of report postponed until next meeting.

PASADENA, Cal — Contracts for equipment for the sewage disposal plant awarded as follows: Concrete Machinery & Supply Co., gate valves; L. A. Cement Gun Co., lining reservoir.

HOLLISTER, San Benito Co., Cal.—Bonds of $48,000 vote to finance construction of sewage disposal plant, plans for which are being prepared by Clyde F. Smith, consulting engineer, 516 Santa Barbara Rd., Berkeley. Of the total amount voted $5000 will finance sewer extensions in Line St.

MISCELLANEOUS CONSTRUCTION

SEATTLE, Wash. — Architect J. L. McCauley, New York Block, taking bids to const. rein. conc. retaining wall at King and Weller Sts.: 144 ft. long, varying in height from 10 to 35 ft. Plans obtainable from owners, Rainier Heat & Power Co., Maynard and Jackson Sts., Seattle.

SAN BERNARDINO, Cal.—An expenditure of approx. $250,000 for the development of the famous Black Hawk mining region bet. Big Bear Lake and Old Woman's Springs will be made by Algernon Del Mar, altbough the construction hinges upon certain litigation, which is under way. The initial expenditure will be an ore refining plant costing $100,000. The plant would be operated by power from the Southern Sierras Power Co., whose lines will be extended to reach the new district.

LOS ANGELES, Cal.—Until 10 a. m., May 21, bids will be rec. by Bd. Pub. Wks. to const. vent. shaft and appurtenances for the Second St. tunnel, on Second St. 100 ft. east of Flower St. Spec. on file at the office of city engr. 405 s city hall annex. Cert. check or bond 10%.

SOUTH PASADENA, Cal.—R. A. Garnett, 1130 Loew State Bldg., Los Angeles, submits low bid to city trustees at $10,700 to const. reinf. conc. subway under Huntington Dr. at Fremont Ave., together with certain changes to sewer and storm drain. Other bids were: de Waard & Cobham, San Diego, $10,990; Joe Chutuk, Los Angeles, $11,118; Russell A. Murdock, $11,746; Prendergast Constr. Co., Los Angeles, $12,460; Mercereau Bridge & Constr. Co., Los Angeles, $12,679; H. R. Erdman, Alhambra, $13,755. Bids taken under advisement until May 28. Subway will be 209 ft. long, 6-ft. wide and 7 ft. high, inside dimensions, portion under railroad tracks to be heavy construction. Other work incl. 250 lin. ft. vit. pipe sewer and 2 manholes and 175 lin. ft. conc. box 3 ft. by 1½ ft.

GILROY, Santa Clara Co., Cal.—See "Power Plants," this issue; telephone line.

OROVILLE, Butte Co., Cal. — E. C. Coates, Marysville, at $14,232.25 awarded cont. by Oroville-Wyandotte Irrigation District to haul materials for Lost Creek dam project. Eight other bids were received.

OAKLAND, Cal. — See "Parks and Playgrounds," this issue. Mills College.

WATER WORKS

NAPA, Napa Co., Cal.—Sacramento Pipe Works, 7th and R Sts., Sacramento at $44,196 awarded cont. by council to furnish pipe for municipal water project from Milliken Canyon to Napa city limits. Montague Pipe & Steel Co., Hobart Bldg., San Francisco, bid $54,196. Mark-Lally & Co., 2nd and Tehama Sts., San Francisco, at $1569.50 awarded cont to furnish air and gate valves. San Francisco Engineering Co., 322 6th St., San Francisco, at $835 awarded cont. for castings. H. Kempkey, engineer, Hobart Bldg., San Francisco. H. A. Harrold, City Eng.

EL CAJON, Cal.—City trustees are discussing plans to finance the purchase and laying of water pipe, and construction of various improvements to the water tank facilities, costing approx. $6500.

SAN FERNANDO, Cal.—Chamber of commerce proposes bond issue for $50,000 to provide an increase in water mains and service.

PORTLAND, Ore.—Until May 22, 4 p. m., bids will be rec. by H. S. Smith, 106 4th St., Portland, to const. water system for Palatine Hill Water Dist., Multnomah county, Ore., involv. 8500 ft. 8-in. and 5750 ft. 6-in. class B c. i. pipe & fittings; 17,385 ft. 4-in. and smaller galv. steel pipe and fittings, valves, meters, reducers, etc. Alt. bids will be rec. for Matheson joint pipe, wood pipe and wrapped & coated steel pipe & fittings. Bids also desired for fur. and erect 67,000-gal. steel standpipe. Plans obtainable from above on deposit of $10, returnable.

GLENDALE, Cal.—Chicago Bridge & Iron Works, Rialto Bldg., San Francisco, submitted low bid to council at $6665 to fur. and install steel water tank, 42 ft. dia., 30 ft. high, of 300,000 gal. capacity, in Glendale Hts. Other bids were: Bethlehem Steel Co., $7100; Pittsburgh-Des Moines Steel Co., $7775; Baker Iron Works, $7990. Referred to Water Supt. for report.

LONGVIEW, Wash.—Long Bell Lumber Co., Kelso, Wash., authorized by Supervisors of Hydraulic of State Dept. of Conservation and Development, to appropriate waters on both north and south forks of Bobble creek, a tributary of the Coweman river on which company plans improvements totaling $663,000. Main project is on south fork, est. cost $600,000. 7.9 mi. of pipe will be required in addition to hydraulic fill dam 90-ft. high, 500 ft. long on top and 35-ft. at bottom. North fork project required 1.10 mi. of pipe line & dam 80 ft. high, 400-ft. long on top, 40-ft. at bottom; est. cost $63,445. Plans are being completed by Wesley Vandercook, ch. eng. for Long Bell Co.

LOOMIS, Placer Co., Cal.—Pacific Gas and Electric Co., 445 Sutter St., San Francisco, following an order of the State R. R. Com., will const. water system to supply town of Loomis. Will consist of large storage tank, electric pumping unit and independent distributing system. Plans for the work are being completed by Engineering Dept. of P. G. & E. Co.

LONG BEACH, Cal. — City council is developing plans for expenditure of $2,500,000 for a new water system, involv. constr. of new reservoir, increasing storage capacity from 5,000,000 to 40,000,000 gals., and the laying of new water mains. There will also be a number of wells drilled. It is said a bond issue will not be necessary.

FULLERTON, Cal. — Pittsburg-Des Moines Steel Co., submitted low bid to city trustees at $7320 to const. 75,000-gal. tank on 75 ft. tower at Fullerton (exculsive of foundn.) Chicago Bridge & Iron Wks. bid $8800.

TACOMA, Wash—Constructing Quartermaster, U. S. Army, at Camp Lewis, has been authorized to enter into a contract to install c. i. water mains. Authorized to proceed with the work has been received from Washington.

YUBA CITY, Sutter Co., Cal.—City votes bonds of $32,000 to finance extensions to water works system. Edw. Von Geldern, city engineer.

NEWPORT BEACH, Cal.—The $13,000 water extension bond issue carried. Project involv. approx. one mile of 6-in. cast iron water pipe. Paul E. Kressly, 732 H. W. Hellman Bldg., engr.

SAN BRUNO, San Mateo Co., Cal.—June 16 is date set to vote bonds of $220,000 to finance extension of municipal water system. Geo. A. Kneese, Courthouse, Redwood City, eng.

SANTA BARBARA, Cal.—Montecito water board has received approval of the proceedings for the $800,000 bond issue. Leeds & Barnard have been engaged as consulting engrs. on the project, and are now at work on detailed plans for the water tunnel to be constructed in Toro Canyon.

SANTA CLARA, Santa Clara Co., Cal.—Town trustees will purchase three deep well turbine pumps for municipal water works plant. A. J. Cronin, town clerk.

MODESTO, Stanislaus Co., Cal.—See "Irrigation Projects," this issue.

EUREKA, Humboldt Co., Cal.—City council will call election for June 18 to vote bonds of $100,000 to finance purchase of lands and park improvements. Previous election was defeated. A. Walter Kildale, city clerk.

PLAYGROUNDS & PARKS

RICHMOND, Contra Costa Co., Cal.—City council sells $75,000 bond issue to finance playground improvements for premium of $518.

SAN FRANCISCO—Supervisors will provide $102,000 in 1923-24 budget for park and playground improvements.

TURLOCK, Stanislaus Co., Cal—Election will be held May 28 to vote bonds of $20,000 to finance construction of municipal swimming pool. Horace Hall, city eng.

OAKLAND, Cal. — Architect W. H. Ratcliff, Jr., 1st Natl. Bank Bldg., Berkeley, has completed plans and bids will be asked shortly to const. conc. and tile swimming pool at Mills College grounds; est. cost $25,000.

SEWERS AND STREET WORK

OROVILLE, Butte Co., Cal.—Until June 5, 1:45 P. M., bids will be rec. by C. F. Belding, County Clerk, to imp. Sec. B of Humboldt Rd. Cert. check 10% req. with each bid. Harry H. Hume, County Rd. Eng.

LONG BEACH, Cal.—Council declares inten. to imp. under 1911 Act following:

Alley east of American Ave. bet. 19th and Rhea St., and portions of other alleys and streets: Grade and pave with 4-in. cem. concr.; const. Class B cem. curb.

Termino Ave., bet. First and Allin Sts., and portions of other Sts.: Grade and pave with 6-in. asph. macad.; const. curb, walk, gutter, 6-in. cem. hse. sewers.

TUCSON, Ariz.—Council declares inten. to imp. 6th St., bet. Stone and Park Aves.: Grade; pave; const. curbs, walks, gutters. Bids will be asked on 1½-in. Warrenite-bitul. on 2½-in. bitum. base; 1½-in. asph. concr. on 2½ in. bitum. base; 1½-in. asph. type Willite surface on 2½-in. bitum. base; or 5-in. cem. concr. L. O. Cowan, City Clerk.

SANTA ANA, Cal.—City trustees declare inten. to imp. Buffalo Ave., bet. N. Main St. and N. Broadway: Grade and pave with 6-in. cem. concr. and belt finish wearing surface; excav. of trenches and laying of 6-in. vit. hse. sewers; 1911 Act, and 1915 bond imp. act. E. L. Vegely, City Clerk.

HANFORD, Kings Co., Cal.—City Eng. Ben Duffield preparing spec. to imp. Kaweah St., bet. 9th and Porter; Central Ave., bet. Kaweah and west city limits; Ford bet. Kaweah and Park Ave and Park Ave. bet. Central and Park St.

BERKELEY, Alameda Co., Cal.—Council rejects bids to imp. Cedar St., bet. 3rd and 1st, by grading and const. 2 catchbasins. New bids will be asked. C. L. Higgins, City Eng.

LOS ANGELES, Cal.—Supervisors declare inten. to imp. roads under R. D. I. No. 237 (Florence Ave. from Wright Rd. east to Compton Jabonerla Rd.), involv. 7117 cu. yds excav., 17,730 sq. yds. shaping roadway, 17,730 sq. yds. concr. pavement. Est. contr. price, $50,283.30. Average haul from Cudahy on S. P. R. R., 2 mi. Protests, June 11.

VISALIA, Tulare Co., Cal.—Valley Paving & Const. Co. Visalia, awarded cont by council to imp. Willis St., involv 2807 cu yds. grading, cut; 75 cu yds. grading fill 194,370 sq. ft. 2½-in. asph. conc base with 1½-in. Warrenite-Bit. surface pavement; 3438 lin. ft. surb; 7452 lin. ft. gutter; 528 lin. ft. culvert part circle, corru. iron; 132 lin. ft. 8-in. corru. culvert; 1040 sq. ft cem. conc alley approaches; 1079 lin. ft. 8-in vit. tile pipe storm sewer; 2 br. storm sewer manholes; 10 catchbasins, 934 lin. ft. header boards, (left in place); 270 lin. ft. c. l. corner drain pipe. Unit bid for grading is $1.50; pave. $.20½; curb, $.70; gutter, $.50.

Clark & Henery Constr. Co. only other bidder: Grade, $1.50; pave. $.222; curb, $.70; gutter, $.55.

INGLEWOOD, Cal.—Braun, Bryant & Austin, 1680 4th St., Santa Monica, awarded contr. by city trustees at $10,-332.92 to imp. Walnut St., involv. subgrade, $1.83 lin. ft.; 2672 ft. curb, 60c ft.; 10,687 sq ft. walk, 20c ft.; 48,095 sq. ft. 2-in. oiled macad. pavement, 8c ft.

W. H. Goff, 745 Lyon St., Los Angeles, awarded contr. at $7,500 to imp. Tamarack Ave., involv sub-grade, $3.70 lin. ft.; 1190 ft. curb, 62c ft.; 6820 sq. ft. walk 20c ft.; 22,877 sq. ft. 5-in. oiled macad paving, 14.9c ft.

W. H. Goff, awarded contr. at $13,785 to imp. Myrtle Ave., involv. sub-grading, $1.70 lin. ft.; 2636 ft. cem curb, 62c ft.; 10,830 sq. ft. walk, 20c ft.; 51,835 sq. ft. 5-in oiled macad paving, 14.9c ft.

Bob Bosco, 208 D. 2nd St., Los Angeles, low bidder at $45,877 to imp. Manchester Ave., Severance St., and Osage Ave., involv. sub-grading, 7c yd.; 5140 ft curb, 65c ft.; 27,897 sq. ft. walk, 20c ft.; 8444 sq. ft. gutter, 30c ft.; 59,-860 sq. ft. 5-in. oiled macad. pavement, 15c ft.; 34,375 sq. ft. oil and rock surface 6c ft.; 1169 ft open storm drain, $6 ft.

BERKELEY, Alameda Co., Cal.—Until May 29, 10 A. M., bids will be rec. by E. M. Hann, City Clerk, to imp Center St., bet. Shattuck Ave. and Grove St., by setting back curb; const. comb. armored conc. curb and gutter; pave portions with asphaltic pavement and portion of old pavement to be heated and raised to conform with new pavement; const. cem. walks; conc. catchbasin with 12-in vit. sewer connections. 1911 Act. and Bond Act 1915. Certf check 10% payable to city req. C. L. Higgins, City Eng.

LOS ANGELES, Cal.—Joe Mullarkey, 8435 S Vermont Ave., submits low bid to Bd. Pub. Wks. to imp. 36th St., bet. Western Ave. and St. Andrews Pl., involv. 208 sq. ft. conc. paving 30c ft.; 28,433 sq. ft rough grading 3c ft.; 28,439 sq ft. finish grading, oiling and rolling 5.5c ft.; 2032 ft. curb 60c ft.; 10,056 sq. ft. walk 20c ft.; 4245 sq. ft. gutter 27c ft.

D. D. Chapman, 216 N Johnston St., low to imp. Meridian St., bet. Marie Ave and Annandale Blvd., involv. 314 sq. ft conc pav 35c ft.; grading $1600 (lump sum); 29,738 sq. ft. grading and oiling, 7c ft; 1852 ft. curb 75c ft.; 6740 sq. ft. walk 23c ft.; 3769 sq. ft. conc. gutter 33c ft.

Joe Mullarkey low to imp. Long Beach Ave., bet. 51st and 53rd Sts.; involv. grading $500 (lump sum); 18,-054 sq. ft. conc paving 25c ft.; 1216 ft curb 60c ft.; 3020 sq. ft. walk 20c. C. R. Butterfield, 700 W 8th St., San Pedro, only bidder to imp. 39th St., bet Carolina and Gaffey Sts., involv. 770 sq. ft. conc paving 50c ft.; grading $200 (lump sum); 15,600 sq. ft. finish grading, oiling and rolling 7c ft.; 125 sq. ft. gutter 50c ft.

WOODLAND, Yolo Co., Cal.—Hart Const. Co. Gerber, at $67,900 (revised bid) awarded cont. by supervisors to const 4.10 mi. highway through West Sacramento, connecting Riverview with Washington. Original bids received on this project ranged from $106,000 to $110,000. Asa G. Proctor, county eng.

PETALUMA, Sonoma Co., Cal.—Council orders const. of sewer in Keller St. bet Oak and Kent Sts. N. S. Frost, city eng.

SOUTH PASADENA, Cal.—Until 5 p. m., May 28, bids will be rec. by city trustees to imp. Oak Hill Ave. involv. 1540 cu. yds. excav.; 18,000 sq. ft. 2-in. rock and oil paving; 2500 sq. ft. cem. gutter; 950 lin. ft. curb; 1911 Act. Nettie A. Hewitt, city clerk. (No bids were received for this work may 14).

OAKLAND, Cal.—See "Bridges," this issue. Mills College.

SAN FRANCISCO—City Const. Co., Call Bldg., San Francisco, at $20,718.28 submits low bid to Bd. Pub. Wks. to imp. Rhode Island St., bet. 22nd and 23rd sts., involv. 1600 cu. yds. cut; 1732 lin. ft. conc. curb; reset 96 lin. ft. granite curb; const. 10,950 sq. ft. art. stone walks; 23,184 sq. ft. asph. conc. pave and 24,800 sq. ft. conc. pavement. Other bids: Municipal Const. Co., $20,746.48; Raisch Imp. Co., $21,515.32; J. M. Smith, $20,807.72.

Jas. M. Smith, Phelan Bldg., at $8,-474.16 low bidder to imp. Precita Ave., bet. Alabama and Folsom Sts.; involv. 795 lin. ft. conc. curb; 5450 sq. ft. art. stone walks; 22,572 sq. ft. asph. conc. pavement; 1 br. catchbasin; 30 lin ft. 10-in. culvert.

City Const. Co., low bidder at $9019.50 to imp. Exeter St., bet. Paul and Salinas Aves., involv. 2588 cu. yds. cut; 383 cu. yds. fill; 1200 lin. ft. conc. curb; 18,000 sq. ft. asph conc. pavement. Other bids: Municipal Const. Co., $9135.90; Raisch Imp. Co., $9765.83.

Raisch Imp. Co., 46 Kearny St., San Francisco, low bidder at $1645.40 to improve crossing of 26th and York Sts., involv. resetting 75 lin. ft. granite curb, const. 15 lin. ft. granite curb; 30 lin. ft. 8-in. sewer; 3 br. catchbasins; 553 sq. ft. art. stone walks; 3344 sq. ft. asph. conc. pavement; 25 lin. ft. 10-in. culverts. Only other bid: Municipal Const Co., $1821.62.

No bids rec. to const. 5580 sq. ft. art. stone walks in 18th ave., bet. Cabrillo and Fulton Sts.

SACRAMENTO, Cal.—City Comm., H. G. Denton, clerk, declares inten. to improve:

10th Ave., bet. 44th and Stockton Blvd.: const. conc. curb and gutter; c. l. gutter drains with 6-in. vit. manhole connections; reconst. manholes; extend vit. sewer services to curb; ¾-in. water main connections; grade; pave with 4-in. asph. conc. with steel coat.

1 St., bet. 39th and pt. 467.8 ft. east; const. conc. curb and gutter; 1-in. water main connections; grade; pave with 4-in. asph. conc. with seal coat.

7th St. from alley bet. D and E Sts. to G St.; reconst. catchbasins and manholes; grade and place on finished subgrade 2-in. asph. conc. pavement.

All under 1911 Act. Protests May 31. Albert Givan, city eng.

LOS ANGELES, Cal. — Martin G. Brkich, 1506 Pleasant Ave., submits low bid to Bd. Pub. Wks. at $27,340 to sewer J St., bet. Fries and Lagoon Aves, involv. 12,885.02 ft. 8-in. sewer pipe; 508 8x6 wye; 11,432.5 ft. 6-in. hse. connections; 31 manholes; 7 shallow flush tanks; one standard flush tank; 41 manhole frames and cover sets; 4 existing structures to be remodeled; 3 F type junction chambers.

SAN FERNANDO, Cal.—See "Sewage Disposal Plants," this issue.

NEWPORT BEACH, Cal.—W. M. Ledbetter & Co., Pacific Electric Bldg., Los Angeles, awarded cont. by city trustees at approx. $18,000 to const. walks and bulkheads on Balboa Island. Paul W. Kressly, 732 H. W. Hellman Bldg., Los Angeles, city engr.

TUCSON, Ariz.—Borderland Constr. Co., Phoenix, awarded cont. by council to imp. sts. in Brooklyn Hts., involving 13,000 cu. yds. grading and excav. 60c yd.; 6460 ft. 18-in. conc. curb 70c ft.; 2965 ft. 8-in. vit. pipe sewer 65c ft.; 2 manholes $100 each; 4 manholes, $25 each; 2 flush tanks $140 each; 1450 cu. yds. sewer excav. $1.80 yd.; 13 monuments $12 each.

NEWPORT BEACH, Cal.—The $140,-000 sewer bond issue carried. Work will involve approx. 7 miles of conc. sewer line and septic tank. Paul E. Kressly, 732 H. W. Hellman Bldg., engr.

SACRAMENTO, Cal.—City Comm, H. G. Denton, clerk, declare inten. to improve:

Stockton Blvd., bet. 31st St. and S. P. right of way and bet. S. P. right of way and 2nd Ave.; reconst. manholes; grade; place crushed rock on present asph. conc. where below sub-grade; const. on finish sub-grade asph. conc. pavement.

Alley bet. H and I, 16th and 17th Sts; alley bet. Y and 1st Ave. and 32nd and 33rd Sts. and alley bet. Y and 1st Ave., 33rd and 34th Sts.: const. new and reconst. present catchbasins with 6-in. vit. sewer connections; reconst. manholes; const. conc. curtain walls; extend sewer services to prop. lines; 1-in. water main connections; grade; pave with 5-in. hyd. conc.

T St., bet. Front & 15th Sts., except inter. of 3, 10, 13 and 14th Sts.: const. conc. curb and gutter; reconst. manholes and catchbasins; grade; 2-in. asph. conc. pavement. All under 1911 Act. Protests May 31. Albert Givan, city engineer.

ANAHEIM, Cal.—Griffith Co., L. A. Ry. Bldg., Los Angeles, awarded contr. by city trustees at $12,222 to pave portions of West and Emil Sts., involv 46,000 sq. ft. 2-in. asph. conc. surface on 5-in. cem. conc. base 26.4c ft.

Ed B. Garretson, Long Beach, awarded contr. at $9225 to pave 4 alleys involv. 39,000 sq. ft. 6-in. conc. 23.5c ft.

Griffith Co. awarded contr. at $20,-298 to pave Helena and other streets, involv. 197,000 sq. ft. 1½-in. asph. conc. surface on 3½-in. asph. conc. base at 20.9c ft.

LOS ANGELES, Cal.—Until 11 a. m., May 28, bids will be rec. by supervisors to imp. Vine Vale, bet. Baker and Florence Aves. and portions of other sts. under County Imp. No. 15, in Rd. Div. 402, 4610 lin ft. involv. 6196 cu. yds. excav.; 9040 ft. curb; 36,164 sq. ft. walk; 154,442 sq. ft. oiling and screenings roadway, including shaping. Est. contr. price, $20,796.35. Average haul, .66 mi. from Walker Station on the P. E. Ry.

LOS ANGELES, Cal.—Jahn & Bressi, 522 Byrne Bldg., Los Angeles, submit low bid to Bd. Pub. Wks. at $43,854.93 to imp. Van Ness Ave., bet. Lemon Grove and Beverly Blvd., involv. grading $1800 (lump sum); 160,651 sq. ft. cem. conc. paving 23c ft.; 1413 ft. curb 65c ft.; 15,707 sq. ft. walk 20c ft.; 687 sq. ft. gutter 30c ft.; 1127 ft. hse sewers 75c ft.

PHOENIX, Ariz. — State Highway Comm. shortly takes bids to pave 4 mi. on the Marinette-Hot Springs Junction Rd., west of Marinette. Pavement will be 18-ft. wide, 6-in. thick. 130-ft. bridge across the overflow channel of Agua Fria River incl. in project. Frank R. Goodman, Phoenix, state highway engr.

LOS ANGELES, Cal.—Until 10 a. m., June 11, bids will be rec. by Bd. Pub. Wks. to const. conc. road at Hyperion, bet. Coast Boulevard and Hyperion sewage treatment plant, approx. 3200 ft., involv. 63,766 sq. ft. class A conc. pavement; 34,132 cu. yds. excav.; partially wasted in fill. Cert. chk. or bond 10%. Plans and spec. on file at the office of the city engr.

SACRAMENTO, Cal.—Until May 24, 9 p. m., bids will be rec. by H. G. Denton, city clerk, to imp. following streets:

Alley bet. 3rd and 4th Aves., 33rd and 34th Sts; alley bet. T & U, 5th and 6th Sts. and alley bet. O and P, 10th and 11th Sts: const. conc. catchbasins with 6-in. vit. sewer connections; extend sewer services to property line; reconst manholes; c. l. gutter drains with 6-in. vit. sewer connections; const. conc. curtain wall; install 1-in. water main connections; grade; 5-in. hyd. conc. pavement.

9th St., bet. N and R Sts., except inter. of O, P, & Q Sts: const. conc. curb and gutter; c. l. gutter drains with 6-in. vit. manhole connections; reconst manholes and catchbasins; const. new stand. manholes; grade; asph. conc. pavement.

T St., bet. 15th and 28th Sts., except inter. of 16, 21 and 22nd Sts.: reconst. manholes; grade; pave with 2-in. asph. conc. with seal coat.

Cert. check 10% payable to city req. Albert Givan, city eng.

BURLINGAME, San Mateo Co., Cal.—Chambers and De Goyler, Bacon Bldg., Oakland, at $6172.25 awarded cont. by city trustees for sewers in Easton Addition sub-divisions, involv. 23 manholes; 19 lampholes; 3850 lin. ft. 6-in. ironstone pipe sewer; 125 4x6-in. sewer wyes. Schultz Const. Co., at $4810 submitted low bid but this was rejected as not being in conformity with request for bids. Other bids: Fay Imp. Co., $13,088; T. S. Seavy, $8367.50.

PASADENA, Cal.—Until 10 a. m., May 23, bids will be rec. by city directors to imp. under 1911 Act, following sts.:

Atchison St., bet. Los Robles and Madison Aves.: pave with 2-in. oil macad.

Hawkeye St., bet. Lake and Mentor Aves., grade and pave with 2-in. oil macad.; const. curb, walk and gutter.

Fair Oaks Dr., bet. Fair Oaks Ave. & Morton Ave., grade and pave with 2-in. oil macad.; const. curb, gutter.

Garfield Ave., bet. Walnut and Villa Sts., const. curb, gutter and culvert extensions.

Allen Ave., bet. Colorado St. and south line of A. T. & S. F. Ry. right-of-way; grade and pave with 6-in. macad.; const. curb, gutter, walk and culvert extensions.

Allen Ave., bet. Colorado St. and so. line of A. T. & S. F. Ry. right-of-way, grade and pave with 6-in. macad.; const. curb, gutter, walk and culvert extensions.

Bessie Chamberlain, city clerk. W. C. Earle, city engineer.

PHOENIX, Ariz.—Le Moor Construction Co., El Paso, Texas, at $467,581.72 submits low bid to Dist. Eng. U. S. Bur. Pub. Rds. to construct Forest Highway project known as Prescott-White Spar project. Other bids: Henry Galbraith, Jerome, Ariz., $546,716; Cashion-Caldwell Co., Phoenix, Ariz., $598,952.55; Thos. Maddock, Phoenix, $620,793.10; H. B. Williams, El Paso, Texas, $626,706.42; A. J. & J. L. Fairbanks, Inc., San Francisco, $645,621.10; Cotey-Black & Co., Clifton, Ariz., $685,138.70. Recommendation has been made that the contract be awarded the low bidder.

SALEM, Ore.—Until May 28, 10 a. m., bids will be rec. by State Highway Commission, meeting in Multnomah County Courthouse, Portland, for following highway projects:

Deschutes County: Unit No. 2, Lower Bridge Market Rd., near Cline Falls, 7.45 mi. grading, involv. 15,000 cu. yds. excavation and 6.55 mi. grader work.

Lake County: Chewaucan Narrows-Paisley Sec., Prineville-Lakeview Highway, 9.94 mi. grading involv. 41,000 cu. yds. excavation; 10.43 mi. crushed gravel surfacing involv. 18,000 cu. yds. surfacing materials.

Tillamook county: Tillamook City Sec., Roosevelt Coast Highway, 0.14 mi. conc. pavement, 20-ft. wide.

Yamhill County: Sheridan-Bellevue Sec., McKinnville-Tillamook highway, 4.0 mi. roadbed widening and rock shoulder construction involv. 5000 cu. yds. excavation; 2.0 mi. grader work & 2000 cu. yds. broken stone shoulder material.

Spec. for each project obtainable from comm. on deposit of $5.00. Cert. check 5% req. Roy A. Klein, State Highway Eng.

SAN RAFAEL, Marin Co., Cal. — City council orders plans prepared to imp. Picnic Ave., bet. Eva St. and Bungalow Ave., and Cemetery road from I to J Sts. and from Centre to Fifth Ave.

EUREKA, Humboldt Co., Cal.—Representatives of paving companies are conferring with property owners in 7th St. with regard to paving that thoroughfare. Concrete pavement will probably be selected.

SAN JOSE, Santa Clara Co., Cal.—City council, J. J. Lynch, clerk, declares inten. to imp. 17th St., bet. Santa Clara and San Carlos Sts.: grade; 1½-in. Durite asph. conc. surface on 3-in. Durite asph. conc. base; conc. curbs and gutters and walks; 2 br. catchbasins; 8-in. vit. pipe drains. 1911 Act & Bond Act 1915. Protests June 4. Wm. Popp, city engineer.

SAN DIEGO, Cal. — Griffith Co., 25 14th St., San Diego, awarded cont. by council at $24,347.12 to pave Goldfinch, Bush and Ibis Sts.

SAN PABLO, Contra Costa Co., Cal. —Until May 29, 8 p. m., bids will be rec. by R. V. March, secy. San Pablo Sanitary District, to const. 6-in. lateral sewers in portions of Gertrude, Alano, Duboce, Sanford Willow Aves., Filbert, Kelsey, Cherry Sts., etc.; br. and conc. manholes with c. i. covers; wye branches, etc. 1911 Act. Cert check 10% payable to dist. req. Spec. obtainable from secy.

ORANGE, Cal.—Until 1 p. m., May 22, bids will be rec. by trustees for purchase of $12,000 storm drain bonds recently voted. W. A. White, city clerk.

MARTINEZ, Contra Costa Co., Cal.—County Surv. R. R. Arnold preparing spec. to straighten and cut down Child's Hill to 6% grade; est. cost bet. $10,000 and $12,000. Approx. ½ mile of road will be rebuilt.

EL CENTRO, Cal. — Until 10 a. m., May 25, bids will be rec. by supervisors to imp. W ½ of 9th St., bet. Main and State Sts., grade; pave with asph. conc. base and wearing surface. C. G. Mousseau, city clerk.

BURBANK, Cal.—George A. Simpson, 315 Jessie St., San Fernando, awarded contract by city trustees to improve Providencia Ave., bet. 10th St. and Sunset Canyon Dr., at 42c cu. yd. grading; 9.5c sq. ft. paving with macad.; 6c sq. ft. oiling an tamping; 50c ft. curb; 17c sq. ft. walk; 10c sq. ft. rock gutter; $200 all culverts necessary.

FRESNO, Fresno Co., Cal.—Standard Oil Co., at $.75 per bbl. delivered Seguro, Calif., or approx. $1.12 delivered Fresno, awarded cont. by supervisors to fur. 100,000 bbls. road oil. Union Oil Co., bid $.75 per bbl. del. Winoil and A. F. Gilmore, Los Angeles, $74½ del. Taft or Maricopa. It is estimated that approx. 50,000 bbls. will be required in addition to the above contract.

LONG BEACH, Cal.—Griffith Co., L. A. Ry. Bldg., Los Angeles, awarded contract by council at $105,000 to const. Linden Ave. storm drain sewer and extension (reinf. conc. pipe of 12-in. to 42-in. dia.).

TURLOCK, Stanislaus Co., Cal. — Until June 5, 8 p. m., bids will be rec. by A. P. Ferguson, city clerk, to imp. Orange St., bet. South Ave. and W-Main St.: grade; pave with 3-in. asph. conc. with 1½-in. Warrenite-Bit. surface; conc. curbs and gutters; corru. iron culverts. 1911 Act and Bond Act of 1915. Cert. check 10% payable to city req. Horace Hall, city eng.

SALEM, Ore.—Until May 28, 2 p. m., bids will be rec. by State Highway Commission, meeting in Rm. 502 Multnomah County Courthouse, Portland, for fur. commencing June 1: 15,000 gals. motor oil; 3500 lbs. cup grease and 12,500 lbs. transmission lubricant. Cert. check 5% req. Further information obtainable from State Highway Machine Shops, Salem, Ore. Roy A. Klein, state highway engineer.

GERLAC, Nevada—See "Miscellaneous Buildings."

CARSON, City, Nevada—Ken Hodgman, Klamath Falls, Ore., at $88,918.50 awarded cont. by State Highway Commission to const. 11.87 mi. in Humboldt county, bet. Winnemucca & Toll House. Project involves 58,000 cu. yds. unclass. excav.; 7 mi. prepare subgrade and shoulders; 10,200 cu. yds. loading and screening gravel; 56,300 yd. mi. hauling and 10,200 yds. spreading gravel; 160 cu. yds. class A and 105 cu. yds. class B concrete; 352 lin. ft. 15-in., 367 lin. ft. 8-in., 368 ft. 24-in., 160 lin. ft. 30-in. and 80 lin. ft. 36-in. corru. metal pipe; 1968 ft. wooden guard rail; 44 monuments; 2 sign posts; 1550 cu. yds. loading, and 3500 yd. mi. hauling and 1550 cu. yds. spreading selected material for sub-base. Other bids were: John Ross, Yerington, Nevada, $98,861.65; Dodge Bros. & Dudley, Fallon, Nevada, $102,514.80; Strange and Vallandingham Salt Lake City, Utah, $136,695.50.

VALLEJO, Solano Co., Cal.—City Eng T. D. Kilkenny completes spec. to pave Butte St. bet. Kentucky and Ohio; Napa bet. Pennsylvania and Maine; Garford alley, bet. Sonoma and Sutter and Ford alley bet. Sacramento and Marin sts.

LOS ANGELES, Cal.—Tyron & Brain, 201 Tajo Bldg., Los Angeles, awarded cont. by Bd. Pub. Wks. at $259,186 to imp. Western Ave., bet. Slauson and Manchester Aves., involv. grading $23,000 (lump sum); 675,616 sq. ft. conc. paving 24.2c. ft.; 1280 ft. heavy curb 65c ft.; 14,975 sq. ft. walk 20c ft.; san. sewer complete $58,000; 19,744 ft. light curb 55c ft.

BERKELEY, Alameda Co., Cal. — Hutchinson Co., 1705 Broadway, Oakland, at $11,094 awarded cont. by council to imp. Alcatraz Ave., bet. Adeline Street and east city limits; const. concrete curbs and gutters; grade; pave with 7-in. asph. conc.; 2 curb inlets; 1 conc. catchbasin. Other bids: Oakland Paving Co., $11,197; Bates and Borland, $11,413.

SANTA BARBARA, Cal.—A road imp dist in Mission Canyon has been formed to pave a portion of the tunnel road which opens up the territory around the southern terminal of the tunnel to the Gibraltar dam. The dist. comprises approx. 1000 acres.

SAN JOSE, Santa Clara Co., Cal.—A. J. Raisch, 46 Kearny St., San Francisco, awarded contracts by council to improve:

10th St., bet. north line of Reed and south line of Reed Sts.: grade; 1½-in. Durite asph. conc. surface on 3-in. Durite asph. conc. base; 1 br. catchbasin; 8-in. vit. sewer pipe manhole connections.

5th St., bet. Reed & Virginia Sts.: Grade; 1½-in. Durite asph. conc. surface on 3-in. Durite asph. conc. base; cem. conc. curbs and gutters; conc. walks; 6 br. catchbasins; 8-in. vit. pipe drain.

SAN BERNARDINO, Cal. — Council declares inten. to const. 8-in. vit. pipe sewer in Rialto Ave., bet. Allen St. and Arrowhead Ave., with four manholes and 70 wyes; also 8-in. vit. pipe, sewers in other sts. 1911 Act. J. H. Osborn, city clerk.

TUCSON, Ariz.—Borderland Constr. Co., Phoenix, submitted low bid to council at $16,995 to imp. Sts., in Brooklyn Hts. Addn. Geo. B. Singleton bid $20,116.70.

George B. Singleton, Tucson, low bidder at $42,044 to grade various sts. in southwest section of the city, and known as Southwest grading improvement; Goodman & Merrill bid $47,252.

Bids referred to the city engr., G. H. Atchley.

LOMONA, Cal.—Council declares intention to imp. Phillips Blvd., bet. Garey and Towne Aves.; grade and pave with 5-in. macad. paving; 24-ft. wide; 1911 Act. T. R. Trotter, city clerk.

SAN RAFAEL, Marin Co., Cal.—F. C. McIntyre, Farmers & Merchants Bank Bldg., Stockton, at $13,825, surfacing at $1.70 cu. yd. awarded cont. by supervisors to imp. Lucas Valley Rd. in Dist. 1. Other bids: J. M. Deluca, $16,728, surfacing, $3 cu. yd.; S. P. Brownlee, $13,015.25, surfacing $2.50 cu. yds.; F. A. Mero, $16,899, surfacing, $3 cu. yd.

REDONDO BEACH, Cal.—Council declares inten. to imp. Central Ct., bet. Vincent and Emerald Sts., and portions of other sts. grade and pave with 3½-in. oiled macad. pavement, constructing curb, gutter, rw. headers; Vrooman Act. Harry Polglase, city clerk.

SAN RAFAEL, Marin Co., Cal.—Until June 5, 2. p. m., bids will be rec. by Robt. E. Graham, county clerk, to imp. Manzarita and Bolinas county rd. in Rd Dist. 3, commencing at junction of state highway and running to summit of Dias Ranch, also to imp. Bolinas County rd. from Steep Ravine to Randall Ranchh. Cert. check 10% payable to Chair. Bd. of Sups. req. Plans obtainable from clerk.

VISALIA, Tulare Co., Cal. — T. A. Hanrahan, Call Bldg., San Francisco, awarded cont. by supervisors at $81,-762 to const. roadway under Prop. No. 3, Dinuba West Div. from w. bound. of Dinuba, w. along present highway approx. 4 mi., involv. (1) 1600 cu. yds. excav. at $7.50 yd; (2) 1948 cu. yds. A conc. $13 yd.; (4) 3607 tons asph. conc. surfacing $6 ton; (3) 2424 tons asph. conc. base $6 ton; (4) 1212 tons asph. conc. surfacing (on asph. conc. shoulders) $6 ton. Other bids were:

Valley Paving & Constr. Co., Visalia —(1) $1.25, (2) $9.75, (4) $7.96, (3) $7.50 (4) $7.50.

Nate Lovelace, Visalia—(1) 75c, (2) $7.74.

C. R. Gurdy, Porterville—(1) $1, (2) $6.55.

Frederickson & Shannon, Fresno—(1) $1.22, (2) $6.10.

Sorenson & Demat, Sanger—(1) $1.50 (2) $6.45.

J. A. Dowling, Call Bldg., San Francisco, was awarded cont. at $25,452 to const. roadway under prop 1, Lindsay-Tulare Div., from n.e. cor. of Sec. 12, T. 20 S., R. 2 5E east to n.e. cor. of Sec. 8, T. 20 S. R. 26 E. M. D. B. & M., involv. (4) 1787 tons asph. conc. surfacing $6.80 ton; (3) 1191 tons asph. conc. base $7 ton; (4) 598 tons asph. conc. surfacing (on shoulders) $6.65 ton.

C. R. Gurdy, Porterville, awarded contr. at $6827, involv. 670 cu. yds. excav. at $1 yd.; (2) 940 cu. yds. A conc. at $6.55 yd. Other bids were:

Clark & Henery Constr. Co., Stockton—(1) $1, (2) $10, (4) $7.87, (3) $8.25, (4) $7.87.

J. A. Dowling—(1) $1.40, (2) $10, (4) $6.80, (3) $7. (4) $6.65.

C. R. Gurdy—(1) $1, (2) $6.55.

Frederickson & Shannon, Fresno—(1) $1.90, (2) $7.95.

Sorenson & Demat, Sanger—(1) $1.50 (2) $7.

J. A. Dowling, awarded contr. to const. roadway under Proposal No. 2, Goshen South Div., from end of county highway at state highway at Plaza Garage, s.e. parallel to S. P. R.R., approx. 2 mi. involv. (1) 950 cu. yds. excav. $1.40 yd.; (2) 1149 cu. yds. A conc. $10 yd.; (4) 2200 tons asph. conc. surfacing $6.80 ton; (3) 1456 tons asph. conc. base $7 ton; (4) 730 tons asph. conc. surfacing (on asph. conc. shoulders) $6.65 ton. Other bids were:

Valley Paving & Constr. Co., Visalia —(1) $1.25, (2) $10.75, (4) $7. (3) $7.50, (4) $6.90.

Nate Lovelace, Visalia—(1) 90c, (2) $7.76.

C. R. Gurdy, Porterville—(1) $1, (2) $6.55.

Frederickson & Shannon, Fresno.—(1) $1.45, (2) $6.30.

Sorenson & Demat, Sanger—(1) $1.50, (2) $6.85.

MADERA, Madera Co., Cal. — City council, W. C. Utter, clerk, declares inten. to imp. portions of Sixth and B Sts., grade; const. conc. curbs and gutters, corru. metal and conc. culverts and branches; 2 conc. catchbasins with corru. metal pipe outlets and pave with 1½-in. Warrenite-Bitulithic surface on 2½-in. bituminous base. 1911 Act & Bond Act 1915. Protests May 28. A. M. Acton, city eng.

TUCSON, Ariz. — Petition presented to city council to imp. sts. in territory bet. Branchman and Speedway Sts., & Park and 12th Aves., comprising approx 42 blocks. Work will include grading, curbs and sewers.

CARSON CITY, Nevada—John Ross, Yerington, Nevada, at $71,054.72 awarded cont. by state highway commission to imp. 12.25 mi. in Humboldt county, bet. Paradise Hill and Toll House. Involv. 49,000 cu. yds. unclass. excav.; 986 yd. sta overhaul; 7 mi. prepare subgrade and shoulders; 9500 cu. yds. loading and screen; 26,100 yd. mi. haul and 9500 cu. yds. spreading gravel; 70 cu. yds. class A and 180 cu. yds. class B concrete, 582 lin. ft. 15-in., 500 lin. ft 18-in., 584 lin. ft. 24-in., 128 lin. ft. 30-in., and 98 lin. ft. 36-in. corru. metal pipe, 30 monuments; 1 sign post. Other bids were: Palfreyman and Clyde, Springville Utah, $71,704.72; Dodge Bros & Dudley, Fallon, Nevada, $76,-498.72; Stranahan, Bishop and Brooks, Fallon, Nevada, $78,604.72. Strange and Vallandingham, Salt Lake City, Utah, $97,224 12

SAN JOSE, Santa Clara Co., Cal.—Raymond H. Crummey, 121 Pearl St., Oakland, awarded cont. by council to imp. Sherman St., bet. Willow and Humboldt Sts.: grade; 1½-in. Warrenite-Bitulithic surface on 3-in. Bitulithic cem. bituminous base; conc. curbs and gutters; 1 br. catchbasin; 8-in. vit. pipe drains.

SOUTH SAN FRANCISCO, San Mateo Co., Cal.—City Eng. Geo. A. Kneese has completed spec. for sewers in section west of Oak Ave. along Grand Ave. extension in addition to combinedd sanitary and storm sewer in Peck's Lots north of the factory district. The former will cost $9000 and the latter $49,000. A res. of int. will be passed immediately.

SACRAMENTO, Cal.—City Commission award following contracts for street and sewer improvements:

To A. Teichert & Son, Ochsner Bldg., Sacramento: 11th and 12th Aves., bet. 44th and Stockton Blvd.; and portions of 46th St. and 13th Ave.: const. conc. curbs, gutters; c. i. gutter drains with 6-in. vit. manhole connections; const. and reconst. manholes; vit. sewer services to curb; ¾-in. water main connections; grade; pave with 4-in. and 5½-in. asph. conc.

To A. Teichert & Son: portions of 55th, V and 57th Sts., placing c. i. gutter drains with 6-in. vit. manhole connections; const. vit. sewers with 4-in. wyes; conc. manholes; grade; 4-in. asph. conc. pavement.

To Clark & Henery Const. Co., Ochsner Bldg., Sacramento: 32nd St., bet. V and 9th, except intersections of W. Y, Sacramento Blvd., 1st, 2nd and 3rd Aves., north ½ of 4th Ave., Marshall Way, 5th Ave., Donney Way, n line Montgomery Way, to s line 6th ave., and 8th Ave.: const. conc. curb and gutter; c. i. gutter drains with 6-in. vit. manhole connections; connect manholes with 8-in. vit. pipe; const. and reconst. conc. manholes; move gutter drains to other locations; conc. walks; remove trees; grade; 5½-in. asph. conc. pavement.

To McGillivray Const. Co., Capitol Natl. Bank Bldg., Sacramento: 19th St., bet. B and R Sts., except intersections of E to Q Sts., incl.: const. conc. curb and gutter; c. i. gutter drains with 6-in. manhole connections; 8-in. vit. manhole to sewer connections; const. conc. manholes with c. i. covers; reconst. manholes; grade; crushed rock fill below subgrade; 2-in. asph. conc. pavement.

To J. W. Terrell, 1111 29th St., Sacramento: 51st St., bet. Folsom Blvd. and pt. 690 ft. n: const. vit. sewer with 4-in. wyes; conc. manholes.

SAN JOSE, Santa Clara Co., Cal — Until May 21, 8 P. M., bids will be rec. by J. J. Lynch, City Clerk, to imp. 7th St., bet. Santa Clara and Empire Sts.: Grade; pave with 1½-in. Warrenite-Bit surface on 3-in. bit. conc. base; 2 br. catchbasins; 8-in. vit. pipe drains; hyd. cem. conc. walks. 1911 Act. and Bond Act 1915. Cert. check 10% payable to city req. Wm Popp, City Eng.

SAN JOSE, Santa Clara Co., Cal.—R. H. Crummey, 121 Pearl St., Oakland, awarded contracts by council to imp:

Sherman St., bet. Willow and Humboldt Sts.: grade; pave with 1½-in. Warrenite-Bit. surface on 3-in. Bitulithic cem. bituminous base; conc. curbs and gutters; 1 br. catchbasin; 8-in. vit. pipe drains.

Humboldt St., bet. 1st and Mastic: grade; pave with 1½-in. Warrenite-Bitulithic surface on 3-in. bituminous conc. base; 2 br. catchbasins; 8-in. vit. pipe drains; hyd. cem. conc. walks and driveways across alleys.

MONTEREY, Monterey Co., Cal.—S. Ruthven, Monterey, at $12,785.57 awarded cont. by council to imp. Munras Ave., bet Blk. 114 to west city limits; grade; pave 24 ft. wide with 2-in. asph. conc. surface on 5½-in. macadam base; two 15-in. corru. iron culverts with conc. copings.

MARYSVILLE, Yuba Co., Cal.—County Surv. J. R. Meek making surveys for proposed road from Cottage Ravine to Bullards Dam, via Camptonville and across the dam. An early report will be submitted to the supervisors.

TAFT, Kern Co., Cal.—Until May 27 8 p. m., bids will be rec. by H. G. Arndt city clerk, to imp. portions of 4th and Lucard Sts.: grade; pave with 3½-in. bit. conc. base with 1½-in. Warrenite-Bit. surface; cem. curbs and walks. Cert. check 10% payable to city req. Edw M. Lynch, engineer.

OAKLAND, Cal.—Council, E. K. Sturgis, City Clerk, declares inten. to imp. portions of Holway St. n w. from 62nd Ave.: Grade; const. conc. curbs and gutteds; cem. walks; pave with oil macadam. 1911 Act. Protests May 31. W. W. Harmon, City Eng.

SAN JOSE, Santa Clara Co., Cal.—A. J. Raisch, 46 Kearny St., San Francisco awarded cont. by council to imp. 16th St., bet. Empire and Jackson Sts.: grade pave with 1½-in. Durite asph. conc. surface on 3-in. Durite asph. conc. base; cem. conc. gutters; 1 br. catchbasins; 8-in. vit. manhole connections.

SAN DIEGO, Cal.—City Mgr., F. H. Rhodes estimates quantities for st. imp. as follows:

30th St., bet. University and Adams Aves., involv. 281,941 sq. ft. 1½-in. asph wearing surface on 4-in. conc. base.

Pershing Ave., bet. University Ave. and Balboa Park, involv. 102,808 sq. ft. conc. paving.

Indiana St., bet. Robinson and Myrtle Aves., involv. 215 sq. ft. walk, 60,305 sq. ft. paving, 4-in. and 6-in. laterals; one 12-in. and one smaller culvert.

LOS ANGELES, Cal.—Until 11 a. m., May 28, bids will be rec. by supervisors to imp. Allen and Crescent Drives, in Rd. Imp. Dist. no. 216, involv. 11,000 cu. yds. excav.; removing trees; 540 ft. removing conc. ditch; 6255 ft. curb; 24,255 sq. ft. gutter; 12,071 sq. yds. shaping roadway; 10,000 sq. yds. oiling, screening and rolling roadway; 12 cu. yds. conc. catchbasin and culvert; aver. haul 1.7 mi. from Altadena on P. E. Ry. Materials required are: 962 bbls. cem.; 426 tons sand; 758 tons gravel; 250 6x10x18-in. expan. joints; 324 3 ft. by 5-in. expan. joints; 1200 lbs. steel (one grade) 394 lbs. steel (better grade); 2 conc. manhole covers; 44 lbs. lamp black; 280 tons screenings; 238 bbls. oil; 48 ft. reinf. conc. pipe; Est. contr. price, $22,-397.65.

MADERA, Madera Co., Cal—City trustees, W. C. Utter, Clerk, declare inten. to imp. Yosemite Ave., bet. N St. and south city limits, (West Yosemite Avenue Imp. Dist.): Grade; const. conc. curbs and gutters; corru. metal and conc. culverts and branches with 2 conc. manholes; pave with 1½-in. Warrenite-Bit. surface on 2½-in. bit. base. 1911 Act and Bond Act 1915. Protests May 28. A. M. Acton, City Eng.

LOS ANGELES, Cal.—Supervisors declare inten. to imp. Los Angeles St., bet. Maine Ave. and Azusa Canyon Rd., R D. 1, No. 256, 5275 ft. or .999 mi., involv. 5103 cu. yds. excav.; 12,444 sq. yds shaping roadway; 3958 sq. yds. 2-in. asph. concr. top; 8486 sq. yds. 2½-in. asph. concr. top; 3958 sq. yds. 4-in. asph. concr. base; 8486 sq. yds 4¼-in. asph. concrete base; 270 sq. ft. concrete gutter; 12,444 sq. yds. flush coat. Est. contr. price, $28,777 25. Average haul from Baldwin Park, 5 mi.

HANFORD, Kings Co., Cal.—City Council, D. C. Williams, Clerk, declares inten. to imp. 5th, Irwin, Phillips and portions of other streets: Grade; pave with 4-in. bituminous base with 1½-in Warrenite-Bitulithic surface; cem. curbs and gutters; rein. conc. and iron catchbasins; 12-in. full circle No. 14 gauge corru. iron pipe storm sewers; corru. iron and conc. culverts. 1911 Act and 1915 Bond Acts Protests May 28. Ben Duffield, City Eng.

REDWOOD CITY, San Mateo Co., Cal. —Bids will be asked at the first June session of the city trustees to imp. sts. in Oak Knoll Manor. Bids previously received by the Redwood Highlands Co. owners of the tract, were rejected. Bids will now be asked by the city trustees under revised plans reducing the cost of the work from $110,000 to $80,000 by the elimination of improvements at cross streets at certain points. C. L. Dimmitt, city eng.

RED BLUFF, Tehama Co., Cal.—City Eng. W. F. Luning instructed to complete plans for sewer extensions as recommended by State Board of Health. Bonds will be voted to finance the extensions.

EL CERRITO, Contra Costa Co., Cal.—Until June 1, 8 P. M., bids will be rec. by H. L. Van Fleet, Sec'y., Stege Sanitary District, to const. sewer extensions in Moser Lane, Blake and Elm Sts., involv. approx. 925 ft. 6-in sewers, 3 manholes and 2 lampholes. **See call for bids under official proposal section in this issue.**

LOS ANGELES, Cal.—Until 11 A. M., May 28, new bids will be rec. by supervisors to pave Palmdale Road, south from Palmdale to Shoemakers ranch, under R. D. I. No. 137, 23.6 miles, as follows: 10.7 miles 6-inch asphalt concrete 18-ft. wide; 6.5 miles 5-inch asphalt concrete 18-ft. wide; 3.1 mi dis. gran. pave; 3.3 mi. graded roadway 24-ft. wide. Aver. haul, Palmdale to Little Rock Creek plant, 9 mi. Est. contr. price, $574,292.30. Work involves 35,000 cu. yds. rock excav.; 118,000 cu. yds. earth excav. and borrow; clear. and grub. amtg. to approx. $7000; 124,360 lin. ft. shap. roadbed; 168,524 sq. yds. 5-in. asph. concr. pave; 112,767 sq. yds. 6-in. disinteg. gran. pave; 2333 ft. 15-in., 2114 ft. 18-in., 833 ft. 24-in., 259 ft. 30-in., 121 ft. 36-in. and 178 ft. 48-in. corr iron pipe; 516 cu. yds. concr. headwalls. The bid of Geo. H. Oswald, at $615,000 received Apr. 30, has been rejected.

ORANGE, Cal.—Pernell Barnett, 630 E Washington St., Orange, awarded cont. by trustees to const. approx. 1700 ft. sewers in S Cambridge and S Harwood Sts.

STOCKTON, San Joaquin Co., Cal.—Clark and Henery Const. Co., 38 Sutter St., Stockton, at approx. $60,600 awarded cont. by council to imp. portions of East Main, East Lafayette, East Sonora and F Sts., grade; const. comb. conc. curb and gutter; conc. walks; pave with 2-in. asph. conc. surface.

SAN DIEGO, G. R. Daley, 4430 Boundary St., San Diego, awarded cont. to imp. Eagle St., Montecito Way and r. line of Pueblo Lot No. 1122 and portion of other streets, at 16.3c sq. ft. conc. pavement; 65c ft. curb; 21c sq. ft. walk; $40 6-in. sewer laterals; $35 4-in. sewer lateral; $195 one corru. iron pipe culvert.

STOCKTON, San Joaquin Co., Cal.—Clark & Henery Const. Co., 38 Sutter St. Stockton, at approx. $39,500 awarded cont. by council to imp. portions of East Main, A, C, D and E Sts., grade; const. comb. conc. curbs and gutters; conc. walks; pave with 3-in. crushed rock base and 2-in. asph. conc. surface; a portion of D St., grade; const. comb. conc. curbs and gutter; conc. walks; pave with 2-in. crushed rock base, 2½ in. asph. conc. base and 2-in. asph. conc. wearing surface.

COLUSA, Colusa Co., Cal.—Until May 21 bids will be rec. by B. L. McCue city clerk, to grade and gravel Clay St., bet. 10th St. and west town limits; fremont St., bet. A and 10th St.; sico St., bet. A and 5th St.; Second St., bet. Fremont and Sico St. All under 1911 Act. Cert. check 10% payable to clerk req.

SAN DIEGO, Cal.—Griffith Co., 25 14th St., submitted low bid to trustees at $24,348 to imp. Goldfinch, Bush and Ibis Sts., involv. 152,432.4 sq. ft. 1½-in. asph. conc wearing surface on 2½-in. bitum. base 15.75c ft.; 608.5 sq. ft. walk 23c ft.; 133 ft. curb 67c ft.; one 4-in. cem. sewer lateral, 35 ft. long $35; one 4-in. cem. sewer lateral 30 ft. long $35; one 6-in. cem. sewer lateral 30 ft. long $40. Other bids: G. R. Daley, $26,085.86; California Constr. Co., $26,119.09.

H. H. Peterson, Loma, low bidder at $12,755 to imp. Chalmers, Columbia and Winder Sts., involv 5404.1 cu. yds. earth excav. $1 yd.; 7038 cu. yds. earth embank 6c yd.; 2226.2 ft. curb 70c ft.; 9926.8 sq. ft. walk 22c ft.; 5117 sq. ft. gutter 28c ft.; 274 lin. ft. conc. footing complete $295; 270 lin. ft. iron pipe guard railing complete $250; 745 lin. ft. 6-in. cem. pipe sewer $1208. Other bids: Pioneer Truck Co., $13,103; H. G. Fenton, $14,482.34; Chas. E. Spofford & Co., $14,506.93; John Engebretser, $16,986.03; John Hansen, $17,839.76.

REDWOOD CITY, San Mateo Co., Cal.—City Eng. C. L. Dimmitt preparing spec. to extend sewer system along west end of Edgewood rd. in Wellesley Park.

NAPA, Napa Co., Cal.—City Council, H. H. Thompson, clerk, declares inten. to imp. G St. bet. Seminary and Brown and Edmonston St., bet. Pearl and Clinton; grade; const. conc. curbs; pave with 2-course asph. macadam, 40-ft. wide; catchbasins. 1911 Act. Protests May 28. H. A. Harrold, city eng.

MEXICO CITY, Mex.—Dept. of Communication and Public Works has granted former Senator Gen. Guillermo Laveaga, concessions for the construction of two great national highways, from Nogales to the Guatamalan border in th estate of Chiapas and from Mexico city to Laredo or Matamoras. The plan calls for the constr. of modern hotels at scenic points along the highways. It is reported that approx. $50,000,000 of North American capital is available for the project.

LOS ANGELES, Cal.—Griffith Co., L. A. Ry Bldg., awarded cont. by Bd. Pub. Wks. at $77,552 to imp. Highland Ave., bet. Cahuenga Ave. and Sunset Blvd., involv. 161,520 sq. ft. grading to finish subgrade 4c ft.; 160,038 sq. ft. asph. paving 33c ft.; 1461 sq. ft. conc. paving 30c ft.; 2254 sq. ft. rough grading to grade 4c ft.; 2254 sq. ft. oiling and rolling 7c ft.; 795 ft. curb, at 70c ft.; 3264 ft. walk 25c ft.; 11,103 sq. ft. conc. gutter 30c ft.; $12,000 catchbasin and culverts compl.; 588 ft. hse. sewers $1.50 ft.

Griffith Co., L. A. Ry. Bldg., awarded cont. at $34,172 to imp. Gaffey St., bet. 19th and 22nd Sts., involv. grading $3800 (lump sum); 91,649 sq. ft. asph. paving 23.7c ft.; 1877 sq. ft. conc. paving 24c ft.; 3175 ft. curb 72c ft.; 14,943 sq. ft. walk 22c ft.; 4556 sq. ft. conc. paving 24c ft.; $700 san. sewer compl.; 521 ft. hse. sewers $1.60 ft.

OROVILLE, Butte Co., Cal. — Chas. Ellis, Oroville, at $10,471.60 awarded cont. by supervisors to const. West Liberty rd. under county bond issue. H. H. Hume, county rd. eng.

OROVILLE, Butte Co., Cal.—Bid of A. Teichert & Sons, Ochsner Bldg., Sacramento, at $68,583.81, to pave Gridley-Colusa Rd., rejected as supervisors decide to change type of pavement from asph. conc. to oil macadam. H. H. Hume, county surveyor.

GLENDALE, Cal.—E. L. Fleming 1007 Boynton St., Glendale, awarded contr. to imp. Dixon and other sts. involv. 1500 lin. ft. grading 40c ft.; 51,600 sq. ft. 5-in. oil macad. 12c ft.; 3295 ft. curb 50c ft.; 17,100 sq. ft. walk 17c ft.; water pipe, $2650.

W. J. Curren, 379 W Patterson St., Glendale, awarded contr. to imp. Milford and other sts. involv. 670 lin. ft. grading 90c ft.; 1323 sq. ft. gutter 20½c ft.; 3900 sq. ft. oil macad. 12½c ft.; 1315 ft. curb 48c ft.; 6772 sq. ft. walk, 16½c ft.; laying water pipe, $3444.

SANTA CRUZ, Santa Cruz Co., Cal.—Granite Construction Co., Watsonville, at $1.25 cu. yd. excavation and $.14 sq. ft. oil macadam pavement, submits only bid to supervisors to imp. Green Valley Road. Bid rejected and County Surv. Lloyd Bowman instructed to complete project by day work.

LOS ANGELES, Cal.—New bids will be called for on the Palmdale rd., south from Palmdale to Shoemakers ranch under R. D. I. No. 137, 23.6 mi., as follows: 10.7 6-in. asph. conc. 18-ft. wide 6.5 mi. 5-in. asph. conc. 18-ft. wide; 3.1 mi. dis. gran. pave; 3.3 mi. graded roadway 24-ft. wide. Aver. haul, Palmdale to Little Rock Creek plant, 9 mi. Est. contr. price, $574,292.30. Work involves 35,000 cu. yds. rock excav.; 118,000 cu. yds. earth excav and borrow; clear and grub. amtg. to approx. $7000; 124,360 lin. ft. shap. roadbed; 168,524 sq. yds. 5-in. asph. concr. pave; 112,767 sq. yds. 6-in. asph. conc. pave; 33,100 sq. yds. 6-in. disinteg. gran. pave; 2333 ft. 15-in., 2114 ft. 18-in., 833 ft. 24-in., 259 ft. 30-in., 121 ft. 36-in. and 178 ft. 48-in. corru iron pipe; 516 cu. yds. conc. headwalls. The bid of Geo. H. Oswald, at $615,000 rec. April 30, has been rejected.

SAN BERNARDINO, Cal.—Lienau & Levering, 426 Brookside Ave., Redlands, who were awarded the contract for the Big Bear paving at $149,500, will not proceed with the contr. on the grounds that an error in the proceedings would endanger their rights under the contract. Another matter holding up the contr. and possibly necessitating the temporary abandonment of the work, is dispute regarding right of way and refusal of Mutual Water Co. to ask for a release of mortgage affecting the proposed route.

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50-60 FREMONT ST.

Sutter 952 San Francisco

MARTINEZ, Contra Costa Co., Cal.—Until June 4, bids will be rec. by J. H. Wells, county clerk, to macadamize 1-mi. of rd. leading from Clayton into Marsh Creek. R. R. Arnold, county surv.

WHITTIER, Cal.—Until 7:30 p. m., May 21, bids will be rec. by city trustees to imp.

High St., bet. 17.5 ft. w. of Painter Ave. and Central Ave., grade and pave with 4-in. bitum. base, asph. cement paint binder, and 2-in. asph. concr. wearing surface, const. conc. walk.

Alley n. of Philadelphia St., bet. comstock Ave. and 140 ft. east, grade and pave with 5-in. cem. conc.

Alley bet. Washington and Bright Aves., from Luella St. to Orange Dr., grade and pave with 5-in. cem. concr.; const. curb, walk.

Palm Ave., bet. s.w. line of Lemon St., and s.w. city limits, by grading and paving with 6-in. cem. conc.; const. curb, reinf. conc. culvert; all 1911 Act. Paul E. Todd, city engr.

MANHATTAN BEACH, Cal. — Until 8 p. m., May 24, bids will be rec. by trustees to imp. under 1911 Act:

Alma Ave., bet. Marine Ave. and 23rd St., grade and pave with Willite pavement, involv. plastic base and Willite wearing surface.

33rd St., bet. Highland Ave. and Alma Ave., and portions of other sts.: grade and pave with Willite pavement; const. curb. Llewellyn Price, city clerk.

BAKERSFIELD, Kern Co., Cal. — Union Paving Co., (J. A. Dowling), Bakersfield, at $76,664.97 awarded cont. by council to imp. portions of 20th, 21st and R Sts., involv. 220,375 sq. ft. grading; 220,375 sq. ft. 3½-in. asph. conc. base with 1½-in. Warrenite-Bit. surface pavement; 773½ ft. culvert; 7553 ft. conc. curb; 11,829 ft. conc. gutters; 75 ft. 6-in. pipe drain; 2 catch-

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ANAHEIM, Cal.—Griffith Co., L. A. Ry. Bldg., Los Angeles, awarded cont. by city trustees at $76,706 to pave sts. in Miles Park Tr., involv. 240,000 sq. ft. 1½-in. asph. conc. on 3½-in. asph. conc. base 22c sq. ft.; 49,000 sq. ft walk 18c ft.; 12,309 ft. curb 50c ft.; large metal lighting standards $300 each. Small standards $213 each; 4000 sq. ft. alley crossings 22c sq. ft.

FRESNO, Fresno Co., Cal. — Until May 24, 3:30 p. m., bids will be rec. by R. Y St. George, city clerk, to imp. Poplar ave., bet. Elizabeth and Olive Ave., grade; const. conc. curbs, gutters and walks; corru. metal culvert with culv. manholes; pave with 3½-in. asph. conc. base with 1½-in. Warrenite Bit. surface. 1911 Act. Cert. check 10% payable to city req. Wm. Stranahan, city engineer.

LONG BEACH, Cal.—Until 9:30 a. m., May 22, bids will be rec. by council to imp. under 1911 Act following sts.:

Nardo Way, bet Cedar Ave. and Solana Ct grade and pave with 4-in. cem. conc and bitum. protective coat; construct curbs on Pacific Ave., bet. Nardo Way and 6-ft. south.

Carroll Park, East, North, South and West, const curbs, and vit. pipe hse. sewers.

Nylic Ct., bet. 7th and 8th Sts., grade and pave with 4-in. cem. conc.; const. curb

H. C. Waughop, city clerk. A. L. Ferver, city engineer.

SAN DIEGO, Cal.—Bureau of Yards and Docks, Navy Department, Washington, D. C. is preparing Specification No. 1846 for walks and grading at San Diego, Calif. Bids will be asked shortly.

PASADENA, Cal.—Until 10 a. m., May 23 bids will be rec. by city directors to const. sewer in Las Lunas St., bet. Sierra Benita Ave and 260 ft. n. involv 8-in. vit. pipe and hse. sewers, with 400-gal. flush tank; 1911 Act. Bessie Chamberlain, city clerk. W. C. Earle, city engineer.

SAN DIEGO, Cal. — Griffith Co., 25 14th St., San Diego, awarded contr. by council at $24,317.12 to imp. Goldfinch, Bush and Ibis Sts.

SALEM, Ore.—Until May 28, 2 p. m., bids will be rec. by State Highway Commission, meeting in Multnomah County Courthouse, Portland, to grade approaches to bridge over Lewis and Clark River in Clatsop county on Roosevelt Coast Highway, south of Astoria, involv. 1200 lin. ft. bulkhead dredger fill involv. 335 M. F. B. M. of lumber and timber; 26,000 lin. ft. piling and 42,000 cu. yds. dredged fill. Plans obtainable from commission at Salem. Roy A. Klein, state highway engineer.

ALBANY, Ore.—Engineers Stevens & Koon, Spalding Bldg., Portland, completing plans for storm sewer to serve s.w. section of city; to be 30-ft. deep at river end and from 10 to 14-ft. deep at end of branches; est. cost $55,000. Lateral sewers will be constructed at expense of property owners.

LOS ANGELES, Cal.—Until 10 a. m., May 28, bids will be rec. by Bd. Pub. Wks. to imp. under Vrooman Act:

Compton Ave., bet. Vernon Ave. and s. city limits, involv. 360,386 sq. ft. 6-in. conc.; pave; 36 ft. curb; 35 sq. ft. walk; 1560 ft. hse. sewers; 6891 cu. yds. cut.

Francis Ave., bet. Hoover St. and Vermont Ave., involv. 165 sq. ft. 5-in conc. pave; 103,121 sq. ft. Warrenite-bitul. pave (incl. in unit price 788 sq. ft. grade & oil); 137 ft. curb; 1725 sq. ft. walk; 5484 sq. ft. gutter; 273 ft. hse. sewers; 1691 cu. yds. cut.

Porter St., bet. M. L. Wicks, sub., etc., and Santa Fe Ave., involv. 50,930 sq. ft. asph. pave comprising 5-in. conc., 1-in. binder, and 2-in. asph. conc. surface; 112 ft. curb; 227 sq. ft. walk; 1900 sq. ft. 8-in. gutter; 120 ft. hse. sewers; 2546 cu. yds. cut.

Menlo Ave., bet. n. and s. lines of S. Vermont Ave. Tr., involv. 52,830 sq. ft. oil and roll; 2944 sq. ft. walk; 6086 sq. ft. gutter; 573 cu. yds. cut.

SAN JOSE, Santa Clara Co., Cal.—Until May 28, 8 p. m., bids will be rec. by J. J. Lynch, city clerk, to imp. 12th St., bet. Santa Clara and Julian Sts.: grade; pave with 1½-in. Durite asph. conc. surface on 3-in. Durite asph. conc. base; dyd. conc. walks. and curbs; 1 br. catchbasin; 8-in. vit. pipe drains; 1911 Act and Bond Act 1915. Cert. check 10% payable to city req. Wm. Popp, city engineer.

SAN JOSE, Santa Clara Co., Cal.—Until May 28, 8 p. m., bids will be rec. by J. J. Lynch, city clerk, to imp. Empire St., bet. 10th and 17th Sts.: grade; pave with 1½-in. Warrenite-Bit. surface on 3-in. bituminous conc. base; hyd. conc. curbs, gutters and walks; 4 br. catchbasins; 8-in. vit. pipe drains. 1911 Act & Bond Act 1915. Cert. check 10% payable to city req. Wm. Popp, city engineer.

EUREKA, Humboldt Co., Cal.—Property owners petition council to pave Commercial St., bet. Fifth St. and the waterfront; pavement to be conc. base with bituminous surface, work to be done under 1911 Act. Referred to city eng. for report.

HOLLISTER, San Benito Co., Cal.—See "Sewage Disposal Plants," this issue.

LOS ANGELES, Cal.—Until 10 a. m., June 1, bids will be rec. by harbor comm., 312 Byrne Bldg., to pave Badger Ave. and Dock St., the approach to the new drawbridge, involv. 317,775 sq. ft. of paving. Bids will be asked on two types of pavement. The propositions are as follows: (a) 7-in. reinf. conc. base, with an alternate of 8-in. reinf. conc. base with reinforcing 4-in. from bottom; (b) 2-in. Warrenite-bitul. wearing surfacing; and (c) filling and grading. Plans obtainable from Guy W. Wade, secretary.

SAN DIEGO, Cal.—John Engebretsen, McNeece Bldg., San Diego, submitted low bid to council at $16,145 to imp. Arizona and Boundary Sts., involv. 5355.8 cu. yds. earth excav. $1.69 yd.; 2019 cu. yds. earth embank. 30c yd.; 28,651 sq. ft. cem. walk 14c ft.; 6192.6 lin. ft. cem. conc. walk 40c ft. Other bids were: John Hansen, $20,387.45; Carl S. Carlson, $18,884.18; Pioneer Truck Co., $17,935.22.

LOS ANGELES, Cal.—Until 11 a. m., June 4, bids will be rec. by supervisors to pave Slauson Ave. from Central Ave. east to Compton Ave., in road dist. No. 4, approx 2653 lin. ft. involv. 3800 cu. yds. excav., 10,893 sq. yds. shaping roadway; 1150 cu. yds. removing old macad.; 10,893 sq. yds. replacing old macad. rock; 1400 cu. yds. (loose) disln. granite base; 9086 sq. yds. 3-in. Willite base; 9086 sq. yds. 2-in. Willite top; 5083 ft. curb; 12,195 sq. ft. gutter; culvert at Central Ave.; 154 sq. ft. walk; 16 lin. ft. curtain wall.

SAN JOSE, Santa Clara Co., Cal.—Until May 28, 8 p. m., bids will be rec. by J. J. Lynch, city clerk, to imp. San Salvador St., bet. 10th and 16th sts.: grade; pave with 1½-in. Warrenite-Bit. surface on 3-in. Bitulithic cem. bituminous base; conc. curbs and gutters; 1 bt. catchbasin; 8-in. vit. pipe drains. 1911 Act & Bond Act 1915. Cert. check 10% payable to city req. Wm. Popp, city engineer.

WASHINGTON STATE ADOPTS NEW TYPE OF BRIDGE

A new type of concrete bridge has been adopted by the Washington state highway commission. The type is known as the "through bridge" or "bowstring" bridge, in which the supporting arch is above the bridge floor, similar to that of the steel or frame truss bridge. The Touchet bridge in Columbia county on the Inland Empire highway, the contract for which was awarded on May 1, is to be of this type and will carry a span of 100 feet. The structure is being built by the Colonial Building Company of Spokane and will cost $14,820.

Highway officials believe that the new type bridge is particularly adapted to those streams of small clearance between high water level and the highway grade, making it impossible for the arch to be carried below the bridge floor. With steel and concrete construction, and arch and bridge floor connected with reinforced columns, this type, it is contended, will give adequate strength together with a sightly structure and with small additional cost.

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OFFICIAL PROPOSALS

(Continued from Page 40)

BIDS WANTED FOR STATE HIGHWAY BRIDGE

STATE OF CALIFORNIA

DEPARTMENT OF PUBLIC WORKS

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of **The California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock P. M., on May 28, 1923** at which time they will be publicly opened and read for construction in accordance with the specifications therefor to which special reference is made, portions of State Highway as follows:

Sonoma County, across Arroyo Seco Creek near Shellville (IV-Son-8-B), a reinforced concrete bridge consisting of two forty-foot reinforced concrete girder spans with the necessary pier, abutments and wing walls.

Plans may be seen and forms of proposal, bonds, contracts and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineer's offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal for full directions as to bidding, quantities of work to be done, etc.

The Department of Public Works, acting by and through the California Highway Commission, reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

H. M. TOY,
N. T. EDWARDS,
LOUIS EVERDING,
California Highway Commission.
R. M. MORTON,
State Highway Engineer.
W. F. MIXON, Secretary.
Dated April 30, 1923.

NOTICE TO CONTRACTORS

(Rowell School Addition, Fresno)

Pursuant to an order of the Board of Education of the City of Fresno School District, Fresno, California, duly made and entered in its minutes on the 30th day of April, 1923, notice is hereby given that said board will receive **up to 5 o'clock P. M., of May 24, 1923,** sealed proposals for the furnishing of labor and materials for the construction of an eight room addition to the Chester Rowell School Building in the City of Fresno. Bids will be taken separately for the different segregated contracts, as follows:

Contract "A"—Excavation, Concrete Work, Carpenter Work and Glazing.
"B"—Brick Work.
"C"—Iron Work.
"D"—Roofing.
"E"—Plumbing.
"G"—Galvanized Iron Work.
"H"—Lath and Plastering.
"I"—Electric Wiring.
"J"—Painting.
"K"—Finish Hardware.
"L"—Finish Hardware.

Plans and specifications together with form for submitting bid may be obtained at the office of the Trewhitt-Shields Company, 435 Rowell Building, Fresno, the authorized agent of the said Board.

A certified check equal to 10 per cent of total amount of bid submitted must accompany the proposal.

The Board reserves the right to reject any or all bids.

By order of the Board of Education.
L. L. SMITH, Secretary.

BIDS WANTED FOR REMODELING COURTHOUSE BUILDING

NOTICE TO CONTRACTORS

Treasury Department, Office of Supervising Superintendent of Construction, Room 402, U. S. Post Office Building, San Francisco, Calif., May 5, 1923. Sealed proposals will be opened in this office at 12 o'clock m., June 14, 1923, for remodeling for Internal Revenue Bureau, Etc., at the U. S. Courthouse, Post Office and Custom House, Los Angeles, Calif. Drawings and specification may be obtained from the Custodian at Los Angeles, Calif., or at this office, in the discretion of the Superintendent. Wm. Arthur Newman, Superintendent.

BIDS WANTED FOR HIGHWAY IMPROVEMENT

STATE OF CALIFORNIA

DEPARTMENT OF PUBLIC WORKS

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of **the California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock p. m., on June 4, 1923,** at which time they will be publicly opened and read for construction in accordance with the specifications therefor to which special reference is made, portions of State Highway as follows:

Los Angeles County, between Fish Canyon Road and Azusa (VII-LA-9-G) about one (1.0) mile in length, to be graded and paved with Portland Cement concrete.

Plans may be seen and forms of proposal, bonds, contracts and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineers' offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal for full directions as to bidding, quantities of work to be done, etc.

The Department of Public Works, acting by and through the California Highway Commission, reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

H. M. TOY,
LOUIS EVERDING,
N. T. EDWARDS,
California Highway Commission.
R. M. MORTON,
State Highway Engineer.
W. F. MIXON, Secretary.
Dated May 7, 1923.

NOTICE TO CONTRACTORS

(Manual Training Building and School Addition)

The Board of Education of the City of Santa Cruz will receive sealed bids for the erection of a Manual Training Building to be erected on Otis street, Santa Cruz, and an addition to the Garfield Park School Building, Santa Cruz, in accordance with plans and specifications now on file at the office of the Superintendent of Schools, City Hall, Santa Cruz. Bids to be separate and to be in on or before **7 o'clock p. m., May 28th, 1923,** at which time and place they will be publicly opened and read.

By order of
THE BOARD OF EDUCATION
J. W. LINSCOTT,
Secretary

SAYS BUILDINGS OF FUTURE WILL BE WINDOWLESS

The downtown building as well as the factory of the near future is destined to be without windows, and to depend upon artificial means for light and pure air, according to officials of the Nela park research laboratoris of the General Electric Company at Cleveland.

"Interior lighting for every working purpose has been perfected to a stage where it even surpasses daylight," said Dr. Matt Luckiesh, of the laboratory.

According to Dr. Luckiesh, preliminary findings in the reasearch work have demonstrated that daylight actually costs more to factories, office buildings museums and public buildings than electric illumination. "We congratulate ourselves on our free sunlight," said Dr. Luckiesh, "yet we pay dearly for it. In the first place, buildings securing most of their illumination through window panes show a heavy ledger item for replacement of glass and general maintainance of cleaning, as well as for sills and window frames.

"Secondly, we have discoverd by actual tests that in a large number of buildings the loss of heat is 25 per cent over that in buildings having no windows.

"Thirdly, there is the tremendous cost incidental to the fading of decorations and the cost of removing the large quantities of dirt and soot that blow in through windows each day.

"Probably the greatest cost to factories and public buildings, however, lies in the ground areas given over to courts or light shafts. Besides the initial cost of this property, usually a total waste, the taxes expended in keeping it clear for daylight each year is staggering."

Ventilation in windowless buildings, Dr. Luckiesh says, can be obtained free of all dirt and soot and with purified air from artificial vents.

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DIAGONAL REINFORCEMENT SOMETIMES DESIRABLE IN CONCRETE SLABS

It would be natural to suppose that the most effective way of using steel for reinforcing concrete floors and other slabs would be to place it in the direction in which the stress was applied, and at right angles to the direction of probable cracks. Methematical analysis of the problem confirms this assumption.

In the design of concrete ships, however there was other considerations which made it seem desirable to place the steel diagonally with respect to the direction in which the cracks were expected. Accordingly tests were made at the Bureau of Standards on slabs in which different types of reinforcement were used. These tests confirm, in a general way, the correctness of the mathematical analysis and show that the reinforcement should be laid parallel with the span and not at an angle with it; unless there are other factors, such as shrinkage in setting or expansion and contraction with change in temperature, which tend to produce cracks at right angles to those due to load stress.

But shrinkage and expansion occur in all concrete structures and frequently transverse reinforcement is required. Cracks from such causes may be prevented by the use of bars laid at an angle with the span, or by mat reinforcement.

In these tests it was found that the use of reinforcement having diamond shaped meshes distributed the cracks effectively and kept them smaller than was the case with the other types of reinforcement tested. About a 12-inch lap where the ends of these sheets of expanded metal joined was found necessary to prevent slipping of these splices.

The early close of the war rendered it unnecessary to apply the results of these tests to concrete ships; but the information acquired is likely to be of value in the design of buildings.

The results of these tests are published in Technologic Paper No. 233 of the Bureau of Standards, entitled "Tests of Heavily Reinforced Concrete Slab Beams Effect of Direction of Reinforcement on Strength and Deformation." Copies of this paper can be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. The price is 15c.

REVISED BUILDING CODE FOR SACRAMENTO UNDER WAY

James Dean, Sacramento architect, has been commissioned by the Sacramento City Commissioners to draft plans for building code for that city. At the present time the city practically is without a building code, although there are certain specifications and rules that must be followed out under the supervision of the city building inspector, Ben Covell. The principal object of the code now being drawn by Architect Dean provides for more stringent means of enforcing building regulations and also will be more specific in requirements.

Speaking of the proposed code, H. C. Bottorff, Sacramento city manager, says:

"A new building code in Sacramento is absolutely essential. It is necessary that we protect our business district in seeing that only the proper types of construction are allowed. The situation is handled efficiently at the present time, but even better conditions will prevail with the adoption of a new ordinance. The central thought in the drawing of plans for a new building code is to do what we can to keep Sacramento abreast the times."

Forest Exhaustion Brings High Prices

Lumber production in the United States has been steadily decreasing for 13 years, and this in the face of a need unparalleled in the history of the country. According to a bulletin just published by the United States Department of Agriculture, of 37 Eastern and Southern lumber-producing States, 36 showed a decreased cut and only one a slight increase in 1920; while Pacific Slope States all report substantial increases, showing that the center of production is shifting to the Western States, the last of our softwood reserves.

Thirty years ago after the depletion of New York and Pennsylvania white pine sections, the American lumber market was drawing its supply from the Great Lake States When the source in those sections became exhausted and the forests no longer able to supply the demand or furnish enough to keep the mills in operation, the industry moved to the Southern Yellow Pine region, and is rapidly duplicating the same procedure there. The inevitable result follows that within the near future we shall be wholly dependent upon this reserve of all-purpose softwoods, the Pacific Slope. Not only is this the only remaining domestic source of softwoods, but a recent survey of the world's supply of this commodity discloses the fact that there are no foreign forests of this character that we may draw upon when our own are exhausted.

These figures and facts suggest several questions that touch the welfare of every individual in our growing population. What will be the effect when our timber is gone? What will be the several stages of adjustment? What steps should be taken to meet the national needs? What is being done in this respect?

The average rate of decrease over the last 13 years has been about 2 per cent a year. The figures for 1920 are about 27 per cent lower than the high production peak that was reached in 1907, when we produced about 46 billion feet. We have passed the high point and the present tendency downward is permanent. Since this is the case there must be some active steps taken to insure permanent local sources of timber for the future

The bulletin just published discusses this problem with great clearness and sets forth figures based on facts. The material presented in this bulletin is of supreme importance in considering the attitude that shall be taken toward our remaining timber resources. This attitude must be the reflection of public opinion. For this reason the bulletin is available for general distribution, that the public may have the opportunity of familiarizing themselves with the developments of the past decade and may understand the vital importance of timber as an adjunct to continued prosperity.

The bulletin, known as Lumber Cut of the United States, 1870 to 1920, No. 1119, may be obtained free of charge upon application to the Division of Publications, United States Department of Agriculture, Washington, D. C.

NORTHWEST LEAD COMPANY, SEATTLE CONCERN, TO LOCATE HERE

Officials of the Northwest Lead Company, a Seattle company, are in San Francisco to inspect sites in the bay district on which it is proposed to erect a $300,000 fabricating plant. John T. Lund, president of the company, and Frank M. Smith, a director of the Bunker Hill and Sullivan Mining and Concentrating Company of Idaho, are conferring with the San Francisco Chamber of Commerce in the hopes of locating the plant in San Francisco or its immediate vicinity.

The Bunker Hill and Sullivan Mining and Concentrating Company, represented by Smith, owns a half interest in the Northwest Lead Company at Seattle, which manufactures lead pipe, sheet lead and plumbers' supplies. The business of this plant has increased, particularly in its California sales, to the degree that the Northwest Lead Company is considering building a separate lead manufacturing plant in or near San Francisco.

The president of the Bunker Hill and Sullivan concern is Fred W. Bradley, San Francisco mining engineer, with offices in the Crocker Building. Wm. H. Crocker, San Francisco banker, is treasurer of the company.

HIGHWAY TRANSPORT DEFINED

Thomas H. MacDonald, chief of the U. S. Bureau of Public Roads, defines highway transportation as follows:

"Highway transport, or highway transportation deals with the movement of persons and things over the highways, and has to do with the instruments of transportation, the highway and the vehicle, as well as the service rendered by these transportation instruments."

CONTRACT LET FOR ARIZONA FOREST HIGHWAY

E. S. Wheeler, district engineer for the U. S. Bureau of Public Roads at Phoenix, Arizona, has recommended an award of contract to the Lee Moor Construction Company of El Paso, Texas, to construct the Prescott-White Spar Forest Highway project which is a portion of the main north and south highway in Arizona between Ash Fork Prescott, Wickenburg and Phoenix. The bid of the Lee Moor Company is $467,581.72. The project is eighteen miles long and is through the roughest portion of the state of Arizona which lies between Phoenix and Ash Fork. It lies entirely within a national forest. The specifications call for the project to be completed in 450 working days.

Other bids received on this project follow: Henry Galbraith, Jerome, Ariz. $546,716; Cashion-Caldwell Co., Phoenix, $598,952.55; Thos. Maddock, Phoenix, $620,793.10; H. E. Williams, El Paso Texas, $626,706.42; A. J. and J. L. Fairbanks, Inc., San Francisco, Calif., $645,621.10; Cotey-Black and Co., Clifton, Ariz., $685,138.70.

CEMENT BUSINESS

"Public interest in the cement industry is keen," says the Weekly Review of Moody's Investment Service.

"The contradictory price quotations appear to indicate that average mill prices of cement declined slightly last year. Estimated net profits per barrel rose from 15 cents before the war to 36 cents in 1920, and then fell to 28 cents in 1922, and are probably about the same now. The business is highly competitive so that cement prices did not rise even in the great building boom of 1922. Presumably their trend before many months should be downward.

U. S. ROAD PROGRAM IN CALIFORNIA APPROVED

The Government's program for highways in the national forests in California this year calls for an outlay of $646,000 on five separate projects, it is announced by Paul G. Redington, district forester. The projects are:

Crescent City-Grant's Pass road, Siskiyou National Forest, $75,000. This project is a section of the Redwood highway and calls for a total appropriation of $220,000.

Kern River Canyon route, Sequoia National Forest, $150,000, Big Bear Valley road, Angeles National Forest, $75,000. Murphy's-Big Trees road, Stanislaus National Forest, $160,000.

Yuba Pass road, Tahoe National Forest, $143,000.

The California National Forest highway program also allots $43,000 for final location surveys on the Cowelo-Low Gap road and the Arroya Seco-San Gabriel via Mount Islip road. A location survey of the Yuba Pass project is also provided for in a $10,000 appropriation.

Construction work will be started as soon as the program is approved by the Secretary of Agriculture.

The expenditures on National Forest roads would be in addition to $500,000 to be spent in 1923 on the repair and construction of minor roads and trails in National Forests.

CANADA'S WATER POWER

Canada's waterfalls developed 3,000,000 horsepower of electrical energy in 1922. The revenue to manufacturers from this power amounted to $81,600,000, according to the Federal Water Powers branch of the Dominion Government.

Ontario, with Niagara Falls as its chief source of power, led in production among the provinces with 1,330,000 horsepower. Quebec followed closely with 1,100,000 horsepower, and British Columbia was third with 310,000. The remainder was distributed among Manitoba, Alberta, Nova Scotia, New Brunswick and Prince Edward Island.

Despite the high cost of construction, hydro power development installed last year totalled 529,000 horsepower. Total capital invested in water power is estimated at $620,658,731. Horsepower development amounts to 337 for each 1,000 of Canada's population.

LUMBER TRADE

American Lumberman of Chicago says: Warmer weather is generally firming up the lumber market. County retailers come into the market on larger scale, but trade with local yards remains dull, they prefer to wait until a general opening up of building activity before committing themselves. Industrial trade in softwoods is excellent, but that in hardwoods is comparatively dull. Production of southern pine and hardwood continue to be restricted by heavy rains, while orders and shipments for former increase. Output of Douglas fir remain heavy.

IMPROVED HOUSING CONDITIONS

Vicious housing conditions in California cities have been largely eliminated by the Commission of Immigration and Housing, according to the report issued by this body to Governor Richardson, reviewing its work of the past nine years. Since 1914, when it began to function, the Labor Camp Sanitation Department has inspected 12,570 camps, housing 465,838 persons, and the Commission has investigated 38,000 complaints filed by immigrants.

LUMBER MARKET

The American Lumberman of Chicago says: Building is increasing by leaps and bounds under stimulus of warmer weather, and retail dealers have brisk demand for lumber. Great caution, however, is exercised by them, and these are buying only as they find necessary. Market meanwhile is strong, and recent soft spots are disappearing. Southern pine mills are booking orders well in excess of production, and buyers find it difficult to place business because of scarcity of stocks. Production shipments and bookings of Douglas fir are all in excess of normal, and stocks are being steadily reduced. Often softwoods occupy identically as strong a position. Hardwood market is strenghtening as demand is slowly lifting itself out of recent depression.

GOVERNMENT ABANDONS POST OFFICE EXTENSIONS FOR PRESENT

Plans of the Post Office Department to secure additional quarters for the Ferry Station in San Francisco and Oakland have been abandoned, according to word from Washington. Other cities which must continue with inadequate quarters for the present include Oakland, Calif., Detroit, Dallas and Norfolk.

The high tide of private building which has brought about a scarcity of skilled labor is believed to be the cause of the Government's decision. It is understood that the plans were discussed at a Cabinet meeting, with the result that the decision was made to wait until the private building rush is over before proceeding with Government construction.

SEATTLE CONTRACTORS LOCATE IN LOS ANGELES

Jahn & Bressi, engineering and highway contractors, who have heretofore operated in the north with headquarters at Seattle, have embarked in the contracting business in Los Angeles, with office at 522 Byrne Bldg. They have just secured their first contract in southern California, for the improvement of Rowena Ave., between Glendale Blvd. and Ivanhoe Ave., amounting to $222,727.61. The members of the firm are Nicholas J. Jahn and Vincent Bressi. Jahn is a civil engineer.

ENGINEER SUES FOR FEE

For the purpose of clearing up a legal phase of the matter, Engineer Earl Cope of San Francisco has instituted mandamus proceedings in the superior court to compel Harry Flanery, auditor of Sutter County, to honor a claim of $2000 representing the fee sharged by Cope for preparing plans for a new trestle approach to t.. Feather River bridge at Nicolaus.

LUMBER TRANSFER RECORDED

Transfer to the Hutchinson Lumber Company of Oroville of 31,103 acres of timber land in Butte and Plumas Counties is revealed by deeds filed with the County Recorder at Oroville.

One deed covers the transfer of 13,178 acres of forest land in the two counties by the Brown-Wheeler Company, and another for 14,443 acres from the W. E. Wheeler Company, Inc. A third deed transfers 3,482 acres from the Soper-Wheel Company.

At the same time, the Hutchinson lumber company recorded a trust deed to cover a $2,000,000 bond issue bearing 6½ per cent interest. Trustees are the Detroit Trust Company and Ralph Stone. It covers all the properties of the company.

PUBLIC WORKS LIMIT BILL NOT ENDORSED

Passage was refused to Assembly Bill No. 1293, by Assemblyman Roy Fellon of San Francisco, relating to limitations on letting of public work. The vote was 12 to 21. Under the measure public work costing in excess of $10,000 by day labor or force account would have been prohibited until plans, specifications and estimates of cost would have been first prepared and except in the case of public work authorized by law to be done by convict or prison labor, without first having advertised for bids and bids had been rejected. Senator Frank M. Carr of Alameda County pleaded for the passage of the bill, while Senators E. J. Gates and Chas. W. Lyon, Los Angeles county, opposed the measure.

IMPORTS OF AMERICA LEAP ABOVE EXPORTS

America's favorable balance of trade was wiped out in the first four months of this year when imports exceeded exports by approximately $50,000,000, the Department of Commerce announces.

Excess of imports over exports in March was about $60,000,000 the first month to show an unfavorable balance of trade since June, 1914.

The increase of imports during March over the imports for the corresponding month last year was $150,000,000. Imports for March totaled $402,000,000, while the imports for March last year were $256,177,796.

WAGE INCREASES

The increase in average wage rates in this country is being accelerated, the monthly issued by the Labor Bureau, Inc., shows. The bureau lists 487 increases during April, as against two decreases. The largest number previously recorded was 216 in March, the report states:

"The textiles and clothing group leads again, with 190 increases in cotton mills, 19 in worsted and 18 in men's and women's garment makers were restored to the peak of 1920 and in some cases above it, through arbitration proceedings based largely on productivity. Mens clothing workers are receiving numerous increases. Building trades and materials rank next in number, and transportation is beginning to feel the up-swing, with scattered increases to longshoremen, carmen and other railroad employes. Increases in packing house affect many thousands of workers."

N. Y. BUILDERS SEEK TO HALT CONSTRUCTION, IS REPORT

According to advices from New York, a recommendation that all building construction be deferred for a few months to relieve a "serious situation throughout the country" was contained in a resolution adopted by representatives of virtually every branch of the building industry from various States, who met to discuss the situation at the home of Franklin D. Roosevelt, in New York on May 16th.

The meeting was called to consider with the board of directors of the American Construction Council, of which Roosevelt is president, the present abnormal condition of the building industry and to take action that might possibly relieve the situation. Groups represented included bankers, architects, contractors, material dealers and manufacturers, bond and insurance interests, labor, and Federal, State and municipal authorities.

RAILROAD COMMISSION AUTHORIZES POWER LINE PROJECT

Construction of the first power line crossing the main ridge of the Sierra Nevada mountains is authorized in an order issued by the Railroad Commission, approving a contract between the Pacific Gas & Electric Company and the Truckee River Power Company.

This contract covers the construction of an electric transmission line by Pacific Gas & Electric Company to the summit of the Sierras, where it will connect with a line being built by the Truckee River Power Company. This company supplies light and power in Reno, Sparks, Virginia City and vicinity and with increased demands for power the mining districts and the development of pumping for irrigation purposes, finds itself in need of additional energy.

This joint line will be the first power line crossing the main ridge of the Sierras, and connects another power system into the interconnected transmission net-work which now reaches the full length of California and almost across Oregon.

There is a continuous transmission line from Albany, Oregon, to the Mexican border, formed by the connection of the lines of the Mountain States Power Company in Southern Oregon and Northern California, Pacific Gas & Electric Company in Northern and Central California, San Joaquin Light & Power Corporation in the San Joaquin Valley, Southern California Edison Company in Southern California, San Diego Consolidated Gas & Electric Company, whose lines reach to Tiajuana, and Southern Sierra Power Company, whose lines reach the border of Mexicali.

These companies all buy and sell power, as each company has a surplus available, or can economically utilize power from one of its neighbors. Over thirty steam generating plants and almost one hundred hydro-electric plants feed into this system and their combined output is available for the combined requirements of all of the customers served from the lines.

Put four comparatively small gaps in the transmission systems of the northern states remain to interrupt a continuous line from Yuma north through California and Oregon to Puget Sound and easterly across Washington and Idaho to Billings, Montana.

The contract in question is for a term of ten years, and covers the construction of Pacific Gas & Electric Company of a 60,000 volt electric transmission line from its present system to a point near Summit, Placer County, and the delivery at that point of not to exceed 5,000 kilowatts of electric power. The energy delivered over this line is to be charged for at the regularly filed rates of Pacific Gas & Electric Company, the Truckee River Power Company making an advance payment of a portion of the cost of the transmission line, which will be refunded by an annual discount of 20 per cent upon future bills of the Truckee River Power Company, which guarantees a minimum annual bill of $20,000.

COST OF DRY WELLS

In the quest of petroleum about $30,000,000 is spent yearly in the United States in drilling dry holes, at an average cost of $10,000 a hole. Texas shows the highest percentage of such losses because of wildcat drilling. California and New York have the lowest percentage of dry holes of the oil-producing states. "Compressed Air" Magazine.

SENATE FOR PUBLICITY ON DAY'S LABOR WORK

The Breed bill (S. N. No. 580) has been passed by the senate of the California legislature and its advocates believe that it will also be passed by the assembly, and that it will receive the approval of the governor. It is a measure that will be of decided benefit to taxpayers. Following is the text of the bill:

Section 1. It shall be the duty of the state highway engineer, the state engineer, the state architect and of every county engineer, county surveyor, city and county engineer, county highway engineer, road commissioner, city engineer, commissioner of public works, superintendent of streets, harbor engineer, flood control engineer, and the engineer of any reclamation, irrigation or other district, political subdivision or agency of the state directing, supervising or superintending the construction, or in charge of the engineering work for or in connection with the construction of any bridge, road, street, highway, ditch, canal, dam, tunnel, excavation, building or structure within the state by day's labor or force account except emergency and maintenance work and work costing less than ten thousand dollars, to keep an accurate account of the cost of such work; to prepare and file in his office, prior to the commencement of the work, full, complete and accurate plans and specifications, and an estimate of the cost thereof, except where other and adequate provision is made by law requiring the preparation and filing of such plans, specifications and estimates of cost by some other officer or in some other office; and, upon completion of any such work, to prepare and file in the office of the county clerk of the county in which the work is performed a certificate in writing verified by him in the same manner as complaints in civil actions, setting forth the estimate of cost, names of bidders, with prices bid, changes in adopted or approved plans and specifications, that the work performed has or has not been done in accordance with such plans and specifications, a list of any publicly-owned equipment used in the work, and an itemized statement of the actual cost of all labor, materials, rentals, repairs, compensation and other insurance, transportation of labor, equipment and materials, engineering or architectural services including the services of public employees in connection with the work, and any and all other cost entering into the work performed, including a reasonable amount for depreciation of publicly-owned equipment used in the work and the cost of repairs thereon while so used.

Sec. 2. Such plans, specifications and certificates shall be open to inspection and examination as a public record.

SCHOOL BOND ISSUES

Various school districts of California have bonded themselves for almost $100,000,000 during the last four years for the purpose of building school buildings and purchasing school sites and equipment. The returns from forty-nine of the fifty-eight counties of the State show school bonds of $86,865,804 voted since 1919. It is significant that $46,852,000, or more than half this amount, was voted in the year 1922. San Francisco and Los Angeles being responsible for much of this amount. These figures were compiled by Professor of the University of California and released by Will C. Wood, superintendent of public instruction.

FIRST CLASS CONSTRUCTION VIA THE ARCHITECT

Whether it is a retaining wall, garage, warehouse, home or great cathedral that is to be built, those responsible for its proper construction will make no mistake in employing a good architect. It is to be regretted that so many of our business men have but little understanding of the work of the architect and that a substantial percentage of those who do understand the high class service he is capable of rendering often make costly mistakes in attempting to dispense with his services.

The architect—he who is really capable and who stands high in his profession—has been reluctant to step forward and assert himself. The code of ethics to which he subscribed warns him that there is a line beyond which he must no go in his endeavor to obtain commissions. The aggressive business man, accustomed to dealing with an entirely different type of man, has often been led to believe that the architect is a more or less visionary dreamer—an impractical artist instead of the exceptionally practical man that he really is.

Because of the reputable architect's close observance of the ethics of his profession the public generally has suffered, and Americans today have but little appreciation of architecture. Had it been possible for the architect to make his presence more strongly felt all would be more advantageously situated today. Finer buildings and safer buildings would stand as monuments to the competent architect and intelligent owner, instead of the clumsy, barnlike firetraps that occupy many of the finest building sites in American cities.

There are "mustang" architects licensed to practice, but it is not difficult for the business man to detect these parasites. They will accept a commission on a cut-rate basis, promise anything and everything and leave the owner with a bill for "extras," a misfit structure and too often a belief that an architect can well be dispensed with.

The reputable architect takes far more pride in his work than satisfaction in the commission received. Regardless of the building construction that may be contemplated, the best advice that can be given the prospective builder is—employ a competent architect! — Journal of Commerce, Seattle.

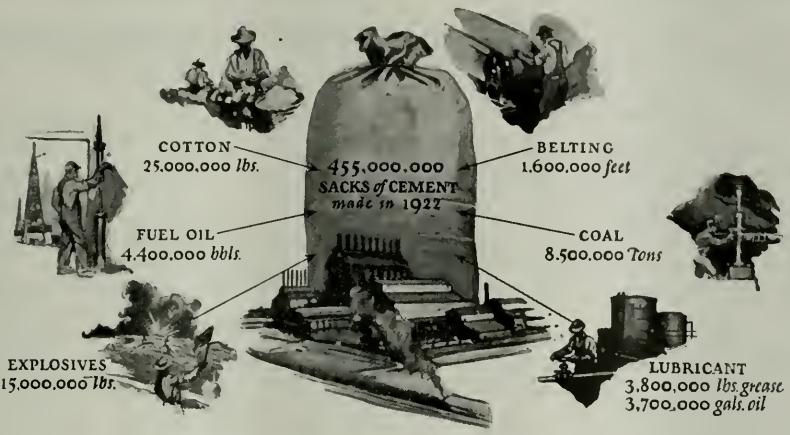
STOCKTON UNION MEN ORDERED BACK TO WORK

Carpenters' Union No. 266 of Stockton has ordered its members to return to work, an agreement, not made public, having been reached by the union officials and the Master Builders of Stockton. The agreement, the announcement stated "is suitable to both parties."

Carpenters and joiners of Stockton last month notified the contractors that commencing May 1st, an increase from $8 to $9 a day would go into effect. These units were later joined by the millmen of Stockton.

Following the request for the increased wage the Master Builders and the Stockton Builders' Exchange voted not to grant the increase and for a short period building in Stockton and vicinity slackened.

The recent announcement that a satisfactory agreement has been reached assures the Stockton builders that construction activities will continue unabated.



Your Business—*and* Cement

WHO OPERATES a basic industry is less important than how many people benefit by it.

From the cement industry, an extraordinary number benefit.

In making the 455,000,000 sacks turned out last year, the mills used 8,500,000 tons of coal. This meant 8,500 coal miners steadily employed —their families, numbering not less than 25,000, maintained—and along with them tradesmen and other people enough to supply the needs of a town of over 50,000.

That is, of course, saying nothing of the business created for coal operators and transportation lines.

Sacks are a lesser item in the cement industry than coal, yet 50,000,000 new sacks, representing 50,000 bales—25,000,000 pounds—of cotton, had to be bought last year. Back of this were cotton planters, plantation workers, mill owners, mill operatives and so on—thousands altogether.

And consider these other requirements of the industry last year:

4,400,000 barrels of fuel oil
3,400,000,000 cubic feet of gas
15,000,000 pounds of explosives
32,600,000 pounds of greases and oils
1,600,000 linear feet of belting
4,500,000 firebrick for relining kilns
7,000,000 pounds of paper for bags
570,000 tons of gypsum

In addition the industry bought quantities of heavy grinding and burning machinery, locomotives, cars, rails, electrical and other necessary equipment.

It's interesting, isn't it, how a single industry can spread prosperity?

PORTLAND CEMENT ASSOCIATION

A National Organization to Improve and Extend the Uses of Concrete

Atlanta	Des Moines	Los Angeles	Parkersburg	San Francisco
Boston	Detroit	Milwaukee	Philadelphia	Seattle
Chicago	Helena	Minneapolis	Pittsburgh	St. Louis
Dallas	Indianapolis	New Orleans	Portland, Oreg.	Vancouver, B. C.
Denver	Kansas City	New York	Salt Lake City	Washington, D. C.

Would you like to have a copy of our little brochure, "Fifty Years of Portland Cement in America"? If so, ask for your free copy.

MEASURING KILN TEMPERATURES UP TO 3,000 DEGREES

When it comes to measuring the temperature of the hottest summer days, the old-fashioned mercury thermometer serves very well. But at 675 degrees Fahrenheit, mercury reaches its boiling point, and is useless for measuring higher temperatures.

In the manufacture of portland cement, temperatures of between 2700 and 3000 degrees Fahrenheit are generated in the huge, rotary kilns. Many kiln operators have been trained by years of experience to recognize the proper temperature by the color and appearance of the burning materials, but it is frequently considered desirable to take the temperatures mechanically.

One way of doing this is with a "radiation pyrometer." Standing a few feet in front of the kiln, the operator looks through a little telescope, containing a piece of colored glass and two small wires. He trains this instrument on the seething mass inside the kiln, where the raw materials from which cement is made, are being burned to clinker. So intense are the flames that the onlooker is blinded unless he wears colored glasses.

As the operator "sights" the little telescope on the kiln's contents, he picks out the spot in the furnace where the glow is hottest. The telescope acts like a big "sun glass." It focuses the heat on the little wires inside it. The wires expand and move a needle in an indicator box, and the needle in turn indicates the temperature on a disc. It is the work of only a few minutes to ascertain the temperature inside the kiln. Most of the pyrometers will indicate temperatures up to 3600 degrees.

At one of the cement plants the telescope of the pyrometer was turned on the sun, and the little needle on the indicator disc immediately sprang over the maximum figure, bouncing against the side of the box in its effort to record the heat on the sun's body—93,000,000 miles away.

The temperature inside a cement kiln—one of the highest used in any industry— is produced by one of three fuels: gas, oil or powdered coal. In any case, the fuel is blown in under pressure from a jet at the lower end of the long, reclining, revolving kiln and burns in a flame from twenty to thirty feet long.

To make a barrel, or 376 pounds of cement under ordinary conditions, 200 pounds of coal, or equivalent fuel, must be burned—about three-fifths of it in the kiln.

A kiln with a daily capacity of 1000 barrels of clinker (unground cement) will consume approximately 60 tons of powdered coal every 24 hours—a ton every 24 minutes.

STATE EXAMINATIONS

The California State Civil Service Commission, Forum Bldg., Sacramento, announces a series of examinations to be held shortly after June 9, the last day on which applications may be filed by those desiring to take the examinations.

The examinations will cover general skilled and unskilled trades; printing trades; marine trades and railroad positions.

Further information in addition to applications may be had from the Commission office at Sacramento or from the State Free Employment Bureau, at the following locations: 771 Howard St., San Francisco, 401 Tenth St., Oakland, 176 S-Market St., San Jose; 916 H St., Fresno, 200 S-San Joaquin St., Stockton, 206 Court St., Los Angeles.

Official Membership Directory

Builders' Exchange Of Contra Costa County

246-52 Fourteenth Street **RICHMOND, CALIFORNIA**

Telephone Rich. 685

—Officers—

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Walker, James

BRICK DEALERS AND MANUFACTURERS
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Armstead's, R. G., Gen. Hdwe.
Burdick's, A. C., Gen. Hdwe.
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Anderson, N. E.
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Fagerstrom, A.
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Snelgrove, W.
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Higgins, L. S.

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Higgins Co., E. H.
Rich. Navigation & Imp. Co.
Richmond Supply Co.

BUILDING SPECIALTIES
Hagberg & Orttenblad
Kawneer Mfg. Co.
Petrium Sanitary Sink Co.

CABINET WORKS
Millradt & Son, H.
Pedersen, C.

CEMENT CONTRACTORS
Ausez, Frank
Rogers, S. C.

CEMENT DEALERS
(See Building Materials)

COMPOSITION FLOORS
Petrium Sanitary Sink Co.

CONCRETE CONTRACTORS
(See Cement Contractors)

DAMPPROOFING
(See Roofing Contractors)

DEAFENING FELT
(See Builders Hdwe.)

DRAIN BOARDS
Petrium Sanitary Sink Co.

ELECTRICAL CONTRACTORS
Noble, R. D.
Pacific Electrical Mfg. Co
Pioneer Electric Co.
V. G. Electric Co.

GLASS AND GLAZING
Cobbledick & Kibbe
Fuller & Co., W. P.
Mayfield, F. A.
Smith, P. A. Co.

HARDWARE DEALERS
(See Builders' Hardware)

HARDWOOD FLOORS
Golden West Floor Co.
Spaulding, Geo. L.

HAULING
By Land or Water
Rich. Navigation & Imp. Co.

HAULING & TEAMING
Higgins, E. H. Co.
Marshall, C. E.

HEATING AND VENTILATING
Collins, J. I.

HOUSE MOVER
Baker, Herbert D.

INSURANCE AND SURETY BONDS
Hays, M. A. Co.
Richards, W. J., Jr.

IRON—Ornamental
Michel & Pfeffer Iron Works

LATHING
Dunn & Vaughan

LATHING AND PLASTERING
(See Plastering Contractors)

LIGHTING FIXTURES
Noble, R. D.
Pacific Elec. Mfg. Co.
Pioneer Elec. Co.
V. G. Electric Co.

LIME & CEMENT
(See Building Materials)

LUMBER AND MILL WORK
Irwin & Lewis Lumber Co.
San Pablo Lumber Co.
Siege Lumber & Hardware Co.
Tilden Lumber Co.

MAGNESITE
Petrium Sanitary Sink Co.

MARBLE
Cook Marble Co., Ray
California Marble Co.

MANUFACTURERS
The Republic Steel Products Package Co.
Kawneer Manufacturing Co.
Petrium Sanitary Sink Co.

MILL WORK
(See Lumber & Millwork)

MIRRORS
(See Glass and Glazing)

PAINTING CONTRACTORS
Burdon, Joseph J.
DeGregorio, L.
Ross, J. J.
Marshall & Son
McCauley, F.

PAINT, OIL AND VARNISHES
Burdon, Joseph J.
De Gregorio, L.
Fuller & Co., W. P.
Mayfield, F. A.

PATENT CHIMNEYS
(See Sheet Metal Wks.)

PLANING MILLS
(See Lumber & Mill Work)

PLASTER CONTRACTORS
Brown, Chas.
Ingram, G. P.
Winchcole, A. H.

PLUMBING CONTRACTORS
Collins, J. I.
Rihn, W. D.
Spiersch Bros.
Timmons, R. W.
Washburn, R. A.

REAL ESTATE AND INSURANCE
Hays, M. A.
Richards, W. J., Jr.

ROCK, SAND & CEMENT
(See Building Materials)

ROOFING CONTRACTORS
Gorman, G. C.
Richmond Roofing Co.

SHEET METAL WORKS
Grutsch, Wm.
Spiersch Bros.

SINK BOARDS
Petrium Sanitary Sink Co.

SKY-LIGHTS
(See Sheet Metal Wks.)
(See Glass and Glazing)

STEAM HEATING
Collins, J. I.

STEEL CONTAINERS
The Republic Steel Package Co.

STEEL
Michel & Pfeffer Iron Works

STORE FIXTURES
Millradt, H. & Son
Pederson, C.

STORE FRONTS AND METAL MOULDINGS
Cobbledick & Kibbe
Kawneer Mfg. Co.

TILE & SLATE ROOFING
Richmond Roofing Co.

WALL PAPER HANGERS
(See Painting Contractors)

WALL PAPER
Burdon, Joseph J.
De Gregorio, L.

WEATHER STRIPS—All Metal
Hagberg & Orttenblad

WINDOWS
Kawneer Mfg. Co.

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

$1,000 and Over Reported

The following is an index for the contracts for this issue.

1919	Savage	Owner	25000
1920	Prop	Owner	40000
1921	Hallgren	Owner	4800
1922	Johnston	Hargrave	4000
1923	Pluth	Stewart	3000
1924	Mergenthaler	Owner	60000
1925	Delrieux	Owner	3000
1926	Lamb	Kerr	1500
1927	Newsom	Owner	3000
1928	Liati	Fracchia	36600
1929	Western	Barrett	33850
1930	Maffucci	Madden	4700
1931	Wolf	Owner	17800
1932	Overhouse	Brayden	1800
1933	Haggans	Owner	6000
1934	Klute	Meyer	12000
1935	1st Norwegian	Johnson	47978
1936	Lewis	Lewis	2500
1937	Malendi	Marchi	3400
1938	Wright	Hoyt	12000
1939	Levin	Gilley	3965
1940	Burg	McLean	——
1941	Burg	Meyer	9600
1942	Gross	Mattock	17371
1943	Partidos	Owner	6000
1944	Booth	Mitchell	5500
1945	Huller	Owner	1950
1946	Scanlon	Owner	1000
1947	Macdonald	Owner	2000
1948	Ringen	Sandow	4000
1949	Lurie	Wagner	7000
1950	Keyes	Vogt	8400
1951	Mohr	Hannah	41000
1952	Same	Otis	1250
1953	Brader	Brader	5000
1954	Damico	Ambrose	385700
1955	Pasqualetti	American	20000
1956	Exnicios	Owner	20000
1957	Brader	Owner	4000
1958	Thomas	Owner	7000
1959	Campe	Owner	3000
1960	Gower	Caranza	1500
1961	Cohn	Owner	18,000
1962	Smith	Ingraham	3000
1963	Allen	Owner	28000
1964	Melone	Leibert	16200
1965	Federal	Pneumatic	48500
1966	Milosevich	Gardner	3850
1967	Broderick	Casty	28220
1968	Broderick	Ernst	6234
1969	Broderick	Gau	2250
1970	Sullivan	Johnson	11500
1971	Rogghianti	Johnson	11,500
1972	O'Keefe	Mahoney	25,000
1973	Lamphear	Meyer	8000
1974	Roman	Owner	1500
1975	Magill	Magill	16,000
1976	Eperhart	Saari	3500
1977	Cunfermann	Petersen	9000
1978	Onstatt	Adler	13,800
1979	Adler	Owner	12000
1980	Westgate	Mangels	25669
1981	Garden	Mangels	25919
1982	Braun	MacGruer	2435
1983	Robb	Meyer	9600
1984	McLain	Urban	7000
1985	Hansen	McCauley	6110

OFFICES
(1919) SE GEARY AND TWENTY-second Ave. Two-story and basement concrete stores and offices.
Owner—W. A. Savage, 5450 California St., San Francisco.
Architect—C. O. Clausen, Hearst Bldg., San Francisco. $25,000

APARTMENTS
(1920) N WASHINGTON 137-6 W Jones. Three-story and basement frame (15) apartments.
Owner—W. Prop, 965 Hyde St., San Francisco.
Architect—H. C Baumann and Edw. Jose, 251 Kearny St., San Francisco $40,000

DWELLING
(1921) W FIFTEENTH AVE 275 S Irving. One-story and basement frame dwelling.
Owner — August Hallgren, 311 Hayes St., San Francisco.
Architect — J. C. Hladik, Monadnock Bldg., San Francisco. $4800

DWELLING
(1922) E THIRTY-SECOND AVE 125 N Taraval. One-story and basement frame dwelling.
Owner—W R. Johnston, 31 Geary St., San Francisco.
Architect—None.
Contractor—H. Hargrave, 1440 Valencia St., San Francisco. $4000

DWELLING
(1923) E SAN BRUNO 125 N Eighteenth. Two-story and basement frame dwelling.
Owner—L. Pluth.
Architect—None.
Contractor—A. L. Stewart, 1215 Revere Ave., San Francisco. $3000

ADDITION
(1924) NO. 638 SACRAMENTO. Three story and basement Class A addition to mercantile establishment.
Owner—Mergenthaler Linotype Co., 638 Sacramento St., San Francisco.
Architect — A. A. Cantin, 68 Post St., San Francisco. $60,000

DWELLING
(1925) W OAKDALE AVE 275 N Newhall. One-story and basement frame dwelling.
Owner—A. Delrieux, 1733 Oakdale Ave., San Francisco.
Architect—A. J. Fabre and E. H. Hildebrant, 110 Sutter St., San Francisco. $3000

ALTERATIONS
(1926) NO 34 ST. MARYS AVE. Raise cottage; remodel front and alter for basement garage.
Owner—Mrs. C. Lamb, Premises.
Architect—None.
Contractor—Kerr & McLean, 180 Jessie St., San Francisco. $1500

DWELLING
(1927) W TIFFANY AVE 250 S Duncan. One-story and basement frame dwelling.
Owner—Wm. A. Newsom, Bank of Italy Market and Powell Sts., S. F.
Architect—A. G. Rizzolia, 2897 Folsom St., San Francisco. $3000

APARTMENTS
(1928) W LARKIN 91-3¾ S Greenwich 37-6x97-7¾. All work for two-story and three-story and basement frame apartment bldg.
Owner—Louis Liati, 18 Columbus Ave., San Francisco.
Architect — Louis Mastropasqua, 580 Washington St., San Francisco.
Contractor—J. Fracchia and C. Rosina, 36 Cunningham Place, S. F.
Filed May 10, '23. Dated Apr. 25, '23
Frame up $9150
Brown coated 9150
Completed and accepted..... 9150
Usual 35 days..... 9150
TOTAL COST, $36,600
Bond, $18,300. Sureties, Antonio Carrara and G. B. Cordano. Limit, 135 days. Forfeit, $10. Plans and specifications filed.

STOCKHOLDERS AUXILIARY CORP.

INSURANCE { FIRE
SURETY BONDS
CASUALTY

PHONE DOUGLAS 6000
550 MONTGOMERY ST.

BUILDING
(1929) NE SIXTH AND STEVENSON. Removal of old work, excavation and concrete work for three-story building.
Owner—The Western States Life Ins. Co., SE Market and 6th Sts., S. F.
Architect—Reid Bros., 105 Montgomery St., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.
Filed May 10, '23. Dated May 8, '23. Foundations ready for steel work, 75% of work done, etc., 1st floor and basement walls poured, when 2nd floor and 1st story walls are poured, when 3rd floor and 2nd story walls poured and when 4th floor and roof houses thereon and walls of 3rd story poured in each case 75%
Usual 35 days..... 25%
TOTAL COST, $33,850
Bond, $16,925. Sureties, Albert Lachman and Harry Gaetzgen. Limit, as required. Forfeit, none. Plans and specifications filed.

DWELLING
(1930) N PALOU 237½ E Lane. Two-story and basement frame dwelling
Owner—Giovanni Maffucci & wife.
Architect—None.
Contractor—Madden-Hammersmith Co., 330 Pacific Bldg., S. F. $4700

FRAME FLATS
(1931) W TWENTY-FIRST AVE 200 S Lake. Two-story and basement frame (2) flats.
Owner—Adolph C. Wolf, 425 Kearny St., San Francisco.
Architect—W. H. Crim Jr. and Hamilton Murdock, 425 Kearny St., San Francisco. $17,900

DWELLING
(1932) S FRANCIS 450 W Mission. Two-story and basement frame dwelling.
Owner—Ray Overhouse, 3102 25th St., San Francisco.
Architect—Gustave Stahlberg, 544 Market St., San Francisco.
Contractor — G. A. Brayden, Bakersfield, Calif. $1800

DWELLINGS
(1933) SE CABRILLO AND THIRTY-eighth Avenue.
E THIRTY-EIGHTH AVE 25 S Cabrillo. Two one-story and basement frame dwellings.
Owner—Chas. Haggans, 270 Rolph St., San Francisco.
Architect—None. $3000 each

DWELLINGS
(1934) E THIRTY-NINTH AVE 360, 390, 415 and 440 S Anza. Four one-story and basement frame dwellings.
Owner—Wm. Klute, 5326 Geary St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Meyer Bros., 5326 Geary St., San Francisco. $3000 each

CHURCH
(1935) NW FOURTEENTH AND BELcher. Three-story and basement frame church, parsonage and girls' home.
Owner—First Norwegian-Danish M. E. Church of San Francisco, Robert P. Peterson, Pastor, 3629 23rd St., San Francisco.
Architect—Willson J Wythe, 514 Central Bank Bldg., Oakland.
Contractor—Joel Johnson & Son, 180 Jessie St., San Francisco. $47,978

DWELLING
(1936) N GRAFTON AVE 100 E Lee. One-story and basement frame dwelling.
Owner—Mrs. Bessie V. Lewis, 420 Plymouth Ave., San Francisco.
Architect—None.
Contractor—H C Lewis, 420 Plymouth Ave., San Francisco. $2500

DWELLING
(1937) NW WAYLAND & CHARTER Oak Aves. One-story and basement frame dwelling.
Owner—F. Malendi, 790 Charter Oak Ave., San Francisco.
Architect—None.
Contractor — A Marchi, 6836 Mission St., San Francisco $3400

ADDITION
(1938) NE HARRISON AND RITCH. Addition to 2nd story to cover entire area of 1st floor for mfg. plant and laboratory; install elevator, etc.
Owner—H. L. Wright, 1545 Divisadero St., San Francisco.
Architect—Ward & Blohme, 454 California St., San Francisco.
Contractor — H. P. Hoyt, Monadnock Bldg., San Francisco. $12,000

THEATRE BLDG.
(1939) NW GEARY & EIGHTEENTH Ave. N 150 W 120 S 50 E 32-6 S 100 E 87-6. Plumbing for class A theatre building.
Owner—Alex E. & Jos. L. Levin, Chronicle Bldg., San Francisco.
Architect—Reid Bros., 105 Montgomery St., San Francisco.
Contractor—Gilley Schmid Co., 198 Otis St., San Francisco.
Filed May 11, 1923. Dated April 24, 1923. 5th day each month 75%
Usual 35 days 25%
TOTAL COST, $3965
Bond, $1982.50; Sureties, J. V. Young & H. Wank; Forfeit, Limit, none; Plans and specifications filed.

RESIDENCE
(1940) LOT 11 BLK 1308 SUBDIVISION 3 Sea Cliff. All work for 2-story & basement frame residence and garage.
Owner—Carl H. Burg, 1501 Lake St., San Francisco.
Architect—Lewis M. Gardner, 942 Pine St., San Francisco.
Contractor—Robert A. McLean, 761 17th Ave., San Francisco.
Filed May 11, 1923. Dated May 10, 1923. Payments of full value of work done and material furnished plus 5% on 1st and 15th of each month.
TOTAL COST, $——
Actual cost plus 5%.
Bond, Sureties, Forfeit, none; Limit, 100 days; Plans and specifications filed.

COTTAGES
(1941) W FORTY-FIRST AVE 75 S Balboa S 50 W 120 N 25 E 37-6 N 25 E 82-6. All work for two six-room cottages.
Owner—W. C. Edwards, 773 28th Ave., San Francisco.
Architect—None.
Contractor—Meyer Bros., 5326 Geary St., San Francisco.
Filed May 11, '23. Dated May 11, '23.
Frame up $2400
Brown coated 2400
Completed 2400
Usual 35 days..... 2400
TOTAL COST, $9600
Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

FRAME FLATS
(1942) W ASHBURY 152 S Frederick S 25 ——. All work for two-story frame flat building.
Owner—Max Gross, 792 Ashbury St., San Francisco.
Designer—Mattock & Feasey.
Contractor — Mattock & Feasey, 251 Kearny St., San Francisco.
Filed May 11, '23. Dated May 8, '23.
2nd floor joists in place.....$3474.25
Roof and exterior walls boarded 3474.25
Interior plaster completed.. 3474.25
30 days after..... 2174.00
6 months after completion.. 1300.00
TOTAL COST, $17,371.00
Bond, limit, forfeit, none. Plans and specifications filed.

FRAME FLATS
(1943) W TWENTY-THIRD AVE 275 N Anza. Two-story and basement frame (2) flats.
Owner—S. Partidos, 433 23rd Ave., San Francisco.
Plans by Owner. $6000

DWELLING
(1944) E FLORIDA 28 S Serpentine Ave. Two-story and basement frame dwelling.
Owner—J. Booth, 1467 Florida St., San Francisco.
Architect—None.
Contractor—Thos. F. Mitchell & Son, 1370 Utah St., San Francisco. $5500

DWELLING
(1945) SW BRAZIL 75 NW Paris. One-story and basement frame dwelling.
Owner—F. W. Huller, 4609 Mission St., San Francisco.
Architect—None. $1950

ADDITION
(1946) NO. 241 FIFTH AVE. Add bath room and porch to dwelling; and other minor repairs.
Owner—D. W. Scanlon, % Architect.
Architect—Martin A. Sheldon, 110 Sutter St., San Francisco. $1000

ALTERATIONS
(1947) NO. 2530 SACRAMENTO. Remodel residence for (2) flats, 14x16 ft. addition.
Owner—E. M. Macdonald, Premises.
Architect—None. $2000

DWELLING
(1948) S FRANCISCO 125 W Franklin Two-story and basement frame dwelling.
Owner—W. M. Ringen, 848 Bay St., San Francisco.
Architect—None.
Contractor—Harry L. Sandow, 709 25th Ave., San Francisco. $4000

SHOP
1949 E COLUMBIA SQUARE 75 N Harrison. One-story frame shop.
Owner—Louis R. Lurie Co., California Commercial Bldg., San Francisco.
Architect—None.
Contractor—Geo. Wagner, 251 Kearny St., San Francisco. $7000

ADDITION
(1950) SE WELSH 25 SW Zoe SW 62-6 xSE 75. All work except steel and rough iron, plumbing, painting, wiring and fixtures for one-story extension to present building.
Owner—A. D. Keyes, Humboldt Bank Bldg., San Francisco.
Architect — Nathaniel Blaisdell, 255 California St., San Francisco.
Contractor—Alfred H. Vogt, 185 Stevenson St., San Francisco.
Filed May 14, '23. Dated May 8, '23. Walls up to level of truss hearings $3000
Completed and accepted..... 3300
Usual 35 days..... 2100
TOTAL COST, $8400
Bond, $4200. Sureties, Emil Hogberg and H. W. Gaetzen. Limit, 60 days. Forfeit, $10. Plans and specifications filed.

ADDITIONS
(1951) SE MISSION, 133-3⅜ NE 5th, NE 50 x SE 160. All work except elevators, fire escapes, elevator griller., etc for 2 additional stories to bldg.
Owner—Selby & Henry R. Mohr, 425 Kearny St.
Architect—W. H. Crim, Jr., & Hamilton, Murdock, 425 Kearny St.
Contractor—Hannah Bros., 142 Sansome St.
Filed May 14, '23. Dated, May 9, 1923. 1st and 15th, each mo.....75%
Usual 35 days after 25%
TOTAL COST $41,000
Bond $20,500; sureties, P. B. Ward & W. M. McCabe; forfeit, $30; limit, 60 days. Plans and Spec. filed.

(1952) ELEVATOR WORK ON ABOVE
Contractor—Otis Elevator Co., Beach & Stockton Sts.
Filed May 14, '23. Dated April 3, '23.
Guider in position.....20%
On shipment of machine.....50%
Machine in position 20%
When running 10%
TOTAL COST $8250
Bond, $4125; sureties, A. J. McNicoll, J. J. Stolz; specifications and plans filed.

BUNGALOW
(1953) E THIRTY-EIGHTH AVE 200 N Fulton N 25x120. All work for one-story frame bungalow.
Owner—Louis Brader.
Architect—None.
Contractor—Louis Brader.
Filed May 14, '23. Dated May 14, '23.
1st floor joists on.....$1250
Frame completed 1250
Borwn coated 1250
Bungalow completed 1250
TOTAL COST, $5000
Bond, none. Limit, 120 days. Forfeit, plans and specifications, none

APARTMENTS
(1954) SE CLAY AND GOUGH. Ten-story and basement Class A steel and concrete (20) apartments.

Owner—Tony Damico, 889 Filbert St., San Francisco.
Architect—E. E. Young, 2001 California St., San Francisco.
Contractor—F. C. Amoroso, 1336 Kearny St., San Francisco. $385,700

GARAGE
(1955) N HAYES 130 E Clayton. Two-story concrete public garage.
Owner—Joseph Pasqualetti, 785 Market St., San Francisco.
Architect—None.
Contractor — American Concrete Co., 785 Market St., S. F. $20,000

RESIDENCE
(1956) SW ST. FRANCIS BLVD. AND San Benito Way. Two-story and basement frame residnce.
Owner—Mrs. Joie Exnicios, 3515 Geary St., San Francisco.
Architect—A. Horstmann, 303 Anglo Bldg., 16th and Mission Sts., San Francisco. $20,000

DWELLING
(1957) E THIRTY-EIGHTH AVE 200 N Fulton. One-story and basement frame dwelling.
Owner—Louis Brader, 293 Golden Gate Ave., San Francisco.
Architect—None. $4000

FRAME FLATS
(1958) S GEARY 82-6 E Twenty-first Ave. Two-story and basement frame (2) flats.
Owner—J. C. Thomas, 5429 Geary St., San Francisco.
Architect—None. $7000

DWELLING
(1959) E VICKSBURG 75 N Twenty-fourth. One-story and basement frame dwelling.
Owner—Mrs. A. Campe, 39 Hill St., San Francisco.
Designer—Edw. J. O'Connor, 346 Woolsey St., San Francisco. $3000

DWELLING
(1960) E LEAVENWORTH 87-6 N Chestnut. One-story frame dwlg.
Owner—T. P. Gower, 16 Colifornia St., San Francisco.
Architect—None.
Contractor—G. Caranza, 374 Shotwell St., San Francisco. $1500

APARTMENTS
(1961) N POST 50 E Jones. Six-story concrete (21) apartments.
Owner—Geo. Cohn.
Architect—Sam Heiman, 57 Post St., San Francisco. $18,000

DWELLING
(1962) N MORAGA 82-6 W Tenth Ave. One-story and basement frame dwelling.
Owner—Miss Ella Smith.
Architect—G. A. Berger, 261 Valencia St., San Francisco.
Contractor—M. I. Ingraham, 165 Fell St., San Francisco. $3000

RESIDENCES
(1963) NE TWENTY-EIGHTH AVE. and Camino Del Mar.
E TWENTY-EIGHTH AVE 50, 80½ and 111 S Camino Del Mar. Four two-story and basement frame residences.
Owner—Allen & Co., 168 Sutter St., San Francisco.
Architect—Earle B. Bertz, 168 Sutter St., San Francisco. $7000 ea

ALTERATIONS
(1964) S DUBOCE AVE. 192 E Valencia S 160 E 67-4 N 15 E 8 in N 50 W 8 in. N 95 W 67-4 MB 27. Alterations to building.
Owner—The Melone Company, Napa.
Architect—F. R. Collins, Hyde St., San Francisco.
Contractor—J. G. Leibert, 180 Jessie St. San Francisco.
Filed May 15, 1923. Dated April 16, 1923.
1st and 15th each month.....75%
Usual 35 days 25%
TOTAL COST, $16,200
Bond, Sureties, none; Forfeit, $10; Limit, 60 days. Plans and specifications filed.

TUBE SYSTEM
(1965) NW BATTERY & SACRAMENto W 275 x N 119-6. Pneumatic tube system for a 7-story class A bank building.
Owner—Federal Reserve Bank of S. F.
Architect — Geo. W. Kelham, Sharon Bldg., San Francisco.
Contractor—Pneumatic Tube Supply Co.
Filed May 15, 1923. Dated April 27, 1923.
10th of each month 75%
Usual 35 days 25%
TOTAL COST, $48,500
Bond, $24,250; Sureties, Globe Indemnity Co.; Forfeit, none; Limit, 20 mo.; Plans and specifications filed.

FRAME BUILDING
(1966) LOT 17 BLK 65 Reis Tract N Raymond Ave 144.36 W San Bruno Ave. All work except shades, gas fixtures for one-story and garage frame building.
Owner—Nick Milosevich, 261 Valencia St., San Francisco.
Architect—G. A. Berger, 261 Valencia St., San Francisco.
Contractor—Gardner & Co., 261 Valencia St., San Francisco.
Filed May 15, '23. Dated May 2, '23.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, $3850
Bond, $1000. Sureties, Thos. F. M Tarman and John Miron. Limit, forfeit, none. Plans and specifications filed.

APARTMENTS
(1967) NW HAYES AND FILLMORE. N 57-6 to pt of beg. W 92-6 N 55 E 92-6 S 55. All work except sewering, plumbing and painting for 3-story frame building, stores and apartments.
Owner—E. Broderick, 717 Fillmore St., Son Francisco.
Architect—Carl Geilfuss, 1056 Fulton St., San Francisco.
Contractor—John Casty & Son, 258 London St., San Francisco.
Filed May 15, '23. Dated May 11, '23.
Enclosed and roof on.....$4233
Ready for lathing..... 4233
White coated, outside completed 4233
Ready for painters..... 4233
Completed and accpcted..... 4233
Usual 35 days..... 7055
TOTAL COST, $28,220
Bond, $14,110. Sureties, J. H. McCallum and Peter T. C. Wolff. Limit, 110 days. Forfeit, $25. Plans and specifications filed.

(1968) SEWERING, PLUMBING, ETC., on above.
Contractor—Henry Ernst & Sons, 633 Hayes St., San Francisco.
Filed May 15, '23. Dated May 11, '23.
Roughed in $2287
Completed and accepted..... 2287
Usual 35 days..... 1560
TOATL COST, $6234
Bond, $3117. Surety, K. O. Wilson. Limit, 5 days after carpenter work done. Forfeit, $25. Plans and specifications filed.

(1969) PAINTING, ETC., ON ABOVE
Contractor—Philip Gau, 844 Florida St. San Francisco.
Filed May 15, '23. Dated May 11, '23.
On 1st and 15th of each month 75%
Usual 35 days..... 25%
TOTAL COST, $2250
Bond, $1125. Sureties, Eugene Greninger and Peter Schaefer. Limit, 21 days after carpenter work done. Forfeit, $25. Plans and specifications filed.

DWELLING
(1970) W GUERRERO 33 E Dorland. 2-story and basement frame dwlg.
Owner—Thos. W. Sullivan, 1942 Folsom St., San Francisco.
Architect—Jno. J. Foley, 770 5th Ave., San Francisco.
Contractor—Fred S. Johnson, Northern Hotel, S. F. $11,500

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FLATS
(1971) N CHESTNUT 112-6 E Gough. 2-story and basement frame (2) flats.
Owner—Archille Rogghianti, 770 5th Ave., San Francisco.
Architect—Jno. J. Foley, 770 5th Ave., San Francisco.
Contractor—Fred J. Johnson, Northern Hotel, S. F. $11,500

STORE & APTS.
(1972) N SIXTEENTH 65 E Howard. 3-story and basement frame store and (13) apartments.
Owner—D. O'Keefe, Burlingame.
Architect—Shea & Shea, 527 Chronicle Bldg., San Francisco.
Contractor — D. J. O'Mahony, 2874-A Harrison St., S. F. $25,000

DWELLING
(1973) E FRANKLIN 137-6 S Bay. 2-story and basement frame dwelling
Owner—George Lamphear, % architect.
Architect—H. C. Baumann and Edward Jose, 251 Kearny St., S. F.
Contractor—Meyer Bros., 5324 Geary St San Francisco. $8000

ALTERATIONS
(1974) N GREEN 100 E Pierce. Rearrange partions, install plumbing and electric work apartments.
Owner—Roman Catholic Archbishop, 1100 Franklin St., S. F.
Architect—None. $1500

APARTMENTS
(1975) W TWENTY-FIRST AVE. 275 & 300 N. Geary. 2 2-story and basement frame (4) apartment bldgs.
owner—W. W. Magill, 751 12th Ave., San Francisco.
Architect—None.
Contractor—C. T. Magill, 581 4th Ave., S. F. $8000 each

DWELLING
(1976) SE LONDON 200 N Brazil Ave. 1-story and basement frame dwelling.
Owner—Mrs. Eperhart, 227 London St., San Francisco.
Architect—None.
Contractor—S. Saari, 155 Brussel St., San Francisco. $3500

DWELLINGS
(1977) S HOLLOWAY AVE. 25 E Miramar Ave. Three 1-story and basement frame dwellings.
Owner—George Cunfermann, 2616 Folsom street, S. F.
Plans by contractor.
Contractor—Antone Petersen, 2770 San Bruno Ave., S. F. $3000 each

APARTMENTS
(1978) E TWENTY-THIRD AVE. 100 S Geary. 2-story & basement frame (4) apartments.
Owner—J. O. Onstatt.
Plans by contractor.
Contractor—K. Adler, 493 22nd Ave., S. F. $13,800

APARTMENTS
(1979) E TWENTY-THIRD AVE. 75 S Geary. 2-story & basement frame (4) apartments.
Owner—K. Adler, 493 22nd Avenue, S. F.
Plans by owner. $12,000

RESIDENCES
(1980) LOTS 30, 31, 35 AND 36 BLK 26 St. Francis Wood descd at Lot 30 Blk 26 descd as SE San Pablo Ave dist SW 35 from intersection San Pablo Ave with dividing line bet Lots 10 and 11 Blk 26 St. Francis Wood Extn No. 2 and rung th S 48° 16' 02" E 110.36 to SE line Blk 26 th NE alg SE 32 15 th N 41° 34' 14" W 109.54 to SE San Pablo Ave SW alg San Pablo Ave 45 to beg Ptn Lots 10 and 11 Blk 26 St. Francis Wood Extn No. 2.
LOT 31 BLK 26 descd as SE bdy line San Pablo Ave dist 5 NE alg SE bdy line San Pablo Ave from intersection with line dividing line Lots 9 and 10 Blk 26 St. Francis Wood Extn No. 2 and rung SW alg SE bdy line San Pablo Ave 45 and rung S 41° 34' 14" E 109.54 to SE bdy line Blk 26 and rung NE alg SE bdy line Blk 26 32.29 rung N 34° 52' 25" W 108.21 to beg ptn Lots 9 and 10 Blk 26, St. Francis Wood Extn No. 2.

LOT 35 BLK 26 descd as SE bdy line San Pablo Ave 10 SW alg SE bdy line San Pablo Ave from intersection with line dividing Lots 6 and 7 Blk 26 St Francis Wood Extn No 2 rung S 32° 26' 20" E 116.7 to SE bdy line Blk 26 and rung NE alg SE bdy line Blk 26 40.02 rung N 32° 26' 20" W 116 11 to SE bdy line San Pablo Ave and rung SW alg SE bdy line San Pablo Ave 4 to beg being ptn Lots 6 and 7 Blk 26, St. Francis Wood Extn No. 2.

LOT 36 BLK 26 descd as SE bdy line San Pablo Ave 15 alg SE bdy line San Pablo Ave SW from intersection with line dividing Lots 5 and 6 Blk 26 and rung S 32° 26' 20" E 116.11 to SE bdy line Blk 26 and rung NE and following SE bdy line Blk 26 10.20 and rung N 32° 26' 20" W 112.27 to SE bdy line San Pablo Ave and rung SW and following SE bdy line San Pablo Ave 40 to beg ptn Lots 5 and 6 Blk 26 St. Francis Wood Extn No. 2. All work for four residences.

Owner—Westgate Park Co.
Architect—Chas. F. Masten and Lester W. Hurd, 168 Sutter St., San Francisco.
Contractor—Mangels Bros., 4792 Mission St., San Francisco.
Filed May 15, '23. Dated May 14, '23.

Frames up and garage on each parcel	¼
Brown coated	¼
Completed	¼
Usual 35 days	¼
TOTAL COST, $25,669.50	

Bond, $12,834.75. Sureties, Theresa Gamma and John A. F. Steimke. Limit, Oct. 1, 1923. Forfeit, $15. Plans and specifications filed.

RESIDENCES

(1981) LOTS 29, 32, 33 AND 34 BLK 26 St. Francis Wood descd Lot 29 Blk 26 descd SE San Pablo Ave 30 SW from dividing line Lots 11 and 12 Blk 26 St Francis Wood Extn No. 2 S 54° 57' 52" E 110.64 to SE bdy Blk 26 NE 32 09 N 48° 16' 03" W 110.36 to San Pablo Ave SW 45 ptn Lots 11 and 12 Blk 26, St. Francis Wood Extn No. 2.

LOT 32 BLK 26 descd SE bdy line San Pablo Ave and dividing line Lots 9 and 8 St. Francis Wood Extn No. 2 S 32° 26' 20" E 107.18 to SE bdy line Blk 26 SW 35.44 N 34° 52' 25" W 108.21 NE 40 ptn Lot 9 Blk 26, St Francis Wood Extn No. 2.

LOT 32 BLK 26 descd as SE San Pablo Ave and dividing line Lots 8 and 9 Blk 26, St. Francis Wood Extn No. 2 S 32° 26' 20" E alg dividing line Lots 8 and 9 107.18 to SE bdy line Blk 26 NE 40.17 N 32° 26' 20" W 110.47 SW 40 ptn Lot 8 Blk 26, St. Francis Wood Extn No. 2.

LOT 34 BLK 26 descd SE bdy line San Pablo Ave 5 SW from dividing line Lots 7 and 8 Blk 26, St. Francis Wood Extn No. 2 S 32° 26' 20" E 110.47 to SE bdy Blk 26 NE 40 32 N 32° 26' 20" W 115.47 SW 40 ptn Lots 7 and 8 Blk 26 St. Francis Wood Extn No. 2. All work for four residences.

Owner—Garden Homes Co., 278 Post St. San Francisco.
Architect—Chas. F. Masten and Lester W. Hurd, 168 Sutter St., San Francisco.
Contractor—Mangels Bros., 4792 Mission St., San Francisco
Filed May 15, '23 Dated May 14, '23. Frames up and garage on each parcel ¼
Brown coated ¼
Completed ¼
Usual 35 days ¼
TOTAL COST, $25,919.50
Bond, $12,959.75. Sureties, Theresa Gamma and John A. F. Steimke. Limit, Oct. 1, 1923. Forfeit, $15. Plans and specifications filed.

STORE & OFFICE BLDG

(1982) W VALENCIA 92 S 16th W 88 x S 30 Metal furring, lathing and plastering for a 2-story reinforced concrete store & office building.
Owner—Fred Braun care architect.
Architect—John F. Beuttler, 110 Sutter St., San Francisco.
Contractor—Mac Gruer & Simpson, 266 Tehama St., San Francisco.
Filed May 16 1923 Dated May 15, 1923.

Lathing & brown coat on	$1217
Completed and accepted	609
Usual 35 days	609
TOTAL COST, $2435	

Bond, Sureties, Forfeit, none; Limit, as soon as possible; Plans and specifications filed.

COTTAGES

(1983) E FORTY-SIXTH AVE, 150 N Cabrillo N 50 x E 120. All work for 2 cottages.
Owner—C. B. Robb, 757 7th Ave., S. F.
Architect—None.
Contractor—Meyer Bros., 5326 Geary St., San Francisco.
Filed May 16, 1923. Dated May 7, 1923.

Frames up	$2400
Brown coated	2400
Completed and accepted	2400
Usual 35 days	2400
TOTAL COST, $9600	

Bond, Sureties, Forfeit, none; Limit, 90 days; Plans and specifications, none.

BUILDING

(1984) SW ALVISA & ESTERA WAY being Lot 18 Blk 25 Amended Map Ingleside Terrace. All work for 1-story frame stucco building.
Owner—John F. & Emily McLain.
Architect—Leonard & Holt, 39 Montgomery St., San Francisco.
Contractor—Urban Realty Imp. Co., 39 Montgomery St., S. F.
Filed May 16, 1923. Dated May 15, 1923.

Frame up	$1750
Plastering completed	1750
Completed	1750
Usual 35 days after	1750
TOTAL COST, $7000	

Bond, none; Sureties, none; Forfeit, $5,00; Limit, 90 days; Specifications and Plans filed.

RESIDENCE

(1985) N CLIFFORD 107-1¼ E Upper Terrace. All work for residence.
Owner—E A. Hansen and wife, 952 Ashbury St., San Francisco.
Architect—George M. Cantrell.
Contractor—McCauley & Weber, 247 Francisco St., S. F.
Filed May 16, 1923. Dated May 12, 1923.

Rough frame up & brown coated	$1527.50
Plastering completed	1527.50
Completed and accepted	1527.50
Usual 35 days	1527.50
TOTAL COST, $6110	

Bond, $3100; Sureties, Maryland Casualty Co.; Forfeit, none; Limit, 75 days; Plans and specifications filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted

May 10, 1923—W EIGHTEENTH AV 275 N Cabrillo N 25xW 120. F A Gawthorne to whom it may concern .....May 10, 1923

May 10, 1923—N 40 FT. LOT 8 BLK 24, St. Francis Wood Extn No. 2. St. Francis Wood Co to Allen & Co .....May 7, 1923

May 10, 1923—S GEARY 32-6 E 12th Ave 25x100. I Epp to P Midbust.. .....May 10, 1923

May 10, 1923—E 29TH AVE, 125 S Geary S 25 x E 120. Wm. McDonald to whom it may concern..May 10, '23

May 10, 1923—SE ANZA & 27TH AVE S 100 x E 25. Wm. McDonald to whom it may concern..May 10, 1923

May 10, 1923—NW WASHINGTON & Gough W 68-9 x N 129-8¾. Two Thousand Washington Street Inc. to Gurnette & Chandler..Apr. 16, 1923

May 10, 1923—SW CHURCHILL PL. and Vallejo W 33 x S 63. Simone Rabotti to whom it may concern .....May 9, 1923

May 10, 1923—LOT 10 BLK 23 LAKE View. Richard Siess to whom it may concern .....May 10, 1923

May 11, 1923—SW TWENTY-THIRD and York W 100xS 104. Giuseppe & Carlo Ferro to Vincenzo Filippis .....May 11, 1923

May 11, 1923—SW BUSH & SANSOME S 137-6xW 206-3. Standard Oil Co to Randall Control & Hydrometric Corp .....May 3, 1923

May 11, 1923—E GOUGH 75 S Francisco No. 3112 Gough. John Eldrup and C Hermanson to whom it may concern.....May 11, 1923

May 11, 1923—E GOUGH 100 S Francisco No. 3136 Gough. John Eldrup and C Hermanson to whom it may concern.....May 11, 1923

May 11, 1923—W TWENTY-THIRD Ave 100 S Cabrillo S 25xW 120. H O Lindeman to W R Lindeman.. .....May 11, 1923

May 11, 1923—COM. 99.8 S 17th and 125 E Eureka E 114-2¾ SW 115-3¾ 15-7⅞. Amelia S Adams to Wm Horstmeyer.....April 10, 1923

May 11, 1923—E CASTRO 75-5, 100-7⅞, 125-10 and 151-6 L Alverado. Fred G Pfeifer to whom it may concern.....May 11, 1923

May 11, 1923—NE ALVERADO AND Castro. Fred G Pfeifer to whom it may concern.....May 11, 1923

May 11, 1923—NE LAFAYETTE AND Howard Eugenio Erigero to Thos Malony.....May 10, 1923

May 11, 1923—S KIRKHAM bet. 10th and 11th Aves. Raymond J. and Mary E Mohaupt to Fred S Johnson .....May 3, 1923

May 11, 1923—N UNION 126-0⅞ W Polk W 50x187-6. Minna Neller to whom it may concern.....

May 12, 1923—S KIRKHAM 32-6 W Eleventh Ave W 25x75. Fred Warden to whom it may concern.... .....May 12, 1923

May 12, 1923—N MISSION AND FREMONTH NE 137-6xNW 137-6. Josephine C McCormick, Isabelle and Beatrice Cebrian, Maria C de F de Caleya to M B McGowan.May 2, 1923

May 12, 1923—E VALENCIA 95 N Sixteenth E 100xN 50. Fred R Struven to Munster & Bornholdt.. .....May 10, 1923

May 12, 1923—N ROLPH 177 E Madrid. John and Sophia E Carlson to whom it may concern.May 8, 1923

May 14, 1923—E JULES AVE 275 S De Montford Ave S 25xE 112-6. Lot 18 Blk 23, Lakeview. Annie J and T J Sullivan to Thos P Sullivan .....May 1, 1923

May 14, 1923—W SEVENTEENTH Ave 200 N Taraval 25x120. J C Littlepage to whom it may concern .....May 14, 1923

May 14, 1923—N BALBOA 83 W 31st Ave. S A Colton to whom it may concern .....May 7, 1923

May 14, 1923—E TWENTY-NINTH Ave 100 S Balboa S 25x120. T E Mohler to whom it may concern.... .....May 14, 1923

May 14, 1923—S CERRITOS AVE 140 E Ocean Ave Lot 4 Blk 10 Ingleside Terrace. Edw A Johnson to Edw A Johnson.....May 14, 1923

May 14, 1923—LOT 19 BLK 5, Crocker Amazon Tract. Joseph Blahnik to whom it may concern..... .....May 12, 1923

May 14, 1923—NE HAIGHT AND Stanyan No. 598 Stanyan. Ed W Birchall to whom it may concern.. .....May 5, 1923

May 14, 1923—E NINETEENTH AVE 90 S Lawton S 105 ——. George E Hart to Louis Johnson. Apr 27, 1923

May 15, 1923—W TWENTY-THIRD Ave 200 and 175 S Cabrillo S 25x W 120. Patrick J Feerick to whom it may concern.....May 14, 1923

May 15, 1923—N BAUER 250 W Mission. A Del Carlo to E J Hargrave .....May 8, 1923

May 15, 1923—W TWENTY-THIRD Ave 125 and 150 S Cabrillo S 25x W 120 Bryan Feerick to whom it may concern.....May 14, 1923

May 15, 1923—NE O'FARRELL AND Polk E 275xN 120. Harrison Investment Co to Jos Greenback..... .....May 1, 1923

May 15, 1923—E ANDERSON 100 N Ogden Ave N 25xE 70 Lot 289 Gift Map 2. Gus Johnson to whom it may concern.....May 14, 1923

May 15, 1923—N CHESTNUT 175 E Laguna 25x137-6. Attilo De Maria to G Ferroni & Sons....May 15, 1923

May 15, 1923—W LINE OF OLD W. P. Fuller & Co's bldg. on SW Mission and Beale 68-9 W on S Mission and S 137-6 W P Fuller & Co to Ralph McLeran.....May 14, 1923

May 15, 1923—W TWENTIETH AVE 175 S Cabrillo 25x120. John and Theresin Frustuk to whom it may concern.....May 15, 1923

May 15, 1923—NW SANSOME AND Green 45-10 on Green by 91-8 on Sansome. Sebastian A Giustl to Yuklevich & Bagge.....May 7, 1923

May 16, 1923—S CLEMENT 105 W Fifteenth Ave 25x100. David and Minnie Hamburger to G Sangiacomo.....May 16, 1923

May 16, 1923—NW FIFTH & CLEMentina W 275xN 75. Lurie Co to Meyer Bros.....May 15, 1923

May 16, 1923—E FOERSTER 75 S Flood Ave S 25xE 100. Johan W and Ernest B Backman to whom it may concern.....May 14, 1923

May 16, 1922—S GEARY 40-6 E Blake E 37-6xS 125. Fred V Crannert to Thos Hamill.....May 15, 1923

May 16, 1923—LOT 22 BLK 3160 Lot 13 Blk 3173 and Lot 20-A Blk 3174, Westwood Park. Hans & Esther E Nelson to whom it may concern .....May 14, 1923

May 16, 1923—LOTS 39 AND 40 BLK 10, Lakeview. John J Mullins to whom it may concern.....May 15, 1923

May 16, 1922—S PINE bet. Montgomery and Kearny No. 441 Pine. Camillio Mailhebuau to Lawson & Drucker. May 10, 1923; Boxton & Zwieg.....May 15, 1923

May 16, 1923—N FULTON 57-6 E 22nd Ave — 25xN 100; N Fulton 82-6 E 22nd Ave E 25xN 100. John Little to whom it may concern.....May 15, 1923

May 16, 1923—PPTY EDED BY MISsion, Silver Ave & Lisbon. Hebrew Home for Aged Disabled to R Zelinsky, W P Fuller & Co and J E O'Mara.....May 10, 1923

May 16, 1923—LOTS 14, 15 AND 16 Blk 21 Crocker Amazon Tract. Victor Holmgren & Victor Bjorkman to whom it may concern.....May 14, 1923

LIENS FILED

SAN FRANCISCO COUNTY

Recorded — Amount

May 10, 1923—SE LINCOLN WAY & Thirty-fifth Ave S 25xE 102-6. W P Fuller & Co vs J C and Florence Gibson and Leonard H Tyrell..$157.50

May 12, 1923—N OAK 109-6 E Steiner E 40xN 137-6. Wm Beasley vs C S Grillo $750

May 12, 1923—E SEVENTH AVE 50 S Judah S 25 E 25 N 25 — 95. Raymond Paul vs John E and Katherine Hallgren and August Hallgren $290

May 14, 1923—E FIFTEENTH AVE 250.40 N Kirkham N 54xE 127-6. Uhl Bros vs Lewis & Worswick.... Co. $86.31

May 15, 1923—NE 21 FT. LOT 22 and SW 16 ft. Lot 21 Blk 3, Forest Hill Map Ptn Blks 3 and 4, Forest Hill No. 572 Dewey Blvd. Carl Stendell vs Fred H and Alice M Field and Anglo California Trust Co $360

May 16, 1923—S HILL 85 W Valencia. The Greater City Lumber Co vs Jas Landini $1012.65

May 16, 1923—E TWENTIETH AVE 325 N Geary N 25xE 120. Eagle Electric Co vs Hamilton & Costello and Josephine Melbourne $110

RELEASE OF LIENS

SAN FRANCISCO COUNTY

May 11, 1923—SW TWENTY-SECOND Ave and Irving W 75xS 65. Spring Valley Lumber Yard to L D Allen & Co. Windsor Terrace Bldg Co and L D Allen.....

May 12, 1923—N HALE 175 W Barnevald Blk 8 Peoples Hd Tct "A". The Greater City Lumber Co to Wm L and Annie J Mack.....

May 12, 1923—E FORTY-EIGHTH AV 250 S Taraval S 75xE 120. George Rehn to Hamilton & Costello and Mrs Harvey Dale or Florence and Harry L. Dale.....$451.90

May 15, 1923—E PROSPER 91-6 N 17th N 25xE 80. J W Gillogley to Robert B and Gertrude Phillips..

ARCHITECT'S CERTIFICATE

May 10, 1923—Archie T. Newsom has filed his certificate of architecture for San Francisco County.

RELEASE OF BUILDING CONTRACT

SAN FRANCISCO COUNTY

May 16, 1923—E THIRTY-FOURTH AV 100 S Taraval S 50xE 120. Samuel L and Hannah Friedman with Ernest Swanson.

BUILDING CONTRACTS

ALAMEDA COUNTY

$1,0000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
2216	Kellog	Long	13000
2217	Phi Kappa	Barr	23868
2218	Klatt	Long	9000
2219	Heath	Owner	3000
2220	Squires	Owner	3150
2221	Hand	Long	6000
2222	Meissner	Owner	3500
2223	Burks	Owner	6000
2224	Chandler	Beach	4900
2225	Bardelline	Owner	2500
2226	Clorax	Owner	5000
2227	Lukes	Anderson	2500
2228	Freuler	Conner	5140
2229	Oakland	Doyle	9114
2230	Hodkins	Rich	8400
2231	Pallen	Owner	3600
2232	Herald	Brennan	13000
2233	Snook	Owner	2000
2234	Ortland	Cushing	5500
2235	Joralemon	Pearson	21000
2236	Butler	Owner	3500
2237	Schneider	Owner	8000
2238	Baker	Francis	12000
2239	Hogshead	Morris	12350
2240	Lane	Marshall	13500
2241	Davis	Owner	2000
2242	Guerin	Reed	4000
2243	Austey	Oakland	9950
2244	Warnecke	Monroe	6000
2245	Attebery	Owner	3000
2246	Fergison	Palmer	3500
2247	Bierce	Hopper	6300
2248	Case	Hart	3500
2249	Saroni	Pond	35200
2250	Mutual	Bartlett	21387
2251	McCanon	Murich	14050
2252	Casselman	Mongensen	15128
2253	Phillips	Owens	13000
2254	Grubb	Owner	4000
2255	Grubb	Owner	3700
2256	Galvin	Lambrecht	1560
2257	Drais	Owner	2000
2258	Owen	Dickie	8000
2259	Colombel	Fernstrom	3500
2260	Healy	Owner	3000
2261	Wasson	Bolger	2500
2262	Oakland	Mangrum	2271
2263	Same	Vermont	10185
2264	Hooper	Williamson	2600
2265	Bierce	Hopper	6300
2266	Roberts	Roberts	3000
2267	Prendeville	Burke	3000
2268	Gensen	Monson	35000
2269	Hooper	Williamson	2600
2270	Stead	Wishart	3500
2271	Berkeley	Owner	3500
2272	Freuler	Conner	5140
2273	McPhee	Owner	4500
2274	Kahn	MacDonald	1500
2275	Garford	Owner	1800
2276	Richards	Owner	1500
2277	Rogers	Rogers	3750
2278	Young	Owner	3750
2279	Retzer	Stanley	4500
2280	Reis	Kulchar	3000
2281	Foster	Dinwiddie	30000
2282	Mauco	Gaubert	5000
2283	England	Johnson	3500
2284	Perry	Owner	3000
2285	Burnett	Owner	4500
2286	R. C. Archbishop	Mealey	15833
2287	Same	Wethington	1975
2288	Same	Makin	6380
2289	Same	Nelson	5714
2290	Same	Power	1800
2291	Same	Gottstein	3400
2292	Same	O'Mara	3690
2293	Seches	Hale	2500
2294	Wilson	Stout	5100
2295	Clapp	Owner	3400
2296	Howatt	McPherson	1500
2297	Wolfold	Henderson	4500
2298	Schulz	Owner	5500
2299	Winchell	Perry	6000
2300	Souza	Linsley	3000
2301	Griffith	Owner	3000
2302	Riley	Knight	18000
2303	Graves	Graves	2700
2304	Doud	Hamilton	4000
2305	Doensky	Jesperson	4500
2306	Maloney	Owner	1500
2307	Willis	Harris	1000
2308	Garcia	Owner	2250
2309	Gallegher	Butler	2900
2310	Watkins	Watkins	6000
2311	Orton	Owner	4000
2312	Sanderson	Conture	2000
2313	Whalen	Gatewood	2000
2314	Close	Orton	3000
2315	Mahone	Mauseau	1200
2316	Houck	Owner	5000
2317	Kendall	Heitman	1800
2318	Paladini	Morgan	3525
2319	Brech	Sharp	2000
2320	Alf	Flittner	5260
2321	Bigelow	Owner	1000
2322	Rogers	Owner	4000
2323	Norgrove	Norgrove	4900
2324	Baldwin	Allen	7500
2325	Hufschmidt	Owner	23700
2326	Noel	Damgaard	4000
2327	Steele	Livingston	3650
2328	Smith	Sommarstrom	1200
2329	Fairbanks	Owens	3000
2330	Blair	Owner	2600
2331	Smith	Owner	5500
2332	Baker	Owner	3000
2333	Dutle	Legault	6200
2334	Panosian	Peters	5403
2335	Feith	Perry	3000
2336	Sanche	McCord	2750
2337	Dunn	Morrison	2900
2338	Harding	Clarke	6000
2339	Nelson	Owner	7500
2340	Swank	Davis	1500
2341	Brandt	Brandt	4000
2342	Schneck	Owner	2750
2343	Smith	Owner	2500
2344	Lukes	Owner	2000
2345	Surface	Kraft	3500
2346	Fish	Owner	5000
2347	Bushman	Owner	2600
2348	Pederson	Olsen	15000
2349	Thompson	Duval	14000
2350	Mutual	Bartlett	21387
2351	Wilson	Cederborg	8847

DWELLING
(2216) 2084 SAN ANTONIO, Berkeley. 2-story 12-room dwelling.
Owner—Kellogg Van Winkle.
Architect—None.
Contractor—Roy O. Long Co. 2114 Shattuck Ave., Berkeley. $13,000

FRATERNITY HOUSE
(2217) 2335 PIEDMONT, Berkeley. 3-story 25-room fraternity house.
Owner—Phi Kappa Tau Berkeley Inc. Berkeley.
Architect — W. R. Yelland, 13th and Franklin Sts., Oakland.
Contractor—Barr & Son, 306 26th St., Oakland. $23,868

DWELLING
(2218) 1430 JOSEPHINE, Berkeley. 2-story 10-room dwelling.
Owner—Oscar H. Klatt.
Architect—None.
Contractor—Roy O. Long Co. 2114 Shattuck Ave., Berkeley. $9000

DWELLING
(2219) 1266 MONTEREY, Berkeley. 1-story 5-room dwelling.
Owner—G. R. Heath, 2113 University Ave., Berkeley.
Architect—None. $3000

DWELLING
(2220) 2262 Summer, Berkeley. 1-story 5-room dwelling.
Owner—E. J. Squires, 2406 Cedar St., Berkeley.
Architect—None. $3150

DWELLING
(2221) 1701 THOUSAND OAKS BLVD., Berkeley. 1-story 7-room dwelling.
Owner—Roy Hand.
Architect—None.
Contractor—Roy O. Long Co. 2114 Shattuck Ave., Berkeley. $6000

DWELLING
(2222) 3020 COLBY, Berkeley. 1-story 6-room dwelling.

Diamonds—
Every One Blue-White
This firm handles only brilliant, flashing blue-white stones—the finest obtainable.
Liberal terms extended to persons permanently established and with a good reputation for paying their bills.
The Albert S. Samuels Co. JEWELERS
33 Kearny 895 Market

Owner—Earl R. Meissner, 3329 Carlton St., Berkeley.
Architect—None. $3500

DWELLING
(2223) 2727 & 2729 SAN PABLO, Berkeley. 2 1-story 5-room dwellings.
Owner—C. E. Burks, 4129 Randolph Ave., Oakland.
Architect—None. $3000 ea

DWELLING
(2224) 1226 CARLTON, Berkeley. 1-story 5-room dwelling.
Owner—A. F. Chandler, premises.
Architect—None.
Contractor—John C. Beach, 3770 Latimer Place, Oakland. $4900

DWELLING
(2225) NE COR MERILL STREET & Green Ave. Rd., Oakland. 1-story 4-room dwelling.
Owner—Edmund Bardelline, 3834 Wisconsin St., Oakland.
Architect—None. $2500

SALT BIN
(2226) 850 FORTY-SECOND AVENUE, Oakland. 1-story conc. salt bin.
Owner—Oleox Chem. Corp., premises.
Architect—None. $5000

DWELLING
(2227) 3234 MONTANA ST., Oakland. 1-story 4-room dwelling.
Owner — N. Lukas, 3402 Laurel Ave., Oakland.
Architect—None.
Contractor—A. Anderson, 3027 Florida St., Oakland. $2500

ADDITION
(2228) N BANCROFT WAY 45 E Telegraph Ave., Berkeley. Addition.
Owner—John Freyler, 2946 Russell St., Berkeley.
Architect — James W. Plachek, 1410 Shattuck Ave., Berkeley.
Contractor — Conner & Conner, 1733 Francisco St., Berkeley.
Filed May 9, 1923. Dated May 7, 1923. 1st & 15th day each month.....75%
Usual 35 days 25%
TOTAL COST, $5140
Bond, Sureties, Forfeit, none; Limit, as soon as possible; Plans filed; Specifications, none.

OFFICE BLDG.
(2229) E BROADWAY 55 N Twelfth N 45xE 100, Oakland. Sheet metal work for 17-story Class A bank and office building.
Owner—The Oakland Bank.
Architect—Reed & Corlett, Oakland Bank of Savings Bldg., Oakland.
Contractor—Doyle Sheet Metal Works, 292 Fremont St., San Francisco.
Filed May 9, '23. Dated May 7, '23.
On 10th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $9114
Bond, $4557. Surety, Fidelity & Deposit Co. Limit, Nov. 1. Forfeit, none. Plans and specifications filed.

DWELLING
(2230) E EUCLID AVE 477 90 N Van Buren Ave **N 45 S 45 W 120**, Oakland. All work foro two-story frame dwelling.
Owner—Fred L. Hodkins, 1220 Adeline St., Oakland.
Architect—Julia Morgan, Merchants' Exchange Bldg., S. F.
Contractor—James L. Rich, 743 Hilgert Circle, Oakland.
Filed May 10, '23. Dated May 7, '23.
On 5th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $8400
Bond, $4200. Sureties, Dr. David Hadden and C. B. Double. Limit, 90 days from May 10. Forfeit, none. Plans and specifications filed.

DWELLING
(2231) NO. 1538 BEVERLEY, Berkeley One-story 5-room dwelling.
Owner—A. H. Pallen, 686 61st St., Okd.
Architect—None. $3600

APARTMENTS
(2232) NO. 2201-03 DERBY ST., Berkeley. Two-story 15-room apts.
Owner—Mrs. Herald.
Architect—None.
Contractor—J. P. Brennan, 1519 Hearst Ave., Berkeley. $13,000

ALTERATIONS
(2233) NO. 2747 WOOLSEY ST., Berkeley. Alterations.
Owner—John Snook, Premises.
Architect—None. $2000

STORE
(2234) NO. 1731 SOLANO ST., Berkeley One-story store.
Owner—Anna Ortland.
Architect—None.
Contractor—E. D. Cushing, 841 Madison St., Albany. $5500

DWELLING
(2235) NO. 105 SOUTHAMPTON ST., Berkeley. Two-story 7-room dwlg.
Owner—Ira B. Joralemon, 7 Panoramic Way, Berkeley.
Architect—Maybeck & White, 1148 Euclid Ave., Berkeley.
Contractor—Ben Pearson, 2403 Grant St., Berkeley. $21,000

ADDITION
(2236) NO. 2814 WOOLSEY ST., Berkeley. Addition.
Owner—H. G. Butler, Premises.
Architect—None. $3500

STORE
(2237) NO. 2313-15-17 SHATTUCK Ave., Berkeley. One-story 3-room concrete store.
Owner—G. L. Schneider and L. R. Wilson, 2216 Blake St., Berkeley.
Architect—Hutchinson & Mills, Oakland. $8000

FLATS
(2238) N APGAR ST. 275 W Telegraph, Oakland. 2-story 6-room flats.
Owner—Max Baker, 1522 Franklin St., Oakland.
Architect—None.
Contractor—E. O. Francis, 3940 E-14th St., Oakland. $12,000

APARTMENTS
(2239) E HADDON RD. 200 S Brooklyn, Oakland. 2-story 12-room apts.
Owner—J. W. Hogshead, 1104 Fell St., San Francisco.
Architect—None.
Contractor—Solomon Morris, 649 Mariposa Ave., Oakland. $12,350

STORES
(2240) E SEMINARY AVE. & FOOTHILL Blvd., Oakland. 1-story brick and tile stores.
Owner—E. F. Lane, 5648 Oak Grove Ave., Oakland.
Architect—None.
Contractor—Marshall & Burks, Bacon Bldg., Oakland. $13,500

DWELLING
(2241) 7506 FOOTHILL BLVD., Oakland. 1-story 4-room dwelling.
Owner—S. A. Davis, 2831 Mars St., Oakland.
Architect—None. $2000

DWELLING
(2242) 808 THIRTY-FIRST ST., Oakland. 1-story 5-room dwelling.
Owner—E. Guerin, 872 29th St., Oakland
Architect—None.
Contractor—C. W. Reed, 2534 Pleasant St., Oakland. $4000

FACTORY
(2243) N E-TWELFTH ST. 125 E 16th Ave., Oakland. 1-story brick factory.
Owner—T. J. Anstey, 2766 Grove St., Oakland.
Architect—A. W. Smith, 1010 Broadway Oakland.
Contractor — Oakland Refrigerator & Butchers Supply Co., 2755 Grove St., Oakland. $9950

DWELLING
(2244) 1224 HOLMAN RD., Oakland. 2-story 7-room dwelling.
Owner—Carl I. Warnecke, 414 13th St., Oakland.
Architect—None.
Contractor—J. W. Monroe, 5538 Claremont Ave., Oakland. $6000

DWELLING
(2245) 2036 FORTY-SECOND AVE., Oakland. 1-story 4-room dwelling.
Owner—A. R. Attebery, 2039 42nd Ave., Oakland.
Architect—None. $3000

DWELLING
(2246) 4621 DOLORES AVE., Oakland. 1-story 5-room dwelling.
Owner—F. Fergison.
Architect—None.
Contractor—H. C. Palmer, 3332 Octavia St., Oakland. $3500

DWELLING
(2247) N BROADWAY TERRACE 500 E Cross Rds., Oakland. 1-story 5-room dwelling.
Owner—C. A. Bierce, Lawton Ave., Oakland.
Architect—None.
Contractor—M. E. Hopper & Son, 1117 Webster St., Oakland. $6300

DWELLING
(2248) 4341 EVERETT, Oakland. 1-story 6-room dwelling.
Owner—Mrs. C. Case, 1332 Filbert St., Oakland.
Architect—None.
Contractor—J. G. Hart, 2419 E-20th St., Oakland. $3500

DWELLINGS
(2249) 2412, 2418, 2454, 2460 SIXTY-sixth Avenue;
2488, 2526, 2532, 2550 SIXTY-seventh Ave., Oakland;
6701 ARTHUR ST.;
2546 & 2563 HAVENSCOURT BLVD Oakland. 11 1-story 5-room dwlgs.
Owner—Louis Saroni, 733 Battery St., San Francisco.
Architect—None.
Contractor—C. P. Pond, 6664 E-14th St. Oakland. $3200 each

(2250) S E-ELEVENTH ST. 104 E 4th Ave., Oakland. Brick bakery.
Owner—Mutual Creamery Co., 3724 E-14th St., Oakland.
Architect—A. W. Smith, 1010 Broadway Oakland.
Contractor—John M. Bartlett, 351 12th St., Oakland.
Filed May 11, 1923. Dated May 11, 1923.
1st day each month 75%
Usual 35 days 25%
TOTAL COST, $21,387
Bond, $10,695; Sureties, Globe Indemnity Co.; Forfeit, $10 day; Limit, 90 days; Plans and Specifications filed.

GARAGE
(2251) NE COR. DERBY ST. & SHATtuck Ave., Berkeley. All work for 1-story garage.
Owner—C. McCarron, 5816 Chabot Rd., Berkeley.
Architect—W. H. Ratcliff Jr., 1st Natl. Bank Bldg., Berkeley.
Contractor — Walter Murch, Federal Bldg., Oakland.
Filed May 11, 1923. Dated May 7, 1923.
1st day each month 75%
Usual 35 days 25%
TOTAL COST, $14,050
Bond, $14,050; Sureties, Maryland Casualty Co.; Forfeit, $5 day; Limit, 80 days; Plans and specifications filed.

FLATS
(2252) NW BROADWAY AND ADA Sts., Oakland. Two-story 17-room flats and garage.
Owner—Ida J. Casselman, 5829 Virmar Ave., Oakland.
Architect—None.
Contractor — Mongensen Bros., 5644 Broadway, Oakland. $14,628
garage, $500.

AUTO SHOW ROOM
(2253) SW TWELFTH AND FALLON Sts, Oakland. One-story concrete and brick auto show room.
Owner—Phillips & Leisz, 13th and Webster Sts., Oakland.
Architect—None.
Contractor—W. K. Owens Co., 852 36th St., Oakland. $13,000

DWELLING
(2254) NO. 832 PALOMA ST., Oakland. One-story 6-room dwelling.
Owner—Jas. B. Grubb, 530 Hobart St., Oakland.
Architect—None. $4000

DWELLING
(2255) NO. 840 PALOMA AVE., Oakland. One-story 6-room dwelling.
Owner—Jas. B. Grubb, 530 Hobart St., Oakland.
Architect—None. $3700

ADDITION
(2256) NO. 1152 ELMHURST AVE., Oakland. Addition.
Owner—Mary Galvin.

Architect—None.
Contractor—Vigo Lambrecht, 1938 88th Ave., Oakland. $1500

ALTERATIONS
(2257) NO. 448 E-SEVENTEENTH ST. Oakland. Alterations and repairs.
Owner—A. S. Drais, Premises.
Architect—None. $2000

DWELLINGS
(2258) S FLEMING 664 and 704 W Seminary Ave., Oakland. Two one-story 5-room dwellings.
Owner—F. Owen, 2616 35th Ave., Oakland.
Architect—None.
Contractor—W. B. Dickie, 917 62nd St., Oakland. $4000 each

DWELLING
(2259) E HAVENSCOURT BLVD 507 N E-14th St., Oakland. One-story 5 room dwelling.
Owner—Harry H. Colombel, 443 37th St., Oakland.
Architect—None.
Contractor—Chas. V. Fernstrom, 1318 12th St., Oakland. $3500

DWELLING
(2260) S E-TWENTY-SECOND 90 W Ninth Ave., Oakland. One-story 5-room dwelling.
Owner—P. J. Healy, 39 Nace Ave., Piedmont.
Architect—None. $3000

DWELLING
(2261) NO. 1511 102ND AVE., Oakland. One-story 4-room dwelling.
Owner—F. Wasson, Premises.
Architect—None.
Contractor—Thos. P. Bolger, 1260 103rd Ave., Oakland. $2500

BANK BLDG.
(2262) E BROADWAY 55 N Twelfth N 45XE 100, Oakland. Floor and wall tile for 17-story Class A bank and office building.
Owner—The Oakland Bank.
Architect—Reed & Corlett, Oakland Bk. Bldg., Oakland.
Contractor—Mangrum & Otter, Mission St., San Francisco.
Filed May 12, '23. Dated May 11, '23.
On 10th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $2271
Bond, $1136. Surety, Fidelity & Deposit Co. Limit, July 15. Forfeit, none. Plans and specifications filed.

(2263) MARBLE AND TERRAZZO work on above.
Contractor—Vermont Marble Co., 244 Brannan St., San Francisco.
Filed May 12, '23. Dated May 11, '23.
Payments same as above.....
TOTAL COST, $10,185
Bond, $5093. Surety, Fidelity & Deposit Co. Limit, July 15. Forfeit, none. Plans and specifications filed.

DWELLING
(2264) E ARLINGTON AVE near San Antonio Ave being Lot 7 Spring Court, Berkeley. All work for one-story dwelling.
Owner—Merlin C. Hooper.
Architect—None.
Contractor—E. M. Williamson & Sons, 3731 Allendale Ave., Oakland.
Filed May 12, '23. Dated May 9, '23.
Frame up ..... ¼
Roof on ..... ¼
Completed ..... ¼
Usual 35 days..... ¼
TOTAL COST, $2600
Bond, limit, forfeitfi none. Plans and specificatinns filed.

BUILDING
(2265) LOT 30 BLK 8, Rockridge Park, Oakland. All work for building.
Owner—Carlton A. Bierce, Lawton Av., Oakland.
Architect—None.
Contractor—M. E. Hopper & Son, 1117 Webster St., Oakland.
Filed May 11, '23. Dated May 7, '23.
1st floor joists laid.....$1000
Frame up 1430
Brown coated 1430
Completed and accepted..... 1440
Usual 35 days..... 1000
TOTAL COST, $6300
Bond, none Limit, 90 days. Forfeit, plans and specifications, none.

DWELLING
(2266) NO. 1047 MONTEREY, Berkeley. One-story 5-room dwlg.
Owner—Mrs C. B. Roberts, 1823 Curtis St., Berkeley.
Architect—None.
Contractor—C. B. Roberts, 1823 Curtis St., Berkeley. $3000

DWELLING
(2267) NO. 1133 CARLTON ST., Berkeley. One-story 5-room dwlg.
Owner—Michael Prendeville, 1718 13th St., Oakland.
Architect—None.
Contractor—T. S. Burke, 3101 Eastman Ave., Oakland. $3000

FRATERNITY HOUSE
(2268) NO. 2728 DURANT ST., Berkeley Three-story 30-room fraternity house.
Owner—Sigma Phi Epsilon of Berkeley Inc.
Architect—Jensen & Evans, 2121 Cabrilo St., San Francisco.
Contractor—Monson Bros., 251 Kearny St., San Francisco. $35,000

DWELLING
(2269) NO. 537 ARLINGTON ST., Berkeley. One-story 5-room dwlg.
Owner—Merlin C. Hooper, S. F.
Architect—None.
Contractor—E. M. Williamson & Sons, 3731 Allendale Ave., Oakland. $2600

DWELLING
(2270) NO. 1818 SHORT ST., Berkeley. One-story 5-room dwelling.
Owner—Mrs. M. Stead, 1933 Russell St., Berkeley.
Architect—None.
Contractor—John Wishart, 1074 62nd St., Oakland. $3500

DWELLING
(2271) NO. 1701 SAN LORENZO ST., Berkeley. One-story 6-room dwlg.
Owner—Berkeley Bldg. Co., Solano & Colusa Sts., Berkeley.
Architect—None. $3500

ADDITION
(2272) NO. 2505-7-9 BANCROFT, Berkelel. Reinforced concrete addition to stores.
Owner—John Freuler.
Architect—None
Contractor — Conner & Conner, 1726 Grove St., Berkeley. $5140

DWELLING.
(2273) 2325 10TH AVE., Oakland. One-story, 6-room dwelling.
Owner—A. J. McPhee, 2144 E. 27th St., Oakland.
Architect—None. $4500

ALTERATIONS.
(2274) S 16TH ST., 100 W BROADway, Oakland. Alterations.
Owner—Kahn Brothers.
Architect—None.
Contractor—MacDonald & Kahn, Tapscott Bldg., Oakland. $1500

ALTERATIONS.
(2275) 1069 62ND ST., Oakland. Alterations.
Owner—H. Garford, Premises.
Architect—None. $1800

DWELLING.
(2276) 559 59TH ST., Oakland. One-story, 4-room dwelling.
Owner—F. A. Richards, Premises.
Architect—None. $1500

DWELLING.
(2277) W 64TH AVE., 150 N Avenal, Oakland. One-story, 4-room dwelling.
Owner—Miss Ester Rogers, 1511 Fairview St., Berkeley.
Architect—None.
Contractor—Chas. Rogers, 2115 64th Ave., Oakland. $3750

DWELLING.
(2278) NW. COR. JOHN AND MONTgomery Sts., Oakland. One-story 6-room dwelling.
Owner—Jas. A. Young, 3173 Emerald St., Oakland.
Architect—None. $3750

STORES.
(2279) 3210-12-14 GROVE ST., Oakland. One-story stores.
Owner—Wm. Retzer, 224 Haas Ave., San Leandro.
Architect—None.
Contractor—F. E. Stanley, 1748 23rd Ave., Oakland. $4500

ALTERATIONS.
(2280) 1209 WASHINGTON ST. Oakland. Alterations.
Owner—Reis Shoe Co.
Architect—None.
Contractor—S. Kulchar & Co., 8th Ave and E 10th St., Oakland. $2000

OFFICE AND SHOP.
(2281) SW COR. 22ND AND MARKET Sts., Oakland. One-story conc. office and shop.
Owner—Foster & Kleiser, 534 20th St., Oakland.
Architect—Weeks & Day, Calif. Inv. Bldg., San Francisco.
Contractor—Dinwiddie Const. Co., Crocker Bldg., San Francisco. $30,000

DWELLING.
(2282) 853 ISABELLA ST., Oakland. One-story 6-room dwelling.
Owner—P. Mauco, 869 Isabella St., Oakland.
Architect—None.
Contractor—N. Gaubert, 1910 40th Ave., Oakland. $5000

DWELLING.
(2283) 1412 HAMPEL ST., Oakland One-story 5-room dwelling.
Owner—P. England, 3142 Davis St., Oakland.
Architect—None.
Contractor—G. Johnson, 1357 Northside Ave., Oakland. $3500

DWELLING.
(2284) N E-28TH ST., 80 W 21ST Ave., Oakland One-story 4-room dwelling.
Owner—J. Floyd Perry, 376 Santa Clara Ave., Oakland.
Architect—None. $3000

DWELLING.
(2285) E PROSPECT DRIVE off Rockbridge Blvd., South, Oakland. One-story 6-room dwelling.
Owner—F. L. Burnett, 745 Aileen St., Oakland
Architect—None. $4500

SCHOOL
(2286) TWENTY-FIRST AND GROVE Sts., Oakland. All work for brick and cast stone cement for school.
Owner—Roman Catholic Archbishop of San Francisco.
Architect — James W. Plachek, 2014 Shattuck Ave., Berkeley.
Contractor—Mealey & Collins, 180 Jessie St., San Francisco.
Filed May 14, 1923. Dated April 19, 1923.
Payments not given.
TOTAL COST, $15,833
Bonds, Sureties, Forfeit, Limit, Plans Specifications, none.

(2287) STEEL & IRON ON ABOVE.
Contractor—Wellington Iron Works.
Filed May 14, 1923. Dated April 20, 1923.
Payments not given.
TOTAL COST, $1975
Bonds, Sureties, Forfeit, Limit, Plans Specifications, none.

(2288) LATHING & PLASTERING ON above.
Contractor—Wm. Makin, 1048 Excelsior St., Oakland.
Filed May 14, 1923. Dated April 12, 1923
As work progresses ..... ¾
Completed and accepted ..... ¼
TOTAL COST, $6380
Bonds, Sureties, Forfeit, Limit, Plans Specifications, none.

(2289) CONCRETE WORK ON ABOVE.
Contractor—J. J. Power.
Sub-contractor—F. E. Nelson 3090 King St., Berkeley.
Filed May 14, 1923. Dated April—.
Payments not given.
TOTAL COST, $3300
Bonds, Sureties, Forfeit, Limit, Plans Specifications, none.

(2290) SUPERVISE & OBTAIN BIDS on above.
Contractor—J. J. Power, 774 20th St., Oakland.
Filed May 14, 1923. Dated April 10, 1923
As work progresses $1000
Completed and accepted 800
TOTAL COST, $1800
Bonds, Sureties, Forfeit, Limit, Plans Specifications, none.

(2291) PLUMBING ON ABOVE.
Contractor—Frank A. Gottstein, 583 5th St., Oakland.
Filed May 14, 1923. Dated May 3, 1923.
Rough plumbing passed 50%
Final plumbing passed 50%
TOTAL COST, $3400
Bonds, Sureties, Forfeit, Limit, Plans Specifications, none.

(2292) STEAM HEATING AND OIL plant on above.
Contractor—J. E. O'Mara Co., 445 Minna St., San Francisco.
Filed May 14, 1923. Dated May 3, 1923. Payments not given.
TOTAL COST, $3690
Bond, Sureties, Forfeit, Limit, Plans & Specifications, none.

DWELLING
(2993) W 40 LOT 9 BLK 1 MAP State University Homestead Assn No. J, Berkeley. All work for 1-story duplex dwelling (except plumbing, painting & electric wk.)
Owner—Winnie E. & M. D. Seckes, 2216 Parker St., Berkeley.
Architect—None.
Contractor—J. R. Hale, 1882 Harmon St., Berkeley.
Filed May 14, 1923. Dated May 10, 1923.
Roof on .....¼
Plastered .....¼
Completed and accepted .....¼
Usual 35 days .....¼
TOTAL COST, $2500
Bond, Sureties, Forfeit, none; Limit, 60 days; Plans and specifications filed.

DWELLING
(2294) NO. 107 RICARDO AVE., Piedmont. One-story 5-room dwelling and garage.
Owner—Miss Helen J. Wilson.
Architect—None.
Contractor—C. T. Stout, 443 Moss Ave., Oakland. $5100

DWELLING
(2295) NO. 220 SUNNYSIDE AVE., Piedmont. One-story 4-room dwlg.
Owner—G. P. Clapp, 222 Sunnyside Ave., Piedmont.
Architect—None. $3400

GARAGE.
(2296) NO. 2119 HEARST AVE., Berkeley. One-story hollow tile garage.
Owner—Howatt.
Architect—None.
Contractor—S. McPherson, 2151 Ashby Ave., Berkeley. $1500

DWELLING
(2297) NO. 645 ARLINGTON, Berkeley One-story 5-room dwelling.
Owner—H. M. Crane.
Architect—None.
Contractor—E. F. Henderson. 5144 Keith Ave., Oakland. $4500

DWELLING
(2298) NO. 915 MENDOCINO, Berkeley. Two-story 7-room dwlg.
Owner H. K. and Elizabeth M. Schulz, 912 Arlington St., Berkeley.
Architect—None. $5500

DWELLINGS
(2299) NW E-TWENTY-EIGHTH ST. and 21st Ave.
N E-TWENTY-EIGHTH ST. 40 W 21st Ave., Oakland. Two 1-story 4-room dwellings.
Owner—P. K. Winchell.
Architect—None.
Contractor—J. Floyd Perry, 376 Santa Clara Ave., Alameda. $3000 each

DWELLING
(2300) 1616 NINETY-EIGHTH AVE., Oakland. 1-story 5-room dwelling.
Owner—A. F. Souza, San Leandro.
Architect—None
Contractor—L. A. Linsley, San Leandro $3000

DWELLING
(2301) W WALNUT AVE. 42 E Lilac St., Oakland. 1-story 5-room dwlg.
Owner—T Griffith, 4601 Walnut Ave., Oakland
Architect—None $3000

FLATS
(2302) E GILBERT ST. 60 N Ridgeway, Oakland. 2-story 17-rm. flats and garage.
Owner—M E Riley, 388 12th St., Oakland.
Architect—None
Contractor—Harry C. Knight, 388 12th St., Oakland. $18,000

DWELLING
(2303) 3812 MERA St., Oakland. 1-sto. 4-room dwelling.
Owner—Mrs. H. D. Graves, 4025 Mera St., Oakland.
Architect—None.
Contractor—H. D. Graves, 4025 Mera St. Oakland. $2700

STORE & LIVING ROOM
(2304) W GROVE ST. 60 N Arlington Oakland. 1-story 4-room brick store and living rooms.
Owner—Mrs. Doud, premises.
Architect—None.
Contractor—M. F. Hamilton, 825 Santa Fe Ave., Berkeley. $4000

DWELLING
(2305) 950 FORTY-SEVENTH ST., Oakland. 1-story 5-room dwelling.
Owner—F. H. Doensky, 1049 59th St., Oakland.
Architect—None.
Contractor—J. W. Jesperson, 878 54th St., Oakland. $4500

DWELLING
(2306) DIAMOND ACRES 600 N Fruitvale Ave. 300 S Tiffin Rd., Oakland. 1-story 4-room dwelling.
Owner—V. P. Maloney, premises.
Architect—None. $1500

ALTERATION
(2307) 529 TWENTY-EIGHTH ST., Oakland. Alteration.
Owner—A. D. Willis, premises.
Architect—None.
Contractor—G. V. Harris. $1000

DWELLING
(2308) W SIXTY-FIRST AVE. 2745 E-14th St., Oakland. 1-story 4-room dwelling.
Owner—Tony H. Garcia, 1228 Peralta St., Oakland.
Architect—None. $2250

DWELLING
(2309) N WISCONSIN ST. 200 W Laurel Ave., Oakland. 1-story 4-room dwelling.
Owner—Lora Gallegher, 3136 Wisconsin, Oakland.
Architect—None.
Contractor—H. L. Butler, 3036 Maple Ave., Oakland. $2900

DWELLING
(2310) 1742 & 1746 TWENTY-FIRST Ave., Oakland. Two 1-story 5-room dwellings.
Owner—P. Watkins, 2102 E-17th St., Oakland.
Architect—None.
Contractor—G. Watkins, 2151 E-24th St., Oakland. $3000 ea.

DWELLING.
(2311) 2715 55TH AVE., Oakland. One-story, 5-room dwelling.
Owner—A. E. Orton, 6800 Trenor St., Oakland.
Architect—None. $4000

DWELLING.
(2312) S 38TH ST., 150 W Ruby St., Oakland. One-story 3-room dwelling.
Owner—Walter Sanderson, 457 38th St., Oakland.
Architect—None.
Contractor—J. Conture, 4900 Allendale Ave., Oakland. $2000

DWELLING.
(2313) 3715 MAGEE AVE., Oakland. One-story, 4-room dwelling.
Owner—Mrs. Alice Whalen, premises.
Architect—None.
Contractor—J. S. Gatewood, 2428 19th Ave., Oakland. $2000

DWELLING.
(2314) SW. COR. HARRINGTON AVE. and Meadow St. One-story 5-room dwelling.
Owner—P. E. Close.
Architect—None.
Contractor—A. E. Orton, 6800 Trenor St., Oakland. $5000

ADDITION.
(2315) 883 54TH ST., Oakland. Addition.
Owner—A. W. Mahone, Premises.
Architect—None.
Contractor—J. J. Manseau, 1949 E. 27th St., Oakland. $1200

DWELLING.
(2316) 4626 SAN SEBASTIAN AVE., Oakland. One-story 6-room dwelling.
Owner—H. L. Houck, 4609 Dolores Ave., Oakland.
Architect—None. $5000

DWELLING.
(2317) 1272 60TH AVE., Oakland. One-story 4-room dwelling.
Owner—J. H. Kendall, Box 2177, Berkeley.
Architect—None.
Contractor—W. W. Heitman, 1718 81st Ave., Oakland. $1800

DWELLING.
(2318) 5320 E 12TH ST., Oakland. One-story, 6-room dwelling.
Owner—Olinti Paladini, premises.
Architect—None.
Contractor—W. A. Morgan, 3702 Allendale Ave., Oakland. $3525

ALTERATIONS.
(2319) 445 ORCHARD ST., Oakland. Alterations.
Owner—Miss Emma Brech, 3003 Summit, Oakland.
Architect—None.
Contractor—A. C. Sharp, 1327 E 28th St., Oakland. $2000

DWELLING
(2320) LOT 32 & NW 17-6 LOT 31 Blk C Map Resubdivision Blk B & C Champion Tract, Oakland. 1-story dwelling and garage.
Owner—Carl B. & Christine Alf, 3855 Linwood Ave., Oakland.
Architect—None.
Contractor—Jos. Flittner, 1700 35th Ave., Oakland.
Filed May 15, 1923. Dated May 14, 1923.
Frame up .....¼
Brown coated .....¼
Completed and accepted .....¼
Usual 35 days .....¼
TOTAL COST, $5260
Bond, none; Sureties, None; Bonus, $2 day; Forfeit, $5 day; Limit, 90 days; Plans and specifications filed.

GARAGE
(2321) NO. 2341 CHANNING, Berkeley. Garage.
Owner—D. E. Bigelow, 2333 Channing Way, Berkeley.
Architect—None. $1000

DWELLING
(2322) NO. 523 SAN LUIS ROAD, Berkeley. One-story 5-room dwlg.
Owner—Prudence C. and C. M. Rogers, 540 San Luis Road, Berkeley.
Architect—None. $4000

DWELLING
(2323) NO. 1612 POSEN, Berkeley. One-story 6-room dwelling.
Owner—Norgrove & Eckley, Berkeley.
Architect—None.
Contractor—C. M. Norgrove, 2220 Roosevelt Ave., Berkeley. $4900

WAREHOUSE, ETC.
(2324) NO. 1920 WEST, Berkeley. One-story galvanized iron warehouse and hollow tile boiler room.
Owner—E. K. Baldwin, Premises.
Architect—P. V. Tuttle, 357 12th St., Berkeley.
Contractor—Allen & Conrad, 357 12th St., Berkeley. $7500

DWELLINGS
(2325) 628 632 Porrier St., 623 627 631 635 62nd St., Oakland. 6 1-story 5-room dwellings.
Owner—Hufschmidt & Whalen, Federal Bldg., Oakland.
Architect—None. $3950 ea.

DWELLING
(2326) W CONGRESS AVE. 400 W Ygnacio, Oakland. 1-story 5-room dwelling.
Owner — D. W. Noel, 1138 Broadway, Alameda.
Architect—None.
Contractor — S. Damgaard, 1352 89th Ave., Oakland. $4000

DWELLING
(2327) 1266 ONE HUNDRED THIRD Ave., Oakland. 1-story 5-room dwlg.
Owner—J. A. Steele, Yountville, Cal.
Architect—None.
Contractor—W. Livingston, 2918 Ellis St., Berkeley. $3650

ALTER & REPAIRS
(2328 1228 WELLINGTON, Oakland. Alteration and repairs.
Owner—Miss Smith, premises.
Architect—None.
Contractor — Axel Sommarstrom, 109 Sunnyside Ave., Oakland. $1200

WAREHOUSE
(2329) N TWENTY-SECOND ST. 150 W Brush, Oakland. 1-story concrete warehouse.
Owner—I. J. Fairbanks, 463 45th St., Oakland.
Architect—None.
Contractor—W. W. Owens, 2761 Park St., Berkeley. $3000

DWELLING
(2330) E BOSTON AVE. 349 N Hopkins, Oakland. 1-story 4-room dwlg.
Owner—T. W. Blair, 1424 11th Ave., Oakland.
Architect—None. $2600

ALTER. & REPAIRS
(2331) 1101 COTTAGE ST., Oakland. Alterations and repairs.
Owner—Mary Smith Estate, 355 12th St., Oakland.
Architect—None. $5500

DWELLING
(2332) E ELBERT ST. 90 N Everett Ave., Oakland. 1-story 5-room dwlg
Owner—W. Baker, 4015 Canon St., Okd.
Architect—None. $3000

FLATS & STORES
(2333) SE COR. ROSEDALE AVE. & Foothill Blvd., Oakland. Two-story flats and stores.
Owner—G. Dutle, 4055 Foothill Blvd., Oakland.
Architect—None.
Contractor—O. Legault, 96 Montell St., Oakland. $6200

STORES
(2334) E PIEDMONT AVE. 95 S Linda Ave., Oakland. 1-story 3-rm stores.
Owner—J. S. Panosian, 4158 Piedmont Ove., Oakland.
Architect—None.
Contractor—Fred Peters, 184 Ridgeway Oakland. $5403

DWELLIN
(2335) E FIFTY-EIGHTH AVE. 128 N Eastlawn, Oakland. 1-story 4-room dwelling.
Owner—J. Feith.
Architect—None.
Contractor—J. F. Perry 376 Santa Clara Ave., Oakland. $3000

ALTER. & ADD.
(2336) 2640 MYRTLE ST., Oakland Alteration and addition.
Owner—M. Sanche.
Architect—None.
Contractor—J. A. McCord, 4517 Market St., Oakland. $2750

DWELLING
(2337) 1421 SEVENTY-EIGHTH AVE. Oakland. 1-story 4-room dwelling.
Owner—Mrs. Jas. Dunn, 1601 Central Ave., Alameda.
Architect—None.
Contractor—W. K. Morrison, 1548 Verdi St., Alameda. $2900

DWELLINGS.
(2338) 3445 & 3449 PAXTON AVE., Oakland. 2 1-story 5-room dwlgs.
Owner—G. H. S. Harding, 2742 Derby St., Berkeley.
Architect—None.
Contractor—W. B. Clarke, 3233 E-14th St., Oakland. $3000 each

FLATS
(2339) SE COR. THIRD AVE. AND E-15th St., Oakland. 2-story 10-room flats.
Owner—Oscar Nelson, 317 E-15th St., Oakland.
Architect—None. $7500

ADDITION
(2340) 4244 GILBERT ST., Oakland. Addition.
Owner—Wm. Swank, premises.
Architect—None.
Contractor—L. J. Davis, 37 Monte Vista Ave., Oakland. $1500

DWELLING
(2341) 3276 PRENTISS ST., Oakland 1-story 5-room dwelling.
Owner—Mrs. Rose A. Brandt, 571 62nd St., Oakland.
Architect—None.
Contractor—F. H. Brandt, 571 62nd St., Oakland. $4000

DWELLING
(2342) 3372 MAINE ST., Oakland. 1-story 5-room dwelling.
Owner—A. N. Schneck, 3404 Maine St., Oakland.
Architect—None. $2750

DWELLING
(2343) 1642 SIXTY-NINTH AVE., Oakland. 1-story 5-room dwelling.
Owner—M. C. Smith, 1431 Linden, Okd.
Architect—None. $2500

DWELLING
(2344) 3320 MAYBELLE AVE., Oakland. 1-story 4-room dwelling.
Owner—H. C. Lukes, 1617 8th St., Ala.
Architect—None. $2000

DWELLING
(2345) 5466 ROBERTS ST., Oakland. 1-story 5-room dwelling.
Owner—Sarah Surface, 1601 Posen Ave., Berkeley.
Architect—None.
Contractor—J. W. Kraft, 4151 Webster St., Oakland. $3500

DWELLING
(2346) 1328 E-THIRTY-EIGHTH ST., Oakland. 1-story 6-room dwelling.
Owner—L. C. Fish, 2453 Park Blvd., Oakland.
Architect—None. $5000

DWELLING
(2347) 5409 CRITTENDEN ST., Oakland. 1-story 4-room dwelling.
Owner—A. P. Buhman, 1605 54th Ave., Oakland.
Architect—None. $2600

BAKERY & DWELLING
(2348) W TELEGRAPH AVE. 100 N 39th Ave., Oakland. 2-story brick & tile bakery and dwelling.
Owner—Pederson Bros., E-24th St. & 21st Ave., Oakland.
Architect—None.
Contractor—Arthur Olsen, 515 Apgar St., Oakland. $15,000

APTS. & STORES
(2349) SW COR. FAIRFAX & BOND St., Oakland. 2-story 12-room apts and stores.
Owner—J. A. Thompson, Oakland Bank Oakland.
Architect—None.
Contractor—Oliver Duval & Son, Dalziel Bldg., Oakland. $14,000

BAKERY
(2350) S E-ELEVENTH ST., 112 E 4th Ave., Oakland. 2-story brick bakery.
Owner—Mutual Creamery, 26th Ave. & E-14th St., Oakland.
Architect—None.
Contractor—John M. Bartlett, 357 12th St., Oakland. $21,387

DWELLING
(2351) PTN. LOTS 23 & 24 BLK 1 Lakeshore Highlands, Oakland. All work for 2-story dwelling.
Owner—Mrs. M. L. Wilson, 1112 Ward St., Berkeley.
Architect — Schirmer Bugbee & Co., Thayer Bldg., Oakland.
Contractor—A. Cederborg, 1445 Excelsior Ave., Oakland.
Filed May 16, 1923. Dated May 10, 1923.
Sheathed ..... ¼
Brown coated ..... ¼
Completed and accepted ..... ¼
Usual 35 days ..... ¼
TOTA LCOST, $8847

Bond, Sureties, Forfeit, none; Limit, 100 days; Plans and specifications filed.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Amount

May 10, 1923—N HOLWAY 468 E Seminary Ave 36x90, Oakland. K A Johnson to whom it may concern .....May 8, 1923

May 10, 1923—S E-FOURTEENTH 145 W 84th Ave, Oakland. Alfred Charles Dixon to California Bldrs Co.....May 7, 1923

May 10, 1923—NE 20 LOT 17, all Lot 18 Blk 2, Auseon's Moss Tct, Oakland. Arnold E and Annie S Olver to N B Clarke.....May 3, 1923

May 9, 1923—LOT 39 Allendale Park, Oakland. Kramer Bros to E G Glantz.....April 28, 1923

May 9, 1923—NE SCENIC WAY 250 NW Seminary Ave., Oakland. M and N L Gaubert to whom it may concern.....Jan 15, 1923

May 9, 1923—NO. 3322 LAGUNA AVE, Oakland. A Tomlemass by H Goransoir to whom it may concern .....May 9, 1923

May 11, 1923—SE NINTH & ALICE W 70xS 75, Oakland. E F Euphrat to Cahill Bros.....

May 11, 1923—LOT 78 Map Searles Tract, Oakland. Alfred Johnson to whom it may concern May 8, 1923

May 11, 1923—W SIXTY-FIRST AVE 340 S Brand, Oakland Geo J Maas by E D Castle to Castle & Peters .....April 28, 1923

May 11, 1923—LOT 2 BLK "K" Map Excelsior Heights, Oakland. Ole Heden to whom it may concern.... .....May 11, 1923

May 11, 1923—LOT 10 Map Piedmont Manor, Piedmont. J W Martin to Richard T Belcher.....May 1, 1923

May 11, 1923—LOT 16 Geo W. Emms Tract, Alameda. A P Jordan to H C Andresen.....May 3, 1923

May 11, 1923—LOT 22 BLK 8 4th Ave Terrace Extn, Oakland. D B Parker to E Maasberg..May 5, 1923

May 12, 1923—LOT 14 and SW 12-6 Lot 13 Map Fruitvale Vista Tract, Oakland. John Brunzell to whom it may concern.....May 1, 1923

May 12, 1923—NW PERALTA AVE 86 NE Brookdale Ave 40x140, Oakland E H Harrison to L A Peters..... .....May 11, 1923

May 12, 1923—S E-THIRTY-EIGHTH 90 W Linwood Ave W 10xS 80.5, Oakland. L G Hudson to whom it may concern.....May 11, 1923

May 12, 1923—LOT 4 Map Sharon Terrace, Piedmont. Alan M McCarthy to whom it may concern... .....May 12, 1923

May 12, 1923—LOT 9 BLK "C" Lakewood Park, Piedmont. Bert R Shrader to Mervin F Rose..... .....May 11, 1923

May 11, 1923—NE EIGHTEENTH & Peralta, Oakland. Jones & Richeson to M E Hopper & Sons..... .....May 2, 1923

May 14, 1923—NE 9 LOT 36 and SW 27 Lot 35 Blk 1, Park Blvd Tract, Oakland. O R Clark to whom it may concern.....May 14, 1923

May 14, 1923—NO. 778 SANTA REY Ave, Oakland. M A Hennings to John Lehman.....May —

May 14, 1923—LOT 5 BLK 1, State University Homestead Assn No. 5, Berkeley. W J Morrison to Carl F Zeile .....May 11, 1923

May 14, 1923—LOT 4 BLK 14 Map Boulevard Park, Oakland. Mrs. E Ferrand to Neil Ferrand.May 14, 1923

May 15, 1923—LOT 16 BLK "B" Map Eureka Homestead, Berkeley. Andrew and Isabelle Anderson to Gustaf Johanson.....May 10, 1923

May 15, 1923—SW FIFTY-FIFTH & Fleming Aves, Oakland A E Orton to whom it may concern..May 14, '23

May 15, 1923—PTN LOT 84 Map Pleasant Valley Court, Oakland. George Ernst to whom it may concern .....April 20, 1923

May 15, 1923—LOT 7 BLK 3 Map East Oakland Heights, Oakland Chas A Armstrong to California Builders Co.....May 14, 1923

May 15, 1923—NO. 441 NEWTON AV, Oakland. John Lewis to J Lehman .....May 14, 1923

May 15, 1923—S MERA 50 E Rosedale Ave, Oakland. A R Attebery to whom it may concern..May 9, '23

May 15, '23—NE SEVENTY-EIGHTH Ave and Alder 40x100, Oakland C J Sullivan to whom it may concern .....May 14, 1923

May 15, 1923—S HOLWAY 174 E Seminary Ave 37x100, Oakland. D W Parks to whom it may concern.....May 14, 1923

May 15, 1923—NO. 1201 SEVENTY-third Ave., Oakland. C M Merlinjones to S Damgaard....May 15, 1923

May 15, 1923—LOT 6 BLK "F" Map Bella Vista Park, Oakland. L C Fish to whom it may concern... .....May 2, 1923

May 15, 1923—N 35 LOT 38 BLK "K" Map 4th Ave. Terrace Oakland E J Wheeler to W C Constable.... .....May 12, 1923

May 16, 1923—NO. 33 ESTRELLA Ave, Piedmont. R M Myers to whom it may concern .May 15, 1923

May 16, 1923—LOT 4 BLK 1, Map Santa Fe Tract No. 5, Berkeley. Karl and Ellen E Hugel to J B Bishop .....May 16, 1923
May 16, 1923—LOT 6 BLK "T" Map Central Piedmont Tract No. 4. Piedmont. J B Cawley to R M Myers.....May 15, 1923
May 16, 1923—LOTS 14 TO 23 inclu. Blk 86 Complete Map of Oakland by Julius Kellersberger. Oakland. Hebern Electric Code, Inc to Ariss-Knapp Co.....April 30, 1923
May 16, 1923—NO. 1330 SEVENTY-eighth Ave, Oakland. F Lavaysse and C A Fratt to whom it may concern.....May 14, 1923
May 16, 1923—SEVENTH, FALLON to Bay Sts. Oakland. Southern Pacific Co to Hutchinson Co.....May 12, 1923

LIENS FILED

ALAMEDA COUNTY

Recorded Accepted

May 10, 1923—LOTS 38 AND 39 BLK "N" Map Fruitvale Blvd Tct, Oakland. Harry C Fry vs R O McCline and Wall Glimm $22.10
May 10, 1923—SW E-SIXTEENTH 108-9 NW 27th Ave NW 50xSW 120, Oakland. Powell Bros, Inc vs Emily A and John Westerlund & Schulthies Bros.....$183.75
May 10, 1923—LOTS 38 AND 39 BLK "N" Map Fruitvale Boulevard Tct, Oakland. Maxwell Hardware Co vs Walter L Glimm and R O McCline $35.90
May 10, 1923—NE PARK BLVD AND E-Eighteenth 100x100, Oakland. S J M Coates vs D P Kalitsas and George A Williams $56
May 14, 1923—LOTS 13 AND 14 BLK 103 Town of Hayward. A R Cotteral vs Mrs. Z M Clark $123.50
May 14, 1923 N THIRTY-SECOND 237.4 W Telegraph Ave W 50 N 124.66 E 50.23 S 119.84, Oakland. Hull Plumbing Co vs May Virginia Rankins $570
May 14, 1923—LOT 15 BLK 2, Map Lakeshore Highlands, Oakland. Pacific Metal Products Co vs A A and Hathye Glantz $104
May 14, 1923—LOT 36 BLK "D" Map East Piedmont Heights, Oakland. J H Hunter vs Charles E Bardwell Jr $184
May 16, 1923—LOT 110 BLK "C" Meek Estate Orchards, Eden Tp. F A McCausland vs J J Joslin. The Meek Estate et al $910

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded Amount

May 11, 1923—LOTS 36 AND 37 BLK "Q" Map Hardys Addition to Adeline and Market Homestead, Oakland. Harry Wessel to G Raimondi $996
May 12, 1923—NE 27 LOT 27 and SW 11 Lot 25 Blk 3, Map Fitchburg Homestead Lots, Oakland. John Vinson to F E Cline $100

Notice of Non-Responsibility

ALAMEDA COUNTY

May 11, 1923—SW HOPKINS 220 NW 38th Ave NW 50 SW to right-of-way San Jose Short Line, Oakland. Alameda Investment Co as to improvements on property.....
May 16, 1923—NW 20 LOT 8, all Lot 9 Blk 14 Map Key Route Heights, Oakland. Alameda Investment Co as to improvements on property..

BUILDING CONTRACTS

FRESNO COUNTY.

$5,000 and Over Reported

DWELLING, $7500; No. 4031 Kerckhoff Ave., Fresno; owner, Harry Sparber, 3343 Platt St., Fresno.
LINOLEUM in building, $17,731; Lots 14, 15, 16, Blk. 68, Fresno; owner, San Joaquin Light & Power Co., 1301 Tulare St., Fresno; contractor, Bonded Floors Co., 625 Market St., San Francisco. Recd May 11, 1923.
DWELLINGS, 3, $10,000; 3215-37-43 Lyell St., Fresno; owner, J. C. Morris, 3240 Lyell St., Fresno.
LINOTILE, $5226; Lots 14, 15, 16, Blk. 68, Fresno; owner, S. J. L. & P. Co. 1801 Tulare St., Fresno; contractor, David E. Kennedy, Inc., Sharon Bldg., San Francisco. Recd. May 11, 1923.

COMPLETION NOTICES

FRESNO COUNTY

Recorded Amount

May 10, 1923—LOTS 21 AND 22, Delver Place, Fresno. Fred Van Dusen and J E Hampton to whom it may concern.....May 9, 1923
May 10, 1923—LOTS 7 AND 8 BLK 1, Kings Orange Manor, Fresno. O K Fetherolf to whom it may concern.....May 9, 1923
May 10, 1923—LOT 4 BLK 3, Woodlawn, Fresno. Willis Frederick to whom it may concern....May 9, 1923
May 9, 1923—LOTS 26 TO 32 BLK 82, Fresno. Fresno Bldg & Investment Co to whom it may concern.....May 5, 1923
May 11, 1923—LOT 7 S ½ OF LOT 6 Blk 2 German Add., Fresno. Phillip Schmidt et ux to whom it may concern .....May 3, 1923
May 11, 1923—LOT 10 BLK 47 SIERra Vista Add No. 2, Fresno. H. C. Peterson to whom it may concern .....May 10, 1923
May 11, 1923—LOTS 24 & 25 BLK 2 Olivette Park, Fresno. C. K. Walsefield to whom it may concern.. .....May 10, 1923
May 11, 1923—LOTS 27 TO 32 BLK 202, Fresno. Ben Tyre to whom it may concern .....May 1, 1923
May 11, 1923—LOTS 30 31 BLOCK 6 Torrence Terrace, Fresno. B. G. Townsend to whom it may concern .....May 9, 1923
May 11, 1923—E 50 FT OF N ½ OF Lot 26 Normal Acres, Fresno. Thos. S. Wadsworth, to whom it may concern .....May 9, 1923
May 12, 1923—LOTS 14 AND 15 BLK 77, Sierra Vista Addition No. 4, Fresno. J A Schlotthauer to whom it may concern.....May 12, 1923
May 12, 1923—LOT 1 BLK 35, Sierra Vista Addition No. 4, Fresno. H H Readman to whom it may concern.....May 12, 1923
May 12, 1923—LOTS 13, 14 AND 15 Blk F, Stathem Addition, Riverdale. O E Eden to whom it may concern.....May 10, 1923
May 12, 1923—LOTS 44 & 45 Brum-Bach Villa Tract, Clovis. Elizabeth Peckinpah to whom it may concern.....May 3, 1923
May 12, 1923—CARUTHERS SCHOOL Dist, Fresno. Caruthers School District to whom it may concern .....May 3, 1923
May 12, 1923—CARUTHERS SCHOOL District, Fresno. Caruthers School District to whom it may concern .....April 11, 1923
April 14, 1923—LOT 577 W & K TCT. 20, Fresno. Ben O. Clouser to whom it may concern .....May 7, 1923
MFay 15, 1923—LOTS 25 & 26 BLOCK 11 Paige Tract, Fresno. R. M. Dewar to whom it may concern.....April 16, 1923
May 15, 1923—LOT 3 BLOCK 27 ALTA Vista Tract, Fresno. J. H. Baker to whom it may concern ....May 14, 1923
May 15, 1923—LOTS 9 & 10 BLOCK 1 Zapps Park No. 2, Fresno. W. L. Hills to whom it may concern.....May 8, 1923

LIENS FILED

FRESNO COUNTY

Recorded Amount

May 11, 1923—Lots 1 & 2 Blk 11 Calwa Sub, Fresno; Sunset Lumber Co. vs. C. W. Cuthbert $87
May 12, 1923—S ½ OF W ¼ OF NW ¼ of SE ¼ of Sec. 1, 14-20, Fresno. L Rosenberg vs F B Anderson et al $791
May 12, 1923—LOT 15 N ½ LOT 16 Blk 4, Peters Addition, Fresno. M Kellner & Son Lumber Co vs Henry and Dora Benner and Christ Sommers $667
May 15, 1923—LOTS 25 & 26 BLK 1 Stratford Place, Fresno. L. Rosenberk vs. Richard Hahn.....$81

BUILDING CONTRACTS

SAN MATEO COUNTY

DWELLING

LOT 23 BLK 27 EASTON NO. 2, Burlingame. All work for 1-story frame dwelling.
Owner—G. L. & Alice Emerson, 214 Precita Ave., San Francisco.
Architect—None.
Contractor—A. M. Waldo, 604 North C St., San Mateo.
Filed May 9, 1923. Dated Jan. 31, 1923.
Sheeted $1300
Enclosed 1300
Completed and accepted 1300
Usual 30 days 750
TOTAL COST, $4650
Bond, Sureties, Forfeit, Limit, Plans & specifications, none.

RESIDENCE

PART LOT 2B & 3B No. 1 Agnes Bowie Est. of Hillsborough. All work for one-story residence.
Owner—Clara R. Henny, Hillsborough.
Architect—Howard Preston, 70 Kiley St Boston, Mass.
Contractor—Cavanagh & Cavanagh, 205 State St., San Mateo.
Filed May 11, 1923. Dated May 10, 1923.
Monthly 75%
Usual 35 days 25%
TOTAL COST, $26,465
Bond, Sureties, Forfeit, none; Limit, 100 days; Plans and specifications filed.

RESIDENCE

LOT 6 and Ptn Lot 4 Blk 32, Redwood Highlands, Redwood City. All work for one-story frame residenc
Owner—Edward H. March et al.
Architect—Angelo Heweston, 1100 Versailles Ave., Alameda.
Contractor—George H. Arthur.
Filed May 11, '23. Dated Apr. 28, '23.
Roof on $1175
Plastered 1175
Completed 1175
Usual 35 days..... 1175
TOTAL COST, $4700
Bond, none. Limit, 90 working days. Forfeit, none. Plans and specifications filed.

BUNGALOW

LOT 5 BLK 43 EASTON NO. 43, Burlingame. All work for bungalow.
Owner—J. Howard, 433 Medway, San Mateo.
Architect—None.
Contractor — Thomas N. Gerso, 1405 Grove St., Burlingame.
Filed May 11, 1923. Dated Mar. 12, 1923.
Framed $1344.25
Brown coated 1344.25
Completed and accepted 1344.25
Usual 35 days 1344.25
TOTAL COST, $5377
Bond, Sureties, Forfeit, none; Limit, June 1, 1923. Plans and specifications filed.

BUNGALOW

LOT 2 BLK 7, Burlingame Park No. 2, Burlingame. All work for bungalow and garage.
Owner—F. Schaffner.
Architect—None.
Contractor—Thomas N. Gesso, 1405 Grove Ave., Burlingame.
Filed May 11, '23. Dated Mar. 24, '23
Frame up $1860
Brown coated 1860
Completed 1860
Usual 35 days..... 1860
TOTAL COST, $7440
Bond, none. Limit, before July 1, 1923. Forfeit, plans and specifications, none.

SCHOOL

BLK BOUNDED BY ST. HELENA AVE. San Antonio, San Juan Ave. & San Anselmo Ave., Lomita Park. All work for concrete school bldg.
Owner—Milbrae School District., Milbrae, Cal.
Architect—Alfred Kuhn & Thomas M. Edwards, 833 Market St., S. F.
Contractor—O. S. Holt, 180 Jessie St., San Francisco.
Filed May 14, 1923. Dated May 14, 1923.
Walls concrete poured.....$9235
Roof completed 9235
Completed and accepted 9235
Usual 35 days 9235
TOTAL COST, $36,900
Bond, 2, $18,170 each; Sureties, Union Indemnity Co.; Forfeit, $20; Limit, 120 wk. days; Plans and Specifications filed.

RESIDENCE and garage, $7000; Lot 26 Blk 69 Easton 7, Easton Dr., Burlingame; owner, Joseph Grimes, 415 Primrose Ave., Burlingame; architect, Leadly & Wiseman, 207 2nd St., San Mateo.

BUNGALOW, $5000; Lot 30 Blk 58 Easton 7, Desoto Ave., Burlingame; owner, W. R. Thompson, 416 Bayswater, Burlingame.

BUNGALOW and garage, $5000; Lot 17 Blk 38 City of Burlingame, Bayswater Ave.; owner, Oscar Carlson, 109 Bancroft, Burlingame; architect, Martin Peterson, 128 Middlefield.

BUNGALOW and garage, $2500; Lot 21A Blk 26, City of Burlingame, Bayswater Ave.; owner, Amelia J. Blyth.

BUNGALOW, $2000; Lot 21 Blk 12 Easton 1 Lagumer Ave., Burlingame; owner, W. Spires; architect, L. E. Nelson.

RESIDENCE and garage, $4000; Lot 22 Blk 15, Paloma Ave., Burlingame.; Owner, O. A. Meitz; architect, A. Siggs.

BUNGALOW, $4000; Lot 21 Blk 9 Easton 1, Laguna Ave., Burlingame; owner, F. D. Bowman; architect, J. Bale, 805 Highland, San Mateo.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded — Accepted

May 10, 1923—LOT 5 B B HOAG & Lansdale Sub to Menlo Park, San Mateo, A. L. Ruff to whom it may concern .....April 5, 1923

May 10, 1923—LOT 3 BLK 4 SUB A Wellsley Park, Redwood City, A. P. Hundevadt to H. C. Groom .....May 10, 1923

May 11, 1923—LOT 23 BLK 27 Easton No. 2, Burlingame. George and Alice C Emerson to A W Waldo.....May 8, 1923

May 11, 1923—LOT 26 BLK 30, Easton No. 2, Burlingame. Norman & Hinman to whom it may concern.....May 1, 1923

May 11, 1923—LOT 28 BLK 3, Burlingame Park No. 4, Burlingame. Dena Perin to Thomas N Gesso.....April 14, 1923

May 11, 1923—LOT 4 BLK 45 Easton No. 4, Burlingame. Archie D Tidy to whom it may concern...May 4, 1923

May 11, 1923—LOT 34 BLK 46, Easton No. 4, Burlingame. Archie D Tiddy to whom it may concern..May 4, 1923

May 14, 1923—LOT "E" BLK 5, Burlingame No. 2, Burlingame. D Houle to whom it may concern.....May 10, 1923

May 14, 1923—LOT "T" BLK 4, Burlingame Terrace, Burlingame. D Houle to whom it may concern.....May 10, 1923

May 15, 1923—LOT 19 BLK 37 EASton No. 2, Burlingame. W. O. Nicolaides to whom it may concern.....May 15, 1923

May 15, 1923—NEW HIGH SCHOOL site, Burlingame. San Mateo Union High School to The Fink & Schindler Co. .....May 10, 1923

May 15, 1923—NEW HIGH SCHOOL Site, Burlingame. San Mateo Union High School to Carl T. Doell.....May 10, 1923

May 16, 1923—1 1/5 MILES FROM Town of Woodside on the Portola Road. (Premises of Mary A Hooper Somers). George B Somers to Louis N Pollard.....May 10, 1923

May 16, 1923—LOT 17 BLK 20, Lyon & Hoag Sub., San Mateo. Lillian A Sobie to whom it may concern.....May 14, 1923

RELEASE OF LIENS

SAN MATEO COUNTY

Recorded — Amount

May 15, 1923—LOTS 4, 5 & 6 BLK 6 Shore Acres near Halfmoon Bay San Mateo. Alvira S. Hatch to E. J. Benordo $5445.40

May 16, 1923—LOT 12 BLK 10, Burlingame Grove Tract, Burlingame. Burlingame Lumber Co to Henry Vost $457.32

BUILDING CONTRACTS

SACRAMENTO COUNTY

$2,500 and Over Reported

TWO-STORY addition to building, $32,-731; NE Cor. 14th and K Sts., Sacramento; owner, Chauncey H. Dunn, Capitol National Bank Bldg. Sacramento; contractor, Chas. S. Mabrey Co., Ochsner Bldg., Sacramento; recorded May 7, 1923.

SCHOOL, $19,167; Seventh and S Sts., Sacramento; owner, Grace Day Home, Premises; architect, Dean & Dean, City Library Bldg., Sacramento; contractor, Chas. S. Mabrey Co., Ochsner Bldg., Sacramento; recorded May 10, 1923.

DWELLING, 1-story 4-room, $2800; 221 26th St., Sacramento; owner, A. C. Coleman, 2624 35th St., Sacramento; contractor, Coleman & Holmes, 2624 35th St., Sacramento.

STORE, 1-story brick, $2800 3116 Stockton Blvd., Sacramento; owner, Burt Robinson, 2764 43rd St., Sacramento contractor, L. F. Gould, 1623 O St., Sacramento.

STORE, 1-story brick, $5800; 3301 Folsom Blvd., Sacramento; owner, Baldonhi & Antinozzi, 915 Marshall Way, Sacramento; contractor, P. J. O'Brien, 2215 13th St., Sacramento.

STORES, one-story 2-room brick, $2900 No. 3317 Folsom Blvd., Sacramento; owner, John Seifert, 1517 34th St., Sacramento; contractor, Carl Koch, 3418 L St., Sacramento.

DWELLING, one-story 6-room and garage, $2500; No. 2526 T St., Sacramento; owner, T. Fosta, 406 T St., Sacramento; contractor, M. Denis, 406 T St., Sacramento.

BUILDING, two-story brick, $19,167; No. 700 S St., Sacramento; owner, Buffalo Academy of Sacred Heart, New York; contractor, C. S. Mabrey Co., Ochsner Bldg., Sacramento.

DWELLING, two-story 8-room, $9000; No 1109 45th St., Sacramento; owner, Norman Thorp, 824 N St., Sacramento; contractor, W. V. Whitsell, 2900 C St., Sacramento.

DWELLING and garage (1-story 5-rm.) $3500; 2108 Gerber Ave., Sacramento; owner, C. V. Snider, 816 20th St. Sacramento.

ALTERATION to office, $2900; 1945 Stockton Blvd., Sacramento; owner Shell Co.; contractor, Siller Bros., 1616 13th St., Sacramento.

DWELLING, 1-story 5-room, $3000; 5009 12th Ave., Sacramento; owner, J. M. Burroughs, 5009 12th Ave., Sacramento.

DWELLING, 1-story 5-room, and garage, $3000; 394 7th Ave., Sacramento; owner, P. A. Creason, 3123 Santa Cruz Way, Sacramento; contractor, P. Lopez, 3910 8th St., Sacramento.

DWELLING, 1-story 4-room, and garage, $4400; 1451 37th St., Sacramento; owner, W. L. Kimball, 2316 28th St., Sacramento; contractor, F. H. Bel, 2316 28th St., Sacramento.

REMODEL apartments, $3000; No. 2601 J St., Sacramento; owner, F. C. Hill Premises.

INSTALL bath tubs in bathhouse, $2500 No. 1326 4th St., Sacramento; owner, S. Yoshinaga, 1320 4th St., Sacramento.

PIERCE-BOSQUIT
Abstract & Title Co.
Capital Stock $100,000
Sacramento, Placerville, Nevada City, Reno
SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

DWELLING, 2-story 8-room and garage, $6710; No. 1373 42nd St., Sacramento; owner, C. H. Carter, 38th and J Sts., Sacramento; contractor, T. Ransdall, 1055 41st St., Sacramento.

FLATS, 2-story frame, $12,000; 1521 W St., Sacramento; owner, F. Forte, 862 Filbert St., S. F.; contractor, C. Vanina, 2027 M St., Sacramento.

BUILDING, 1-story brick, $12,500; 708-14 12th St., Sacramento; owner, Mrs. F. Marler, 1214 H St., Sacramento; contractor, Geo. D. Hudnutt Calif. Fruit Bldg., Sacramento.

BUILDING, R C steel and brick, $79,-864; 3rd and Q Sts., Sacramento; owner, Lindley & Co.; 220 K St., Sacto.; contractor, Campbell Construction Co., 601 Nicolaus Bldg., Sacramento.

RESIDENCE and garage, $16,342.60; W ½ lot 1934 & S 25 ft. lot 1935 W & K Tract 24, Sacramento; owner, Norman Thorp, 1027 8th St., Sacramento; contractor, Wm. V. Whitsell Sacramento. Recd. May 11, 1923.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded — Accepted

May 8, 1923—LOT 48 T ST ADD, Sacramento, W. B. Wingate to whom it may concern .....May 7, 1923

LIENS FILED

SACRAMENTO COUNTY

Recorded — Amount

May 12, 1923—W ½ OF S ½ LOT 8, W, X, 3rd and 4th Sts. Sacramento. Sacramento Lumber Co vs Modern Laundry Co et al.....$797.52

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

$2,500 and Over Reported

CHURCH BLDG., $39,602.84; Stockton; owner, First Church of Christ Scientist, by T. R. Mintun and Anna K. Filty, Sec.; architect, Glenn Allen; contractors, Perry Bros., George Market, Frederickson Bros., Miller Hayes Co., M. W. Hild, Jos. Christhart and Stockton Roofing Co., all of Stockton. Recd May 8, 1923.

TILE BLDG., $6915.25; LOT 22 Blk. 9 North Manteca; owner, Manteca Tel. Co., Inc., Manteca; contractor, Frank C. Kuhn, Manteca. Recd May 8, 1923.

RESIDENCE, $5000; 1226 West Elm St., Stockton; owner, W. H. Walters.

RESIDENCE, $5000; 7 Elizabeth St., Stockton; owner, Walter Holenbach

RESIDENCE, $3300; No. 1718 E-Lafayette St., Stockton; owner, G. Mancini.

RESIDENCE, $3000; No. 2285 Lafayette St., Stockton; owner, Paul T. Williamson, 21 S-San Joaquin St., Stockton.

RESIDENCE, $2400; No. 300 E-Ellis St., Stockton; owner, J. J. Smith.

RESIDENCE, $8000; No. 1065 N-Ophir St., Stockton; owner, P. Ross.

APARTMENTS, $20,000; 844 S California St., Stockton; owner, B. Belluomini, 509 S San Joaquin, Stockton.

RESIDENCE, $5000; 1643 South California, Stockton; owner, W. F. Ritlies.

RESIDENCE, $2500; 124 South B St., Stockton; owner, Henry Brummond

LIENS FILED

SAN JOAQUIN COUNTY

Recorded — Amount

May 8, 1923—LOT 9 BLK "D" Bours Park Addition, Stockton. Chas E Crozier, $531 50; Fisher Bros Planing Mill, $76.06 vs S Cassel, Mrs Samuel Cassel and Security Bldg. Loan Association .....

May 8, 1923—LOT 9 BLK "D" Bours Tract, Stockton. R F Fisher and A H Fisher (as Fisher Bros Planing Mill) vs Charles Garfield, Samuel Cassel and Security Building Loan Ass'n..$386.17 and interest

BUILDING CONTRACTS

SANTA CLARA COUNTY.

BUILDING
LOT NORTH OF DRUG STORE SITUated on NE corner First & San Salvador Sts., San Jose, also the drug store. All work for 1-story bldg. & remodel drug store.
Owner—The Benedict Estate, San Jose.
Architect—Charles S. McKenzie, Bank of San Jose Bldg., San Jose.
Contractor Herbert Jorgensen & Frank Thomy, 651 Prevost St., San Jose.
Filed—. Dated May 4, 1923.
As work progresses 75%
Usual 35 days 25%
TOTAL COST, $14,546
Bond, $7500; Sureties, A. L. Bubbard and John Lindgren; Forfeit, none; Limit, 70 wk. days from May 5, 1923; Plans and specifications filed.

BUILDING
ON EAST SIDE OF FIRST ST. BETW. San Antonio and San Carlos Sts., San Jose, Cal. All work for 2-story business building.
Owner—F. L. Burrell, 41 North 10th St., San Jose.
Architect—Binder & Curtis, 255½ S 1st St., San Jose.
Contractor—Morrison Bros., 1310 Liberty St., Santa Clara.
Filed—. dated May 3, 1923.
As work progresses 75%
Usual 35 days 25%
TOTAL COST, $47,079
Bond, $23,540, Sureties, James H. Pierce W. H. Roberts and C. W. Haman; Forfeit, none; Limit, 120days from May 8, 1923; Plans and specifications filed.

SCHOOL
MOUNTAIN VIEW. Furnish and install Medart metal lockers for high school building.
Owner—Bd. Trustees Mt. View Union High School District, Mt. View.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
Contractor—Fred Medart Mfg. Co., Rialto Bldg., San Francisco.
Filed May 7, '23. Dated Apr. 25, '23.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, $963
Bonds, $481.50 each. Surety, Fidelity & Deposit Co. of Maryland. Limit, 90 working days from Apr. 25, 1923. Forfeit, none. Plans and specifications filed.

DWELLING
MARGUERITE TRACT NO. 1 being Lots 70, 71 and 72, San Jose. All work for four-room dwelling and garage.
Owner—Harry Norton and Annie Elizabeth Storr, 335 Hobson St., San Jose.
Architect—None.
Contractor—J. Erle McCombs and W. R. Lomax, 304 S-Seventh St., San Jose.
Filed May 5, '23. Dated May 1, '23.
Roof up $1096.75
Plastered 1096.75
Completed 1096.75
Usual 35 days..... 1096.75
TOTAL COST, $4386.00
Bond, limit, forfeit, plans and specifications, none.

RESIDENCE
SE WASHINGTON & SANTA CLARA Sts., Santa Clara. All work for one-story frame residence and garage.
Owner—Marie V. Teixeira, Santa Clara.
Architect—Wolfe & Higgins, Auzerals Bldg., San Francisco.
Contractor—N. O. Berg, 431 Marshall St., San Jose.
Filed May 5, '23. Dated Apr. 30, '23.
Frame up $1748.50
1st coat plaster on..... 1748.50
Completed and accepted..... 1748.50
Usual 35 days..... 1748.50
TOTAL COST, $6994.00
Bond, $2497 Sureties, Otto E. and E. W. Schnabel. Limit, 80 working days from April 30, 1923. Forfeit, none. Plans and specifications filed.

COTTAGE
NE FIFTEENTH AND EMPIRE STS., 183.7 ft. North, San Jose. All work for one-story five-room cottage.
Owner—Ursula Burgess, San Jose.
Architect—None.
Contractor—Geo. D. McCrary & Ralph J. Sharp, San Jose.
Filed May 10, '23. Dated May 7, '23.
Closed in $925
Brown plaster on..... 925
Notice of completion filed..... 925
Usual 35 days..... 925
TOTAL COST, $3700
Bond, limit, forfeit, plans and specifications, none.

DWELLING
LOT 20 BLK 3, Elm Leaf Park, San Jose. All work for one-story frame dwelling.
Owner—A. Levin, 1270 E-William St., San Jose.
Architect—None.
Contractor—W. O. Furtwangler, 269 S-23rd St., San Jose.
Filed May 10, '23. Dated Mar. 22, '23.
Upon execution of contract...$425.00
Frame up 618.75
Rough plaster on..... 618.75
Completed 618.75
Usual 35 days..... 618.75
TOTAL COST, $2900.00
Bond, $1450. Sureties, A. L. Hubbard and Chas. A. Payne. Limit, 60 working days from March 22, 1923. Forfeit, none. Plans and specifications, none.

BUNGALOW
PTN BLK 88, Palo Alto. All work for one-story bungalow.
Owner — John A. Dale, 543 Emerson St., Palo Alto.
Architect—None.
Contractor—Chas. E. Sample, Main Ave. Mountain View.
Filed May 9, '23. Dated Apr. 17, '23.
Payments to be made in accordance with rules of San Mateo County Building & Loan Ass'n.
TOTAL COST, $3920
Bond, none. Limit, to be completed on or before Sept. 1, 1923. Forfeit, none. Plans and specifications filed.

BUNGALOW
LOT 10 BLK 2, Alba Park Addition to Palo Alto. All work for one-story bungalow.
Owner—John A. and Kate Dale, 543 Emersan St., Palo Alto.
Architect—None.
Contractor—Chas. E. Sample, Main Ave. Mountain View.
Filed May 9, '23. Dated Apr. 17, '23.
As work progresses to be paid in accordance with rules of San Mateo County Bldg. & Loan Ass'n.....
TOTAL COST, $3920
Bond, none. Limit, to be completed on or before Oct. 1, 1923. Forfeit, none. Plans and specifications filed.

BUNGALOW
ON BYRON ST. BETWEEN LINCOLN and Kingsley Ave, Palo Alto, Cal. All work for 4-room bungalow.
Owner—Margaret B. Thomas, Palo Alto
Architect—None.
Contractor—W. S. Couter & Co., 1004 Emerson St., Palo Alto.
Filed —; Dated May 7, 1923.
Foundation in and rough lumber on ground $674.75
Under roof 674.75
Completed and accepted 674.75
Usual 35 days 674.75
TOTAL COST, $2699
Bond, Sureties, Forfeit, none; Limit, 90 wk days from May 15, 1923; Plans and specifications filed.

RESIDENCE
ON NE SIDE MORSE ST. 106 FT. NW from Randol Ave., San Jose. All work for 1-story residence.
Owner — Evadne Knowles, Florence Philene Knowles and Marian Jane Knowles, San Jose.
Architect — W. Hastings, 524 E St. James, San Jose.
Contractor—Arthur J. Bowen, 68 Fuller St., San Jose.
Filed —. Dated May 14, 1923.
Frame completed $950
1st coat plaster on $950
Completed and accepted $950
Usual 35 days 950
TOTAL COST, $3800
Bond, $1900; Sureties, Fred S. Bowen and George Green; Forfeit, none; Limit, 60 wk days; Plans and specifications filed.

RESIDENCE
SOUTH SIDE SENECA ST. BETWEEN Hamilton and Forest Aves., Palo Alto, being in Blk 66. All work for 1-story residence.
Owner—Mrs. Annie H. King, Palo Alto.
Architect—Birge M. Clark, 600 Embarcadero, Palo Alto.
Contractor—Wells P. Goodenough, 310 University Ave., Palo Alto.
Filed —. Dated May 12, 1823.
Frame up, roof on $1629.25
1st coat plaster on 1629.25
Completed and accepted 1629.25
Usual 35 days 1629.25
TOTAL COST, $6517
Bond, $3300; Sureties, W. P. Gray and T. C. Rice; Forfeit, none; Limit, 75 wk. days from May 14, 1923; Plans and specifications filed.

HOUSE
SOUTH SIDE EAST SANTA CLARA ST. near 15th St., San Jose. All work for 1-story frame double house and garage.
Owner—John Taylor, San Jose.
Architect—Wolfe & Higgins, Auzerals Bldg., San Jose.
Contractor—J. C. Thorp, Auzerals Bldg. San Jose.
Filed —. Dated May 12, 1923.
Frame up $2220.50
1st coat plaster on 2220.45
Completed and accepted 2220.45
Usual 35 days 2220.50
TOTAL COST, $8881.90
Bond, $4440.95; Sureties, Globe Indemnity Co.; Forfeit, none; Limit, 90 wk. days from May 12, 1923; Plans and Specifications filed.

BUS BLDG., 2-story brick, $19,385; S First near San Salvador, San Jose; owner, Lester Lampkin; contractor, R. O. Summers, 17 N 1st St., San Jose.
BUS BLDG. 1-story brick, $14,500; First near San Salvador, San Jose; owner Benedict Estate; architect, C. S. McKenzie, Bank of San Jose Bldg., San Jose; contractor, Jorgensen & Thomy, 659 Prevost, San Jose.
COTTAGE, 4-room, $4385; N 11th near Washington, San Jose; owner, H. Notin & Annie Stoer; architect, McCombs & Lomox, 304 S 7th St., San Jose.
COTTAGE, 4-room, $1000; 21st & Beach San Jose; owner, G. Banducci, 306 Peach Court, San Jose.
COTTAGE, 5-room, $3800; Humboldt nr. First, San Pose; owner, Chas. Grace, 1993 Vine St., San Jose.
BUS BLDG., 1-story, $4230; Post near First, San Jose; owner, N. I. Augustine, 358 S 11th St., San Jose; architect—Jorgensen & Thomy, 651 Prevost St., San Jose.
COTTAGE, 5-room, $3975; Almaden nr. First, San Jose; owner, B. Bisceglia 5th and Santa Clara, San Jose; architect, L. Scaglione, Coe & Bird Streets, San Jose.
COTTAGE, 5-room, $4500; 523 Locust, San Jose; owner, H. Jaeger.
COMB. SHOP and living rooms, $1100; Sta. Clara and 23rd, San Jose; owner, T. L. Castro, 487 N 17th St., San Jose.
COTTAGE, five-room, $3700; No. 15 N-Empire St., San Jose; owner, Mrs M. Burgess, 351 S -Fourth St., San Jose; contractor, Geo. D. McCrary.
BUSINESS building, three-story, $47,080; First St. near San Antonio St., San Jose; owner, F. L. Burrell, 41 N-Tenth St., San Jose; architect, Binder & Curtis, 255½ S-First St., San Jose; contractor, Morrison Bros., 1310 Liberty St., San Jose.
COTTAGE, 5-room, $3250; First St. near Asbury, San Jose; owner, Cyrel McGraw, 2 San Antonio Apts. San Jose; architect, W. W. Hastings, 524 E-St. James St., San Jose; contractor, Hastings Bros., Bank of San Jose Bldg., San Jose.
RESIDENCE, two-story 8-room, $18,000; 14th and San Carlos Sts., San Jose; owner, E. Levin, 679 S-2nd St., San Jose; architect, Chas. McKenzie, Bank of San Jose Bldg., San Jose.
COTTAGE, 5-room, $1250; Tenth St. near Jackson, San Jose; owner, Rosanio Marino, 628 N-14th St., San Jose.
COTTAGE, 5-room, $3800; Twelfth St. near St. James; owner, S. G. Youngquist, 215 S-12th St., San Jose; architect, C. S. McKenzie, Bank of San Jose Bldg., San Jose; contractor, S. G. Youngquist, 215 S-12th St., San Jose.
COTTAGE, 5-room, $2950; San Fernando St. near 30th, San Jose; owner, Benj. Scorsur, 535 S-7th St., San Jose; contractor, A. J. Nielson, 156 S-20th St., San Jose.

ALTERATIONS, $5000; S-First St. nr. San Antonio, San Jose; owner, T. H. Hensbach, Bank of San Jose Bldg., San Jose.
COTTAGE, 5-room, $2200; Sherman St. near Floyd, San Jose; owner, W. R. Biaggi, Smout Bldg., San Jose.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Accepted
May 3, 1923—LOS ALTOS GRAMMAR School Site. Board of Trustees Los Altos Grammer School Dist to J B Balcomb.....April 20, 1923
May 3, 1923—E ORCHARD ST. bet. Balbach and Viola Sts., San Jose. John A Huber to Hastings Bros... .....April 25, 1923
May 4, 1923—LOT 26, Willard Tract, San Jose. Peter Falcone to Jerome Garcia.....May 4, 1923
May 5, 1923—S ½ LOTS 3 AND 4 BLK 4 R 2 S, San Jose. Pierre J E and Catherine Montmayeur to McCombs & Lomax.....May 3, 1923
May 5, 1923—NO. 211 FREMONT St., being Ptn Lots 8 and 9 Blk 3, J. B. Randol Tract, San Jose. David B and Elsie D Oldbury to whom it may concern....May 3, 1923
May 5, 1923—NO. 635 COE AVE, Palm Haven Tract, San Jose. C J Wolfe to E L Wolfe.....May 5, 1923
May 7, 1923—E MARKET 130.76 N of N line of San Carlos St., San Jose. Salvador P Cristina to whom it may concern.....May 5, 1923
May 7, 1923—W HANNA 206.30 N of N line Second St., Gilroy. W S Dow to whom it may concern.... .....April 7, 1923
May 7, 1923—PTN LOT 4 BLK 39, University Grounrs, Palo Alto. A L Withrow to whom it may concern.....May 7, 1923
May 7, 1923—PTN LOTS 10 AND 11 Blk 32, University Grounds. A York to whom it may concern. ... .May 4, 1923
May 7, 1923—W EIGLEBERRY ST. 326.85 N of N ln Eighth St., Gilroy F P Phillips to whom it may con-.. cern.....May 5, 1923
May 8, 1923—LOTS 30 AND 31 and NW ½ Lot 32 Blk 7 Range 3 West, Mace's Southwestern Addition. Salvator and Mary Vanella to Michele Salimeni.....Apr. 30, 1923
May 8, 1923—PTN LOT 2, Rhodes Tract. A M Elliott to whom it may concern.....May 5, 1923
May 8, 1923—LOT 11 Cottrell and Newhall Sub., San Jose. Anna E Sherwood to A M Whiteside..... .....May 5, 1923
May 8, 1923—PTN LOT 3 BLK 2 R 2 S, San Jose. Mutual Bldg & Loan Ass'n of San Jose and College Park to R O Summers.....April 10, 1923
May 9, 1923—E ROSANNA ST., bet. 2nd and 3rd Sts., Gilroy. Louis Parra to William Radtke.May 5, 1923
May 9, 1923—COMPBELL. Board of Trustees Campbell-San Tomas Union Grammar School Dist to Robert Dalziel Jr.....May 7, 1923
May 9, 1923—CAMPBELL. Board of Trustees Campbell-San Tomas Union Grammar School Dist to Robinson & Sons Co....May 7, 1923
May 9, 1923—LOT 1 BLK 14, Hanchett Residence Park, San Jose. J A Wagner to whom it may concern .....May 1, 1923
May 10, 1923—PTN LOTS 2 AND 3 Blk 66, Palo Alto. CF Noble to whom it may concern....May 9, 1923
May 10, 1923—LOT 2 BLK 1, Hanchett Residence Park, San Jose. B J Smith to whom it may concern... .....May 10, 1923
May 10, 1923—LOTS 19 AND 20 BLK 22, Seale Addition to Palo Alto. William H and Clementia L Gibson to whom it may concern.. .....May 6, 1923
May 11, 1923—LOT 10, Naglee Park Addition, San Jose. Manuel P and Annie M Ramos to Frank Peres... .....May 7, 1923
May 11, 1923—LOTS 17 AND 18 BLK 3, Bartley Tract, Mayfield. Lee J Traynor to whom it may concern .....May 1, 1923
May 11, 1923—LOT 5 BLK 10, Hanchett Residence Park, San Jose. G Smaha to whom it may concern... .....May 10, 1923
May 11, 1923—LOT 6 BLK 88, City of Palo Alto. The Minton Co to whom it may concern.....May 10, 1923
May 14, 1923—LOT 1 BLK 4, Singletary Tract, San Jose. Edward W Bacigalupi to C C Maurer.May 12, '23
May 14, 1923—LOT 18 BLK 10, Rose Lawn, San Jose. R E Ford to whom it may concern..May 14, 1923
May 14, 1923—LOS ALTOS. Board of Trustees Los Altos Grammar School Dist to M E Ryan.....May 8, 1923
May 15, 1923—SE TWELFTH AND San Carlos Sts., San Jose. George S Kocher to Benjamin Quimet.... .....May 15, 1923
May 15, 1923—E ELEVENTH ST. 120 S Santa Clara St., being Blk 27, San Jose. Chas W and Ida G Brown to A J Nielsen.....May 15, 1923

LIENS FILED

SANTA CLARA COUNTY

Recorded Amount
May 9, 1923—6.207 ACRES in Town of Los Gatos. James S Simpson vs Maud and Chester Martin.....$284.40
May 9, 1923—6.207 ACRES in Town of Los Gatos. Roy Davenport vs Maud E and Chester Martin...$736.55
May 12, 1923—S 80 FT. LOT 6 BLK 1, Maypark Half Acres. Borchers Bros vs D H Allen $268.70
May 12, 1923—S 80 FT. LOT 6 BLK 1, Maypark Half Acres. Southern Lumber Co vs D H Allen....$1614 58
May 14, 1923—ALL LOT 3 and N 2 ft. Lot 6 Blk 9 R 3 W Mace's SW Addition, San Jose. F Patrello vs Ambrose Cavallaro $93.60

RELEASE OF LIENS

SANTA CLARA COUNTY

Recorded Amount
May 12, 1923—6.207 ACRES in Town of Los Gatos. Jas S Simpson to Maud and Chester Martin.....$559.40
May 15, 1923—2¼ ACRES off S Lot 4 Albrights Sub., San Jose. J Lee, $88; George A Mahoney, $423; H E Howard, $68.17 to L C De Bussy...

BUILDING CONTRACTS

CONTRA COSTA COUNTY

WAREHOUSE, frame, $4400; 13th St., bet. MacDonald & Bissell Sts., Richmond; owner, M. Audibert, 528 Bissell St., Richmond; contractor, S. Roberson, 338 20th St., Richmond.
DWELLING, frame, $3000; 17th St., bet. Barrett and Roosevelt Sts., Richmond; owner, John Harrington, 758 8th St., Richmond; contractor, E. Orttenblad, 2111 Gaynor Ave., Richmond.
DWELLINGS (2) one-story frame each $8600; W 38th St., bet. View and Solano, Richmond; owner, W. H. Knowles, Box 298, Stockton, Cal.; contractor, Tandy & Thies, 719 6th St., Richmond.
DWELLING, one-story frame, $2000; NE 22nd and Nevin Sts., Richmond owner, L. J. Thole, 22nd and Nevin Sts., Richmond.
DWELLING, one-story frame, $3700; W Fifth St., bet. Ripley and Penn Sts., Richmond; owner, J. W. Smiley, 1906 Chanslor St., Richmond; contractor, Tandy & Thies, 719 6th St., Richmond.
DWELLING, one-story concrete tile, $5000; W 38th St., bet. View and Cerrito Sts., Richmond; owner, G. S. Tandy, 719 6th St., Richmond.
DWELLING, one-story frame, $8000; View St., bet. 36th and 37th Sts., Richmond; owner, E. J. Burg, 23rd and Macdonald Ave., Richmond; contractor, Tandy & Thies, 719 6th St., Richmond.

BUILDING CONTRACTS

MARIN COUNTY

ADDITION to dwelling, $1000; Miller Ave., Mill Valley; owner, Fred Whorff.
ADDITION to house and garage, $2000; Hillside Ave., Mill Valley; owkner, Dr. Annie Lyle.
DWELLING, $1250; Millside Lane, Mill Valley; owner, Paul Stinchfield.
DWELLING, $2000; Janes St., Mill Valley; owner, Frank Campbell.
DWELLING, $2000; Cascade Drive, Mill Valley; owner, Jos. Smith.
DWELLING, $2500; Alcatraz Place, Mill Valley; owner, Lucille Quedens.
DWELLING, $3000; Oakdale Ave., Mill Valley; owner, A. O. Roseveare.
DWELLING, $3000; Forest Ave., Mill Valley; owner, L. R. Hemingway.
DWELLING, $3000; Eldridge St., Mill Valley; owner, Capt. Jas. Diherty.
DWELLING, $4300; Blithedale Ave., Mill Valley; owner, Lucius J. Cole.
DWELLING, $4500; Sunnyside Ave., Mill Valley; owner, Capt. E. H. Sandelin.
DWELLING, $5100; Tamalpais Ave., Mill Valley; owner, A. M. Gilbert.
DWELLING, $2500; Bigelow Ave., Mill Valley; owner, Kenneth Jones.

Larsen Construction Reports

Issued every business day of the year. Furnishes advance information on work projected and contracts awarded for all classes of building, street, sewer and highway projects, bridges, dams and harbor works, machinery, etc. Send for rates in your territory, advising class of work in which you are interested.

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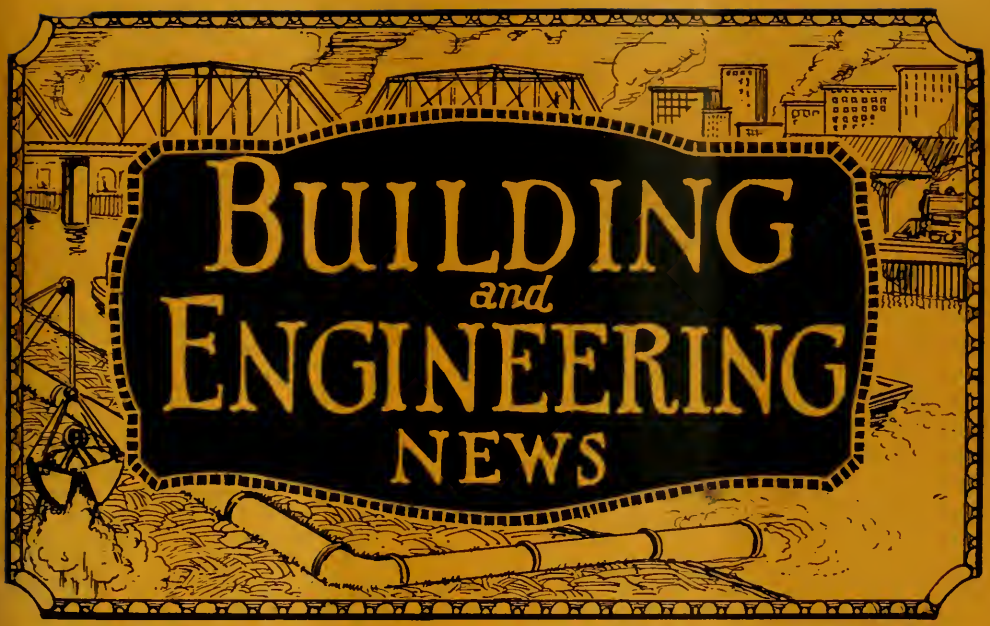

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Published Every Saturday
Twenty-third Year No. 21

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San Francisco Los Angeles

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

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RAILROAD CONTRACT LET

The Utah Construction Company, Phelan Building, San Francisco, on a bid of approximately $6,000,000 has been awarded a contract by the Southern Pacific of Mexico Railway for grading and tunnel work on the 82-mile gap on the 110-mile right-of-way to be constructed between Tepic and La Quemada, Mexico. The contract involves the construction of the entire line with the exception of a 10-mile stretch immediately south of Tepic, which unit was awarded to Twohy Bros., of Phoenix, Arizona. A short stretch from La Quemada north of the mountains was awarded another firm. Rails will be laid by the railroad company. The contract of the Utah Construction Company involves the moving of 3,000,000 yards of earth and rock, the construction of approximately 26,000 lineal feet of tunnels and the erection of steel bridges involving 11,000,000 pounds of steel.

Due to rush orders and lack of men, the Weed Lumber Company, operating in Siskiyou County, is working twelve hours a day in the Weed factory, there being a four-hour overtime shift from 6 to 10 o'clock at night. This overtime probably will be worked two nights a week for some time.

CALIFORNIA NOW LEADS IN ASPHALT ROADS

A statement compiled from the public records of the five Pacific Coast states—California, Oregon, Washington Nevada and Arizona—shows that California laid more than twice as much pavement during 1922 as all four of the other states combined. Contracts were awarded for a total of 164,754,852 square feet, 109, 192, 174 square feet of which was within the State of California.

The asphaltic types of pavement were well in the lead, representing 66.7 per cent of the total for the five states. Seventy-eight per cent of California's new pavements were of the asphalt types. This is by far the biggest year on record in that territory for pavements using asphalt in their construction.

Asphaltic concrete pavements have been laid on the Pacific coast since 1894, and the steady increase in their construction each year over the previous year is due to the unparalleled record for durability and low maintenance demonstrated by this type. One notable feature in reviewing the last year's record is that the cities and counties which have laid asphaltic concrete in the past and which have had an opportunity closely to observe its durability, are specifying asphaltic concrete for new pavements. This seems to indicate that the tremendous increase during 1922 has not been due to a temporary rush to a new and experimental type, but rather to records demonstrated by a tried and proven pavement.

The gains in asphaltic concrete surfacing on various types of bases and in asphalt and oil macadam pavements are even greater than those shown in asphaltic concrete. The total area of pavements laid in 1922, in which asphalt was used in the construction amounts to 107,773,079 square feet. If stretched out in a sixteen foot highway this would extend for 1290 miles.

California now has 44,775 miles of improved roads, according to a census compiled by the United States Bureau of Public Roads. Of this mileage a total of 1,789 miles are now of the bituminous types—sheet asphalt, bituminous macadam and asphaltic concrete. There are 1,355 miles of surface treated macadam, 30,499 miles of graded and drained roads, 249 miles of sand clay, 7,087 of gravel, chert and shale and 533 miles of water bound macadam. The total road mileage for the state is now 75,889 miles compared to 61,039 miles in 1914.

HOME SHORTAGE STILL EXISTS, IS STRAUS REPORT

April building permit reports for the United States presented a complex situation. On the whole they tended to indicate the advent of a more conservative rate of progress for the future. The improved outlook was welcomed by all substantial interests, who realize that many parts of the country are still underbuilt and that necessary building must proceed steadily for a long period and upon a reasonable cost basis.

Two recent developments clarified the atmosphere of threatened over-expansion. Frame construction in the suburbs of the larger cities reached and passed its peak and an enormous amount of federal, state, municipal and private construction was temporarily deferred. Both of these should tend to relieve the pressure on available building labor. The postponement of extensive public and private projects will also give the building industry a strong reserve for future development.

Recent surveys of large cities made by S. W. Straus & Co. show that in nearly every section of the country a shortage of residential and industrial structures still exists. In few cities has housing supply caught up with demand, and nowhere is contemplated residential building reported as equal to near future requirements.

In 284 cities and towns, April permits totaled $350,957,792. In 262 cities, comparable with April 1922 and March 1923, permits totaled $344,520,105. This sum compared with $220,409,628 in April 1922, and with $409,726,572 in March 1923, a gain of 56 per cent over April 1922 and a decrease of 16 per cent from March 1923.

Among the same 262 cities, 191 showed an increase over April 1922 and 71 showed a loss; while 156 showed an increase over March 1923, and 106 showed a decrease.

San Jose has been selected as the 1924 convention city for the California Building and Loan League. The 1923 convention was held in Los Angeles.

NOTICE TO SUBSCRIBERS

Commencing with the June 2nd issue the subscription price of The Building and Engineering News will be advanced to $5.00 a year. Renewals and new subscriptions will be accepted at the $4.00 a year rate provided payment is made prior to June 2nd.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

The Los Angeles Lumber Products Company which recently purchased the Kroyers Motor plant in Stockton, has filed a certified copy of its articles of incorporation in that city. The company, amount other things, is organized for the purchase of manufacturing paper, pulp and wood products. Los Angeles is the principal place of business. The company was organized June 1, 1922, with a capitalization of $10,000,000. Directors are: Fred L. Baker, Erle M. Leaf, R. J. Dillon, S. M. Haskins, L. L. Otis and Richard L. North of Los Angeles and F. L. Buckley of Vancouver.

Within the last two years the railroads have reduced their operating expenses $70,000,000 a month and in January and February of this year they were $48,000,000 less than in the same months of 1920, under government operation, although the railroads this year are paying higher average wages, higher prices for coal and hauling more business than under government control. These figures have just been made public in an editorial of the current issue of the "Railway Age" replying to criticisms of efficiency of private operation of railways voiced by Senator James Couzens of Michigan.

Los Angeles building activities are keeping up the pace set earlier in the month and the total for May will be considerably greater than that for April if it does not set a new high record. Up to and including the 15th, the number of permits issued by the city building department was 2776 and the estimated valuation was $9,264,208. For the corresponding period in April the number of permits was 2706 and the estimated valuation was $8,000,928. The total for May includes one major project, a 13-story reinforced concrete apartment house, estimated to cost $900,000. The total for the year to May 15, was $69,152,066.

Building permits issued in Seattle, Wash., for the first four months of this year total approximately $800,000 more than those for the same period of 1922, a record year. Figures for the past four months as compared with those of 1922 follow:

	1923	1922
January	$1,045,968	$1,806,200
February	2,091,380	611,635
March	1,362,985	1,791,670
April	2,141,385	1,632,175
Total	$6,641,713	$5,841,680

The King Sash, Door & Lumber Co., of Spokane ,Wash., will construct a mill in the Inland Empire, according to Jas. J. King, president and manager. The company recently sold its sawmill at Penrith, Wash., to J. H. Sexsmith, who plans to move it to Somers, Mont., where he has 15,000,000 feet of timber. The King plant has cut more than 30,000,000 feet in the 17 years it was located at Penrith. The timber holdings there were recently sawed out.

The University of California has arranged with the Pelton Water Wheel Co. for a 30 H. P. impulse turbine to be installed in the hydraulic laboratory of the College of Mechanics at Berkeley.

A ten to twenty cents an hour wage increase for fourteen open shop building trades is announced in Chicago by the Associated Builders' and the Construction Employers Association of that city. The scale becomes effective June 1, the expiration of the Landis award. Trades affected include plumbers, carpenters, cement finishers, hoisting engineers, fixture-hangers, gas fitters, hoisting laborers, roofers, sheet metal workers, terrazzo mechanics, laborers and caisson niggerhead men and diggers.

A new 365-foot continuous process kiln that will do the work of seven or eight old style kilns and will save 50% on fuel, is being installed at the pottery plant of the Gladding, McBean Company of San Francisco at the plant in Lincoln, Placer County. The new kiln will be used principally for the burning of roofing tile. The work of constructing the kiln is employing fifteen brick masons under the direction of Engineer H. W. Webber of St. Louis.

A wholesale tie-up of building construction in Greater New York is threatened June 1. Forty-four of the seventy-seven locals in the old Building Trades Council having approved a general strike on that date unless granted wage increases. The action precipitated a crisis among construction circles, which have already witnessed the postponement of $100,000,000 worth of building because of high material and labor costs.

Purchase of the steamer Lake Cayugo by E. V. Wintermote, the Tidewater Mill Company of Tacoma and the Paramino Lumber Company of San Francisco, is announced. The steamer will carry lumber between Tacoma and California points. The name of the vessel will be changed to the Dorothy Wintermote. It has a carrying capacity of 1,800,000 feet of lumber, is 251 feet long and has a speed of 10½ knots.

Thousands of dollars' worth of State owned machinery abandoned more than a year ago along the east levees of the Sutter by-pass in Sutter county has been discovered and will be put under cover at once, according to a report filed by A. J. Clausen, machinery expert with the State Reclamation Board. The report says the machinery had been exposed to the elements and had probably depreciated 20 per cent since it has been abandoned.

The Ferro Paint & Pigment Company, operating a plant on the beach between Watsonville and Aptos, Santa Cruz County, producing red oxide of iron from the iron sands of the beach, has received an order from an Eastern house calling for five carloads of the product a month. Additional equipment will be installed in the plant to permit the mixing of other colors besides the red.

Oroville Lumber Company with headquarters at Oroville, Calif., has decided not to enter the Marysville field and has withdrawn an application filed with the Marysville city council to establish yards in that city.

ALONG THE LINE

For the first month since the business recovery began last fall in the fabricated steel industry, April sales showed a slump, according to figures announced by the Department of Commerce. Statistics for the month show sales of 176,954 tons, amounting to only 80 per cent of shop capacity, as against 95 per cent for March and 88 per cent for April a year ago.

Articles of incorporation for the Republic Steel Package Company of California have been filed at Richmond, the principal place of business. The company is capitalized at $400,000. Directors are: J. L. Blake, S. B. Merry, H. H. Nylander and C. C. Kratzer, all of Richmond, and E. M. Downer of Pinole.

The Dollar interests have acquired controlling interest in the Portland Lumber Co., located on the upper harbor and in the timber holdings of the firm in Linn and Lane counties. The mill, which has a capacity of 250,000 feet per day, will be completely overhauled and placed in operation for cutting lumber for export.

Architect Walter C. Falch, Hearst Bldg., is preparing plans for a two-story frame and stucco residence and garage to be erected in St. Francis Wood. It will contann ten rooms and is estimated to cost, $16,000.

Wm. J. Hamilton, chairman of the Alameda County Board of Supervisors, urges a bond issue to finance construction of a new county courthouse and hall of records building.

Lynn S. Atkinson, Sr., prominent Southern California contractor, died at Santa Monica, May 15, following a long illness. He was 58 years of age and had resided in the Southern California section for fourteen years.

Arrangements are being made by the Vallejo Brick Works, with a plant at Vallejo, to increase the daily capacity from thirty to forty thousand bricks. Three additional kilns have been added an machinery overhauled.

A $300,000 hotel project in Petaluma was temporarily halted due to a dispute of workmen over wages on grading work. Late reports say the job is proceeding with non-union labor.

The Stockton Realty Association has appointed a committee to conduct a thorough investigation "as to the very high cost of building materials in Stockton, as compared with other cities."

John S. Chambers, of Sacramento, has been appointed a member of the California State Immigration and Housing Commission.

G. H. Ward has disposed of his interests in the Ward Lumber Company operating at Modesto.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

PLASTERERS IN SOUTH RE-ORGANIZE

A reorganization of the Contracting Plasterers' Association of Southern California has been effected and it is now working in co-operation with the Art Stone and Staff Contractors' Association of Southern California recently formed. The Contracting Plasterers' Association now has about 50 members. George Pedgrift is president; Jack Ridge, vice-president and J. N. Ritchie, treasurer.

Eighteen of the leading art stone and staff contractors of Los Angeles are enrolled in the organization of that craft. W. Watkins is president; Phillip Tomasello, vice-president and J. Ricker, treasurer.

R. W. Stratford is secretary of both these organizations, taking the place of J. R. Coffman who resigned as secretary of the plasterers' association, April 1. Mr. Stratford was formerly one of the field men of the Builders' Exchange of Los Angeles and did splendid work in the membership drive of that organization. He took the initiative in forming the Art Stone and Staff Contractors' Association.

At a recent meeting of the plastering contractors' association it was decided that the association would demand in the interests of better plastering: First, 3-penny fine shall be the minimum in weight for lath nails. Second, no diagonal lathing; all lath must be applied at right angles to studding.

REVISED ESTIMATING BOOK

The U. P. C. Book Company, Inc., 239 West 39th St., New York City, has issued the 1923 edition of "Joslin's Estimating the Cost of Buildings." The book is of particular interest at this time as it presents a thorough and clear system for figuring the actual cost of all kinds of residential work and schools, banks, hospitals and other public buildings of moderate cost. The special forms which the author finds indispensable in keeping accurate record of time, material and tools in his system of executing building contracts are illustrated and their use explained. An excellent method of estimating alteration and remodeling with costs from jobs where careful records of expense were kept adds materially to the value of the book. There is a very live interest in the whole subject of quantity survey at present, and the added material in the revised edition will make it of particular interest at this time. The book sells at $2.50.

S. F. FIRM LOW ON HETCH HETCHY PIPE UNIT

The Western Pipe & Steel Co., 444 Market St., San Francisco, at approximately $2,231,661 submitted the lowest of four bids to the San Francisco Board of Public Works to construct the bay crossing division of the Hetch Hetchy pipe line. The estimate of City Engineer M. M. O'Shaughnessy for the project was $2,700,000. The contract will probably be awarded the Western Company.

Other bids received were: Moore Drydock Co., $3,225,396; R. C. Storrie & Co., $3,226,305 and Bethlehem Shipbuilding Co., $2,450,115, all San Francisco firms.

L. A. SECTION, A. S. C. E.

At the May 9th meeting of the Los Angeles Section, American Society of Civil Engineers, held in the University Club, resolutions were adopted urging Governor Richardson to veto Assembly bills No. 147, by Mr. Pomeroy, regulating the discharge of sewage into the ocean, and Nos. 190 and 191, by Mr. Pomeroy, the former creating the "Los Angeles Metropolitan Sewerage District," and the latter placing the control of sewerage outside of cities entirely in the hands of county supervisors. President Charles H. Treat of the Los Angeles board of public Works explained that these measures would hamper Los Angeles and other cities in programs for construction of sewerage works. All three bills are now in the hands of the governor having been passed by the legislature.

A proposed new building ordinance for Los Angeles, submitted by E. W. Cunningham, was referred to the building code committee composed of Blaine Noice, R. P. Miller and A. J. Werner.

A committee composed of L. C. Hill, T. D. Allin and F. G. Dessery, was appointed to meet with officers of the proposed Central Metropolitan Sanitary district and assist in outlining the engineering features for the proposed district.

Leon T. Eliel delivered the address of the evening, his topic being "Contour Mapping by Aerial Photography." Charts, diagrams and lantern slides were used to demonstrate the technical side of a new method of aerial photography called "Aeroconnaissance."

NEW SECRETARY

William Howe, former City Clerk of San Jose, and well known throughout Santa Clara County, has been appointed secretary of the Santa Clara County Builders' Exchange, succeeding R. Kooser, who is retiring to enter another line of business. Headquarters of the Exchange is located in San Jose.

NAPA BUILDERS ORGANIZE

The Napa County Builders' Exchange has been organized and will maintain headquarters at Napa. Contractors and materialmen of Napa, St. Helena and Calistoga comprise the organization whose main object shall be "to at all times maintain a just and equitable system of dealing to encourage the development of the building industry."

SACRAMENTO BUILDERS' EXHIBIT HEADS BETTER HOMES PLAN

The Sacramento Builders' Free Exhibit, 910 Ninth Street, Sacramento, will take an active part in "Better Homes Week" in that city. Miss Geneva Watson, owner of the exhibit, is general chairman of the National Better Homes Week in Sacramento and is completing preliminary arrangements to make June 1st to the 10th period a huge success. The Women's Bureau of the Chamber of Commerce is co-operating with Miss Watson who plans a series of demonstrations in the exhibit quarters. Arrangements have been made with Sacramento firms to furnish a complete nursery at the exhibit where the Red Cross will give demonstrations on the proper care of children together with other items of interest.

HIGHWAY BUILDING WAGE IS BLOW TO LUMBER TRADE

Washington advices state that following several weeks of declining volume of new business, the saw mills reporting to the National Lumber Manufacturers' Association recorded a decrease of about 25,000,000 feet in orders last week, as compared with the preceding week, due, in part, to fewer mills reporting. Shipments fell off by 32,000,000 feet and production by 26,000,000.

Taken in connection with the fact that, as compared with the same week of 1922, new business again shows a decrease, the question is raised in some quarters as to whether the so-called builders' and buyers' strike against increasing labor costs has not temporarily checked the building movement. Shipments are slightly larger than at this time last year and production is much larger. In consequence of the emphasis that has been placed on ample production and facilititated shipments, accumulated orders for 1923 to date are less than 600,000,000 feet in excess of production and less than 200,000,000 feet more than shipments.

GAS FIXTURE MEN ELECT

The dinner meeting of the Gas Appliance Society of the San Jose district was held May 17 at the Hotel Montgomery, San Jose. Officers for the ensuing year were elected as follows: Geo. C. Glans, president; Stanley W. Sprung, vice president; Archille R. Albouze, secretary-treasurer. Directors elected are: Walter Trinkler, George Riley, Chas. A. Merritt, J. P. Jones, of San Jose; A. W. Templeman, of Los Gatos; Walter Doust, of Mountain View; C. H. Whitman, of Campbell and Robert Menzel of Santa Clara.

The organization is made up of dealers, jobbers, manufacturers of gas appliances and employes of gas companies. To date the membership totals over 100 and includes the communities of San Jose, Mountain View, Los Gatos, Santa Clara, Campbell and Mayfield.

The purpose of the organization is to promote the use and manufacture of high grade gas consuming appliances of various kinds.

GERMANY'S LUMBER TRADE IS SLOWER

In common with almost all of Germany's industrial undertakings, the lumber business has undergone many changes of late and has suffered in no small degree from adverse conditions of supply, monetary uncertainties, decreased building activities and high import prices, according to the Department of Commerce. With the conclusion of the war foreign countries were offering high prices for lumber and German dealers were prompt to take advantage of this. Council E. Y. Richardson, Berlin, reports that they soon created an export trade of so considerable volume that the Government, recognizing the danger to German industry of heavy depletion of native lumber supplies, stepped in and by control measures put a stop to indiscriminate exporting. It is found that in 1922 the entire timber import was 46 per cent of 1913 and the entire timber export was 33 per cent of 1913.

The Voluntary Setting-Up of Quality Standards in Commodity Production*

By F. W. KELLEY, President Portland Cement Association

Quality standards are essential for the free interchange of commodities in commerce beyond the stage of first hand transactions in which personal observation and opinion govern. Progress in civilization is measured by commerce. Standards are at the base of civilization.

Standards of time, space, weight, value and conduct are as old as history. They are so much a part of the environment into which each generation is born that there is no conscious recognition of a period when they did not exist, any more than in the case of the air we breath. But all these standards had to be determined and established. Probably the first generally recognized minimum quality standard was that of conduct, and it is to be presumed that at first it was not voluntarily assumed as it is today.

Every thinking man must recognize the necessity for standards and the desirability of providing recognized standards in almost every line of industry. There are in each industry, however, the practical questions—what should the standards be; how should they be determined; how can their general acceptance be best accomplished?

There are at least twenty industries in which nation-wide quality standardization has been undertaken to a greater or less degree. The one with which I am most familiar is the Portland Cement industry, which has a voluntarily established quality standard accepted throughout the United States.

Each industry has its special conditions and special problems but I believe the same principles apply to quality standardization in all industries, and that properly worked out, favorable results in them all will follow. The experience of the Portland Cement industry may therefore be useful to other industries, and I hope you will bear with me while I bring out a few facts which will show why a nation-wide standard was essential, and will make clear how it was established.

Portland Cement Industry

Portland cement, as is well-known, is a powder which when mixed with water and sand, broken stone, or other aggregate, gradually hardens and binds the mass together in a solid stone known as concrete.

Portland cement was discovered and patented in England ninety-nine years ago. Its manufacture was carried on principally in England, France, and Germany until about 1872 when its production was begun in a small way in the United States. The average annual production in the United States in the '70's was about 9000 barrels. It had grown to a little over a half million barrels in 1892; to about seventeen million barrels in 1902; and to nearly 115,000,000 barrels in 1922. Estimates just made public by the U. S. Geological Survey give the estimated productive capacity of the United States as 146,500,000 barrels annually.

The manufacture of cement is an exact chemical-mechanical process in which natural raw materials are ground and mixed; combined at a white heat to form a new artificial material called clinker, which is again ground to a finished product. The process is exactly controlled technically; uses large quantities of fuel and power; has large plant investment and slow capital turnover. Manufacturers must rely upon a large volume of business to make profits on this heavy commodity which is of limited shipping radius, and which sells at a pound price lower than any other highly manufactured arfticle.

Portland cement when completely manufactured and ready for the consumer, is in its relation of usefulness to the community, a means and not an end. Its useful end is that of an essential ingredient in making concrete.

Concrete has a wide use because of its adaptability; of the ease with which it can be handled and formed into manifold structures; and of its qualities of permanence, fire-proofness and artistic appearance.

Cement, unlike many commodities, is not consumed. A concrete structure properly made has a permanent asset value. Full realization of this asset value, continued demand for cement, and the prosperity of the industry, depend upon right quality cement and right quality concrete.

Any body anywhere may attempt to make concrete and the results reflect for all time the materials and methods used in the first few hours of its history. It is essential to all interests that the user of cement make good concrete.

Factors in Cement Industry

The work of the Portland Cement Association, organized in 1902, which is a recognization of this mutuality of interest between cement user and manufacturer, it is so closely bound up in the development of the industry that it must be here mentioned.

The Portland Cement Association is a national organization of cement manufacturers whose aim is to increase the knowledge, utility, and use of portland cement through scientific investigation, public education and national promotion.

It "sells" the use of cement, but not the commodity. Hence it is not concerned with prices nor other trading relations between its members and their customers.

It performs only such functions as cannot as well if all be performed by its members individually.

It undertakes only such activities as are for the common good and whose benefits when utilized, flow alike to all contributing members.

Its conduct is jealously guarded and made to scrupulously conform in all respects to the highest conception of commercial morality and the strictest interpretation of the law.

It is much concerned with the quality of cement marketed by its members, since a poor quality cement furnished by any member would reflect upon the industry, decrease the use of cement, and hence injure every member.

The Association has been especially concerned not only with right quality cement, but with learning how to use cement right, and with making this information universally known. It maintains a research laboratory and field forces for these special purposes. When it is realized than an apparently simple matter like the quality of water used in mixing concrete may make the difference between good and bad results, the need for this service work may be appreciated.

Mention should also be made of the American Society for Testing Materials, organized in 1902 "for the Promotion of Knowledge of the Materials on Engineering and the Standardization of Specifications and the Methods of Testing."

Its members are both producers and consumers familiar with the matters covered. Specifications are formulated and adopted under carefully prepared rules or procedure insuring to the highest degree, sound unbiased results.

Important factors in the situation are the Bureau of Standards of the U. S. Department of Commerce, with its group of trained experts and extensive laboratory equipment, and the several Engineering Societies to be hereafter mentioned.

Development of Specifications

With this background of conditions and factors affecting the industry we can now more intelligently trace the development of quality standards for cement.

In the early years when the industry in this country was small, its quality standards were imported. As the industry developed, the American Society of Civil Engineers undertook to formulate a uniform method of tests for cement, and from 1885 to 1903 this was considered the most reliable guide to a proper method of procedure.

In this period, many engineers and architects seemed to feel, perhaps to avoid reflection upon their professional skill and progressiveness, that it was necessary to add to an old cement specification, some new requirement on each new job. A compilation of ninety-one cement specifications made in 1898 by Mr. R. W. Lesley, who later became first President of the Portland Cement Association, showed that scarcely two were alike. In many cases, the specification requirements were contradictory, and if strictly followed, would sometimes impair the quality of the cement. The result was endless annoyance, confusion, delay, and difficulty for the consumer and manufacturer alike. A standard specification was becoming a necessity.

The American Society for Testing Materials, took the lead in supplementing the investigations of the American Society of Civil Engineers and in 1904 the first American Society for Testing Materials supecification for cement was adopted. The American Railway Engineering Association, American Institute of Architects, the United States Bureau of Standards, the U. S. Government Engineers, and the Portland Cement Association, as well as the American Society for Testing Materials and the American Society of Civil Engineers continued to study and to modify cement specifications and methods of tests sometimes within their respective organizations, and sometimes through joint committees.

The method of the American Society for Testing Materials was unique in that its committee on Cement Specifications represented engineers, architects and other consumers who were always a majority, as well as producers, who were always a minority, this brought to bear upon the specification requirements a knowledge not only of the needs, but also of the possi-

*Read before the Fabricated Production Group, U. S. Chamber of Commerce, New York, May 8, 1923.

bilities. Specifications made under these conditions are much more apt to be well balanced and useful, than if made from one point of view only.

Adoption of Specifications

The final revision of the cement specification was unique also, because its requirements were subjected to the most careful laboratory research and checked with experience in the field. The substitution of the facts of research, for unsupported opinion, had its logical effect in reconciling views of men with engineering training. A single standard cement specification became an accomplished fact and was recognized by all established organizations in the United States in 1921. This was adopted on March 31, 1922, by the American Engineering Standards Committee as its specification Number One.

As the Standard Cement Specifications were developed, much work was required to secure their general use. Engineers who for twenty years had been active in the engineering societies which formulated and later adopted the specifications, readily accepted them. Others not so familiar with the progress made, continued to use their own specifications until the mass of data and authority back of the standard specification was brought to their attention, when they generally were glad to join in establishing a single standard, the advantage of which they at once recognized.

Neither did all producers at once take up the specifications as developed. In the early days of the industry, blended and adulterated cements were sold under many brands. Membership in the Portland Cement Association was later open only to those making true portland cement.

Producers in some cases were reluctant to give up making cement to conform to certain special specifications because of a supposed advantage in marketing thus obtained by them.

The research work and tests made in establishing the standard specifications showed, however, that the existing variations from the standard were without economic value to the consumer. The general adoption of the standard specification by the engineer and consumer decreased the demand for cement made to special specifications, but it should be accounted a credit to these producers that they were willing to cut out the "bunk" so frequently used in selling, and provided a product having known and tried qualities and value.

On June 28, 1922, the Portland Cement Association, representing a large part of the manufacturers of portland cement in the United States, adopted a By-law making membership in the Association contingent upon members product meeting the requirements of the standard specification.

Features of Specifications

At the present time, the standard specification for cement is almost universally used in this country. Thus we now have a nation-wide quality standard for portland cement voluntarily accepted by both consumers and producers. It is the highest standard for cement in the world and has had an important effect in promoting, extending, and improving the use of concrete in this country.

The Standard Cement Specifications established in most essential particulars minimum requirements, thus encouraging improvement. A quality standard must be responsive to changes demanded by new conditions in use or in production.

The Cement Committee of the American Society for Testing Materials is charged with the duty of studying proposed improvements in the cement specifications. Each suggestion is carefully tested and weighed, for in a material of such fundamental importance there must be certainty that changes are improvements. Laboratory practice has now reached a point where it is possible to determine this with a high degree of accuracy and laboratory results can always be supplemented by field tests.

Advantages of Single Standard

The working out of this situation and establishment of a single standard quality specification for cement has had, and must continue to have, many advantages for consumers, producers, and the community as a whole.

The engineer and designer can rely upon getting anywhere the standard quality cement contemplated by the plans.

Concrete can be designed of definite strength and quality.

Simple rules have been made by which even the inexperienced can with care get good concrete.

Greater efficiency in production has been made possible through continued operation on a standard product.

A standard product can always be kept in stock ready for use.

Wider production of cement has been made possible by eliminating unnecessary limitations on raw materials. In 1922 cement was produced in 118 plants in 27 states, compared with 65 plants in 19 states in 1902.

Nearness of production to markets has followed wider production. When it is known that the freight charges on a barrel of cement for an average 100 mile haul, are about 30% of the average mill price per barrel for the last three years reported by the U. S. Geological Survey, the importance of this will be appreciated.

Each standard established makes easier the establishment of other standards. The establishment of the cement specification makes easier the establishment of a specification for concrete. In the concrete specification now in process of formation, the cement specification and specifications for twelve other materials or methods entering into the making of concrete, are included.

Better and cheaper concrete structures are the net result.

Conclusion

The Bureau of Standards deserves the very highest credit for the sturdy support and valuable assistance it has given to all cement standardization work. The industries of this country will do well to become familiar with and utilize its facilities and knowledge readily placed at their disposal. The opportunity offered by the American Society for Testing Materials for cooperative work on specifications within its field, is worthy of attention.

Industries which have not already established standards may well consider carefully the advantage of determining standard specification requirements through voluntary action by consumers and producers, rather than wait for a specification determined by some outside authority to be imposed upon them.

The principle underlying this standardization is that underlying all progress—the movement from the indefinite to the definite. The trend is certain. To voluntarily accelerate progress in the direction it will inevitably take, is the part of wisdom.

REGARD TIMBER AS CROP, SAYS GOVERNMENT

Whether timber is to be mined from our forests, without thought of replacement, like coal from our hills, or whether it is to be considered as a crop to be harvested and grown like other farm crops is the main theme of an article in the 1922 Yearbook of the United States Department of Agriculture, entitled "Timber: Mine or Crop."

The article discusses very thoroughly the problems now confronting the country as a result of the lack of a forestry policy and the resulting depletion of the Nation's forests by logging operations and fire.

Nearly half the land area of the United States, some 822,000,000 acres, was originally forested, says the article, but the forested area has now been reduced to 138,000,000 acres of virgin forest, 250,000,000 acres of comparatively inferior culled and second growth, and 81,000,000 acres of barren land, a total of slightly less than 470,000,000 acres.

"Largely through timber mining," it continues, "the original stand of timber has been reduced from more than 5,200 billon feet of virgin timber to 1,600 billion feet of virgin timber and 600 billion feet additional in culled and second-growth stands.

"Seventy-five per cent of the remaining virgin timber is west of the Great Plains, and more than 50 per cent of all our remaining saw timber is in the three Pacific Coast States, while nearly half of the timber cut is consumed in the region east of the Mississippi River and north of the Ohio and Potomas Rivers. Lumber producing and consuming centers are so far apart that we pay $250,000,000 annually in lumber freight."

The article traces the shifting of the timber industry from the East to the Middle West and South, and then to the West. The necessity for vigorous reforestation and for the conservation of our remaining forests is emphasized since, according to the article, the available timber supply of the United States is being consumed about four times as fast as it is being replaced.

LOS ANGELES FOURTH IN U. S. BUILDING FOR APRIL

Los Angeles was fourth among the cities of the U. S. in building for the month of April, 1923, Philadelphia, with a total of nearly twenty millions, landing in third place. Chicago for the first time in years led New York City in building. Construction in New York City has been greatly stimulated during the last two years by exemption from taxation of housing up to a valuation of $5000 for each dwelling or apartment. Uncertainty as to whether the operation of this law would be extended beyond April 1 caused a rush during March to secure permits for prospective buildings, with the result that the enormous total of $149,317,834 for March slumped off to $35,152,996 for April, while Chicago's building total jumped to $61,814,965 for April.

San Francisco was ninth among the cities of the country in building, Portland was twenty-third, while Long Beach was twenty-fourth and Oakland twenty-eighth.

In point of valuation building for April did not hold up to March. For the former month 200 cities reported 81,218 permits issued with a total estimated valuation of $330,581,862. For March 200 cities reported 70,391 permits with an estimated valuation of $397,404,373, showing a loss for April of $66,822,511. As the slump in New York City alone for April, as compared with March, was $114,164,833, it is apparent that leaving the metropolis out of consideration, building for April was far ahead of that for the previous month. April made a good showing in comparison with the same month in 1922, when 67,087 permits with an estimated valuation of $210,547,174 were issued by 200 cities.

Fifty-six cities reported building in excess of a million dollars for April, 1923, as compared with 52 in the same class for March.

Mixon, Highway Commission Secretary, Tells of Forty Million Dollar Expenditure

By W. F. Mixon, Secretary, California Highway Commission.

One of the most pronounced traits of human character is that every individual, group of individuals, or political subdivision, is obsessed with the thought that the other individual, the other political subdivision, is always "getting the best of it."

It is this human characteristic which is causing the California highway commission more "grief" than any other one thing.

The people in the north are absolutely certain, in their own minds that the south has had more than its share, in the expenditure of state funds for highway buildings and equally positive are the people of the south that the north has had more than rightfully belongs to it.

The people of the two sections seemingly, by common consent, have fixed an arbitrary line in the state, above and below which a certain percentage of road funds should be spent. Below this line are located 13 counties, to which the arbitrary allotment of 36 per cent of the total funds have been allocated; above the line the remaining 64 per cent. This arbitrary division of funds comes about, no doubt, by the fact that the 1919 bond election of 40 million dollars happened to carry in the budget 36 per cent to the 13 counties south of the arbitrary line, and 64 per cent to the 45 counties north of this line.

Regard State As Whole

The California highway commission is not in sympathy with such an arbitrary division. The commission looks at the state as a whole, and considers that the best interests of the people of California would be conserved by the construction of a complete highway system, without any particular reference to a smaller political subdivision than the whole of California. However, the commission is willing to work by this plan of division as far as possible, so long as it does not interfere with the finally completed plan of the highway system.

If any discrepancies in expenditures exist, or may occur in the future, because of any one project, it will be balanced by another project in due course of time in another section of the state.

This is a well understood policy of the commission, among the members thereof and those connected therewith in an official capacity.

That the people of the two sections of the state earnestly believe that they have been neglected for the benefit of the other section is illuminated by the number of resolutions coming to the commission from various civic bodies, stating with all the "whereas" and "therefores" possible, that this is their opinion.

To determine exactly and authentically just how the funds have been expended, the commission has caused, at the expense of much time a tabulated statement to be made, showing the expenditures of the 40 million dollar bond issue.

It is rather interesting to note that in the lapse of years, and with all the efforts which have been made from all sections of the state to gain the best advantage, the total expenditures to date have been almost exactly 36 per cent in the 13 southern counties and 64 per cent in the 45 northern counties.

Expenditures Shown

To visualize the expenditures in dollars and cents, the following figures are given to bear out the statement made above. The 40 million dollar bond issue of 1919 has been supplemented since that date by additional funds other than Federal and there had become available for expenditure on budgeted roads on March 31 last $41,804,212.32, on the basis of a division of 64 and 36% the 45 northern counties should have expended, when the fund is completely exhausted, the sum of $26,754,695.88, and the 13 southern counties should have expended the sum of $15,049,516.44.

The law provided that 20 million dollars of this fund should be spent on so called old roads, that is, roads in the 1909 and 1915 bond issues. Of this amount, $13,305,744.72 had been expended to March 31 last in the 45 northern counties, being 66 per cent of the total, and $6,975,485.10, being 34 per cent, had been expended in the 13 southern counties. The use of this fund was an avenue for the use of certain Federal aid funds and in the 45 northern counties there had been expended on the same date in Federal aid $2,571,027.04, being 56 per cent of the total amount of Federal aid expended and in the southern counties there had been expended $2,061,051.93, or 44 per cent of the total expenditure of Federal aid. The grand totals of these amounts are $15,876,771.76 in the north, or 64 per cent, and $9,036,537.03, or 36 per cent in the south, the percentages being exactly as indicated in the arbitrary division of funds.

Funds on New Roads

On the new roads, or those especially included in the project of the third highway bond election, there had been expended in the north from the fund $2,475,325.41, or 63 per cent of the expenditures. In the south, there had been expended $1,452,888.45, or 37 per cent of the total expenditures.

On the new roads in Federal aid, there had been expended in the 45 northern counties $473,137.55, or 67 per cent of the total Federal aid expenditure, and in the south $233,996.49, or 33 per cent of the total expenditures. Taking the totals of these expenditures, we find that $2,948,462.96, or 64 per cent of the total expenditures, have been expended in the 45 northern counties, and $1,686,884.94, or 36 per cent, has been expended in the 13 southern counties. Again we find that the percentage average is exactly that which is claimed in the arbitrary division.

Practically the same story is told by the records in the obligations now existing on going contracts. On the old roads, or the first and second bond issue roads, we find total obligations in the 45 northern counties of $2,107,423.07, or 68 per cent, and in the 13 southern counties, $997,460.65, or 32 per cent. In addition, on these projects there has been approved, as Federal aid, $1,770,201.66, or 80 per cent, to the 45 northern counties, and $446,954.33, or 20 per cent, to the 13 southern counties. The total on the old roads of state and Federal funds show obligations of $3,877,621.73, or 73 per cent, and $1,444,414.98, or 27 per cent.

On the new roads we find obligated to contracts in the 45 northern counties $3,590,489.62, or 66 per cent, and in the 13 southern counties $1,872,637.47, or 34 per cent. Federal aid, pledged to these new roads in the 45 northern counties, amounts to $626,427.46, or 64 per cent, and to the 13 southern counties $358,715.03, or 36 per cent.

Totals Compiled

Taking the totals of state and Federal aid on the projected road contracts, we find that the 45 northern counties have now obligated to themselves on roads under construction $4,216,917.08, or 65 per cent, and the 13 southern counties on going contracts $2,231,352.50, or 35 per cent, a difference of 1 per cent in favor of the northern counties from the arbitrary division.

Taking the available funds for new contracts, subject to approval by the commission, based upon the roads unofficially understood to be allocated to the budgeted funds, we find there is now available to the 45 northern counties $3,549,731.73, or 56 per cent of the remaining funds, and to the southern counties $2,780,180.27, or 44 per cent. To be added to this there will be available from Federal aid for the 45 northern counties $5,061,142.40, or 64 per cent of the whole, and $2,806,621.28, or 36 per cent of a federal aid balance of $7,867,736.68 available for allotment to new projects.

In order to absolutely balance the funds on the basis of 64 and 36 per cents to the two sections of the state, there would have to be expended on new contracts in the north $8,610,874.13 and in the south, $5,586,801.55.

SEEK STANDARD DIMENSIONS FOR FACE BRICK

At a preliminary meeting at the Department of Commerce between a committee of the American Face Brick Association; J. W. Ginder, Chairman, Specifications Committee of the Supervising Architect's Office, Treasury Department; A. L. Harris, American Institute of Architects, Washington, D. C.; Paul E. Holden, U. S. Chamber of Commerce, and R. M. Hudson of the Division of Simplified Practice, it was resolved that the Department of Commerce be asked to call a general conference consisting of representatives of face and common brick manufacturers, architects, contractors, builders, and Federal representatives some time during the week of June 18 to consider the adoption of the following standard dimensions for face brick: Rough face brick "approximately 8"x 2¼"x3¾", Smooth face brick "approximately 8"x2¼"x3⅞"."

R. M. Hudson, Acting Chief of the Division of Simplified Practice who conducted the meeting for the Department of Commerce said that a partial survey recently conducted by the American Face Brick Association showed that 167 plans throughout the United States manufactured 39 different sizes of rough brick during 1922, and that 141 plants manufactured smooth brick in 36 varieties. If the committee's recommendation is adopted at the coming conference but two sizes of brick will be made, thus eliminating at least 38 rough and 35 smooth brick varieties. Mr. Hudson estimated that from 80 to 90 per cent of the brick made in the United States is of the average dimensions covered in the recommendation.

TRADE NOTES

The California Tylite Company is completing the first unit of its 8-acre plant at Glendale, Calif. This unit will have a daily capacity of $30,000 Tylite concrete tile. Tylite is a new type of hollow concrete tile made in standard sizes of 5x8x12-ins., 5x8x10-ins., and 5x4x12-ins., the larger size taking the same space as six bricks. The tile, which is very light in weight compared with its size, is cured in a few days by steam baking, and is claimed to successfully resist water absorption, moisture and frost, laboratory tests giving it an absorption of less than 4% and carrying a sustaining load of 1500 lbs. per sq. in. The company has offices at 4707 Hollywood Boulevard, Los Angeles. Its officers are Frank H. Boettcher, president; Chas. H. Davies, vice-president and general manager; W. W. Charles, treasurer and G. C. Higbie, secretary.

Construction has been started on the first unit of the Detroit Steel Products Company plant in Emeryville, a suburb of Oakland. The work is being carried on under the supervision of H. F. Wathen, Pacific Coast manager of the Fenestra Construction Company, a subsidiary of the Detroit Steel Products Company, specializing in steel sash erection work. The Emeryville plant will manufacture Fenestra Steel Windo-Walls. Burleigh A. Lum has been appointed manager in charge of the Pacific Coast sales of the company with offices at 251 Kearny St., San Francisco. Lum was formerly director of western agents for the company, maintaining offices in Kansas City.

The plant, equipment and good will of the Majestic Electric Development Company, Folsom street between First and Second streets, San Francisco, has been taken over by the Majestic Electric Appliance Company, Inc., who will continue the manufacture of Majestic heaters and other appliances. The personnel of the Majestic Electric Appliance Company, Inc., is as follows: A. T. Burch, president; T. M. Simpson, vice president and general manager; H. H. Daley, sales manager and E. W. Botts, auditor.

The California Equipment & Supply Co., with main office at 205 N. Los Angeles St., Los Angeles, has been reorganized, Arthur M. Loeb retiring from the company. The business is now being carried on under the active and personal management of Charles M. Weinberg, who is secretary and treasurer of the new company.

Edw. R. Bacon Company's Southern California offices and salesroom are now located at 1910-20 Santa Fe Ave., Los Angeles, where the company has approximately 17,000 square feet with 120 feet frontage on Santa Fe avenue and a depth of 140 feet extending back to railway trackage. Special facilities have been provided for mounting hydraulic hoists and bodies on motor trucks.

Jos. W. Hays is completing the organization of a corps of consulting combustion engineers to be known as Jos. W. Hays and Associates. The headquarters of the organization will be Michigan City, Indiana.

American Plan Vindicated by Court Decision

"The speedy acquittal of the thirty-four building material dealers who had been prosecuted by the special high-priced attorneys employed by union labor, in the courts of San Francisco for declining to sell materials to contractors who would not support the American Plan, was more that a militant, local victory for one of the groups in an industrial controversy," declares a statement of the Industrial Association of San Francisco. "It was a victory so complete, and so nation-wide in its scope, that it should redound materially and permanently to the benefit of every community that seeks to free its industry from autocratic class control; to the ultimate good of all labor, union and non-union, as well as industry itself."

"At no time," continues the association's statement, "did these building material dealers resort to anything that increased the costs of building; and in all the long series of scintilla of evidence presented even suggested that any of the methods employed by them . fighting to keep the industry of the city free, had tended to interfere with competition or to restrain trade.

"The prosecution was simply union labor's attack upon the American Plan; and far from being sustained in its wild claims by the evidence adduced, its every venture was countered by evidence not alone refuting every claim of the prosecution, but also showing that the city had prospered tremendously under the American Plan — whose benefits had even flowed, in the form of steady work and high wages, to the very men whom the special prosecutors had claimed were aggrieved.

"The defense," says the association, "not only called no witnesses—resting its case after the introduction of documentary evidence showing the increase of building under the American Plan—but laid all its cards 'face up' upon the table, concealing absolutely nothing from the court and jury. It gave the prosecution full leeway—frankly admitting that the defendants had withheld materials from the enemies of the American Plan, but contending that this had aided the community and had been done with that end solely in view.

"Thus the prompt verdict of the trial jury, which had been impartially selected from the body of the city, clears the air of the miasma of charges circulated in an attempt to disparage the American Plan, and by upholding the doctrine that the general good of the whole community must be put above advantages to any one class, perpetuates the complete industrial freedom which San Francisco fought so long to obtain."

CLAY INDUSTRY EXPANDING IN IONE SECTION

That the clay industry is becoming a big item in the Ione section, is shown in a survey recently completed for the Amador County Chamber of Commerce by C. A. Logan, mining engineer for the California State Mining Bureau, which brings out the fact that thousands of acres of potential clay land in the Ione and Carbondale districts have never been thoroughly exploited, probably because the demand has not been great enough to cause anything but development in a small manner.

At the present time sixteen manufacturing companies are using clay from the Ione district. A broad-gauge railroad traverses the clay belt. Much of the material is handled by hand but recently a steam shovel was put to use.

In his report, Engineer Logan ,says: "The McKissick Cattel Campany owns the Arroyo Seco Rancho containing 33,000 acres in Ione-Carbondale lignite belt, and controls mining rights of several thousand acres. Much of this land is known to contain valuable clay deposits but has not been adequately developed.

The Newman Clay Company dig for white clay for pottery. The Livermore Pressed Brick Company has opened another pit on the J. M. Francher ranch to supply the company at Livermore.

The Ione Fire Brick Company made 20,000 bricks a day for eight months and the kilns have a capacity of 11,000 bricks a day. The product can easily find a market on the Pacific coast anywhere.

N Clark & Sons own 200 acres in the clay belt near Carbondale. The W. W. Carlile property near Ione contains a deposit of fine white clay and sand and is undeveloped.

Bacon & Bacon employ twenty-five men supplying a number of plants. The clay is made into pressed and fire brick, architectural terra cotta, building tiles, high grade pottery, sewer pipe, porcelain wearing glass.

On account of the impossibility of cempleting the Belgium sand the Philadelphia Quartz Company has ceased operations at the present time."

STATE CEMENT PLANT

By a vote of 21 to 16 the senate passed S. B. No. 54, by Mr. Murphy of San Francisco, authorizing the State of California to establish its own plant to manufacture cement. Provision for an appropriation of $750,000 in the original draft of the bill was eliminated. This practically nullifies the measure as there are no funds which can be drawn upon to build the proposed mill, if the financial situation of the state has been correctly represented by the administration. There is no probability, however, that the bill will become a law. If the measure passes with an appropriation, the governor cannot consistently withhold his veto. Those who believe there is a "cement combine" and who believe that prices of cement have been boosted exhorbitantly have a remedy, if they choose to use it, in the Cartwright antitrust law. The state is certain to make a mess of any attempt to engage in the manufacture of cement. It has plenty to do to apply business principles to the administration of public affairs without seeking new fields.—Southwest Builder.

230,000,000 POUNDS COPPER USED ANUALLY IN BUILDING

Consumption of copper in building construction is now at rate of 230,000,000 pounds a year, according to a survey just completed by the Copper and Brass Research Association. This compares with 1922 consumption of 150,000,000 pounds and 100,000,000 pounds in 1921.

Among other interesting data developed by this survey is 5,175,000,000 feet of leaders and gutters are now in use on residence buildings in this country and that 4,120,000 home-owners renewed rusted leaders and gutters last year. In making these replacements, 61,805,500 pounds of copper were consumed.

Estimated consumption for 1923 includes 90,171,900 pounds of copper for flashings, 83,235,600 pounds for leaders and gutters, and 7,605,000 pounds for cornices, store-fronts and the like.

Building News Section

APARTMENTS

Contract Awarded.
STORES & APTS. Cost—
MARYSVILLE, Yuba Co., Cal., Third and E Streets.
Three-story brick (6) stores and apartments. (site 117 by 110 ft.).
Owner—L. F. Pieratt, 723 E St., Marysville, Calif.
Architect—Enri Cavasso, 226 5th St., Marysville, Calif.
Contractor—Geo. Tolley, Marysville.

Plans Being Prepared.
STORES & APTS. Cost—
MARYSVILLE, Yuba Co., Calif., Third and Oak Sts.
Two-story brick stores and (8) apartments.
Owner — Abe Schneider, 604 6th St., Marysville, Calif.
Architect—Enri Cavasso, 226 5th St., Marysville, Calif.

Contracts Awarded.
APARTMENTS Cost, $200,000
SAN FRANCISCO, N Broadway W Octavia Street.
Ten-story and basement class A reinforced concrete apartment house, 14 apts. (9 rooms with 4 bathrooms, and 6 rooms with 2 bathrooms).
Owner—"The Heights," an Incorporation, % Randolph Whitney, Monadnock Bldg., San Francisco.
Architect—Fred'k. W. Quandt, Monadnock Bldg., San Francisco.
Grading to Reeder Constr. Co., 180 Jessie St., $1400.
Concrete foundation to Adam-Arras Co., 185 Stevenson St., $998.
Structural Steel and Iron and Erection of Frame to Schrader Iron Wks., Inc., 1247 Harrison St., S. F., $33,129.
Concrete Work to Henry Jacks and W. K. Irvine, 5426 California, $38,660.
Metal Lathing, Furring and Plastering to A. Knowles, Call Bldg., $30,131.
Carpentry Work to Henry Jacks and W. K. Irvine, 2426 California, $31,025.
Tiling to Rigney Tile Co., 2148 Telegraph Ave., Oakland, $4,676.
Steam Heating to J. E. O'Mara, 445 Minna St., $9200.
Plumbing to Wm. F. Wilson Co., 328 Mason St., $23,747.
Electric Work to Wedel Elec. Co., 235 Montgomery St., $6711.
Reinforcing Steel to W. S. Wentenhall Atlas Bldg., $5687.

Plans to be Prepared.
SAN FRANCISCO. S California W Jones St.
APARTMENTS Cost, $150,000
Six-story Class A apartment building. 51x137-6, cement exterior. (22 4 and 5-room apts.)
Owner—Marcus Marcussen and J. S. McClymon.
Architect—Harry P. Merritt, 57 Post St., San Francisco.
Contractor—Marcus Marcussen, American National Bank Bldg., S. F.
Excavating will be started immediately.

Plans Being Prepared.
APARTMENTS Cost, $10,000
CALIFORNIA Location Withheld.
Three-story frame and stucco apartment building (15 2, 3 and 1-room apts.)
Owner—Withheld.
Architect—J. W. Dolliver, Monadnock Bldg., San Francisco.

Plans Being Prepared.
APARTMENTS Cost, $35,000
SAN FRANCISCO, Gough St.
Three-story frame and stucco apt. (9 3-room apts.)
Owner—Withheld.
Architect—O. R. Thayer, 110 Sutter St., San Francisco.

Plans Completed.
STORES & APTS. Cost, $30,000
SAN FRANCISCO, NW Divisadero and Eddy.
Three-story and basement frame stores and (12) apartments.
Owner—M. T. Kelley, 892 Union St., San Francisco.
Architect—W. C. Mahoney, 892 Union St San Francisco.

Contracts Awarded.
APT. BLDG. Cost, $100,000
SAN FRANCISCO, E Taylor 72 S Ellis.
Six-story and basement reinforced concrete and steel apt. bldg.
Owner—D. S. Clinton.
Architect—A. H. Knoll, Hearst Bldg., San Francisco.
Concrete & Carpenter work awarded to J. Martinelli, 180 Jessie St.
Electrical work to Frank J. Klimm, 225 Oak St.
Mill work to National Mill & Lumber Company.
Plastering to Wm. Gilmour, 180 Jessie Street.
Glass to W. P. Fuller & Co., Beale and Mission Sts.

Figures To Be Called For In a Week.
APARTMENTS Cost, $70,000
SAN FRANCISCO, Larkin St. nr. Clay.
Five-story class C reinforced concrete apartment house (70 rooms).
Owner—B. Getz.
Architect—Morrow & Garren, Chronicle Bldg., San Francisco.
Bids will be taken for a general contract.

Plans Being Prepared.
ALTERATIONS Cost, $1000
MILL VALLEY, Marin Co., Cal.
Alter frame residence into 2 apartments.
Owner—Carl Bachelder.
Architect—Wm. E. Milwain, Pacific Bldg., Oakland.

Sketches Being Prepared.
APARTMENTS Cost, $25,000
SAN FRANCISCO. Francisco St., bet. Polk and Larkin Sts.
Two-story and basement frame duplex apartment building.
Owner—Withheld.
Architect — Wm. E. Milwain, Pacific Bldg., Oakland.

Figures To Be Taken in Ten Days.
APT.-FLAT BLDG. Cost, $20,000
SAN FRANCISCO, SW Francisco and Gough Sts.
Two-story and basement frame and stucco apt.-flat bldg. (3 4-room and 1 5-room apts. and 4 garages).
Owner—Withheld.
Architect—O. R. Thayer, 110 Sutter St., San Francisco.
SPECIFICATIONS
Floors, hardwood; heating, gas and electric; interior finish, O. P. and Philippine mahogany or Gum; wall beds.

C. H. BROWN
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Contract Awarded.
APARTMENTS Cost, $——
OAKLAND, Alameda Co., Cal. Grand Avenue.
Two-story reinforced concrete and frame store and apartment building.
Owner—Y. Sticcone.
Architect — W. E. Schirmer, Thayer Bldg., Oakland.
Contractor—M. E. Hopper & Son, 1117 Webster St., Oakland.

SEATTLE, Wash.—Murdock & Eckman, Thompson Bldg., Seattle, awarded contract to erect two apartment buildings in block bounded by 48th and 49th Aves., Fremont and Linden Aves., for Hawthorne Investment Co., total cost, $200,000. One bldg. 221 by 35 ft. and another 110 by 35 ft. in addition to quarters for 24 garages. Each building two stories in height of frame and brick veneer construction. Lawton and Moldenhour, architects, Alaska Bldg., Seattle.

LOS ANGELES, Cal.—Herbert Heineman, 831 San Fernando Bldg., will erect a $100,000 3-story 67-room, 32-suite, brick and steel apt. bldg. on Santa Monica Blvd., bet. St. Andrews Blvd. and Wilton Pl., for Mrs. Margaret M. Roberts. Mission stucco exter., 200 ft. front, elevator, heating system. Archt. Arthur Heineman, 831 San Fernando Bldg., preparing the plans.

LONG BEACH, Cal.—Chas. H. Stillwell, prop. of the Stillwell Hotel, Grand Ave., near 9th St., is reported having plans prepared for a $1,000,000 height-limit, co-operative apt. bldg. to be erected at the n.w. cor. Third St. and Cedar Ave., Long Beach, on a 105x150 ft. site purchased from the Harriett C. H. Johnson estate.

PORTLAND, Ore. — Zanello Bros., Worcester Bldg., at $365,000 awarded contract to erect 5-story and basement concrete 100 by 140 ft., apartments for David N. Pallay in Flanders St., bet. 21st and 22nd Sts. Carl L. Linde, architect, Artesians Bldg., Portland.

LOS ANGELES, Cal.—Roy L. Jones, 311 S. Western Ave., is completing plans for a $80,000, three-story brick apartment building to be erected by day work on Shatto Place near Wilshire Blvd., by Joe Jacobwitz, 623 Story Bldg., for himself. Pressed brick exterior, composition roof, marble entrance, automatic electric elevator, gas-steam radiators, hardwood floors and trim, basement laundry, general hot water system, tile baths and drainboards, disappearing beds.

LOS ANGELES, Cal.—Archt. Loy L. Smith, 218 Byrne Bldg., has been commissioned to prepare plans for a 7-story class A apt. bldg., to be erected at 2nd and Flower St., owner withheld temporarily; will contain 100 single apts. with lobby, ball rm., etc. Reinf. conc. constr., basement, elec. passenger elevators, steam htg. sys., tile baths and drainboards, wall beds, marble and ornam. iron work, plate glass, mech. vtg. system, hardwood fls., steel sash, cost $300,000.

MODESTO, Stanislaus Co., Cal.—Geo. Ulrich, Modesto has contract to remodel home of Judge Langdon at 15th and Eye Sts., into modern apartment structure, to contain twelve apartments of 2 rooms, each to have bath.

BONDS

OAKLAND, Cal. Wm. J. Hamilton, Chairman of Bd. of Supervisors, in immediate future will urge bond election to secure funds to finance construction of new county courthouse and hall of records building.

MERCED, Merced Co., Cal.—Supervisors sell $10,000 bond issue of Livingston School District for premium of $345; proceeds of sale to finance school improvements.

ROSEVILLE, Placer Co., Cal.—City trustees plan erection of municipal auditorium in Royer Park. Construction will probably be financed through a bond issue.

LODI, San Joaquin Co., Cal.—Mayor J. W. Shattuck appoints committee to select site on which it is proposed to erect new city hall. Structure will be financed through a bond issue.

CHURCHES

Contracts Awarded.
CHURCH Cost,$——
ALAMEDA, Alameda Co., Cal. Oak St.
One-story frame and stucco gymnasium and social hall building for church.
Owner — First Methodist Episcopal Church.
Architect—H. H. Meyers, Kohl Bldg., San Francisco.
General Contract to Thos. Cuthbertson, 1766 12th Ave., San Francisco, $18,-647.
Plumbing to Chas. Smith, 1812 Lafayette St., Alameda, $1175.
Electrical Work to Strom Elec. Co., 1350 Park St., Alameda, $925.

Contract Awarded.
CHURCH Cost, $10,000
STOCKTON, San Joaquin Co., Cal. SW Commercial and Willow Sts.
One-story frame and stucco church.
Owner—Swedish Mission Church, Rev. Nelson is Pastor.
Architect—None.
Contractor—Carl F. Anderson, 1335 E-Weber Ave., Stockton.

Completing Plans.
REINF. CONCRETE Cost, $50,000
BERKELEY, Alameda Co., Cal., Colusa and San Pedro.
Reinforced concrete.
Owner—Thousand Oaks Baptist Church
Architect — Miss Julia Morgan, Merchants Exchange Bldg., S. F.

LOS ANGELES, Cal.—J. B. Harris 808 Westchester Pl., has been awarded a contract on a guaranteed cost and fixed fee basis for erecting a new church at Ave. 53 and Pasadena Ave. for Highland Park Presbyterian Church. George M. Lindsay, 331 Laughlin Bldg., archt. It will be Gothic style and will contain an auditorium to seat 1200 people and a Sunday school section to accommodate 1000. The church will be 2-sto. 75x100 ft., and Sunday school dept., 3-sto., 71x100 ft.; brick constr., struc. steel, reinf. conc. tapestry brick facing, stone trim, art glass, asbestos and slate rfg., oak and mahogany trim, steam htg., ventilating system, gas rads; $200,000. Bids for sub-contracts are being taken by contractor and architect.

SIERRA MADRE, L. A. Co., Cal. — Congregational church of Sierra Madre will erect a $75,000 church bldg. here within the next few months. Site will be opposite the present church adjoining the city park on West Central Ave. E. H. Tate is pastor. A campaign for funds has started.

BERKELEY, Alameda Co., Cal. — With amendments passed by the City Council on the zoning ordinance, the property bounded by Milvia, Henry and Berryman streets and the south line of Northbrae district will be improved with a beautiful church which the Dominican Fathers plan to build there, to cost upwards of $100,000.

PASADENA, L. A. Co., Cal.—W. A. Taylor & Son, 966 Elizabeth St., Pasadena, has the general contract at about $130,000 for erecting a 2-unit Sunday school section and remodeling the old First Methodist Church bldg., which is to be moved to Holliston and Colorado Sts., Pasadena, for the Lake Ave. Methodist Church. Total cost about $200,000. Cyril Bennett and Fitch H. Haskell, 600 Security Bldg., Pasadena, archts. Artificial stone constr., window alterations, cloisterways, heating system.

LOS ANGELES, Cal.—Archts. Elwin P. and Chas. E. Norberg, 704 Union Bank Bldg., have completed plans and will take bids soon for the erection of a brick church bldg. at n.e. cor. 14th St. and Union Ave., for Swedish Methodist Episcopal Church; will contain auditorium and balcony to seat 400 people, Sunday school assembly rm., classrms., gymnasiums, kitchen and social hall. Brick, 1-sto. and balcony, 50x100 ft., art stone trim, tile rf., O. P. and cem. fls., gas furnace htg., aut. water storage htr., art and stained glass, kitchen equipment, pipe organ, pews, basement.

STRATFORD, Kings Co., Cal.—Construction has been started on a $8,000 edifice for the First Presbyterian Church of which Rev. T. Bradley is pastor. Structure will be of cement block construction.

FRESNO, Fresno Co., Cal.—A. K. Pinoris, 446 E St., Fresno, president of the Greek Community of Fresno, an organization recently formed to secure funds to finance construction of new church building, has appointed committees to make a drive for additional funds to start construction of the proposed $25,000 structure. A site for the structure has already been purchased.

FACTORIES & WAREHOUSES

Plans to be Prepared.
FACTORY Cost, $300,000
SAN FRANCISCO. SE Nineteenth and Alabama Sts.
Fireproof factory building, 150x200.
Owner—Pelton Water Wheel Co., 19th and Harrison Sts., San Francisco.
Architect—Not Selected.

Plans Being Prepared.
FACTORY Cost, $250,000
OAKLAND, Alameda Co., Cal., 73rd Ave.
Fireproof factory.
Owner—Victor Talking Machine Co.
Architect—Wm. Knowles, Hearst Bldg. S. F. and Central Bank Bldg., Oakland.

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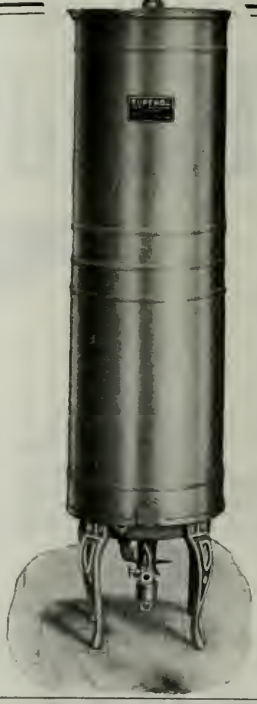


Bids Being Taken For Filling Site.
FACTORY (1st unit) Cost $125,000
EMERYVILLE, Alameda Co., Cal., Blk. bounded by Haven, Harlin, Park Ave and Santa Fe tracks.
Two-story reinforced concrete factory bldg. 262x82 (designed for 5 stories 240x400) brick curtain walls, steel sash, freight elevators, flat slab construction.
Owner—Doble Steam Motors Co., 714 Harrison St., San Francisco.
Engineer—Earl Markwart, % Lindgren Co., Monadnock Bldg., S. F.
Contractor—Lindgren Co., Monadnock Bldg., San Francisco.
Steel awarded to Columbia Steel Co. Sub-figures on the balance of the work will be taken shortly.

Plans Being Prepared.
WAREHOUSE Cost—
SAN FRANCISCO, 9th & Brannan Sts.
Five-story and basement reinforced concrete warehouse.
Owner—Standard Sanitary Mfg. Co.
Architect—Weeks & Day, 315 Montgomery St., San Francisco.

Plans Completed.
FACTORY Cost, $12,500
SAN FRANCISCO, NE 17th & Capp St.
Two-story and basement reinforced concrete factory.
Owner—West Coast Laundry Machinery Co., 3246 17th St., S. F.
Architect—P. Righetti, 12 Geary St., Oakland.

Concrete Work Awarded.
WAREHOUSE Cost, $244,870
SAN FRANCISCO, Delaware and 23rd Streets.
One-story concrete and steel warehouse etc.
Owner—J. D. and A. B. Spreckels Securities Co., (Western Sugar Refinery), No. 2 Pine St., San Francisco.
Engineers—Plans by Engineering Dept. of owners.
Concrete work awarded to Adam Arras, Co., 185 Stevenson St., at $26,760.

Contract awarded On Flat-fee Basis.
ADDITION Cost $300,000
SAN FRANCISCO, 3rd and 21st Sts.
Two-story reinforced concrete addition to factory building.
Owner—American Can Co.
Architect—C. G. Price, of the American Can Co., New York.
Contractor—Lindgren Co., Monadnock Bldg., San Francisco.
The reinforcing steel has been awarded to the Columbia Steel Co.

Plans Being Prepared — Contract Awarded.
ADDITION Cost, $200,000
SAN FRANCISCO, E Second St. N of Mission.
Six or seven-story Class B addition to one-story store building for lofts 80x112 (plaster exterior).
Owner—H. B. Blatchly of the Commercial Art & Engraving Co.
Architect—Harry P. Merritt and Wm. Gunnison, 57 Post St., S. F.
Contractor—Marcus Marcussen, American National Bank Bldg., S. F.
Construction will be started in September.

LOS ANGELES, Cal.—Frank D. Chase Inc., engr., 533 Title Ins. Bldg., is completing plans for a 6-story class A industrial bldg. to be erected on Downey Rd., Central Mfg. Dist., for the L. A. Central Mfg. Dist. Reinf. conc. constr., 6-story and basement, U-shape, 260x160x110x90 ft., 10-sto. tower, brick exterior walls, terra cotta trim, concr. and maple fls., comp. rfg., tower to contain 150,000 gal. water pressure tanks, freight and pass. elevators, sprinkler sys., steel sash, steel rolling doors. Conc. and brick work to be done by day work, bids on all sub-contrs. to be taken next week. Est. cost $750,000.

ONTARIO, San Bernardino Co., Cal.—Citrus Fruit Assn., of Ontario, and the Union Pacific Railway, have completed arrangements to build a concrete packing house on San Antonio Ave., at the crossing of the U. P. Railway. Cost, approximately, $75,000.

OROVILLE, Butte Co., Cal.—Hibbard Bros., Oroville, awarded contract to construct additions to Mt. Ida Packing Company's packing plants.

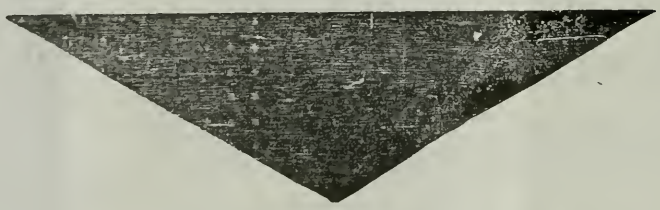
LOS ANGELES, Cal.—C. L. Peck, H. W. Hellman Bldg., has been awarded the contr. for all work except elevators, plumbing, wiring and heating for erecting a 4-story and basement class A warehouse at Grand Ave. and 35th St. for the May Corp.; Albert C. Martin, 430 Higgins Bldg., archt. The bldg complete will cost $350,000. Dimensions, 200x250 ft., reinf. conc. construction, flat slab system, comp. rfg., stucco exter., steel sash, 4 elec. elevators, steel rolling and metal covered doors.

OROVILLE, Butte Co., Cal. — Until June 5, 10 a. m., bids will be rec. by R. C. Brandt, secy., Wyandotte Canneries, Inc., to erect frame and corrugated iron cannery building. Plans on file in office of secretary. **See call for bids under official proposal section in this issue.**

LOS ANGELES, Cal. — Archt. W. Douglas Lee, 400 Sun Drug Bldg., is preparing plans for a class A store and loft bldg. to be erected at Winston and San Pedro Sts. for the Revolving Fund Corp. Reinf. conc. constr., 6-story and part basement, 97x160 ft., comp. rfg., press. brick facing, art. stone trim, steam htg. sys., 3 electric elevators, maple and cem. fls., steel sash, plate glass, metal skylights, copper store fronts, ornam. iron wk., the first floor will have lobby and 8 stores; cost $200,000.

LOS ANGELES, Cal—Wallace & Bush Van Bush, Van Nuys Bldg., have prepared preliminary plans for a 6-story and basement class A loft bldg. to be erected at the cor. San Pedro and Winston Sts., for the Revolving Fund Corp. The bldg. will be leased to Pacific Knitting Mills, Inc. The site is 102 by 160 ft. The bldg. will be of reinf. conc. construction.

Hardwall Plaster



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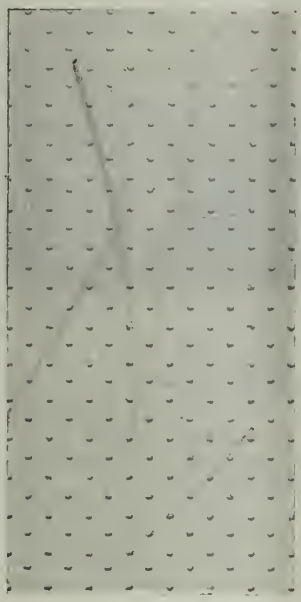

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LOS ANGELES, Cal. — Joseph F. Rhodes, 414 Central Bldg., has prepared plans and will erect a 4-story and basement brick factory bldg. on Imperial St., bet. 6th and Jessie Sts. for Pacific Coast Biscuit Co. Dimensions, 120x134 ft., brick walls, structural steel, face brick, plate glass, steel sash, comp. rfg., metal skylights, fire escapes, elevator, wood and cem. fls.; cost $130,000.

HUENEME, Ventura Co., Cal.—Seibel Air Spring Co., Inc., is planning to locate a modern plant in Hueneme for the manufacture of automobile air springs. The proposed structure will be 100x200 ft., faced with tile; it will contain factory and offices. Charles Pilgrim is the inventor's local representative.

FLATS

Contract Awarded.
FLATS Cost, $14,750
SAN FRANCISCO, N Green 142-6 W Broderick. Two-story and basement frame (2) flats.
Owner—Daniel Brown Estate Co., 145 Commonwealth Ave., S. F.
Architect — Walter C. Falch, Hearst Bldg., San Francisco.
Contractor—J. M. Hooper, 33 Guerrero St., San Francisco.

Sub-Figures Being Taken—To be Done by Day's Work.
FRAME FLATS Cost, $——
SAN FRANCISCO, Lincoln Way and Twenty-third Avenue.
Eight two-story frame flat buildings.
Owner—Oscar Heyman & Bro., 742 Market St., San Francisco.
Archotect—Alvin J. Stern, 742 Market St., San Francisco.
Plans for the expenditure of $300,000 in the construction of new two-story homes to be commenced next month. They will occupy the lots owned by this company on Twenty-third avenue between Fulton and Cabrillo Sts.

Contract Awarded.
FLATS Cost, $10,000
SACRAMENTO, Cal. No. 2309 Fourth Avenue.
Two-story stucco building (2 5-room flats).
Owner—W. R. Billingsley, 2118 26th St., Sacramento.
Architect—None.
Contractor — W. L. Chattenton, 1032 42nd St., Sacramento.

Contract Awarded.
FLATS Cost, $15,350
SAN FRANCISCO, W 21st Ave. 200 S Lake.
Two-story and basement frame (2) flats (all work except heating, fixtures, shades and hardware).
Owner—Adolph C. Wolf.
Architect—W. H. Crim Jr., & Hamilton Murdock, 425 Kearny St., S. F.
Contractor—McIntosh Bros., 180 Jessie St., San Francisco.

Contract Awarded.
FLATS Cost, $14,000
OAKLAND, 4163 Emerald St.
Two-story 16-room flats and garage.
Owner—J. B. Muir, 5430 Thomas St., Oakland.
Contractor—J. B. Bishop, 811 Adams St., Albany.

Plans Being Prepared.
FLATS Cost, $13,500
SAN FRANCISCO, Bay St near Gough.
Two-story frame and stucco flats (2 5-room flats and garage).
Owner—Withheld.
Architect—O. R. Thayer, 110 Sutter St., San Francisco.

Contract Awarded.
ALTERATIONS Cost, $1000
SAN FRANCISCO Fourteenth and Belcher Sts.
Alter and add to flat building.
Owner—Withheld.
Architect—O'Brien Bros., 315 Montgomery St., San Francisco.
Contractor—James Jensen, 3195 17th St., San Francisco.

GARAGES

LOS ANGELES, Cal. —Architects Walker & Eisen, 325 Pacific Finance Bldg., are completing plans for a four-story and basement Class A store and garage building to be erected at 6th and Kenmore Sts. for J. B. Lilly and P. B. Fletcher. The building is designed for 8 stories; dimensions, 150x150 ft., stores on main floor on 6th St. frontage; reinforced concrete construction, plaster exterior, plate glass windows, copper sash, steel sash, composition roofing, metal skylights, fire escapes, elevators. Bids will be taken this week.

JUST TWO years ago.
IF YOU remember.
CLARENCE SAND Pratt, President.
OF THE Pratt Building Material Co.
DOUGLAS 300—"easy to remember."
HAD A contest.
TO NAME "Prattco Amber" sand.
FROM PRATTCO, Monterey Co.
NOW, JUST two years after.
SANDY PRATT is holding a contest.
TO FIND a commercial name.
FOR HIS new crushed rock.
AND CRUSHED gravel.
TO BE produced.
AT PRATTROCK, near Folsom.
BY THE Pratt Rock & Gravel Co.
AND THE first prize.
WILL BE $100.00.
OF 7% Preferred stock.
AND $50 in common stock.
OR $150 in stock.
IN THE new company.
OF WHICH Sandy Pratt.
WILL BE the president.
IN THE sand-naming contest.
IN MAY, 1921.
MOST OF the prizes.
WERE DISTRIBUTED.
IN THE building world.
THE SECOND prize was awarded.
TO TWO ladies.
WITH THE Daily Pacific Builder.
BOB SMITH of Berkeley.
WITH CONTRA Costa Building Material Company.
WON A prize.
SO DID E. P. Tenny.
ONE OF Bob's competitors.
ALSO WON $2.50.
FRANK DIXON of Sacramento.
IS ANOTHER member.
OF THE building world.
WHO WON in 1921.
WHEN "PRATTCO Amber" Sand.
WAS NAMED.
JUST THINK what a name.
WILL DO for you.
YOU RECEIVE $100.00.
IN PREFERRED stock.
BEARING A guarantee of 7% interest.
AND YOU also.
WILL RECEIVE $50.00 worth.
OF COMMON stock.
TO WHOM all the profits.
WILL Be distributed.
AFTER THE 7% interest.
IS PAID on preferred stock.
AND BESIDES all this.
SANDY PRATT will give away.
A CARLOAD of crushed rock.
FROM THE new plant.
TO BE built at Prattrock.
AND ALSO a carload.
OF CLEAN, sharp sand.
FROM PRATTCO, Monterey County.
AND MARYSVILLE or Sacramento.
STUDY UP a name.
AND WIN $150.00 in stock.
THAT WILL give you.
ENOUGH "ROCKS" (dividends).
TO BUY all the "rock" cod.
IN THE Pacific ocean.
"I THANK you."

This beautiful oil painting shows Miss Ima Prizewinner, trying to secure a name for Sandy Pratt's new crushed rock and gravel to be produced by the Pratt Rock & Gravel Co. at Prattrock, near Folsom. If this twelve year old girl wins the first prize of $100.00 in 7% preferred stock and $50.00 in common stock and she saves the earnings, she will be a rich woman when she is twenty-one years old. Her brother, B. Rockcandy, is just behind her.

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GOVERNMENT WORK AND SUPPLIES

SAN FRANCISCO—Until June 2, 11 A. M., bids will be rec. by U. S. Engineer Office, 85 Second St., under Order No. 4568 439, for fur. and del. Rio Vista, Solano County: 2 angle valves, globe, 1-in. for oil; 18 ft. asbestos pipe covering, 4-in., in 3 ft. lengths, 85% magnesia; 4 Globe steam valves, 1-in and 2 Globe steam valves, 1¼-in. 200 lbs.; 6 r. r. unions, ¾-in. and 3 1-in.; 6 Reducing bushings, ½-in. to ¼-in and ¾-in. to ½-in.; 1 set stand. pipe dies, 1¼-in. for No. 3 Armstrong; 2 nipples, close, 3-in. black.

SAN FRANCISCO—Until June 2, 11 A. M., bids will be rec. by U. S Engineer Office, 85 Second St., for fur. and del. Rio Vista, Solano County: 250 lin. ft. O. P. No. 2 clear, 1x8-in. S4S to ¾-in.x7½-in.; 200 lin. ft. O. P. combing and 200 lin. ft. O. P. molding.

SAN FRANCISCO—Until June 1, 11 A. M., under Order No. 4567 439, bids will be rec. by U. S. Engineer Office, 85 Second St., for fur. and del. Rio Vista, Solano County: miscellaneous hardware and supplies.

SEATTLE, Wash.—Until May 31, 11 a. m., bids will be rec. by Alaskan Engineering Commission, Bell Street Terminal, under Circular No. 610, for fur. tool steel, chuck, repairs for Bucyrus shovel and Industrial Works Wrecker, air brake equipment, Edna Injectors & parts, tube cleaners, couplings, draft springs, steel tires, cast iron wheels, interlocking steel sheet piling and electric rivet heater. Spec. on file in San Francisco office of Commission, 306 Customhouse

WASHINGTON, D. C. — Hawaiian Dredging Co., Honolulu, T. H., at $.90 cu. yd. (total approx. $11,700), awarded cont. by Bur. of Yds. and Docks, Navy Department, under Spec. 4842, for dredging berth at Pearl Harbor, T. H.

DENVER, Colo.—Until June 4, 2 p. m., bids will be rec. by U. S. Reclamation service for fur. wood stave flume and accessories for Klamath project, Oregon-California, involv. approx. 690 lin. ft. 6-ft. dia. flume.

PORTLAND, Ore. — Following bids rec. by U. S. Engineer Office, to const. and del. 4 wooden barges: Item 1, 3 48-ft. barges; 2, 1 70-ft. barge; 3, total.

Portland Shipbuilding Co., foot of Nebraska St., Portland, Ore., item 1, $1,881 ea.; 2, $3,111; 3, $8,754, accepted

St. Helen Ship Co., St. Helen, Ore., Item 1, $2,141.25; 2, $3,609.50; 3, $10,033.25.

SAN FRANCISCO—Until June 4, 11 a. m., bids will be rec. by U. S. Engineer Office, 85 2nd St., under Order No. 4571 439, for fur. and del. Rio Vista, Solano County: 120 gals. outside war grey paint, in 5 gal. cans, (No. 3737); 10 lbs. lamp black, in oil, in 1 gal. cans; 12 pts. engine enamel, black, in 1 pt. cans; 12 pts. signal green paint, in 1 pt. cans. Color cards must accompany bid.

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Res. Phone Mission 5228

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Sheet Metal Work of Every Description

CHAS. SCHULTHEIS, Mgr.

3117-3119 TWENTIETH STREET near Harrison St.

SAN FRANCISCO, CALIF.

WASHINGTON, D. C.—Bids will be rec. by Bur. of Supplies & Accounts, Navy Department, for fur. and del. supplies for Navy Yards, as follows; date for opening bids as noted at end of each paragraph:

Schedule 827, for Mare Island, 1200 pre. bankers' shears, June 5.

Sched. 830, for Mare Island, 17,000 lbs. bar steel, June 12.

Sched. 834, eastern and western yards, 21,466 sq. yds. linoleum, June 12.

Sched. 835, eastern and western yards, miscellaneous dry cells, June 12.

Sched. 836, Mare Island, San Diego and Puget Sound, 461,000 lbs. cotton cleaning rags, June 12.

Sched. 838, eastern and western yards, miscellaneous white cotton waste, June 12.

Sched. 839, eastern and western yards, 15,500 lbs. gum gasket, 10,900 lbs. do. 500 lbs. molded rubber gasket, June 12.

Sched. 840, eastern and western yards, Portland cement, June 12.

Sched. 844, eastern and western yards, 52,000 pounds Co2 gas, June 5.

Sched. 845, eastern and western yards, miscellaneous spark plugs, June 12.

Sched. 851, Mare Island, 3000 pounds sheet copper, June 12.

Sched. 853, eastern and western yards, 23,000 pounds sheet steel, June 12.

Sched. 856, eastern and western yards, oxygen gas, June 12.

Sched. 857, eastern and western yards, acetylene gas, June 12.

DENVER, Colo.—Until June 4, under Spec. 321-D, bids will be rec. by U. S. Reclamation Service, for fur. turnout gates, c. i. gates and geared hoists for the North Platte project, Nebraska-Wyoming, involv. approx. 21,000 lbs. metal work.

DENVER, Colo.—Until June 4, under Spec. 321-D, bids will be rec. by U. S. Reclamation Service, for fur. turnout gates, c. i. gates and geared hoists for the North Platte project, Nebraska-Wyoming, involv. approx. 21,000 lbs. metal work.

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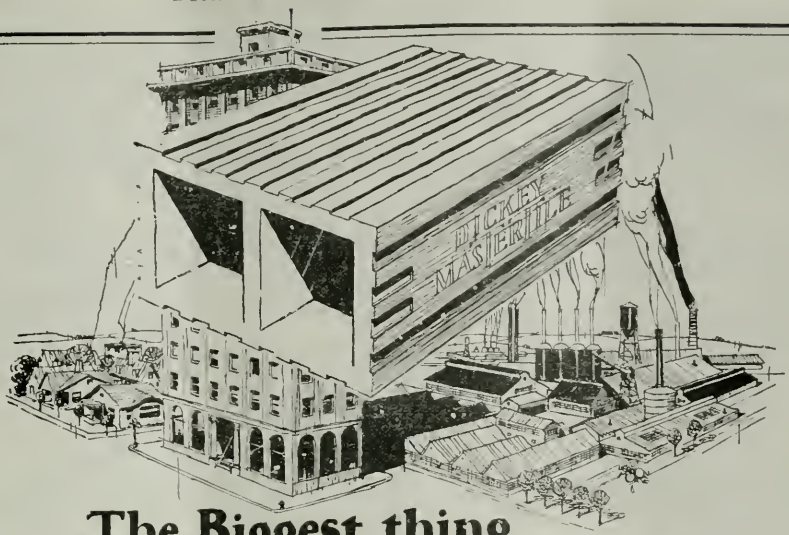

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New *Dickey Mastertile Garages, Stores, Factories, Warehouses,* and other commercial buildings are now under construction in San Francisco Oakland, Berkeley, Alameda Modesto Niles, Livermore, Dublin, and many other localities.

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New *Dickey Mastertile School Buildings* are now completed or in process of construction in San Francisco Berkeley Richmond San Pablo Livermore, Courtland and Davis Farm.

New *Dickey Mastertile Hospitals* are now in use or being erected in San Francisco, Palo Alto, Livermore and Niles.

No matter what type of structure you are planning to erect,—if you desire *permanent construction at lowest cost*—if you desire *fire resistance, freedom from the heavy upkeep and repair costs* a dry quiet, healthful structure, cool in summer and easy to heat in winter—*investigate*

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ARCHITECTS AND CONTRACTORS:
Send for our "Dickey Mastertile Building Manual," just off the press

PROSPECTIVE BUILDERS:
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WASHINGTON, D. C.—Until June 6, bids will be rec. by Bur. of Yards and Docks, Navy Dept., under Spec. 1765, to erect barracks building at San Diego, Calif. Plans and specs obtainable from Bur. on deposit of $10.

WASHINGTON, D. C.—The Bureau of Yards and Docks, Washington, D. C., has extended the date of opening bids for refrigerating equipment at the Naval Station, Pearl Harbor, T. H., Specification No. 1767, from June 13, to June 25, 1923.

COVELO, Mendocino Co., Cal.—The following bids were received on May 21st by W. W. McConnihe, Superintendent Round Valley Indian Agency, for the construction of a 3-room concrete school building. All bids were referred to Washington.

Arthur W. Biggers, 850 S. 3rd St. San Jose	$17,975
L. J. Leibert, San Francisco	17,800
R. S. K. McMillen, San Francisco	18,000

HALLS AND SOCIETY BUILDINGS

Bids Opened and Taken Under Advisement.
CLUB BLDG. Cost, $75,000 to $80,000
BERKELEY, Alameda Co., Cal. Corner Bancroft Way and Bowditch St.
One-story reinforced concrete and steel Class B club building (Built for additional stories).
Owner—Masonic Club of the University of California, Hotel Bancroft, Bkly.
Architect—Carl Werner, Santa Fe Bldg. San Franrisco.
Segregated bids have been taken for carpenter work, brick work, heating, plumbing, electric wiring, painting, etc.
As reported, the concrete work and excavation was awarded to C. L. Wold Co., 185 Stevenson St., San Francisco, at $7900, and the steel to Central Iron Works, 2050 Bryant St., San Francisco, at $12,352.

Preliminary Plans Being Prepared.
LODGE BLDG. Cost, $75,000
ROSEVILLE, Placer Co., Cal.
Two-story fireproof lodge building.
Owner—Masonic Temple Ass'n.
Architect — Carl Werner, Santa Fe Bldg., San Francisco.

Commissioned to Prepare Plans.
ADDITION Cost, $1,000,000
SAN FRANCISCO. NE Van Ness Ave. and Sutter St.
Six-story Class A addition to Scottish Rite Temple.
Owner—Scottish Rite of San Francisco.
Architect — Carl Werner, Santa Fe Bldg., San Francisco.

Sketches Prepared.
LODGE BLDG. Cost, $250,000
SAN FRANCISCO Location not Selected
Two-story Class A lodge building.
Owner—B'nai B'rith, 49 Eddy St., San Francisco.
Architect—S. Heiman, 57 Post St., San Francisco.

Plans Being Prepared.
CLUB HOUSE Cost, $8500
PLACERVILLE, El Dorado Co., Cal.
Inter-Locker tile and brick clubhouse assembly hall, gymnasium, locker rooms, offices.
Owner—American Legion, Post 119.
Architect—Frederick S. Harrison, Peoples Bank Bldg., Sacramento.

SEBASTOPOL, Sonoma Co., Cal.—Sebastopol Post, American Legion is having plans prepared for a new clubhouse to be erected on the site of Lincoln Hall, now being razed. Further details will be given when plans are completed.

FLAGSTAFF, Ariz.—Bids are being taken by B. P. O. E. lodge for the new club house to be erected in accordance with plans prepared by City Engr. J. B. Wright, who with Joe P. Wilson and Dan Hogan, form the building committee. The building will be brick, red sandstone, with limestone foundation. It will be 42x93 ft and contain lodge room, and ball room, 40x80 ft., lobby, lockers, store rooms and other features of a modern lodge buildings.

LODI, San Joaquin Co., Cal.—Lodi Lodge No. 256 of Masons is planning to erect modern lodge building on a site yet to be selected. A committee has been appointed to make selection, following which construction will be started, plans for the structure having been completed.

SANTA ANA, Orange Co., Cal.—Archt. H. Newton Thornton, 313 Hill Bldg., has completed plans for remodeling Masonic bldg. at 5th and Sycamore Sts. Plans of various types are being considered by the bldg. comm., but in general bldg. will be 3-sto., containing 5 stores and entrance on the ground floor with quarters for the lodge activties besides added facilities for the Eastern Star lode. Design will be of Spanish-Italian architecture. Mr. Thornton's designs propose to expend about $150,000. A report will be made soon by the bldg. comm.

SAN BERNARDINO, Cal.—Construction on the new Knights of Pythias building will start early next month. The building will be of reinforced concrete construction, 2-story, of Spanish type, with tile roof. Dimensions, 55x100 ft., containing lobby, reading room, billiard room and kitchen on the ground floor, with lodge room, stage, lockers and ladies' parlor above. Cost, $40,000. Howard E. Jones, 405 Katz Bldg., San Bernardino, is the architect.

SAN BERNARDINO, Cal.—Architect Howard E. Jones, 405 Katz Bldg., has completed plans for the new home of the Eagles, a fraternal order. Construction will start within 2 weeks. Building will be 2-story, 75x80 ft., and contain two stores, lobby, dining room on first floor, with lodge room, billiard rooms, lockers, rest rooms, etc., on the second floor. Estimated cost, $45,000.

HOSPITALS

Plans Being Figured.
HOSPITAL Cost, $70,000
SAN FRANCISCO. Anza St. and Sixth Avenue.
Two-story brick maternity pavilion.
Owner—French Hospital, Premises.
Architect — Fabre & Hildebrand, 110 Sutter St., San Francisco.

Revised Plans Completed.
HOSPITAL Cost, $300,000
SAN FRANCISCO, S Sutter E Larkin.
Ten-story and basement class A reinforced concrete and steel hospital bldg. 56x137-6 (College of Electronic Medicine)
Owner—Dr. Albert Abrams.
Architect — Mel I. Schwartz, Nevada Bank Bldg., San Francisco.

CHICO, Butte Co., Cal.—Rev. J. B. Dermody, pastor of St. John's Catholic Church, announces construction will be started this year on a new Sister's Hospital building in the Chico Vecino district.

RIVERSIDE, Riverside Co., Cal.—Riverside Community Hospital Assn., has raised $35,000 toward the proposed new building. The campaign is for $250,000.

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OAKLAND, Alameda County, Cal.—The following bids were received on May 21st, by Geo. E. Gross, Clerk of Alameda County, for the construction of a one-story frame dormitory for the Del Valle Farm near Livermore. Contracts were awarded to the lowest bidders.

Peneral Contract	
F. W. Maurice, 1362 E-25th St., Oakland	$24,800.00
J. F. Shepherd, Stockton	27,128.00
E. T. Leiter, Oakland	28,837.00
Cobby & Owsley, San Francisco	31,000.00
Plumbing	
Chas. L. Sturm, 407 12th St., Oakland	2,336.00
J. E. O'Mara, S. F.	2,455.00
W. H. Picard, Oakland	3,110.00
Scott Co., Oakland	3,210.00
Carl T. Doell, Oakland	3,227.00
Electrical Work	
Kenyon Elec. Co., 523 13th St., Oakland	358.00
Bradshaw Elec. Co., Oakland	400.00
Pleasanton Elec. Co.	409.58
Central Elec. Co.	565.00
F. E. Newbery Elec. Co.	1,012.00
Heating	
L. D. Frazee, 699 36th St., Oakland	2,408.00
Chas. L. Sturm	2,440.00
Carl T. Doell	2,484.00
J. E. Doell	2,600.00
W. K. Nottingham	2,720.00
W. H. Picard	2,733.00

AGNEW, Santa Clara Co., Cal.—See "Public Buildings," this issue.

SAN JOSE, Santa Clara Co., Cal.—Until July 2, 11 a. m., bids will be rec. by Henry A. Pfister, county clerk, to install refrigerating and ice making plant, in addition to erecting building to house same, at the county hospital grounds in Infirmary Road. Spec. on file in office of clerk.

EUREKA, Humboldt Co., Cal.—Until June 12, 2 P. M., bids will be rec. by Fred M. Kay, County Clerk, to fur. and lay approx. 15,934 sq. ft. "Kompolith" floor, base and wainscot in county hospital. **See call for bids under official proposal section in this issue.**

REDWOOD CITY, San Mateo Co., Cal.—The Board of Supervisors have awarded contracts to the following firms for hospital equipment for the new County Hospital under construction at Beresford. W. H. Toepke, Call Bldg., San Francisco.

Reid Bros., $3063; Schlueter-Beecher Co., $5418; W & J Sloane, $2084; Walters Surgical Co., $632; Percy J. Meyers & Co., $736; Nathan-Dohrmann Co., $374; Chas. Brown & Son, $991; Levenson Co., $540; Braun-Knecht-Heimann Co., $602; L. Dinkelspiel Co., $639; Levi Strauss Co., $1937; Levy Bros., $67; Eames Co., $321; Marshall & Stearns Co. $112; Underwood Typewriter Co., $101; M. G. West Co., $122; Schwabacher-Frey Stationery Co., $37; W. & J. Sloane, $628

HOTELS

Steel Bids Taken.
ADDITION $1,000,000 approx.
SAN FRANCISCO, S Post W Powell.
Five-story and basement class A addition to hotel St. Francis (designed to carry 5 additional stories).
Owner—St. Francis Hotel, Powell and Post Sts., S. F.
Architect—Bliss & Faville, Balboa Bldg San Francisco.
Engineer—John L. Hall, Stuart Bldg., Seattle.
Contractor—Lindgren Co., Monadnock Bldg., San Francisco.
Construction will start in about 60 days.

WHITTIER, Los Angeles Co., Cal.—Evert M. Hinshaw has the contract to erect a 2-story fireproof building, 50x120 ft., at 122-24 N. Greenleaf Ave. for C. C. Boatright. The building will be owned by the Whittier Investment Co. which Mr. Boatright is organizing with a capital of $85,000. The first floor will contain stores and a 22-room hotel. Work will start in about 60 days. The walls will be built to carry four stories.

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San Francisco

Plans Being Prepared
STORES & ROOMS Cost—
MARYSVILLE, Yuba Co., Cal., C St., bet. 1st and 2nd sts.
Two-story (3) stores and rooms.
Owner—Mary Wing, Marysville, Calif.
Architect—Enri Cavasso, 226 5th St., Marysville Calif.

Plans Being Completed Contract Awarded.
ADDITION $1,000,000 approx.
SAN FRANCISCO, S Post W Powell.
Five-story and basement class A addition to hotel St. Francis (designed to carry 5 additional stories).
Owner—St. Francis Hotel, Powell and Post Sts., S. F.
Architect—Bliss & Faville, Balboa Bldg San Francisco.
Engineer—John L. Hall, Stuart Bldg., Seattle.
Contractor—Lindgren Co., Monadnock Bldg., San Francisco.
Construction will start in about 60 days.

FRESNO, Fresno Co., Cal.—Mark P. Hall, of the Valley Bank, associated with C. L. Fink and Edw. R. Beatty, has purchased site with 75 ft. frontage in J St. near Stanislaus and will erect a three-story fireproof store and hotel. Construction will be started this year.

LA JOLLA, L. A. Co., Cal.—Archt. W. C. Pennell, 414 Pacific Finance Bldg., Los Angeles, is completing plans for a 3-story stucco hotel bldg., to be erected in La Jolla by the Aparment and Hotel Investment Co. H. W. Orwig, pres. Security Bldg., Los Angeles, for La Jolla Hotel Corp., a company which has been organized to hold title to the new bldg. project. The financing of the bldg. has been assured. The structure will be built in shape of half an H, and contain 100 rms. in main bldg. with 15 3 and 4-room bungalows adjoining. Plaster exter., with red tile rf. Cost, $250,000. It is planned to start construction in about 60 days. Several sites have been tentatively secured near the biological station.

BURBANK, L. A. Co., Cal.—Randall Constr. Co., Burbank, have completed plans and have the contract to erect a 3-story class A store and hotel bldg. on West San Fernando Rd. for A. and R. Sence, of the Union Supply Co., Burbank. It will be 75x90 ft., and contain 4 stores and lobby, with 54 rms. above. Brick exter., comp. rf., cem. and oak fls. Est cost, $65,000. A permit has been issued.

LOS ANGELES, Cal.—Geo. M. Easton 426 W 30th St., has the contract to erect a 4-story class C brick store and hotel bldg. at cor. of 7th St and Shatto Pl. for Elizabeth K. Weaver, 2622 W 7th St. It will contain 3 stores and 51 hotel rooms, dimensions, 55x106 ft., brick walls, press. brick facing, plate glass, steel beams, comp. rfg., pine trim, steam htg. tiled baths, hot and cold water, elevator, cost $75,000.

SAN PEDRO, Cal.—Archt. Rudolph Kalkenrath, 202 Detwiler Bldg., L. A., is preparing plans for a 2-story hotel bldg to be erected at 9th and Palos Verdes Sts., San Pedro, for Peter Kyriax; will contain lobby, 8 baths, and 28 rooms each with lavatory. Brick, 2-story and part basement, press. brick facing, art. stone entrance, 45x105 ft., comp. rfg., tile baths, gas rad. htg., unit storage water htr., plate glass, oak and O. P. fls., metal lath.

POWER PLANTS

LIVERMORE, Alameda Co., Cal. — Pacific Gas & Electric Co., 445 Sutter St., San Francisco, will construct new power lines in Livermore Valley, one beg. at end of present line at pumping plant at Hall place and another, 1½ mi. long, running out of Sonia Alta

SEATTLE, Wash.—Until June 1, 10 a. m., bids will be rec. by W. D. Freeman, city purchasing agent, for fur structural steel for transmission towers, delivered at 6th ave. NE and Fuhrman St. Consideration will be given for prompt delivery at time of award.

SAN FRANCISCO—Puget Sound Machinery Co., 318 First St., S Seattle, at approx. $1,258,321.20 submits low bid to Bd. Pub. Wks. to fur., del. and install steel penstocks and accessories for the Moccasin Creek Power plant of the Hetch Hetchy project. The bid covers Sections Nos. 1 and 2 under the specifications. Bids were also submitted by W. B. Kyle, Western Pipe and Steel Co.; Bethlehem Shipbuilding Cor.; M. Kellogg Co., & Moore Shipbuilding Co.

PUBLIC BUILDINGS

Plans Being Figured Bids Close June 15, 1923, 12 Noon.
COTTAGE Cost, $80,000
AGNEW, Santa Clara Co., Cal.
Two-story reinforced concrete and frame Employees Cottage (41 rooms) (reinforced concrete walls and corridors, tile roof, plaster exterior).
Owner—State of California.
Architect — Geo. B. McDougall, State Architect, Forum Bldg., Sacto.

FRESNO, Fresno Co., Cal.—City commissioners appropriate $16,000 to finance construction of new fire station at Butler and Santa Fe Aves.

FRESNO, Fresno Co., Cal.—Frederickson & Shannon, Cory Bldg., Fresno, at $28,103 awarded cont. by city commissioners to remodel fire engine house No. 2 in Van Ness Ave. Coates and Traver, architects, Rowell Bldg., Fresno.

SAN FRANCISCO—Item in the 1923-24 budget being considered by the supervisors provides $100,000 to purchase lands and start construction of permanent exposition buildings on the Marina. Other items include: $75,000 to construct chalet at the Ocean Beach; $130,000 for a swimming tank and bathhouse on Sloat Blvd.; $40,000 for municipal golf links and club house at Lake Merced; $88,000 for war memoria larch across Van Ness Ave. front of city hall; $125,000 for firehouse and fire protection in outlying districts; $50,000 for police station.

SAN FRANCISCO—See "Theatres," this issue. Curtains for Municipal Auditorium.

MARSHFIELD, Ore. — Graham & Aitken, Builders' Exchange, Portland, awarded contract at $39,970 to erect city hall. Schroeder & Hildebrand, Marshfield, at $6,372 awarded heating and plumbing; Marshfield Electric Co., electric work, $623. Tourtellotte & Hummel, architects, Rothchild Bldg., Portland.

VISALIA, Tulare Co., Cal.—American Legion Posts of Tulare County petition supervisors to erect suitable building in Visalia as a memorial to veterans of the world war.

WOODLAND, Yolo Co., Cal.—City trustees will take bids shortly to construct rest room, garden house and general building in Main Street Park. Specifications were prepared by City Engineer Asa G. Proctor.

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FRESNO, Fresno Co., Cal.—Fisher and McNulty, Mattei Bldg., Fresno, at $11,249.50 submits low bid to city commission to erect community house in Holmes Playground. Other bids, all taken under advisement, follow: Short & Meeds, $11,322; Howard Dickey, $11,-690; Ed Tribble, $12,400; C. M. Hall, $11,610; Fisher & McNulty, $11,249.50.

LOS ANGELES, Cal.—Until 11 a. m., July 2, bids will be received by county supervisors for furnishing and erecting structural steel to be used in the new Hall of Justice to be erected at n.e. cor. Broadway and West Temple St. Work will involve 7000 tons structural steel. Spec. No. 353 on file at office of the board of supervisors and at office of Wm. Davidson, mechanical supt.

RESIDENCES

Contract Awarded.
RESIDENCE Cost, $15,000
BURLINGAME, San Mateo Co., Cal.
Two-story frame and stucco residence and garage (9 rooms).
Owner—H. A. Thomsen.
Architect—H. A. Thomsen, Sharon Bldg. San Francisco.
Contractor—Taylor & Goericke, Sharon Bldg., San Francisco.

Bids Under Advisement.
RESIDENCE Cost, $20,000
SAN FRANCISCO, Jackson Street and Arguello Blvd.
Two-story frame and plaster residence and garage (10 rooms, 2 bathrms).
Owner—Mrs. Grace P. Bekeart.
Architect—Ward & Blohme, 454 California St., San Francisco.
Low Bidder—Clarence Moore, 77 O'Farrell St., San Francisco.

Plans Being Prepared.
RESIDENCE Cost, $7000
SUTTER CREEK, Amador County, Cal.
Two-story frame and stucco residence (7 rooms).
Owner—H. H. Siebe, Sutter Creek, Cal.
Architect—Frederick S. Harrison, Peoples Bank Bldg., Sacramento.

To Be Done By Day's Work.
DWELLINGS Cost, $36,000
SAN FRANCISCO, E Guttenberg 25 N Morse, etc.
Twelve 1-story and basement frame dwellings.
Owner—Morrill Est. Inc., 3210 22nd St., San Francisco.

Contract Awarded on Percentage Basis.
RESIDENCE Cost, $32,500
SAN FRANCISCO, Ingleside Terrace.
Two-story and basement frame and stucco residence with terra cotta roof (14 rooms, 3 bathrooms, and garage for 3 machines).
Owner—M. Spiegelman.
Architect—S. Heiman, 57 Post St., San Francisco.
Contractor—H. A. Abrahams, 50 Stillman St., San Francisco.

Plans Being Prepared.
RESIDENCE Cost, $10,000
SAN FRANCISCO Ingleside Terrace.
One-story frame and stucco residence (7 rooms).
Owner—Edw. A. Johnson.
Architect—S. Heiman, 57 Post St., San Francisco.
Plans will be ready for figures in about a week.

Plans Being Prepared—To Be Done By Day's Work and Sub-Contracts.
RESIDENCE $50,000 to $60,000
RYDE, Sacramento Co., Cal., bet. Ryde and Walnut Grove.
Two-story and basement frame and stucco residence with full concrete basement and fireproof vault (15 rooms, 5 bathrooms).
Owner—Withheld.
Architect—Henry C. Smith, Humboldt Bank Bldg., San Francisco.
Plans will be complete in about two weeks.

Plans Being Prepared.
ALTERATIONS Cost, $——
SONOMA COUNTY.
Alterations and additions to two residences.
Owner—Withheld.
Architect—J. W. Dolliver, Monadnock Bldg., San Francisco.

Plans Ready for Figures Monday.
RESIDENCE Cost, $15,000
SAN FRANCISCO, E Larkin St., bet. Filbert and Greenwich Sts.
Two-story and basement frame and stucco residence.
Owner—Luke Fay.
Architect—O'Brien Bros., 315 Montgomery St., San Francisco.

SANTA ANA, Orange Co., Cal.—T. H. Fowler has completed plans and will erect for himself a Moorish type residence, part one and two-story, in Santa Ana Heights, fronting on Newport Blvd. The building will have stucco exterior, with Spanish tile roof. A sunken garden with pool and formal gardens will occupy a portion of the site, which is 3½ acres. The property was purchased from Bryan & Bradford, and Wm. McCoy, sub-dividers of Santa Ana Heights.

BEVERLY HILLS, Los Angeles Co., Cal.—Harold E. Phillips, 3718 Hope St., L. A., has the contract to erect at $40,-000, 2-story, 16-room frame dwelling in Benedict Canyon Dr., Beverly Hills, for J. R. Pinkham, 4665 Pasadena Ave., L. A. Foundation, 98x58 ft., tile roof, stucco exterior, hardwood floors, tile baths and drainboard, furnace.

BEVERLY HILLS, Los Angeles Co., Cal.—John Mayer, 100 E. Colorado St., Pasadena, has contract to erect a $48,-374, 2-story 12-room frame dwelling at 1201 Lexington St., Beverly Hills, for W. C. Ross. Johnson, Kaufmann & Coate, Union Bank Bldg., L. A., are the architects. Foundation, 65x105 ft., stucco exterior, tile roof, hardwood floors, tile baths and drainboards, furnace.

SCHOOLS

Plans Being Prepared.
ALTERATIONS Cost—
BERKELEY, University Campus (Stephens Union Hall).
Minor alterations and additions of two rooms to be used as storage rooms.
Owner—University of California.
Architect—John Galen Howard, First Natl. Bank Bldg., S. F.

Bids To Be Taken Shortly For Mechanical Equipment.
COLLEGE BLDG. Cost, $1,250,000
MT. VIEW, Santa Clara Co., Cal., bet. Mountain View and Los Gatos.
Four-story reinforced concrete class B college bldg. (Senior Wing 1st unit 40x450 ft.).
Owner—Roman Catholic Archbishop of S. F. (College of St. Joseph).
Architect—Leo J. Devlin, Pacific Bldg., San Francisco.
Contractor — Jas. L. McLaughlin, 251 Kearny St., S. F.
The concrete work is well under way and Mr. McLaughlin will shortly take sub-figures on the mechanical equipment.
Later there will be another wing the same size erected, a large administration building, Sisters quarters, etc.

Contract Awarded.
SCHOOL Cost, $150,000
SAN FRANCISCO, S Pine 143 W Grant Ave. (rear of French church).
Four-story and basement conc. school.
Owner—Roman Catholic Archbishop of S. F., 1100 Franklin St., S. F.
Architect—Cole & Brouchourd, Chico.
Contractor—Jas. L. M. Laughlin, 251 Kearny St., S. F.
Grading awarded to Sibley Grading & Teaming Co.
Figures will be taken shortly for the reinforcing steel.

SAN JOSE, Santa Clara Co., Cal.—Until June 6, 5:30 p. m., bids will be rec. by Trustees of the Hester School District, to construct 1-story concrete 6-room addition to present school, for which bonds of $22,000 were voted. Wyckoff and White, Growers' Bank Bldg., San Jose, architects. **See call for bids under official proposal section in this issue.**

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LOS ANGELES, Cal.—Berkeley Hall School, 2241 4th Ave., has purchased a 77-acre tract at Wilshire Blvd. and Preuss Rd. Ten acres of the site will be used as a location for new school bldgs., which will be erected at a cost of $250,000. The remainder of the tract will be sub-divided.

SACRAMENTO, Cal.—See "Streets & Sewers," this issue. Sacramento Board of Education, Mastic and asphalt floors.

LOS BANOS, Merced Co., California—Until June 2, 2 p. m., bids will be rec. by J. W. Ives, clerk, Los Banos Grammar School District, to const. 4-classroom addition to present school. Cert. check 10% req. with each bid. Plans obtainable from clerk at Los Banos.

GLENDALE, L. A. Co., Cal. — Until 7.30 p. m., June 5, bids will be received by board of education of Glendale City school dist. for erecting school additions as follows:

For erecting a 1-story and part basement addition and an auditorium addition at Glendale Ave. intermediate school; Alfred F. Priest, archt. Separate bids on general constr., plumbing, electric firing and fixtures, heating and for program clocks, bells and fire alarm equipment. Brick constr., comp. tfg., $80,000.

For erecting a 4-room addition at Columbus Ave. school; brick constr., $29,500. Separate bids on general contr. and heating.

Plans and spec. for above work may be obtained at offices of board of education, 107½ S Brand Blvd., Glendale, or at the office of Alfred F. Priest, archt., 719 Fay Bldg., Los Angeles.

LOS ANGELES, Cal.—Until 9 a. m., June 8, bids will be received by the board of education for erecting a new school bldg. at Aldama St. school site, Avenue 50 near Aldama St.; Chas. F. Plummer, archt. It will contain 12 rms., 2-story, brick constr.; $84,000. Plans and spec. may be obtained at the secretary's office, 730 Security Bldg.

LOS ANGELES, Cal.—Until 9 a. m., June 6, bids will be received by the board of education for erecting new school bldgs. as follows:

For erecting a new bldg. at Gulf Ave. school site, Wilmington; Henry F. Withey, archt; 12-rms., brick constr. $84,000.

For erecting an addition to the Belvedere school; Train & Williams, architects; brick constr.; $70,000.

For erecting a new elementary school bldg. at Torrance, Farrell & Miller, architects; brick constr.; $110,000;

For erecting a new bldg. at Coronel school site, 7th and Wilson Sts.; Harwood Hewitt, archt.; brick constr., $83,000.

Plans and spec. for the above work may be obtained at the secy's office, 730 Security Bldg.

HANFORD, Kings Co., Cal.—Trustees of Hanford School District authorize expenditure of $11,000 to purchase 10-acre site in the Donager tract, on which it is planned to erect central grammar school.

LOS ANGELES, Cal.—J. B. Dawson, 500 Fay Bldg., was low bidder at $94,410 on the gen. contr. for erecting a new bldg. at Third St. school site; Robert D. Fraquhar, archt. Low bidders on other contracts were: E. W. Crowell on plumbing at $6373; Frank Davidson on heating at $5140; W. H. Nicholas Elec. Co. on wiring at $1204; and Leo H. Hubbert on painting at $1399.

YUBA CITY, Sutter Co., Cal.—The Board of Education of the Yuba City Union High School District received bids on May 21st for the masonry and concrete work for the shop building. The contract was awarded to The Holdener Construction Co., Fryte Bldg., Sacramento, the lowest bidder at $9820.

SANTA CRUZ, Santa Cruz Co., Cal.—Until June 4, 5 p. m., bids will be rec. by J. W. Linscott, secy. Board of Education, to excavate, fill and for concrete work for foundations and floors for manual training building to be erected in Otis street. Plans on file in office of secretary.

LOS ANGELES, Cal.—C. E. Downs, 2305 Maple Ave., was awarded the gen. contr. at $67,714 for erecting a new school bldg. at 97th St. school site. Paul C. Pape, archt. Other contracts were awarded at follows: Plumbing to E. W. Crowell Co. at $6234; heating to Western Engineering Constr. Co. at $7500; and painting to Leo H. Hubbert at $2011.

REEDLEY, Fresno Co., Cal. — See "Machinery and Equipment," this issue.

LOS ANGELES, Cal.—C. E. Downs, 2305 Maple Ave., was awarded the gen. cont. at $64,419 for erecting a new school bldg. at Green Meadows school site; Krempel & Erkes, archts. Plumbing was let to E. W. Crowell at $5589 and heating was awarded to Frank Davidson at $5610.

COVELO, Cal. — See "Government Work and Supplies," this issue.

LOS ANGELES, Cal. — Bertelsen & Schuldt, 950 Stanford Ave., were awarded the gen. contr. at $48,210 for erecting new school at Glen Alta school site; John R. Kibbey, archt. Contract was let on original bid of $49,210 with a deduction of $1000 for art stone. Other contracts were let as follows: Plumbing to E. W. Crowell at $1464; heating to Frank Davidson at $5500; and painting to Leo H. Hubbert at $1988.

LOS ANGELES, Cal.—Archt. T. Beverley Keim, Jr., Haas Bldg., has been commissioned to prepare plans for a 6-unit addition to the Angeles Mesa school building. It is to cost $50,000. D. S. Reynolds was appointed heating engineer.

LOS ANGELES, Co., Cal. — Darrell Condley Co., 520 Marsh-Strong Bldg., was awarded the gen. contr. at $60,700 for constructing a girls' gymnasium bldg. at Boyle Heights junior high school; A. F. Rosenheim, archt. The contract was awarded on the original bid of $63,500 with a deduction of $2800 for omitting domestic science pavilion. Plumbing was let to E. W. Crowell at $5238 and painting to Robert P. Tuttle Co. at $2125. Bids for heating were rejected and new plans will be prepared for gas radiator htg system.

BANKS, STORES & OFFICES

Plans Complete
ALTERATIONS Cost, $22,500
SAN FRANCISCO, 981-89 Market St.
Terra cotta tile partitions in stores and lofts, remodel front, reinf. concrete work, etc.
Owner—Lesser Realty Inv. Co.
Architect—B. J. Joseph, Call Bldg., San Francisco.

Permit Applied For.
BANK Cost, $20,000
SAN FRANCISCO, NW Ocean & Miramar Aves.
One-story frame and stucco bank.
Owner—Mercantile Trust Co. of Cal., 464 California St., S. F.
Architect—G. A. Lansburgh, 140 Montgomery St., S. F.
Mgr. of Constr.—C. R. Collupy, 464 California, S. F.

Plans To Be Prepared.
STORE & BANK Cost—
OAKLAND, SE 8th & Broadway.
Class A store and bank bldg.
Owner—Banca Popolare Fugazi.
Architect—I. Zanolini, 604 Montgomery St., San Francisco.

Pile Driving Bids Being Taken—Elevator Bids Under Advisement.
OFFICE BLDG. Cost $1,500,000
SAN FRANCISCO, SE Market & Beale Streets.
Seventeen-story and basement class A brick, steel & concrete office bldg.
Owner—Pacific Gas & Electric Co.
Architect — Bakewell & Brown, 251 Kearny St., San Francisco.
Consulting Engineer—C. H. Snyder.
Consulting Mechanical Engineer — Hunter & Hunter.
The excavating is well under way by the Carlin Grading Co.
Bids on other branches of the work will be called for shortly by the Purchasing Department of the P. G. & E.

Contractors Want Bids For Copper Roofing and Roof Steel.
STORES & OFFICES Cost—
SACRAMENTO, Sacramento Co., Cal., SW 10th and J Sts.
Thirteen-story class A reinforced concrete store and office building.
Owner—California State Life Insurance Company.
Engineer—H. J. Brunnier, Sharon Bldg., San Francisco.
Architect—Geo. C. Sellon & Co., Mitau Bldg., Sacramento.
Contractor — Lindgren Co., Monadnock Bldg., San Francisco.
Mechanical Engineers—Leland & Healy Holbrook Bldg., S. F.

Contract Awarded.
STORE BLDG. Cost, $12,000
SAN FRANCISCO, N McAllister 110 E Gough.
One-story and basement reinforced concrete store building.
Owner—Mrs. M. H. Lawrence et al, 910 Steiner St., San Francisco.
Contractor—R. S. K. McMillan, 2641 Howard St., San Francisco.

Plans Completed — Contract To Be Awarded Shortly.
STORE BLDG. Cost, $40,000
OAKLAND, Franklin near 17th St.
One-story reinf. concrete store bldg.
Owner—H. N. Turrell.
Architect—Edw. T. Foulkes, Crocker Bldg., San Francisco.

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Plans Being Prepared.
ALTERATIONS Cost. $3500
SAN FRANCISCO. SW Stockton and Vallejo Sts.
Alter store fronts (Kawneer fronts, tile and hardwood floors, plate glass, marble base, electric work and painting).
Owner—A. Esmiol.
Architect — Fabre & Hildebrand, 110 Sutter St., San Francisco.

Contract Awarded.
STORE BLDG. Cost, $30,000
SANTA BARBARA, Cal.
Hollow tile store building.
Owner—G. T. Marsh & Co., S. F.
Architect—Willis E. Huson, Chronicle Bldg., San Francisco.
Contractor—MacKellar, Santa Barbara.

Plans Being Prepared — Contract Awarded.
OFFICES, ETC. Cost, $40,000
FRESNO, Fresno Co., Cal. SE Main & Van Ness Avenue.
One-story concrete office and store — building, 75x150 (5 stores).
Owner—Dr. F. L. R. Burks.
Lessee — California State Automobile Association.
Architect—H. Rafael Lake and W. J. Crim Jr., 425 Kearny St., S. F.
Contractor—Trewhitt & Shields, Rowell Bldg., Fresno.

Plans Being Figured.—Bids Close May 25, 1923.
MARKET BLDG. Cost, $25,000
SAN RAFAEL, Marin Co., Cal. N-4th Street.
One-story brick and reinforced concrete market building with T. & G. roof, plaster exterior.
Owner—J. Alberts, 510 5th St., San Rafael.
Architect—J. W. Dolliver, Monadnock Bldg., San Francisco.

Contractor Taking Sub-Figures—Steel Contract Awarded.
STORE BLDG. Cost, $40,000
OAKLAND, W Clay bet. 16th and 17th Streets.
One-story reinforced concrete and steel store building (designed to carry 6 stories).
Owner—A. S. Lavinson.
Architect—Edw. T. Foulkes, Crocker Bldg., San Francisco.
Contractor — Fred Muller, Syndicate Bldg., Oakland.
Excavating complete.
Steel awarded to Judson Mfg. Co.

Contractor Taking Sub-Figures.
STORES Cost, $100,000
OAKLAND, Alameda Co., Cal. NW 19th and Broadway.
Two-story and basement Class B store and office building (designed for 8 stores.)
Owner—E. C. Lyons.
Architect — Edw. T. Foulkes, Crocker Bldg., San Francisco.
Contractor — Fred Muller, Syndicate Bldg., Oakland.
The excavating is completed.

Segregated Figures Being Taken By Owners.
OFFICE BLDG. Cost, $50,000
SAN FRANCISCO, E Powell St. 92½ N Sutter (45 ft. frontage).
Three-story class C office building.
Owner—Proctor & Chamberlain, Mills Bldg., San Francisco.
Architect — Bakewell & Brown, 251 Kearny St., San Francisco.
A portion of the building has been leased to Architect H. H. Gutterson and Ray Coyle, interior decorator.

Contract Awarded.
BUILDING Cost, $45,000
SAN FRANCISCO. N Pine St., 45 W Kearny St.
Two-story and basement concrete bldg.
Owner—Louis R. Lurie, 315 Montgomery St., San Francisco.
Architect — O'Brien Bros., 315 Montgomery St., San Francisco.
Contractor—Fred Hansen, 251 Kearny St., San Francisco.

Plans Being Figured.
STORE BLDG. Cost, $——
SAN FRANCISCO. West Portal Ave.
One-story reinforced concrete store building.
Owner—Milton H. Lees.
Architect—Morrow & Garren, Chronicle Bldg., San Francisco.

Ready for Figures Saturday.
SALES BLDG. Cost, $50,000
MERCED, Merced Co., Cal.
One-story concrete sales building.
Owner—Louis R. Lurie, 315 Montgomery St., San Francisco.
Lessees—Fleutsch & Lewis Motor Co., Merced (Studebaker Agents).
Architect — O'Brien Bros., 315 Montgomery St., San Francisco.
Figures will be taken for a general contract from Merced contractors.

Plans Being Prepared.
OFFICE BLDG. Cost, $100,000
SAN JOSE, Santa Clara Co., Cal., S 3rd St., North of San Fernando. Three-story class "C" store and office bldg., 75x137 ft.
Owner—Pacific Gas & Elec. Co.
Architect—Engineering Dept., 445 Sutter St., S. F.

Contracts Awarded.
STORE BLDG. Cost, $23,000
OAKLAND, Alameda Co., Cal., Grand Ave.
Two-story reinforced concrete store bldg.
Owner—F. B. Fernhoff.
Architect—W. E. Schirmer, Thayer Bldg., Oakland.
Contractor—Fred Muller, Syndicate Bldg., Oakland.

Contract Awarded.
STORE BLDG. Cost, $35,785
PALO ALTO, Santa Clara Co., Cal., NE Waverly St. & University Ave.
Reinforced concr store bldg., (6 stores)
Owner—Carol D. Cranston and Jessie K. Smith, Palo Alto.
Architect—Birge M. Clark, 600 Embarcadero, Palo Alto.
Contractor—Wells P. Goodenough, 310 University Ave., Palo Alto.

Contract Awarded.
STORE BLDG. Cost, $23,000
SAN JOSE, Santa Clara Co., Cal., San Pedro near Santa Clara.
One-story fireproof store bldg.
Owner—San Jose Paper Co. 161 West Santa Clara Ave., San Jose.
Architect—W. J. Page.
Contractor—Jorgensen & Cook 651 Prevost St., San Jose.

Contract Awarded.
BUILDING Cost, $16,000
GILROY, Santa Clara Co., Cal., W Monterey bet. 4th and 5th.
Concrete building.
Owner—Roth Winans Co., Gilroy.
Contractor—Wm. Radtke, Gilroy.

LOS ANGELES, Cal.—Cline-Cline Co. has secured a 99-year lease on property at n.e. Cor. Las Palmas Ave. and Hollywood Blvd. and will erect a 6-story and basement class A mercantile bldg. The site is 90x120 ft. F. J. Soper, Kerckhoff Bldg., will be the archt.

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SAN FRANCISCO
LOS ANGELES

GLENDALE, L. A. Co., Cal.—Archt. Alfred F. Priest, 719 Fay Bldg., L. A., is taking plans for a 6-story, basement and mezzanine story, class A bank and office bldg. to be erected at n.e. cor. Brand Blvd. and Broadway, Glendale, for Glendale branch of Security Tr. & Sav. Bank. It will be 87 by 89 ft., with a 1-story addition, 20x89 ft. The bank will occupy the main fl., basement and mezzanine sto., and there will be 114 offices in the upper stories; steel frame constr., brick walls, terra cotta facing, plate glass windows, reinf. conc. fls., oak trim, marble fls. and wainscot in corridors, tiled lavatories, 2 passenger elevators, 1 coin elevator, staff work, steam htg., vacuum cleaning, compressed air. Bids will be taken this week. Bids will be taken separately on the general contract, plumbing, wiring heating and ventilating, elevators, and tile work, Linotile and linoleum, vault equip. and electric fixtures. Contracts for structural steel and terra cotta were awarded some time ago.

SEATTLE, Wash. — MacRae Bros., American Bank Bldg., Seattle, at approx. $80,000 awarded contract to construct 4-story fireproof addition to Cowley Estate bldg., 1413 Fourth Ave., for use as stores and offices. A. Wheatley, architect, Walker Bldg., Seattle.

LOS ANGELES, Cal. — Herbert E. Gauger, Hibernian Bldg., has the contract to erect a store and shop bldg., at 2834 Whittier Blvd. for the Y. M. C. A. Robert H. Orr, 1305 Corporation Bldg., is the archt. The store bldg. will be 222x60 ft. and will contain 10 stores; the shop bldg. for the trade school will be 100x100 ft.; brick constr., pressed brick facing, plate glass windows, steel beams, comp. rfg., metal skylights, cem. fl.; $50,000.

OAKLAND, Cal.—J. A. Turgeon, 2031 Broadway, Oakland, has been awarded a contract for the painting on the 17-story class "A" bank and office building for the Oakland Bank building now under construction on the east side of Broadway, 55 feet north of 12th Street in Oakland. Contract price $11,000. Plans were prepared by Architects Reed & Corlett, Oakland Bank of Savings Bldg., Oakland.

LOS ANGELES, Cal.—Archt. George M. Lindsey, 331 Laughlin Bldg., has been commissioned to prepare plans for alterations and new bank fixtures to be installed in the present quarters of The Bank of America on the ground floor of the Chapman Bldg., 8th and Broadway. The work will include new bank fixtures, conc. and steel vaults, safety deposit dept. in the basement, directors room, lavatories, etc.; marble stairway to basement, marble, glass and hardwd. fixtures, bronze grilles, decorating, electric fixtures; cost $75,000.

LOS ANGELES, Cal.—Edwards, Wildey & Dixon, 515 Black Bldg., have been awarded the general contract at $650,000 for erecting two class A mercantile bldgs. at 9th and Los Angeles Sts., for Milton G. Cooper; Curlett & Beelman, 408 Union Bank Bldg., archts. The bid of Scofield Engineering Constr. Co., at $649,892 was not accepted as it was on a fixed fee, guaranteed cost basis and not as a straight contract. The other bids were: William Simpson Constr. Co., $660,000; Robertson & Evans, $660,000; Clinton Constr. Co., $661,000; T. B. Stewart Constr. Co., $$675,000; J. V. McNeil, $685,000; Weymouth Crowell, $696,900; Macdonald & Kahn, $706,313; C. L. Peck, $708,000; Lange & Bergstrom, $708,500; C. J. Kubach Co., $745,000.

MARYSVILLE, Yuba Co., Calif.—See "Hotels," this issue.

PORTLAND, Ore.—Archts. Houghtaling & Dougan, Elks Temple Bldg., taking bids for 2-story 70 by 130 ft. store and shop building to be erected for N. M. Ungar in Adler street; est. cost $80,000.

LANKERSHIM, L. A. Co., Cal.—Gladding, McBean & Co., San Francisco, were awarded the contract for furnishing terra cotta for new bank bldg. at Lankershim for Security Trust & Savings Bank. John Parkinson and Donald B. Parkinson, 420 Title Ins. Bldg., architects.

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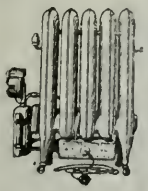

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GLENDALE, L. A. Co., Cal.—L. D. McKeen Constr. Co., 7 Rudy Bldg., Glendale, has prepared working drawings for a 5-story brick and steel office bldg., 90x150 ft., at s.w. cor. Brand Blvd. and Colorado Blvd., for Mrs. Jas B. McEnany, of Glendale, for whom Mr. McKeen is business agent; constr. will not be started for a year when present leases expire; spec. not written.

LOS ANGELES, Cal. — Archts. Curlett & Beelman, 408 Union Bank Bldg., are preparing plans for a 6-story and loft bldg., to be erected on 6th St., bet. Grand and Hope Sts. for the Sun Drug Co. Dimensions, 57x115 ft., conc. exter. walls, plas. and art. stone front, plate glass, comp. rfg., wooden inter. constr., steel sash, elevators, fire escapes.

LOS ANGELES, Cal. Archts. Carlett & Beelman, 408 Union Bank Bldg., are preparing plans for a class A store and office bldg. to be erected on the west side of Spring St., bet. 6th and 7th Sts. for Frick-Martin Co., bond agents. Two-story and basement, 49x155 ft., reinf. conc. frame and fls., brick filler walls, marble front, plate glass windows, comp. rfg., metal skylights, hardwood inter, trim and wall panneling. Terrazzo and tile fls., cork fls., 2 elevators; cost $150,000.

THEATRES

SANTA MONICA, Cal.—The Engineering Service Co., Washington Bldg., has prepared preliminary plans for a 3-story theatre and office bldg. to be erected at 3rd and Arizona Sts. for West Coast Theaters, Inc. It will cost about $200,000.

PORTLAND, Ore.—Archt. Houghtaling & Dougan, Elks Temple, Portland, preparing plans for 2-story concrete theatre to be erected at 47th and Woodstock streets for J. H. Wilson, of New York City. Work also includes remodeling structure adjoining for moving picture purposes; total cost $40,000.

Segregated Figures Being Taken.
THEATRE & STORE Cost, $——
SAN FRANCISCO. S Union St., bet. Buchanan and Webster Sts.
One and two-story Class A and C theatre and store building (1800 seats in theatre) 282x137-6.
Owner—Samuel L. Levin.
Architect—Reid Bros., 105 Montgomery St., San Francisco.
(15543) 1st report Mar. 13; 3rd Apr.

LOS ANGELES, Cal.—Winter Constr. Co., 200 L. A. Ry. Bldg., has the contr. to erect a class C conc. picture theatre bldg. at 4949 York Blvd., for John Sugar Amusement Co. Dimensions 60x120 ft., reinf. conc. exter. walls, plas. and cast stone facing, plate glass, comp. rfg., offices in second story, marble and tile work, opera chairs, Wurlitzer organ, cost $50,000.

LOS ANGELES, Cal.—Scofield Engineering Constr. Co., Pac. Finance Bldg., has been awarded the contr. on a fixed fee basis for erecting a class A theatre bldg. at s.e. cor. 5th St. and Grand Ave. for the Erlanger Syndicate. Schultze & Weaver, Pac. Mutual Bldg., archts. The bldg. will be 100x140 ft., reinf. conc. and brick constr., stone and press. brick facing, terra cotta trim, and will cost about $500,000. Work is to be started at once.

SAN FRANCISCO—Until June 6, 3 p. m., bids will be rec. by Board of Public Works to install electrically operated curtains for correction of acoustic defects in the Municipal Auditorium. The work is estimated to cost $26,000. A bond of $6500 will be required of the successful bidder. Spec. obtainable from Bureau of Architecture, 2nd floor, city hall.

FULLERTON, Orange Co., Cal.—Geo. H. Amerige, local pioneer, has had plans prepared for a modern theatre building, 70x140 ft., 2-story, seating 1300, which he plans to erect on a site east of the present Orange County Ignition Works. Cost approx. $200,000.

MISCELLANEOUS BUILDING CONSTRUCTION

Date of Opening Bids Postponed.
Plans Being Figured—Bids Close May 29, 1923, 10 A. M.
ADDITION Cost, $ ——
SACRAMENTO, Cal.
One-story steel and reinforced concrete addition to Jeffery Shops.
Owner—Western Pacific Railroad Co., Mills Bldg., San Francisco.
Architect—Engineering Dept. of Owner

Segregated Figures Being Taken.
CORTE MADERA, Marin Co., Cal., Chevy Chase Park, bet. Corte Madera and Larkspur Townsite (cottages, stores, clubhouse, auto service station, sewer, gas, water and electric systems.
Owner—Commercial Center Realty Co. and Eng. in charge
Architect—M. J. Lyon, Rm. 905-6, 916 Kearny St., and Premises.
NOTE—This is a new tract, located on the Old Pixley property on the highway, between Corte Madera and Larkspur; two miles of road have to be constructed. Figures are being taken on all parts of the work.

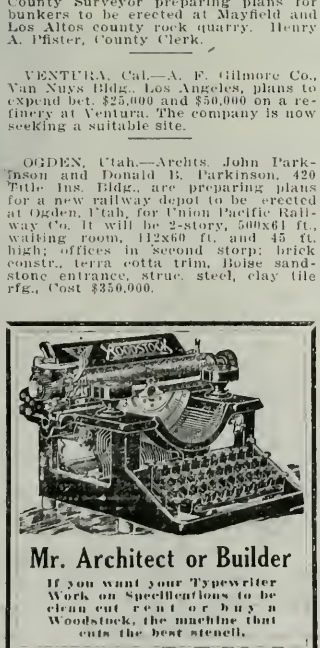
Figures to be Taken Shortly.
SWIMMING TANK Cost, $——
OAKLAND, Alameda Co., Cal. Mills College Grounds.
Concrete swimming tank.
Owner—Mills College.
Architect—W. H. Ratcliff Jr., First National Bank Bldg., Berkeley.

SAN PEDRO, Cal.—Santa Fe Railway officials announce plans for the erection of a passenger and freight depot in the Harbor District, following approval given by voters of Los Angeles to the proposed harbor. Work on a 12-in. stretch of road between El Segundo and Wilmington will start within 90 days. The station will cost 100,000 and the other improvements will amount to approx. $1,500,000.

SAN JOSE, Santa Clara Co., Cal.—County Surveyor preparing plans for bunkers to be erected at Mayfield and Los Altos county rock quarry. Henry A. Pfister, County Clerk.

VENTURA, Cal.—A. F. Gilmore Co., Van Nuys Bldg., Los Angeles, plans to expend bet. $25,000 and $50,000 on a refinery at Ventura. The company is now seeking a suitable site.

OGDEN, Utah.—Archts. John Parkinson and Donald B. Parkinson, 420 Title Ins. Bldg., are preparing plans for a new railway depot to be erected at Ogden, Utah, for Union Pacific Railway Co. It will be 2-story, 500x61 ft., waiting room, 112x60 ft. and 45 ft. high; offices in second story; brick constr., terra cotta trim, Boise sandstone entrance, struc. steel, clay tile rfg., Cost $350,000.



BERKELEY, Cal.—The Clinton Construction Co., 926 Folsom St., San Francisco, has awarded the following subcontracts in connection with the completion of the Memorial Stadium in Strawberry Canyon in Berkeley, for which they were recently awarded the contract at $511,740. Plans were prepared by a commission composed of E. E. Carpenter, Geo. F. Buckingham and John Galen Howard, with offices in the Crocker Bldg., San Francisco.
Iron railing awarded to Monarch Iron Works, San Francisco.
Plumbing to Turner Co., San Francisco.
Electric work to Newberry Elec. Co., San Francisco.
Reinforcing steel to Badt-Falk Co., San Francisco.
Sub-figures are being taken for lumber, concrete materials, (sand rock gravel) and road work.

SAN BERNARDINO, Cal.—A. T. & S. F. Ry. has appropriated $840,000 for new structures and additions to the railroad shops and yards at San Bernardino. The work includes a new machine shop, and pipe shop costing a total of $710,000 and a turntable costing $100,000. Acting gen. mgr. W. K. Etter, A. G. Wells, vice pres., A. G. Armstrong supt. of shops and W. B. Storey, pres., have been on the site looking over the yards.

PORTOLA, Plumas Co., Cal.—Walker Mining Co. has authorized increase of 500,000 shares of capital stock to finance construction of smelter. At present concentrates and crude ore are shipped to Utah smelters.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Further information regarding these opportunities may be had from Domestic and Foreign Trade Department of San Francisco Chamber of Commerce, Merchants Exchange Bldg.:

D-564—Chelsea, Mass. Eastern Manufacturers of crushing, grinding, mixing and sifting machinery desire sales agent to prosecute the sale of their machines for California or the Pacific Coast.

D-565—Portland, Ore. Party is interested in representing San Francisco manufacturers in Oregon and Washington territory in the house-furnishing line.

D-566—New York City, N. Y. Manufacturers of screw caps, containers and specialties desire to get in touch with active aggressive agents to handle their products this market.

D-570—South Pasadena, Calif. Party can furnish a large tonnage of calcium carbonate which is a high-grade lime with a guaranteed analysis of 99 1/10% pure and ground to 200 mesh.

D-571—Prince Rupert, B. C. Party desires to be put in touch with firms who make fuel oil burners — wants catalogs and prices.

7030 — San Francisco, Calif. British manufacturer is desirous of finding a market in this district for the sale of their gold leaf.

7032 — San Francisco, Calif. United Kingdom firm of manufacturers of art wicker and cane furniture are desirous of finding a market in this district for the sale of their willows.

7033—Seattle, Wash. Gentleman with a number of years in foreign fields as an executive seeks a position in foreign department of some local firm. Speaks Spanish fluently.

7034—San Francisco, Calif. Inventor of a novel system of irrigation is desirous of undertaking negotiations for the sale or manufacture of his appliances.

7035—Tokio, Japan. Japanese manufacturers of electrical fancy lamps, pear shaped colored lamps for Christmas, miniature flash-light bulbs, and lamps for motor cars, wishes to be put in touch with local importers of these goods.

7039 — Paris, France. Import-Export house is desirous of making connections with local houses interested in trading with France.

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Official Proposals

NOTICE TO BIDDERS

(Stege Sanitary District)

Notice is hereby given that the Stege Sanitary District Board at their next regular meeting, **Friday, June 1st, 1923, at 8 P. M.**, will receive and open bids for sewer extensions on Moser Lane, Blake Street and Elm Street, in the City of El Cerrito, and described as follows:

514.6 feet of 6 inch sewer on Moser Lane between San Pablo Ave. and Lexington St., to include 2 manholes.

142.25 feet of 6 inch sewer on Blake Street extended north from end of present sewer, including one lamphole.

265.6 feet of 6 inch sewer on Elm Street, north from end of present sewer including one manhole and one lamphole.

The above named sewers are to conform to plans and specifications which will be on file after May 15th with J. E. Peters, 188 San Pablo Ave., and will be open at that address for inspection by interested parties.

It will be necessary to itemize bids, so as to show cost of extra manholes, lampholes, wye connections, etc.

The Sanitary Board reserves the right to reject any or all bids.

H. L. VAN FLEET,
Secretary Stege Sanitary Dist. Board.

NOTICE TO BIDDERS

(Gasoline Shovel and Drilling Outfit)

Pursuant to an order of the Board of County Commissioners of Washoe County, State of Nevada, made and entered on the 5th day of May, 1923, sealed bids and proposals will be received by the undersigned, at the office of the County Clerk of Washoe County, in the City of Reno, County of Washoe, State of Nevada, not later than **10:00 o'clock A. M., Monday, June 18th, 1923**, for the following, to-wit:

One Gasoline Shovel, three-quarter yard capacity, caterpillar type; also

One Portable Gasoline Driven Drilling Outfit.

Bidders to submit bid on each item. Said Board of County Commissioners reserves the right to reject any and all bids and accept the bid best suited to the needs of Washoe County.

E. H. BEEMER,
County Clerk

NOTICE TO BRIDGE CONTRACTORS

(Bridge-Siskiyou County

YREKA, Siskiyou Co., Cal., May 15th 1923

Pursuant to the order of the Board of Supervisors of the County of Siskiyou State of California sealed bids will be received **until ten o'clock A. M. of Friday, June 8th, 1923**, by W. J. Neilon Clerk of the Board of Supervisors at his office in the Hall of Records in Yreka, said county and state, for the construction of a steel bridge over the Klamath River at Klamathon, in Klamath Road District, said bridge to be constructed on site to be selected by Board of Supervisors from two proposed sites now under consideration of board.

Alternate bids will be received on three designs of steel bridges designated on plans as Design "D," "E," and "F."

Design "D"

220 foot span over river (old site).

Design "E."

170 foot span over river.
100 foot span over track.
153 feet trestle approach.

Design "F."

170 foot span over river.
100 foot wooden approach over R. R track
153 feet trestle approach.

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

Said bridge to be erected in accordance with plans and specifications adopted therefor and on file in the office of the said Clerk.

Bidders can secure copies of plans and specifications from Swendler Blue Print Company, 272½ Stark Street, Portland, Oregon, for $15.

All bids to be sealed and accompanied by a certified check of at least ten per cent of the amount bid.

Bids to be endorsed: "Bids for building Klamathon Bridge" and addressed to W. J. Nellon, County Clerk, Yreka, California.

The board reserves the right to reject any or all bids submitted.

By order of the Board of Supervisors
(Seal) W. J. NEILON, Clerk.

NOTICE TO BIDDERS

(Southern Pacific Company)

Pursuant to the regulations of the Interstate Commerce Commission prescribed in its order dated October 6, 1919, in Docket Ex Parte No. 54, the Southern Pacific Company hereby requests bids, and hereby gives notice that it will receive bids for: Repair parts for General Electric Company and Westinghouse Electric & Mfg. Company railway and industrial equipment, excepting gears, pinions and motor brushes as needed for one year from June 1, 1923, in accordance with the specifications hereinafter described.

Bids must be submitted and addressed to the undersigned, at his office, by **12 o'clock noon, Pacific Standard Time, on the 5th day of June, 1923.**

Bids received after that time will not be considered.

Bids will be opened after noon and before six o'clock, namely, at 3 o'clock p. m., at the above mentioned day and place by the undersigned, or his authorized representative.

Bids must be prepared and submitted on the forms prescribed in the regulations mentioned above, which forms will be furnished on request, by the undersigned.

The successful bidder will be required to enter into and execute proposed contract Serial No. B24, containing, substantially, the general terms and conditions as follows: Material to be delivered to Southern Pacific Company f. o. b. factory at place or places designated by bidder. Delivery to be made as required by Southern Pacific Company. Price to be paid upon delivery and acceptance.

The right is reserved to reject any and all bids, and to accept any part of any one bid.

Dated this 22nd day of May, 1923.

SOUTHERN PACIFIC COMPANY,
F. W. Taylor, Purchasing Agent, 65 Market St., Room 952, San Francisco, Cal.

QUANTITY SURVEYOR
and Valuation Engineer
Buildings & Engineering Works
ARTHUR PRIDDLE
693 Mission Street, at Third St.
San Francisco, Calif.
Telephone Douglas 8-4-9-3

NOTICE FOR BIDS

(Cannery Building—Oroville)

Sealed bids will be received by the Board of Directors of the Wyandotte Canneries, Inc., at their office, Room 15, Jones Building, Oroville, California, until **10 o'clock A. M., June 5, 1923**, for the construction of a wooden frame, corrugated iron building with concrete floors and foundations on the company's property in the Lee-Higgins Tract, Oroville, California.

Plans and specifications may be seen at the office of the board in Oroville, California.

The board of directors reserves the right to reject any or all bids.

R. C. BRANDT, Secretary,
Wyandotte Canneries, Inc.

NOTICE TO CONTRACTORS

(Kompolith Flooring)

Notice is hereby given that sealed bids will be received by the Board of Supervisors of Humboldt County, State of California, at the office of the Clerk of said Board, in the Court House, City of Eureka, said county and state, **until Tuesday, June 12th, 1923, at 2 o'clock P. M.**, for furnishing and laying approximately 15,934 square feet of "Kompolith" floor, base and wainscot in the County Hospital at Eureka, California. Specifications for this work are on file in the office of said Clerk to which bidders are hereby referred.

Bidders are requested to state the price per square foot of which they will furnish and lay said material, and each bid must be accompanied by cash or certified check in at least five per cent of the amount of the bid, as a guarantee of good faith, and the Board reserves the right to reject any or all bids.

FRED M. KAY,
Clerk of said Board of Supervisors.

BIDS WANTED FOR CONCRETE SCHOOL

NOTICE TO BIDDERS AND CONTRACTORS

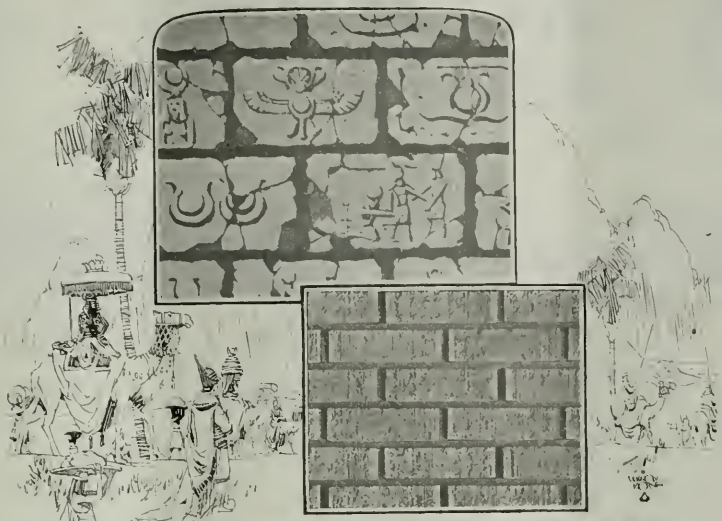
Notice is hereby given that sealed proposals are invited and will be opened by the Board of Trustees of the Hester School District, Santa Clara County, California, at **5:30 p. m., on the 6th day of June, 1923**, in the present school building of said school district, Santa Clara Co., California, for the erection and construction of additional class rooms all for the above named district, all in accordance with plans and specifications made for the same by Wyckoff & White, the authorized Architects, employed by the Board.

Proposals will be received with alternate propositions, for the erection and completion of the additional class rooms, including everything shown and specified.

Plans and specifications can be seen at the office of the Architects, Wyckoff & White, Growers Bank Bldg., San Jose, California.

A deposit of $20.00 cash will be required on all plans loaned out as a guarantee of good faith.

All proposals are to be made out on blank forms, furnished by the Architects, and must be accompanied by a check of not less than five per cent of the amount of the bid, made payable



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ted H. Rainwater, Clerk of the Board, and certified to by some responsible banking house. This check is to be forfeited in the event that the successful bidder, after having been awarded the contract, fails within ten (10) days to sign the contract and furnish good and sufficient bonds satisfactory to the Board of Trustees, and as required by law.

Bids will be received up to and including June 6th, 1923, at 5:30 p. m. and must be addressed to J. H. Rainwater, Clerk of the Board of Trustees, Hester School District, California.

The Board reserves the right to reject any or all bids.

By order of the Board of Trustees, dated June 19, 1923.

PAUL RUDOLPH,
G. A. BEAN,
J. H. RAINWATER,
Board of Trustees.

BIDS WANTED FOR COTTAGE AT AGNEW STATE HOSPITAL

NOTICE TO CONTRACTORS

Sealed bids will be received by Geo. B. McDougall, State Architect, Chief, Division of Architecture, Forum Building, Sacramento, California, **up to, and including 12 o'clock noon, Friday, June 15th, 1923**, said bids then and there to be publicly opened and read, for furnishing all plant, materials and doing the work required for the erection and completion of a Cottage for Employees, Agnews State Hospital, Agnew, California, in accordance with plans and specifications therefor, copies of which may be obtained on application to the Division of Architecture, State Department of Public Works, Forum Building, Sacramento, California.

Such bids will be received for all work complete and must be submitted on forms prepared and furnished by said Division of Architecture.

Cash, a bidder's bond, made payable to the State of California, or a certified check made payable to the "State Engineer, Department of Public Works," in the sum of at least ten per centum (10%) of the amount of the bid, must be enclosed with each bid.

A deposit of Twenty-five ($25.00) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of plans and specifications to the said Division of Architecture, at Sacramento, California, in good condition.

The Division of Architecture, State Department of Public Works reserves the right to reject any or all bids and waive any informality in any bid received.

All bids must be addressed to Geo. B. McDougall, State Architect, Chief, Division of Architecture, Forum Building, Sacramento, California, and plainly marked on the envelope: "Proposal for Cottage for Employees, Agnews State Hospital, Agnew, California."

STATE DEPARTMENT OF PUBLIC WORKS, DIVISION OF ARCHITECTURE.

GEO. B. McDOUGALL,
State Architect
R. M. MORTON,
Director of Public Works.

NOTICE TO BIDDERS

(Garbage Incinerator)

The City of Sacramento will entertain proposals for the erection of a garbage and refuse incinerator. It shall be a high temperature forced draft type, mechanically charged, and should be able to reduce to clinker, garbage, refuse and general municipal waste; combustion in the furnace must be complete and the escaping gases to the atmosphere free from dust and objectionable odors; and it shall have a capacity of one hundred and fifty (150) tons per day.

All proposals must be accompanied by plans, specifications, estimates of cost of operation on a tonnage basis.

All proposals must be presented by bona fide bidders who have had previous experience in this line of work, and can give references where their plants are in operation in other municipalities.

The City of Sacramento will give preference to that proposal which can be constructed at the least cost and fulfill all the requirements enumerated in the specifications therefor, and can be operated successfully at the lowest cost.

The City Council, however, reserves the right to reject any and all bids, or to accept that proposal which it may deem best for the City as a whole, regardless of whether or not it is the plan which can be constructed for the least cost.

Bids will be received up to the hour of **nine o'clock p. m., of June 21, 1923.**

H. G. DENTON,
City Clerk of the City
of Sacramento.

BIDS WANTED

(Reedley Joint Union High School District)

The Board of Trustees of the Reedley Joint Union High School District invites sealed proposals for machinery and equipment for the teaching of automechanics and machine shop practice. Further details and specifications may be obtained from E. W. Hauck, High School Principal, Reedley, California. Proposals may be submitted on part or all items. Alternative bids will be considered. Prices submitted shall be f. o. b. Reedley, California, with time of delivery stated. Bids must be accompanied by illustrations with printed or typewritten description.

Bids will be received up to **8 p. m., Monday, June 11, 1923.** The Board reserves the right to reject all or any part of part of any or all bids.

MARION DENEEN,
Clerk of the Board of Trustees,
Reedley Joint Union High School
District.

BIDS WANTED FOR HIGHWAY IMPROVEMENT

STATE OF CALIFORNIA

DEPARTMENT OF PUBLIC WORKS

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of **the California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock p. m., on June 4, 1923,** at which time they will be publicly opened and read for construction in accordance with the specifications therefor to which special reference is made, portions of State Highway as follows:

Los Angeles County, between Fish Canyon Road and Azusa (VII-LA-9-G) about one (1.0) mile in length, to be graded and paved with Portland Cement concrete.

Plans may be seen and forms of proposal, bonds, contracts and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineers' offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal for full directions as to bidding, quantities of work to be done, etc.

The Department of Public Works, acting by and through the California Highway Commission, reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

H. M. TOY,
LOUIS EVERDING,
N. T. EDWARDS,
California Highway Commission.
R. M. MORTON,
State Highway Engineer.
W. F. MIXON, Secretary.

Dated May 7, 1923.

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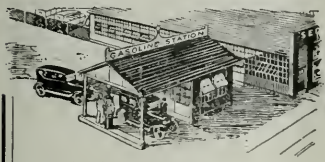
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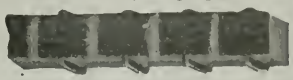

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Engineering News Section

BRIDGES

YREKA, Siskiyou Co., Cal.—Until June 8, 10 A. M., bids will be rec. by W. J. Neilon, County Clerk, to const. steel bridge over Klamath River at Klamathon. J. J. Parrott, County Surv. **See call for bids under official proposal section in this issue.**

SALEM, Ore.—Until May 28, bids will be rec. by State Highway Comm., meeting in Multnomah county courthouse, Portland, to const. bridge over Grande Ronde river at La Grande, involv. 495 cu. yds. conc.; 65,000 lbs. rein. steel; 295,000 lbs. structural steel; 200 ft. conc. handrail and 600 yds. excavation. Roy A. Klein, state highway eng.

SAN JOSE, Santa Clara Co., Cal.—Hermanson Bros., San Francisco, who bid $15,376 allowed to withdraw bid when they notify supervisors they are unable to furnish bond. Contract awarded to next low bidders: Herschback and Sciarrino, 498 Park St., San Jose, at $20,331. Surveyor's estimate $22,260.

ELLENSBURG, Ore.—Union Bridge Co., Portland, at $49,897 awarded cont. to const. steel bridge across Yakima river bet. Cle Elum & South Cle Elum.

CONTRA COSTA CO., Cal.—Duncanson-Harrelson Co., Chronicle Bldg., S. F., awarded cont. to make test borings for proposed steel bridge to be constructed by Rodeo-Vallejo Ferry Co. ft. of Hyde St., San Francisco, at a cost of $3,000,000. C. E. Dereleth, engineer, 2334 Webster St., Berkeley. The plans have received the approval of the War Department and permission to construct granted by the state.

LOS ANGELES, Cal.—de Waard & Cobham, 297 Granger Bldg., San Diego, submit low bid to Bd. Pub. Wks. to const. reinf. concr. bridge across Pacoima Wash, at Mulholland St. Structure will consist of two 65 ft arch spans with 24 ft. roadway. It will have retaining walls on both approaches. Ornam. stone work will be done under separate contr. The bid involves (1) all arch centers for lump sum of $1300; (2) steel rods in place, $2545, (3) 495 cu. yds. A conc. at $16 yd.; (4) 253 cu. yds. C conc. at $17.50 yd., (5) 681 cu yds. D conc. at $15.90 yd.; (6) 3500 cu. yds. earth filling at 80c yd. Other bids were:

Davison & Nicolsen, (1) $2798.90; (2) $2400; (3) $20; (4) $21.50; (5) $13.60; (6) $1.

W. M. Ledbetter & Co., (1) $3000; (2) $2400, (3) $18.40; (4) $18.40; (5) $18.40; (6) 80c.

Joe Jordan (1) $3722.50; (2) $2445.96; (3) $16.12; (4) $21.50; (5) $16.28; (6) $1.35.

Mercereau Bridge & Constr. Co. (1) $4000; (2) $2911; (3) $23; (4) $26; (5) $20; (6) $1.50.

Charles Thompson and Charles U. Heuser (1) 4400; (2) $3500; (3) $20; (4) $27, (5) $22; (6) $1.40

OAKLAND, Cal.—Until June 11, 10 A. M. bids will be rec. by Geo. E. Gross, County Clerk, to widen conc. bridge over San Leandro creek in 14th St., Eden Township, involv. 1,000 cu. yds. grading and excavation, 700 cu. yds. conc., 38,000 lbs. rein. steel and removal of portions of old structure and walls, cutting through old wing walls removal and replacing old conduits, sewers, electroliers, etc.; const. 30 lin. ft. conc. curb and gutter, 650 sq. ft. conc. walks, 2,800 sq. ft. conc. and asph. conc. pavement, 800 sq. ft. asph. wearing surface in bridge. Est. cost, $23,000. Cert. check 10% payable to clerk req. with each bid. Geo. A. Posey, County Surveyor.

SANTA ROSA, Sonoma Co., Cal.—W. L. Proctor, Rosenberg Bldg., Santa Rosa, at $28,338 submits low bid to city council to const. rein. conc. slab and girder type bridge in "A" St. Other bids: Butte Electrical Equipment Co., $34,968; John Kristch, $24,980. Taken under advisement until June 5.

EUREKA, Humboldt Co., Cal.—Until June 12, 2 p. m., bids will be rec. by Fred M. Kay, county clerk, to const. covered wooden truss bridge over Booth's Run near Lawrence Creek in Rd. Dist. 3. Cert. check 10% req. Plans on file in office of clerk. A. J. Logan, county surveyor.

MARTINEZ, Contra Costa Co., Cal.—State Engineer W. F. McClure officially notifies Contra Costa County supervisors of his approval of plans for proposed bridge across San Joaquin river, east of Antioch. The structure will be financed by the Delta Bridge Corporation. The Contra Costa County supervisors have granted a franchise to the company to build the structure.

DREDGING, HARBOR WORKS AND EXCAVATIONS

LOS ANGELES, Cal.—San Francisco Bridge Co., 1005 Nevada Bldg., San Francisco submits low bid to U. S. Engr at 32.1c cu. yd. or a total of $419,226 to dredge 1,306,000 cu. yds. in area 3, entrance to Los Angeles harbor. Fred C. Franks Contr. Co., 485 California St., San Francisco, submitted lowest bid at 19.95c cu. yd. or a total of $337,953 for dredging 1,694,000 cu. yds in areas 4, 5 and 6. The bids were:

San Francisco Bridge Co.—(1) area 3 only, 32.1c cu. yd. or a total of $419,226 for 1,306,000 cu. yds.; (2) areas 4 and 6, 33.1c cu. yd or a total of $281,350 for 850,000 cu. yds.; (3) areas 3, 4 and 6, 34c cu. yd. or a total of $733,040 for 2,156,000 cu. yds; (4) areas 4, 5 and 6, 34c cu. yd. or a total of $575,960 for 1,694,000 cu. yds.; (5) areas 3, 4, 5 and 6, 29.2c cu. yd. or a total of $876,000 for 3,000,000 cu. yds.

Fred C. Franks Contr. Co. — Bid on areas 4, 5 and 6 only, 19.95 cu. yd. or a total of $337,953.

United Dredging Co., Los Angeles—(1) 33.7c cu. yd. or a total of $440,830; no bid on (3); (4) 31.87c cu. yd. or a total of $536,353; (5) 31.48c cu. yd. or a total of $944,400.

L. A. Dredging Co., Long Beach—(1) 39c cu. yd. or a total of $509,340; (2) 39c cu. yd. or a total of $331,500.

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SANTA BARBARA, Cal.—City fails to vote $1,000,000 bond issue, portion of which was to finance harbor improvements.

COSTA MESA, Cal. — The Orange County harbor chamber of commerce recommends that county taxpayers vote a $2,000,000 bond issue to imp. county harbor. Tom Talbert, county commissioner, is one of the backers of the movement. Mayor Schnitker, of Newport Beach, has suggested a tri-county port assn. composed of Riverside, San Bernardino and Orange counties.

SANTA MONICA, Cal.—Murdock & Condee, 1715 W. 24th St., L. A., submits low bid to supervisors at $17,662.50, using (a) wooden top to const. top, etc., on present storm drain at mouth of Santa Monica Canyon, one mi. n. w. of Santa Monica for the County Flood Control Dist., involv. 225,000 ft. B. M. Douglas fir. Frank H. Greene submitted low bid at $29,840 using (b) concr. top, involv. 800 cu yds. concr. The bids were: W. M. Ledbetter & Co., (a) $22,162.50, (b) $36,800; W. D. McCray, (a) $31,500, (b) $49,600; Prendergast Constr. Co., (a) $25,200 (b) $29,920; Mercereau Bridge & Constr. Co., (a) $19,575, (b) $37,200; Chas. G. Frisbie Co., (a) —, (b) $38,200; Chas. Thompson and Chas. U. Heuser, (a) $24,750, (b) $44,560; Frank H. Greene (a) $18,675, (b) $29,840; Murdock & Condee, (a) $17,662.50, (b) $32,800.

REDWOOD CITY, San Mateo Co., Cal.—Until June 4, 10 A. M., bids will be rec. by Elizabeth M. Kneese, County Clerk, to const. retaining wall on Poor Farm Fd. to Crystal Springs Rd. about ½-mi. north of county poor farm, 2nd Rd. Dist. Cert. check 10% payable to county req. Spec. on file in office of Clerk. Geo. A. Kneese, County Serv.

WASHINGTON, D. C.—See "Government Work and Supplies," this issue.

IRRIGATION PROJECTS

VISALIA, Tulare Co., Cal.—Preliminary steps have been taken to form Vandalia Irrigation District comprising about 1500 acres in the Vandalia district. Improvements costing $150,000 are planned.

OROVILLE, Butte Co., Cal.—Engineers Ellery, Frost & Patten, 625 Market St., San Francisco, have prepared preliminary report for irrigation works for Honcut-Yuba Irrigation District in Butte County. The San Francisco engineers are working in conjunction with McCray Bros., engineers, 82 S-10th St., San Jose.

YREKA, Siskiyou Co., Cal.—Homer J. Gault and Foster Towle, engineers for U. S. Reclamation Service, in report submitted at Washington, estimate the cost of irrigating lands included in the proposed Klamath-Shasta Valley Irrigation project at $200 to $456 per acre and possibly more. Four plans are submitted for the project, the first involv. the irrigation of 65,000 acres, together with the construction of six power plants at a total cost of $29,674,465. The other three plans do not include power projects. Plans 2 provides for irrigation of 65,000 acres at a cost of $21,392,640; plan No. 3 to irrigate 32,000 acres in north half of valley for $11,014,198 and plan No. 4 for 25,000 acres in north section of valley for $5,019,770. Plan No. 1 calling for a diversion dam in the Klamath river, canals, laterals, tunnels, etc., together with the construction of six power plants, would preclude any additional development by the power company. Copies of the report will be filed with State Engineer W. F. McClure within the next few weeks.

OROVILLE, Butte Co., Cal.—June 15 is date set by directors of Table Mountain Irrigation District to vote bonds of $125,000 to finance construction of irrigation works. Plans for the improvements have been completed by Engineers J. M. Howells, chief engineer for district and S. J. Norris, consulting engineer, Oroville. John Brereton, Jr., is secretary of the district.

LIGHTING SYSTEMS

SANTA CRUZ, Santa Cruz Co., Cal.—City Council adopts spec. for electrolier system in portions of Morrison, River, Water, Front and Washington Sts. and Pacific Ave. extension. Will be single lamp standards, 77 in all, Union metal design No. 807, 13 ft. 9 in. high, C. I. base 36-in. above sidewalk; col. of 2-ply, non-oxiding, galv. pressed steel, lock seamed. Tops will have G. E. form 12, Novaluse, Cat. "O" casing, No. 103 globe and No. 1103 glass canopy. Jas. K. James, City Eng.

PASADENA, Cal.—Until 10 A. M., May 31, bids will be rec. by city directors to const. ornm. light. sys., complete (using 62 iron and copper lighting posts) in Hudson Ave., bet. Colorado St. and Oakwood Pl. Cert. check or bond, 10%. W. C. Earle, City Eng.

LOS ANGELES, Cal.—Until 10 A. M., June 4, bids will be rec. by Bd. Pub. Wks. to const. ornam. light. system in Western Ave., bet. Hollywood Blvd. and 50 ft. N of Lexington Ave.

REDLANDS, Cal.—Southwest Elec. Co., Redlands, awarded contr. at $4950 to const. ornam. light system with 79 singel standard concr. posts on Fourth and Eureka Sts. Russell Electrical Co. only other bidder at $5200.

LOS ANGELES, Cal.—City Council orders constr. of lighting posts and appliances in Hollywood Blvd., bet. Vermont Ave. and 50 ft. w. of Vine St.; 1911 Act.

EUREKA, Humboldt Co., Cal.—H. G. Aune, representing the Western Electric Co., in Eureka, has contract at approx. $3500 to install lighting system in Second street. Poles will be 35-ft. tall.

LOS ANGELES, Cal. — Council declares inten. to const. ornam. lighting sys. in 6th St., bet. Grand Ave. and Figueroa St.

LOS ANGELES, Cal — Council declares inten. to const. ornam lighting system under 1911 Act, in Canal Ave., bet. J and Anaheim Sts., Wilmington; Cahuenga Ave., bet. Hollywood and Sunset Blvds.

SOUTH PASADENA, Cal. — Until 5 p. m., June 11, bids will be rec. by city clerk Nettie A. Hewitt, to const. ornam. light. sys. with 10 conc. single light standards on Camden and Court Sts. 1911 Act.

MACHINERY & EQUIPMENT

RENO, Nevada — County Commissioners, E. H. Beemer, Clerk, extend time for opening bids to June 18, for fur. one gasoline shovel, ¾-yd. capacity of the caterpillar type also for one portable gasoline driven drilling outfit. **See call for bids under official proposal section in this issue.**

SAN JOSE, Santa Clara Co., Cal.—County supervisors reject bids for electric hoist for installation at the county rock quarry. Smith-Booth-Usher Co., San Francisco, submitted low bid at $9025. Henry A. Pfister, county clerk.

SEATTLE, Wash.—Until May 25, 10 a. m., bids will be rec. by W. D. Freeman, city purchasing agent, for fur. one 28-in. Universal Iron Worker, Buffalo or eq., for punching and shearing and angle shearing for use of City Lighting Department. Consideration will be given early delivery at time of award.

CLARKSBURG, Yolo Co., Cal.—Until June 6, 8 P. M., bids will be rec. by Mabel H. Heringer, Clerk, Clarksburg Union School District, for fur. one school bus with seating capacity of 35 pupils; to be mounted on Graham Bros. 1½-ton chassis or on Rco Speed Wagon chassis or Republic 1½-ton truck chassis. Bidders to furnish complete spec. Cert. check 10% req.

REEDLEY, Fresno Co., Cal.—Until June 11, 8 p. m., bids will be rec. by Marion Deneen, clerk, Reedley Joint Union High School District, for fur. machinery and equipment for manual training departments. Spec. obtainable from E. W. Hauck, high school principal. **See call for bids under official proposal section in this issue.**

MODESTO, Stanislaus Co., Cal.—Modesto Irrigation District will purchase motor truck for use in connection with construction works in district. C. S. Abbott, sect'y. of dist.

SAN FRANCISCO—See "Government Work and Supplies," this issue.

FRESNO, Fresno Co., Cal.—Until May 30, 3 p. m., bids will be rec. by Mrs. M. P. Bischoff, clerk, for fur. two auto buses for transportation of pupils; 1½-ton chassis, wheel base 158-in., pneu. cord tires with heavy duty tubes; demountable rims and one extra tire; body seating 35 pupils and driver, sliding glass windows. Allowance to be made in bid for two buses now in use. 24

RAILROADS

SAN BERNARDINO, Calif.—See "Miscellaneous Building Construction," this issue.

LA QUEMADA, Mexico—Utah Const. Co., Phelan Bldg., San Francisco at approx. $6,000,000 awarded contract by Southern Pacific Co., to construct lower end of the S. P. main line bet. La Quemada and Tepis, involv. approx. 85-mi. of roadway to be graded and the construction of tunnels. Rails will be laid by the company. Other portions of the 100 miles of road have been let under separate contracts.

SEATTLE, Wash.—Until May 29, 11 a. m., bids will be rec. by W. D. Freeman, city purchasing agent, for fur. 10,000 rough fir ties for street railway dept.

SAN FRANCISCO—Until June 5, 12 m., bids will be rec. by F. W. Taylor, Purchasing Agent, Southern Pacific Co., 65 Market St., for fur. repair parts for G. E. and W. E. railway and industrial equipment, excepting gears, pinions and motor brushes as needed for one year from June 1, 1923. Material to be delivered S. P. Co., f. o. b. factory at places designed by bidder. **See call for bids under official proposal section in this issue.**

SAN PEDRO, Cal.—Eng. Dept. of Santa Fe Rlwy. Co., Kerckhoff Bldg., Los Angeles, preparing plans for single track line between San Pedro and Los Angeles, a part of the $1,500,000 construction program planned between those points. Bids will be asked in about 90 days.

WASHINGTON, D. C.—Oregon Short Line applies to Interstate Commerce Commission for permission to construct 97 mi. of line bet. Rogerson, Ida., to Wells, Nevada. Estimates of cost to construct are not filed with the application.

McCLOUD, Siskiyou Co., Cal.—McCloud River Railroad Co. has crews constructing 11 mi. extension to line from pt. 4 mi. beyond Bartle eastward to vicinity of Bear Mountain. Construction is primarily to tap new timber for operations of the McCloud River Lumber Co.

EUREKA, Humboldt Co., Cal. — A. Walter Kildale, city clerk, instructed to advertise for bids for fur. 20 tons of car wheels for municipal railway system. Bonds were recently voted to finance the purchase.

FIRE ALARM SYSTEMS

MODESTO, Stanislaus Co., Cal.—City Council, L. A. Love, Clerk, adopts ordinance authorizing purchase of 7,000-ft. cable for fire alarm system.

FIRE EQUIPMENT

AUBURN, Placer Co., Cal.—City will vote question of issuing bonds of $10,000 for bettering the fire protection system in Auburn. A. Barleau, City Eng.

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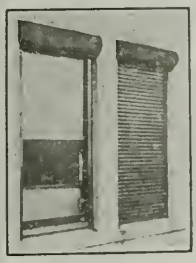

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MODESTO, Stanislaus Co., Cal.—City Council, L. A. Love, Clerk, adopts ordinance authorizing purchase of 2 combination pump hose and pump tank auto fire engines.

MISCELLANEOUS SUPPLIES

RICHMOND, Contra Costa Co., Cal.—Until June 4, 2:30 p. m., bids will be rec. by W. T. Helms, clerk, Board of Education, for fur. and del. among other materials, manual training equipment, hardware, etc. for high & grammar schools. Complete details will be furnished on application.

LOS ANGELES, Cal.—Until 3 P. M., May 29, bids will be rec. by public service comm., 207 S. Broadway, for 30 tons commercial sulphate of copper or Bluestone, f. o. b. cars, Los Angeles, at so much per ton. Spec. No. 671-D. Jas. P. Vroman, secy.

RESERVOIRS AND DAMS

BISBEE, Ariz.—Until 7 p. m., May 28 bids will be rec. by council to const. conc. reservoir. M. L. Butler, city clk.

PIPE LINES, WELLS, ETC.

BURBANK, Cal. — Until 7:30 p. m., May 29, bids will be rec. by city trustees to fur. and lay 6-in. water pipe in Olive Ave., bet. Main and Buena Vista Sts., 4-in. water pipe along a line 15-ft. n. of Olive Ave., bet. Buena Vista St. and Pass Ave.; 1911 Act. F. S. Webster city clerk.

LOS ANGELES, Cal.—Mexican Petroleum Co. has been granted a franchise to build 28 miles of pipe line from Santa Fe Springs to the coast. The Company contemplates the construction of refineries, storage farms, and pumping stations, totaling about $15,000,000. The pipe line referred to will cost $150,000.

SAN DIEGO, Cal.—Bids will be called shortly to const. wood stave pipe line from Lower Otay reservoir to Bonita. Plans and spec. prepared by Hydraulic Engr. H. N. Savage. The work will be done under the recent $450,000 bond issue. The pipe is planned to give the city an additional carrying capacity from the impounding to the water distributing system.

LOS ANGELES, Cal.—Until 10 a. m., May 25, bids will be rec. by harbor comm., 312 Byrne Bldg., for pipe fittings for sheds at Berths 175 and 232, under spec. No. 476. Guy W. Wade, secy.

PORTLAND, Ore.—City commission will ask bids about July 1 to const. third conduit from the Bull Run headworks to the city; will be about 30 mi. long; est. cost $1,000,000.

PASADENA, Cal. — The American Casting Co., the Grinnell Co. and the Mark-Lally Co., were awarded contrs. totalling $39,704.04 for furnishing pipe and fittings for the city water department. The Dorr Co. was awarded the contract at $22,973 for fur. screens and clarifiers for the sewage disposal plant, this bid being the only one offered.

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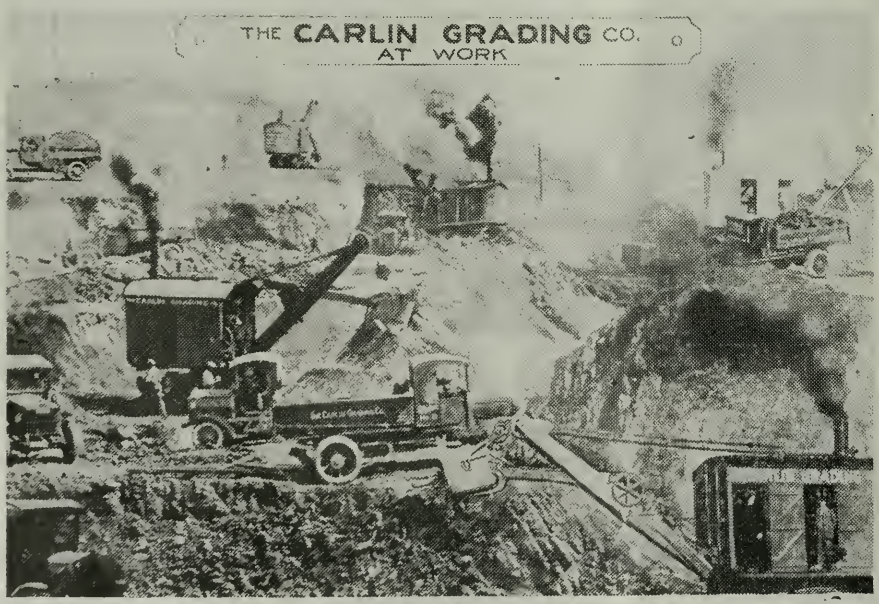

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LOS ANGELES, Cal.—Lacy Mfg. Co., Washington Bldg., submitted low bid to public service commission at $5.23 ft. for riveted sheet pipe under spec. 668. Other bids were: L. A. Mfg. Co., $5.28; Baker Iron Wks., $5.39; Llewellyn Iron Works, $5.40.

LOS ANGELES, Cal.—Until 3 p. m., June 5, blds will be rec. by public service comm., 207 S Broadway, for c. i. water pipe as follows: 300 pcs. 8-in. 12-ft. lengths, of 570 lbs per length, f. o. b. cars san Pedro; 500 pcs. 8-in. in 12-ft. lengths of 570 lbs per length, f. o. b. Aqua Siding; 400 pcs. 8-in. 12-ft. lengths of 570 lbs. per length, f. o. b. Enterprise St. yard; 500 pcs. 10-in. in 12 ft. lengths of 765 lbs. per length, f. o. b. Enterprise St. yard; 100 pcs. 12-in. in 12 ft. lengths of 985 lbs. per length f. o. b. Enterprise St. yard; 1000 pcs. 12-in. in 12-ft. lengths of 985 lbs. per length f. o. b. Aqua Siding; 700 pcs. 6-in. in 12-ft. lengths of 400 lbs. per length f. o. b. Aqua Siding; 1200 pcs. 4-in. in 12-ft. lengths of 260 lbs. per length f. o. b. Aqua Siding. Cert. check or bond 10%. Spec. No. 671-B. Jas. P. Vroman, secy

LOS ANGELES, Cal.—Until 3 P. M., May 29, blds will be rec. by public serv. comm., 207 S. Broadway, for riveted sheet steel pipe under spec. No. 672. Jas. P. Vroman, secy.

ALHAMBRA, Cal. — Until 5 p. m., June 4, bids will be rec. by city comm. for c. i. bell and spigot water pipe of class B type with class D fittings as follows: 11,810 ft. 4-in.; 4250 ft. 6-in. and 320 ft. 8-in. pipe; various tees, plugs, bends, crosses, etc. First alternative: delivery f. o. b. dock, San Pedro; second alternative, delivery along side trench Alhambra. Cert. check 25% payable to Grant M. Lorraine, city mgr.

DENVER, Colo. — See "Government Work and Supplies," this issue. U. S. Rec. Service.

PASADENA, Cal.—See "Sewage Disposal Plants," this issue.

SAN BERNARDINO, Cal.—Until 7 p. m., May 29, blds will be rec. by board of water commissioners for starter; 75 ft. 20-in. well casing; and casing loose joints; all f. o. b. San Bernardino, 15 days from award of contr. John H. Osborn, city clerk. Cert. check 10%.

SEWAGE DISPOSAL PLANTS

PASADENA, Cal.—See "Pipe Lines & Wells," this issue.

PASADENA, Cal. — The American Casting Co. awarded contract at $12,692.01 for fur. iron pipe and fittings, item 1, for the sewage disposal plant. Mark-Lally Co. awarded contract at $34,348.10 for similar supplies in items 2 and 3. The Dorr Co. awarded contract at $22,937 for fur. screen and clarifier equipment.

SAN JOSE, Santa Clara Co., Cal.—Chamber of Commerce conferring with Geo. Sullivan of Eng. Dept. of University of Santa Clara and Edwin T. Ross, State Health Inspector, regarding sewage disposal system for cities of San Jose and Santa Clara.

MISCELLANEOUS CONSTRUCTION

FOLSOM, Sacramento Co., Cal.—Geo. Holmes, 612 Hobart Bldg., San Francisco, has been appointed construction and designing engineer for the new rock and gravel plant for the Pratt Rock and Gravel Co., 518 Hearst Bldg., San Francisco. Construction will be started within 60 days.

SACRAMENTO, Cal.—June 21, 9 p. m. bids will be rec. by H. G. Denton, city clerk, to erect garbage and refuse incinerator; to be high temperature forced draft type, mechanically charged capacity of 150 tons a day. Bidders to furnish specifications. Albert Givan, city eng. **See call for bids under official proposal section in this issue.**

WATER WORKS

BELVEDERE, Cal.—Belvedere Water Corp., which has been organized to take over the property and service of the Belvedere Water Co., serving the Belvedere dist. east of the Los Angeles city limits, has applied to the Railroad Comm. for authority to transfer the property and to issue $300,000 first mortgage bonds to pay for same and to make necessary additions, improvements and betterments to its system.

HERMOSILLO, Mex.—See "Streets & Sewers," this issue.

LOS ANGELES, Cal.—United Casting Co., 818 Wilson St., submitted low bid to public service comm., at $37.25 each for 300 fire hydrants under spec. 664. Keystone Iron & Steel Wks. bid $39.40. Bids referred to the supply comm.

BAKERSFIELD, Kern Co., Cal.—Directors of Bakersfield Municipal Water District appropriates $23,800 to defray expense of preliminary work in a plan to have the city take over the two water plants supplying the city.

LOS ANGELES, Cal.—Llewellyn Iron Works, Main and Redondo Sts., Los Angeles, awarded contr. by public serv. comm., at $6810 to const. one riveted sheet steel water tank in Tampico Ave., under spec. 668-B.

SAN BERNARDINO, Cal. — City council is discussing a bond election to vote an issue of $80,000 for the purpose of providing funds to bring the Devil Canyon waters to the city. It would involve drilling two wells and necessary reservoirs. F. C. Finkle, hydraulic engr., and C. E. Johnson, city engr.

SANTA BARBARA, Cal.—City falls to vote bonds of $1,000,000 for water supply improvements; purchase of Ambassador Hotel grounds and for harbor improvements.

DAVENPORT, Wash.—Until June 27, 8 P. M., bids will be rec. by Nan C. Ingle, City Clerk, to const. additions to water supply system, involv. one 150,000-gal. elevated tank (alt. designs, steel and conc. tower); 900 lin. ft. new 8-in. main (alt. steel and c. ii pipe); changes in piping systeg at pump house, includ. altitude control valve, gate valve and specials. Cert. check 10%, payable on any Washington state bank req. Plans on file in office of clerk or obtainable from Eng. R. M. Murray, 326 Hutton Bldg., Spokane, Wash., on deposit of $10, returnable.

LOS ANGELES, Cal.—Llewellyn Iron Wks., Main and Redondo Sts., Los Angeles, submitted low bid to public service comm., at $6810 for one riveted sheet steel water tank to be erected on Tampico Ave., approx. 150 ft. n. of Yocum St., Bairdstown. Other bids were: Chicago Bridge & Iron Wks., $7600; Baker Iron Wks., $8421.

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DELANO, Kern Co., Cal.—Bids have been ordered received to construct extensions to distributing system of municipal water works plant for which bonds of $45,000 were recently voted. John S. Bates, Rowell Bldg., Fresno, is engineer.

SACRAMENTO, Cal.—State Reclamation Board, Forum Bldg., Sacramento, plans installation of additional pumping plants in territory east of the east levee of the Sutter By-Pass. A contract for these plants was let some months ago but was cancelled as the contractor refuses to accept the reclamation warrants in payment. Means of financing the installations will be worked out and bids asked shortly.

GLENDALE, Cal.—Chicago Bridge & Iron Works, Rialto Bldg., San Francisco awarded contr. by council at $6665 for fur. and install. steel water tank, 42 ft. dia., 30 ft. high, of 300,000 gal. capacity, in Glendale Hts.

GLENDALE, Cal.—Until 7 p. m., June 4, bids will be rec. by council for fur. one centrifugal pump of 1200 gal. per minute against a 320 ft. head; one 150 h. p. 3 phase, 4 pole, 50 cycle, 2200 volt, 40 degree squirrel cage induction motor for direct connection to the above pump;; float switch and automatic remote control starting equip. for the above motor.

STOCKTON, San Joaquin Co., Cal. — Pacific Gas and Electric Co., 445 Sutter St., San Francisco, has authorized installation of deep well water pump at Pumping Station No. 2, Stockton. John H. Flagg is Stockton representative of company.

SANTA CLARA, Santa Clara Co., Cal. —Campbell and Budlong, 890 So. First St., San Jose, at $3990 awarded cont. by town trustees to install 3 deep well turbine pumps in muny water plant.

STOCKTON, San Joaquin Co., Cal.—Pacific Gas and Electric Co., 445 Sutter St., San Francisco, appropriates $55,000 to install c. i. water mains in various sections of city. John H. Flagg is Stockton representative.

PLAYGROUNDS & PARKS

SAN FRANCISCO — Item in 1923-24 budget, being considered by the supervisor, provides $90,000 for playground improvements.

SEWERS AND STREET WORK

HERMOSA BEACH, Cal.—Council declares inten. to imp. Fourth St. bet. Camino Real and Ardmore Ave., by paving with 3-in. oiled pavement with oil and screen protective coat; const. class A curb; Vrooman Ace. Victor H. Staheli, City Engr.

BERKELEY, Cal.—See "Miscellaneous Building Construction," this issue.

FULLERTON, Cal.—City Engr. W. C. Record preparing spec. for the paving of all unpaved streets in the city west of Spadra.

SAN DIEGO, Cal.—City Engr. F. A. Rhodes completes spec. to imp. 65th St. Klauber Ave. and 69th St., involv. 161,-360 sq. ft. of pavement, 2673 cu. yds. of excav.; 2935 cu. yds. embank., and a wood trestle bridge, 48 ft. long and 16 ft. wide. The Pascoe St. imp. includes 1369 ft. sidewalks, 277 ft. curbs and guard rails 98 ft. long.

LOS ANGELES, Cal. — Martin G. Brkich, 1506 Pleasant Ave., Los Angeles, awarded contract by Bd. Pub. Wks. at $27,340 to const. sewers in J St., bet. Fries and Lagnon Aves. Engr's. est. $30,351.30.

SANTA ROSA, Sonoma Co., Cal.—Geo. F. Comstock has been named city engineer of Santa Rosa, succeeding L. L. Mills, who resigned to enter private practice.

NEW MEXICO—George W. Orr, El Paso, Tex., low bidder at (1) $211,639.12 under condition B, using alternate B, for const. Sec. 4 of Glenwood Reserve highway, natl. forest, Catron Co., N. Mex., 11.09 mi. long, 14-ft. wide. His contract involv. 4200 cu. yds. overhaul at 3c yd.; 11.09 mi. finishing at $95.60 mi.; 320 cu. yds. A conc. at $27.81 yd.; 1718 ft. 18-in. c. m. p. at $2.48 ft.; 1586 ft. 24-in. c. m. p. at $3.72 ft.; 2926 ft. 30-in. c. m. p. at $4.64 ft.; 2155 cu. yds hand placed embank at $1.28 yd.; 22,000 tf. protection ditch at 3c ft.; 170 cu. yds. diversion dam at $3 yd.; 205 ft. conc. handrail at $2.50 ft.; 805 cu. yds. class D conc (alt. B) at $15.85 yd.; 380 cu. yds. cem. rubble masonry (alt. B) at $15.85 yd.; 45,000 lbs. reinf. steel (alt. B) at 8c lb.; clearing and grubbing (condition B, govn. furnishing explosives) at $3940.97 (lump sum); 133,480 cu. yds. excav. unclass. (condition B) at 76c yd. His total on the work omitting alt. B and condition B, but including alt. A and condition A, contr. furnishing explosives(comprising 1029 cu. yds D conc.; 52,150 lbs. reinf. steel; and 105 cu. yds. cem. rubble masonry) was (2) $227,647.87. His total using condition B, with alt. A was (4) $217,616.37. Allowance for engineerig and contingencies, $21,163.91. Explosives furnished by government, $10,031.50. The Engr's. est. on the work under condition A, alt. A, was $234,298.56. Other bids were:

Cotey, Black & Co., Clifton, Arlz.—(1) $239,969.70, (2) $250,284.20, (3) $249,644.20, (4) $240,609.70.

Cashion, Caldwell Constr. Co., Phoenix, Ariz.—(1) $245,907.80, (2) $258,-815.23 ,(3) $255,582.48, (4) $249,140.73.

Jennings Constr. & Engr. Co., El Paso, Tex.—(1) $271,988.93, (2) $292,-889.13, (3) $291,445.93, (4) $273,432.13; est. equip. rental, $12,500.

SAN DIEGO, Cal.—John Engebretson, 205 McNeece Bldg., San Diego, awarded contr. by council at $16,145.45 to imp. Lincoln Ave.

COLUSA, Colusa Co., Cal.—C. R. Merrill, Colusa, at $2880 awarded cont. by city trustees to grade and gravel Clay St., bet. 10th St. and west town limits; Fremont St., bet. A and 10th St.; Sico St., bet. A and 5th St.; Second St., bet. Fremont and Sico Sts.

ALHAMBRA, Cal.—H. D. Churchill Co., 350 Merrick St., Los Angeles, submitted low bid (although slightly irregular in that a unit price per ft. was submitted instead of a price per hse. connection) to city comm. at $63,951.10 to const. sewers in Dist. No. 2, Birch St., Plum St., Main St., Primrose Ave., La France Ave., etc., involv. 30,054 lin. ft. 8-in. vit. sewer pipe; 924 8x4 wye branches; 79 manholes; 7 drop manholes; 23 flush-tanks; 834 4-in. c. i. hse connections, and at $50,142.35 for Dist. No. 4, Almansor, Cordova, Valencia Sts., Hildago, Granada, Grand Aves., etc., involv. 22,265 lin. ft. 8-in. vit. sewer pipe; 766 8x4 wye branches; 54 manholes; 7 drop flush-tanks; 744 4-in. c. i. hse. connections. Other bids were:

Geo. W. Kemper, Minot, N. D.—(2) $72,499.20; (4) $57,234.30.

Leo Miletich—(2) $82,270.55; (4) $57,-484.20.

Cox & Teget—(2) $87,229.50; (4) $58,-765.10.

R. H. Downer—(2) $84,253.40; (4) $66,961.60.

Hickey & Harmon—(2) $83,458.75; (4) $66,358.75.

E. D. Zaich—(2) $87,662.65; (4) $62,-105.

S. Zarubica—(2) $87,135.75; (4) $66,-630.

Frederickson & Shannon—(2) $97,729 (4) $74,701.

D. S. Milosevich—(2) $99,810.05; (4) $79,987.75.

Stroud Bros., Bakersfield—(2) —; (4) $67,040.

Budinich & Nikeevich—(2) $66,621.74; (4) —.

Adam Dalmatin—(2) $96,044.33; (4) $78,761.47.

LOS ANGELES, Cal.—Jahn & Bressi, 522 Byrne Bldg., awarded contr. by Bd. Pub. Wks. at $43,861 to imp. Van Ness Ave., bet. Lemon Grove Ave. and Beverly Blvd., involv. grading at $1800 (lump sum); 160,651 sq. ft. conc. paving 23c ft.; 1413 ft. curb 65c ft.; 15,707 sq. ft. walk 20c ft.; 687 sq. ft. gutter 30c ft.; 127 ft. hse. sewers 75c ft.

AUBURN, Placer Co., Cal.—E. F. Hilliard, 1355 43rd St., Sacramento, awarded cont. by city trustees to imp. portions of Cleveland Ave., Reamer, Tuttle, Center Sts., Elm Ave.: Grade and fill; 5-in. conc. pavement; conc. curbs, gutters; laying 48 ft. 8-in. terra cotta pipe.

Skeels and Hudson, Auburn, awarded cont. to imp. portions of Commercial and Court Sts.: grade and fill; 5-in. conc. pavement; conc. curbs and gutters.

BURLINGAME, San Mateo Co., Cal.—Until June 4, 5 p. m., bids will be rec. by J. R. Murphy, city clerk, to imp. portion of San Mateo Drive, involv. 148,500 sq. ft. grading; 110,000 sq. ft. 5-in. conc. base with 1½-in. Topeka surface; 17,000 sq. ft. walks; 5685 lin. ft. conc. curb; 5765 lin. ft. conc. gutter; 250 lin. ft. 4-in., 1100 lin. ft. 6-in. and 900 lin. ft. 8-in. vit. sewer pipe; 36 4x4-in., 24 4x6-in. and 12 4x8-in. wye branches; 7 manholes; 2 18x18-in. and 2 24x24-in. grated inlets, 150 lin. ft. 10-in. and 150 lin. ft. 12-in. corru. iron culverts; 1 rein. conc. culvert and reinforcing 1 existing culvert. 1911 Act & Bond Act 1915. Cert check 10% payable to city req. Carl A. Torell, city engineer.

VENICE, Cal.—H. D. Churchill Co., 350 Merrick St., Los Angeles, awarded contract by city trustees at $4217.74 to const. 10-in. vit. pipe san. sewer in Lincoln Blvd., bet. Nowita Pl. and Rialto Ave.; also constructing 6-in. and 8-in. main san. sewer in portions of other sts.; incl. 78 6-in. hse. sewers.

COLUSA, Colusa Co., Cal.—C. R. Merrill, Colusa, at $2880 submite low bid to city trustees to grade and gravel Clay St., bet. 10th St. and west town limits; Fremont St., bet. A and 10th St.; Sico St., bet. A and 5th St.; Second St., bet Fremont and Sico Sts. Other bids: L. S. Lewis, $3,582; Jos. Sawyer, $5,449. Taken under advisement.

COLTON, Cal.—City council has approved plans to pave I, F, 8th, 10th Sts. and Colton Ave.

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WHITTIER, Cal.—Until 7:30 p. m., June 4, bids will be rec. by city trustees for 3541 ft. 18-in. conc. sewer pipe; 3000 ft. 24-in. vit. pipe; 3000 ft. 24-in. conc. pipe; 4500 ft. 27-in. vit. pipe; 4500 ft. 27-in. conc. pipe; all to be used in const. of an outfall sewer for the city of Whittier. Cert. check 10%. Paul E. Todd city engr. C. O. Truebiood, city clk.

STOCKTON, San Joaquin Co., Cal. — Clark and Henery Constr. Co., 38 Sutter St., Stockton, awarded cont. by council to imp. portions of Acacia, Yale Poplar Aves., and Flora St.: grade; construct comb. conc. curbs and gutters; conc. walks; pave with 3-in. crushed rock base with 2-in. asph. conc. surface; also east and west half of Pershing Ave., from n boundary of Terminal Tract north to Poplar St.; grade; construct comb. conc. curb and gutters; conc. walks; pave with 3-in. crushed rock base with 2-in. asph. conc. curbs and gutters; conc. walks; pave with 3-in. crushed rock base with 2-in. asph. conc. surface and const. conc. walks in portions of Picardy Dr.

CALISTOGA, Napa Co., Cal.—Eng. W. C. Little making surveys to pave approx. 25 blocks of streets; est. cost, $75,000. It is planned to finance work under a special tax levy against property owners who will be reimbursed under a special arrangement for the issuance of bonds which the city will take up.

EL CENTRO, Cal.—J. A. Costello Jr., 1083 Shotwell St., San Francisco, submits only bid to council to imp. east half of 9th St., bet. Main and State Sts., by paving with 1½-in. asph. conc. surface on 3½-in. base 30c sq. ft.; conc. curbs $1 ft.; under advisement.

CALIFORNIA—State Highway Commission has authorized R. T. Shea, contractor, to proceed with the construction of highway bet. Califa and Monterey. This contract was one of those the commission voted to terminate shortly after its reorganization. The work will continue under revised specifications, according to W. F. Mixon, secy. of the commission. The revisions will consist of placing macadam pavement on portions. The entire unit was let by the former commission for concrete pavement, the cost being approx. $200,000. R. M. Morton, state highway eng.

WHITTIER, Cal.—Until 7:30 p. m., June 4, bids will be rec. by city trustees to const. outfall sewer. Work includes 3541 ft. 18-in. pipe; 3000 ft. 24-in. pipe; 4481 ft. 27-in. pipe; 17 manholes. Plans may be obtained on deposit of $10. Cert. check 10%. Psul E. Todd, city engr.

SANTA BARBARA, Cal.—Until 7:30 p. m., June 7, bids will be rec. by council to imp. Sola St., bet. Bath and Castillo Sts.; grade and pave with 1½-in. asph. conc. wearing surface on 4-in. cem. conc. base; const. 3-ft. cem. gutters, driveways, 6-in. vit. pipe sewers; 1911 Act.

LONG BEACH, Cal.—Until 9:30 a. m., June 5, new bids will be rec. by council to imp. sts. and const. storm and sanitary sewers in dist. 4, Belmont Shore Dist., involv. approx. 870,746.91 sq. ft. 5-in. conc. paving; 33,610.19 lin. ft. cem. curb.; 168,573.44 sq. ft. cem. sidewalks; about 10,923 lin. ft. reinf. conc. storm drain pipe in diameters from 6 sewer pipe in diameters from 8 to 14 inches; 1377 lin. ft. 12-in. cast iron pipe; 140 type A, 24 type B, 1 type C, 3 type D, 5 type E and 12 type F manholes; 4 stand. flush tanks; 71 lampholes; 14 stand. No. 1 catchbasins and 60 special type No. 2 catchbasins.

SAN MATEO, San Mateo Co., Cal.—City trustees, E. W. Foster, clerk, declare inten. to imp. portions of 1st, 2nd, 3rd and 4th Aves., E. F. G. H, and I Sts., etc., grade; pave with 1½-in. asph. conc. surface on 4½-in. hyd. conc. base; driveway approaches paved with 5-in. hyd. conc.; const. hyd. conc. curbs; art. stone walks; 6-in. vit. sewers with 4-in. vit. lateral sewers; br. manholes with c. i. covers; hyd. conc. catchbasins. 1911 Act and Bond Act 1915. Protests June 4 G. Stanley Whitehead, city eng.

SAN FRANCISCO The more important project contained in the 1923-24 budget, being considered by the supervisors, provide: $300,000 to widen the Fulton St. entrance to the Civic Center at Market St.; $50,000 to pave 6th St.; $70,000 for Army St. sewer and $70,000 to pave Pine St. bet. Kearny and Fillmore. M. M. O'Shaughnessy, City Eng

LODI, San Joaquin Co., Cal. — City Eng. L. F. Barzellotti completes spec. to pave Washington Ave., bet. Lockeford St. to south city limits at Vine St., approx. 1 mi. in length.

STOCKTON, San Joaquin Co., Cal.—Until June 12, 10 a. m., bids will be rec. by A. L. Banks, city clerk, to imp. portions of East Weber Ave; grade; const. comb. conc. curbs and gutters; conc. walks; pave with 2½-in. crushed rock base and 2½-in. asph. conc. base with 2-in. asph. conc. wearing surface; portion of C St.: grade; const. comb. conc. curbs and gutters; conc. walks; pave with 3-in. crushed rock base with 2-in. asph. conc. wearing surface. 1911 Act and Bond Act 1915. Cert. check 10% payable to city req. W. B. Hogan, city eng.

STOCKTON, San Joaquin Co., Cal. — Cy Moering, Commercial Savings and Bank Bldg., Stockton, at $51,164.86 awarded cont. by council to imp. Harrison, Lincoln, Clay, Anderson Sts., etc., grade; const. comb. conc. curbs and gutters; pave with 4-in. cem. gravel base with 2-in. asph. macadam surface. Blumenkranz and Vernon, Stockton, only other bidders at $52,405.56.

LOS ANGELES, Cal.—Geo. R. Curtis, 2440 E 26th St., Los Angeles, submits low bid to supervisors at $11,824.45 for imp. Main St., bet. 76.17 ft. w of Myrtle Ave. and Alameda St., in Rd. Dist. 4; 2194 ft., involv. 1246 cu. yds. excav. at $1 yd.; 3645 sq. yds. shaping roadbed at 25c yd.; 3568 sq. yds. 4-in. Willite base at $1.60 yd.; 3568 sq. yds. 2-in. Willite rip at 90c yd.; 694 sq. ft. conc. gutter at 30c ft.; 2695 lin. ft. shaping shoulders at 20c ft. County est. $10,900. Other bids were:

Griffith Co.—$1.20 excav., 25c shaping roadbed, $1.82 base, $1 top, 33.5c gutter, 25c shaping shoulders; total, $13,374.45.

H. G. Feraud—$1.25 excav., 27c shaping roadbed, $1.85 base, 99c top, 35c gutter, 25c shaping shoulders; total $13,591.42.

SAN JOSE, Santa Clara Co., Cal.—San Jose Paving Co., Dupont and San Carlos Sts., San Jose, at $1606.50 awarded cont. by supervisors to imp. Market St. fronting county property in Supervisor Dist. 3. Surveyor's estimate $1600

ONTARIO, Cal.—Until 8 p. m., June 4, bids will be rec. by city trustees to const. 8-in. vit. sewer pipe on a right-of-way 317 ft. w. of and parallel to Sultana Ave., bet. 136 ft. n. of H St. and Fourth St., const. brick and cem. manholes, c. i. covers; 1911 Act. O. S. Roen, city engr.

SAN JOSE, Santa Clara Co., Cal.—San Jose Paving Co., Dupont and San Carlos Sts., San Jose, at $18,000 awarded cont. by supervisors to imp. Penetencia Creek rd. in Supervisor Dist. 3. John Doyle only other bidder at $24,263. Surveyor's estimate $21,200.

SAN BERNARDINO, Cal.—Plans for proposed deep sewer in 3rd St. and E St. will be ready in about a month; sewer will permit the draining of basements and subbasements and make possible the erection of class A structures. C. E. Johnson, city eng.

SALINAS, Monterey Co., Cal. — City council adopts spec. to pave Maple St., bet. S-Main and Abbott; California bet. Harvest and Maple; Chestnut, bet. S-Main and Pajaro and West St., bet. Alisal and Clay, these to be paved with asph. conc. with Warrenite surface Avenues A, B and C will be paved with waterbound macadam. Donald Davies, city eng.

SANTA BARBARA, Cal.—City council approves spec. to pave Bath St., bet. Mission and First Sts.

LOS ANGELES, Cal.—B. D. Zaich, 220 W 56th St., Los Angeles, submits low bid at $11,250 to Bd. Pub. Wks. to const. sewer in Coringa Dr., bet. Aves. 52 and 51.

ALHAMBRA, Cal.—Until 8 p. m. June 4, bids will be rec. by city comm. to imp Sierra Vista Ave., bet. Tr. 5795 and Glendon Way; Almansor St., bet. lots 30, Tr. 5795 and lot 69, same Tract; and portions of other sts. by grading and oiling; const. 5-ft. walk, 12-in. curb; 2-ft. gutter; 1911 Act. R. B. Wallace, city clerk.

MERCED, Calif. — City trustees petitioned to surface with crushed rock R St., south of 13th St. Taken under advisement.

PASADENA, Cal.—City Directors declare inten. to const. steel reinf. concr. storm water sewer in Broadway and Walnut Sts.; also 18-in. vit. storm sewer pipe; 1911 Act. W. C. Earle, city engineer.

MERCED, Merced Co., Cal.—City Eng C. D. Martin preparing spec. to pave 16th St., bet. K and M Sts.

SAN FRANCISCO — Bd. Pub. Wks. awards contracts for street & Sewer imp. as follows:

City Const. Co., Call Bldg., at $20,718.28 to imp. Rhode Island St., bet. 22nd and 23rd. Sts., involv. 1600 cu. yds. cut; 1732 lin. ft. conc. curb; reset 96 lin. ft. granite curb; const. 10,950 sq. ft. art. stone walks; 23,184 sq. ft. asph. conc. pave and 24,800 sq. ft. conc. pavement.

Jas. M. Smith, Phelan Bldg., at $8,474.16 to imp. Precita Ave., bet. Alabama and Folsom Sts.; involv. 795 lin. ft. conc. curb; 5450 sq. ft. art. stone walks; 22,572 sq. ft. asph. conc. pavement; 1 br. catchbasin; 30 lin. ft. 10-in. culvert.

City Const. Co. at $9019.50 to imp. Exeter St., bet. Paul and Salinas Aves., involv. 2588 cu. yds. cut; 383 cu. yds. fill 1200 lin. ft. conc. curb; 18,000 sq. ft. asph. conc. pavement.

Raisch Imp. Co., 46 Kearny St., at $1645.40 to imp. crossing of 26th and York Sts., involv. resetting 75 lin. ft. granite curb, const. 15 lin. ft. granite curb; 30 lin. ft. 8-in. sewer; 3 br. catchbasins; 553 sq. ft. art. stone walks; 3344 sq. ft. asph. conc. pavement; 25 lin. ft. 10-in. culverts.

FRESNO, Fresno Co., Cal.—Nate Lovelace, Visalia, at approx. $17,800 submits lowest of four bids to supervisors to imp. road leading from Auberry highway to Power House No. 1 of San Joaquin Light and Power Co. Bids rejected. Chris P. Jensen, Cory Bldg., Fresno, Co. Rd. Eng.

OAKLAND, Alameda Co., Cal.—Heafey & Moore, 2030 High St., Oakland, have been awarded a contract by Mills College for the construction of roads. Contract price, $18,000. W. H. Ratcliff Jr., 1st National Bank Bldg., Oakland, is architect for the college.

NAPA, Napa Co., Cal.—R. E. Errington, Napa, at $9838.03 awarded cont. by council to imp. portions of Bell, Evans and Willow Aves., involv. 1466 cu. yds. grading, $1.10 cu. yd.; 61,012 sq. ft. 2-course asph. macadam pavement, $.09 sq. ft.; 3027 ft. conc. curb, $.75 ft.; 180 lin. ft. end walls, $.75 lin. ft.; move and reset 7 catchbasins, $40 ea.; 1 new catchbasin, $50.

SAN DIEGO, Cal.—Property owners petition council to pave Witherby St., bet. Hickory St. and Sunset Blvd.

ONTARIO, Cal.—Until 8 p. m., June 4, bids will be rec. by city trustees to const. 8-in. vit. sewer pipe on a right-of-way 317 ft. w of and parallel to Sultana Ave., bet. 136 ft. n. of H St. and Fourth St., approx. 1811 ft.; const. brick and cem. manholes; c. i. covers; 1911 Act O. S. Roen, city engr

SAN DIEGO, Cal.—Until 10:30 a. m., June 4, bids will be rec. by council to imp. E St., bet. 16th and 25th Sts.; grade and pave with 1½-in Warrenite-bitul. wearing surface on 26-in. bitum. base; 1911 Act. F. A. Rhodes, city engr.

LONG BEACH, Cal.—City Engr. A. L. Ferver completes plans for 24-in. sewer in Bdwy. bet. alley e. American Ave. and Ocean Park Ave. to carry the overload in the business section. Est. cost, $30,000.

SOUTH SAN FRANCISCO, San Mateo C., Cal.—San Francisco Motor Drayage Co., 130 Jessie St., San Francisco, at $29,915 awarded cont. by city trustees for imp. portions of Swift Ave.: grade, $.94 cu. yd.; decomposed granite sidewalk, $.08 sq. ft.; wooden bridges, $400 each; 24-in. sewer, $3.50 lin. ft. storm water culvert, $2.50 lin. ft. Other bids: C. B. Cowden, $20,845; Carlin Grading Co., $22,125.

SAN BERNARDINO, Cal.—F. W. Seccombe, San Bernardino, awarded contr. by council to const. 8-in. vit. pipe sewer in Livingston St., bet. Rialto St. and 226 ft. south, sewer, at 83c ft. pipe; $70 manholes; $110 flush tanks; 45c 4-in. hse. sewers.

VALLEJO, Solano Co., Cal.—Council petitioned to pave Illinois St., bet. Napa St. and Napa rd. Referred to City Eng. T. D. Kilkenny.

OAKLAND, Cal. — Alameda County supervisors plan to pave road from Dublin to Contra Costa county line, approx. 2 mi with type of pavement yet to be determined. Both concrete and asphaltum with concrete base have been advocated. Est. cost, $250,000. Geo. A. Posey, county surv.

HERMOSLIIO, Mex.—Gov. Adolfo de la Huerta, as finance minister, has signed a contract with the municipal govn. of Hermosillo, covering the provisions of funds for the constr. of new water and sewer systems, and street paving for the city of Hermosillo The total of the contr. amounts to $461,078.98.

YUBA CITY ,Sutter Co., Cal.—Until June 4, 8 P. M., bids will be rec. by C. C. Kline, City Clerk, to imp. portions of B St.: Grade, pave with 5-in. conc. const. conc. curbs. 1911 Act. Cert. check 10% payable to City req. Edw. Von Geldern, City Eng.

AUBURN, Placer Co., Cal —City will vote Jun 12 on question of issuing bonds of $85,000 to pave streets connecting up Grass Valley and Colfax highway with Auburn to Sacramento highway. A. Barieau, City Eng.

LONG BEACH, Cal.—City Council is preparing to re-advertise for bids to const. $500,000 Belmont Shore sewer and street imp. project. City Engr. Ferver informed the council that the legal time for the signing of the contract had expired with the contract unsigned by the low bidder, the Two Miracle Concrete Corp. and George E. Keeler in partnership. The company explained that its articles of incorporation prohibited it engaging in partnership with an individual.

HAYWARD, Alameda Co., Cal.—J. A. Costello Jr., 1083 Shotwell St., San Francisco, at $32,986.54 awarded cont. by City Trustees to imp. B St., bet. Alice and S. P. reservation, includ. intersections of Alice, Myrtle, Filbert, Walnut and Front Sts.: Grade: pave with 3½-in. asph. conc. base with 2-in. asphalt surface; r. w. header boards; conc. curbs, gutters, valley gutters; c. i. catchbasins and corru. iron culverts. Hutchinson Co., Oakland, bid $35,325 57.

STOCKTON, San Joaquin Co., Cal.—Unail June 12, 10 A. M., bids will be rec. by A. L. Banks, City Clerk, to imp. portions of Castle St. bg grads; const. comb. conc. curbs and gutters; conc. walks; pave with 2½-in. crushed rock base with 2½-in. asph. conc. and 2½-in. asph. conc. wearing surface; portion of North Center St. grads; const. comb. conc. curbs and gutters; pave with 3-in. crushed rock base with 2-in. asph. conc. surface. 1911 Ace and Bond Act 1915. Cert. check 10% of city req. W. B. Hogan, City Eng.

RIVERSIDE, Cal.—H. D Churchill & Co., 350 Merrick St., Los Angeles sign contr. to const. approx. 11 mi. of sewer work, awarded some time ago. The work totals about $117,000.

CARSON CITY, Nevada—Until June 6, 1:30 P. M., bids will be rec. by State Highway Commission, Geo. W. Borden, Eng., to const. 11.76 mi. highway in Elko county, bet. Halleck and Deeth, Sec. No. C, involv.:

47,000 cu. yds. excavation, unclassified; 11.75 mi. prepared sub-grade and shoulders; 15,700 cu. yds. loading and screening gravel; 50,900 yd. mi. hauling gravel; 15,700 cu. yds. spreading gravel; 230 cu. yds. Class B concrete and 65 cu. yds. Class B concrete; 630 lin. ft. 15-in.; 730 lin. ft. 18-in. and 204 lin. ft. 24-in. corr. metal pipe, complete in place; 848 lin. ft. wooden guard rail, complete in place; 30 each monuments, in place.

Plans obtainable from commission at Carson City and may be examined at Department Division Offices at Reno, Las Vegas and Elko and the office of the Bur. of Pub. Rds., Mills Bldg., San Francisco.

STOCKTON, San Joaquin Co., Cal.—Until June 12, 10:30 A. M., bids will be rec. by A. L. Banks, City Clerk, to imp. Harrison St., bet. Washington and Main: Grade; const. comb. conc. curbs and gutters; conc. walks; pave with 2½-in. cementing gravel base with 3-in. asph. conc. base and 2-in. asph. conc. wearing surface; 1911 Act and Bond Act 1915. Cert. check 10% payable to city req. W. B. Hogan, City Eng.

STOCKTON, San Joaquin Co., Cal.—City Council, A. L. Bank, Clerk, declares inten. to imp. Worth St. from East St. to pt. 200-ft. east of Eugenia; Milton St. bet. East St. and pt. 50-ft. east of Eugenia: Grade; const. comb. conc. curbs and gutters; conc. walks. 1911 Act. Protests June 12. W. B. Hogan, City Eng.

STOCKTON, San Joaquin Co., Cal.—Until June 12, 10:30 A. M., bids will be rec. by A. L. Banks, City Clerk, to pave north half of Castle St., bet. North El Dorado and North Madison St. Cert. check 10% payable to city clerk req. W. B. Hogan, City Eng.

LOS ANGELES, Cal. — Council declares inten. to imp. under Wrooman Act Hill St. bet. Washington St. and Santa Barbara Ave., and portions of Santa Barbara Ave., Monica Ave. and other sts., grade and pave with 8-in. com. concr. pavement; const. gutter, 14.5 ft. walk, iron pipe lighting conduit, 8-in. cem. pipe san. sewer; 6-in. cem. pipe hse. sewers. There will also be some paving with 6-in. cem. concr., 1-in. cem. and rock binder, and 2-in. asph. wearing surface; grade and oil; 3-in. bitum. base and asph. cem. and stone chip seal coat.

BERKELEY, Alameda Co., Cal. — Cambar and Garden, 969 3rd St., Oakland, awarded cont. by council to const. 6-in. sewer and 3 br. manholes in portion of Miller Ave.

SANTA ANA, Cal.—Until 11 a. m., June 5, bids will be rec. by supervisors to pave Rio Vista St., Third Rd. Dist., from the Anaheim-Olive Rd. to North St., east of the City of Anaheim. Pavement will be of concr. with asph. top. Work will be paid for from the Third Dist. general fund.

CARSON CITY, Nevada—Until June 6, 2:30 P. M., bids will be rec. by State Highway Commission, Geo. W. Morden, Eng., to const. 19.45 mi. highway in Elko county, bet. Deeth and Wells, Sec. No. D, involv.:

103,500 cu. yds. excavation, unclassified; 754 yds Sta. overhaul; 19.37 miles prepared sub-grade and shoulders; 31,505 cu. yds. loading and screening gravel; 113,660 yd. mil h. hauling gravel; 31,050 cu. yds. spreading gravel; 440 cu. yds. Class "A" concrete; 180 cu. yds. Class "B" concrete; 688 lin. ft. 15-in., 1,794 lin. ft. 18-in. and 720 lin. ft. 24-in. corr. metal pipe, complete in place; 452 lin. ft. 24-in. corr. metal siphon pipe, complete in place; 2,784 lin. ft. wooden guard rail, complete in place; 96 each monuments, in place; 3 each sign posts, in place.

Plans obtainable from commission at Carson City and may be examined at Department Division Offices at Reno, Las Vegas and Elko and the office of the U. S. Bur. of Pub. Rds., Mills Bldg., San Francisco.

MARYSVILLE, Yuba Co., Cal.—Until June 9, 10 A. M., bids will be rec. by W. M. Strief, County Clerk, to grade Marysville-Smartsville stage road and Smartsville-Wheatland rd., and placing culverts, cutting drain ditches and grading county road from Walsh barn north and south on Smartsville-Wheatland rd.; and rd. from Sanford's Gate to Rose cottage and portion of road near Bushby Ranch on Marysville-Smartsville stage rd. Cert. check 10% req with each bid. Plans obtainable from clerk.

COLFAX, Cal.—City trustees order paving of 7 important streets including portions of Wilmington, Almond, Olive, Raymond, Tamarind and Myrrh Sts. Edw. M. Fynch, Central Bldg., Los Angeles, city engr. Details will be published shortly.

OLYMPIA, Wash.—Until June 12, 10 A. M., bids will be rec. by State Highway Commission for highway units, as follows:

1. Clearing, grading, draining and surfacing with gravel 2.01 mi. of Sunset Highwy bet. Falls City and Snoqualmie, includ. Kimball Creek bridge, in Kong County.

2. Paving with conc .22 mi. of Olympic highway at Mud Bay bridge in Thurston County.

3. Paving with conc. .44 mi. of the Olympic highway bet. Montesano and Aberdeen in Grays Harbor County.

4. Surfacing with gravel or crushed rock 15.94 mi. of Ocean Beach highway bet. Falix and Nasel in Pacific County.

5. Grading, draining and surfacing with gravel or crushed rock 5.36 mi. of Ocean Beach highway bet. Johnson's Landing and Nasel in Pacific County.

6. Surfacing 10.86 mi. of Ocean Beach highway, bet. Nasel and Sandridge in Pacific County.

7. Grading approach to Nesika bridge and const retaining wall on National Park highway in section 35, township 12 north, range 4 east in Lewis County.

8. Clearing, grading, draining and surfacing with gravel or crushed rock 8.28 mi. of Navy Yard highway bet. Union City and Holyoke Creek in Mason County.

REEDLEY, Fresno Co., Cal.—No bids rec. May 15 by Hazel Trembley, City Clerk, to imp. Riverview Ave., bet. s. city limits and South Ave., grade 48 ft. wide and extend 4-in. water main. 1911 Act and Bond Act 1915. Bids ordered re-advertised to be opened June 19, 8 P. M., Cert check 10% payable to city req.

TUCSON, Ariz.—Council declares inten. to const. 8-in. vit pipe sewer with manholes, flushtanks, etc., in portions of Park Ave., Tyndall Ave., Euclid Ave., First, Second, Third, Fourth Aves. and portions of other streets. L. O. Cowan, City Clerk.

PORTLAND, Ore.—Following low bids, rec. by C. H. Purcell, Dist. Eng., U. S. Bureau of Roads, Post Office Bldg., Portland, for highway units:

Trail-Crater Lake, Sec. 1, 8.7 mi. surfacing on Medford to Crater Lake Rd.; Wm. Von der Halm, Eagle Point, Ore., $68,341. (recommended for award).

Rabdle-Yakima, Randel Sec., 2.5 mi. grading and hurfacing, bet. Randle and Lewis Washington state: James & Brown, Centralia, Wash., $74,760. (bid rejected).

Devil's Lage-Siletz, 5.5 mi. grading and surfacing from Devil's Lake to Siletz. Sec. of Coast highway adjoining Neskowin-Devil's Lake forest project: Warren Construction Co., Portland, Ore., $207,864.20 (taken under advisement).

Glacier-Excelsior Sec. of Mt. Baker Highway, 5.9 mi. grading, const. 2 steel bridges over Nooksack river and Glacier Creek, surfacing Excelsior-Shuksan Sec. of same highway, directly east of Bellingham, Wash.: Siems & Carlson, Spokane, Wash., $117,184.25. (Taken under advisement).

FRESNO, Fresno Co., Cal.—Fredrickson & Shannon Cory Bldg., Fresno awarded cont. by council to imp. alley in Block 135 bet. Kern and Tulare Sts. 7576 so. ft. grading, $.04 sq. ft.; 7576 sq. ft. 6-in. conc. pavement, $.24 sq. ft.

GLENDALE, Cal.—E. L. Fleming, 1007 S. Boynton St., Glendale, submitted low bid to council at $37,813.90 to imp. Kenneth Rd., and other Sts., involv. 4775 lin. ft. grading, 86c ft.; 22,905 sq. ft. gutter, 20c ft.; 157,975 sq. ft. 3-in. macad., 10c ft.; 8095 ft. curb, 50c ft.; 32,870 sq. ft. walk, 17c ft.; 1600 ft. 8-in. pipe and 270 ft. 4-in. pipe, $4000 (lump sum).

REDDING, Shasta Co., Cal.—City Trustees, Leslie Engram, Clerk, declare inten to imp. portions of Placer, Court, Oregon, Shasta, North, Trinity, California, Yuba and Center Sts.; Grade; const. conc. curbs and gutters; conc walks, 5-ft wide; conc. catchbasins with c. i. grates and vit. corru. pipe with corru. part circle culverts and c. i covers; pave all 18-ft. wide with 4-in. asph. conc. consisting of 2½-in. asph. conc. base with 1½-in. Warrenite-Bit. surface except Placer St., to be paved with 5--in. asph. conc. consisting of 3½-in asph. conc. base with 1½-in. Warrenite-Bit. surface. 1911 Act and 1915 Bond Act. Protests June 4. E. A Rolison, City Eng.

SAN JOSE, Santa Clara Co., Cal.—City Council, J. J. Lynch, Clerk, declares intn. to imp. Wine St., bet. Balbach and Willow; Grade; pave 1½ in. Durite asph. conc surface on 3-in. Durite asph. conc. base; conc. gutters; 2 br. catchbasins; 8-in. vit. pipe drains; 2 12-in. c. i. grates to be placed over 8-in. vit. sewer connecting storm water drain in Canoas creek. 1911 Act and Band Act 1915. Protests June 4. Wm. Popp, City Eng.

GLENDALE, Cal. Until 7 P. M., May 24, bids will be rec. by City Clerk Van Wie, City Hall, to imp. Ard Eevn, Ben Lomand Dr. and Glenview Rd. under Vrooman Act, involv. approx. 2008 lin ft. grading; 19,900 sp. ft. walk; 3980 lin. ft. Class B curb; 8790 sq. ft. 5-in. concr. gutter; 52,208 sq. ft. 5-in oil macad. and laying (only) 2085 lin. ft. 4-in. Class B c. i. water pipe includ. fire hydrants and appurtenances.

EL CERRITO, Contra Costa Co., Cal.—Hutchinson Co., 1706 Broadway, Oakland, at $13,754.12, awarded cont. by town trustees to imp. Potrero Ave. bet. San Pablo ave. and city limits. W. S. Farley, Eng., Monadnock Bldg., San Francisco.

BERKELEY, Alameda Co., Cal. — Oakland Paving Co., 5000 Broadway, Oakland, at approx. $12,000 awarded cont. by Univ of Calif. to pave Hearst Ave., bet. Oxford and Euclid Sts.

SACRAMENTO, Cal.—Until June 4, 5 p. m., bids will be rec. by Chas. C. Hughes, secy. Board of Education, for laying asphalt or mastic floors in "play spaces" of schools. Asphalt floors to consist of 2-in. base of ¾-in. rock rolled with 1-in. surface of type C sheet asphalt. Spec. on file in office of City Eng. Albert Givan.

SAN JOSE, Santa Clara Co., Cal.—County surveyor preparing spec. to imp. Saratoga and Congress Springs rd. from present pavement to bridge west of the quarry. Henry A. Pfister, county clerk.

LONG BEACH, Cal.—Until 9:30 a. m., May 29, bids will be rec. by council to imp. Virginia Ct., bet. 10th and 11th Sts. grade and pave with 4-in. class B curb; 1911 Act.

Bids to imp. first alley e of American Ave., bet. 21st and Hill Sts., grade & pave with 4-in. cem. concr.; const. class B cem. conc curb; 1911 Act. A. L. Ferver, city engr.

BERKELEY, Alameda Co., Cal. — Until June 5, 10 a. m., bids will be rec. by E. M Hann, city clerk, to grade and const. catchbasins in Cedar St., bet. 1st and 3rd sts. 1911 Act. Cert. check 10% payable to city req. C. L. Huggins, city eng.

LOS ANGELES, Cal. — Council declares inten. to const. 8-in. cem. pipe san sewer in Lakme Ave. and M St., bet. M and K Sts., and portions of other sts., incl. manholes, c. i. cover frame, 6-in. hse. sewers; Vrooman Act.

BAKER, Ore.—Until May 26, 5 p. m., bids will be rec. by J. R. Sumrthwaite, city clerk, to const. approx. 50,000 lin. ft. cem. walks; 15,000 lin. ft. conc. curb and 10,000 lin ft. crosswalks. Cert. chk. 5% req. with each bid. Plans obtainable from clerk

CALIFORNIA—As previously reported, bids will be rec. by State Highway Comm., Forum Bldg., Sacramento, June 4, 2 p. m., to pave with Port. Cem. conc. 1.0 mi. of highway in Los Angeles bet. Fish Canyon Rd. and Azusa, involv. 17,700 cu. yds. embankment without classification; 2800 cu. yds. class A Port. cem. conc. (pavement); 5 cu. yds. class A Port. cem. conc. (culverts and monuments); 84 lin. ft. 18-in. and 42 lin. ft. 24-in. rein. conc. pipe; 16 monuments. R. M. Morton state highway eng.

SANTA PAULA, Cal.—City trustees declare inten. to imp. Pleasant St., bet. 6th and Mill Sts., and portions of Virginia Terrace, Orchard, Park, 6th, 7th, 9th Sts., and Ojai Rd., grade and pave with 4-in. cem. conc.; const. curbs; 1911 Act.

Santa Barbara St., bet. Palm Ave. and Ojai St., and portions of Olive Ave., 4th, 5th, 6th, 7th, 9th Sts., Railroad Ave., 8th St., Mill St., and other streets; grade and pave with 4-in. asph. conc.; const. curb and 4-ft. walks; 1911 Act. M. G. Demarest, city clerk.

LONG BEACH, Cal.—Griffith Co., L. A. Ry. Bldg., Los Angeles, submits only bid to council to imp. Ocean Blvd., bet. Golden and Mendocino Sts., at $4.5c sq. ft. 1½-in. asph. wearing surface on 6-in. conc. base; 70c ft. curb; 21c sq. ft. walk; and $1200 culverts complete.

TUCSON, Ariz. — City Engr. G. H. Atchley completes estimates to pave East 2nd St. and Franklin St. The former will cost $100,000 and the latter $60,000.

OAKLAND, Cal.—Until June 11, 10 A. M., bids will be rec. by Geo. E. Gross, County Clerk, to imp. roads at County Hospital in Eden Township; est. cost, $22,000, involv. 4,000 cu. yds. grading; 700 cu. yds. borrow; 1,000 lin ft. 4-in. face conc. curbs and gutters 3,800 lin. ft. 5-in. face conc. curbs and gutters; 50,000 sq. ft. 5-in. conc. pavement; 4,100 sq. ft. 3-in. cem. walks; 20 cu. yds. conc. in wingwalls, structures, etc.; 1,000 lbs. rein. steel; 2,000 lin. ft. 6-in. drain tile; 300 cu. yds. broken rock or gravel for drain tile; 700 lin. ft. 6-in. sewer pipe; 12 catchbasins and inlets; 2 manholes. Cert. check 10% payable to clerk req. Geo. Posey, County Surv.

SAN FRANCISCO—City Eng. M. M. O'Shaughnessy completes spec. to imp. 46th Ave., bet. Balboa St. and Sutro Hts. est. cost $4700. Project involves 522 lin. ft. conc. curb; 3634 sq. ft. vertical fiber brick pavement; 8786 sq. ft. asph. conc. pavement.

Spec. completed to imp Bauer St., bet. Alemany and Cayuga and San Juan bet. Cayuga and Capistrano Aves., est. cost, $2950, involv, 1250 cu .yds. cut; 2320 cu. yds. fill.

Spec. completed to imp. Newhall St. bet. Hudson and 3rd St., includ. Intersection of Newhall, Innes and 3rd Sts., est. cost $4700. Project involv. 400 cu. yds. cut; 530 lin. ft. conc. curb; 390 sq. ft. art. stone walks; 2 br. catchbasins; 50 lin. ft. 10-in. ironstone pipe culverts; 10,610 sq. ft. asph. conc. pavement.

LOS ANGELES, Cal.—Griffith Co., L. A. Ry. Bldg., submits only bid to Bd. Pub. Wks. to imp. Oliver St., bet. Pacific Ave. and Gaffey St., involv. grading at $5800 (lump sum); 32,759 sq. ft. asph. concr. paving at 22.8c ft.; 12,532 sq. ft. concr. paving at 24c ft.; 2507 ft. light curb at 60c ft.; 2001 sq. ft. gutter at 35c ft.; 674 lin. ft. hse. sewers at $1.75 ft.; flush tank complete at $175.

CORTE MADERA, Cal.—See "Sewers & Street Work," this issue.

UKIAH, Mendocino Co., Cal.—Chambers and DeGoyler, Bacon Bldg., Oakland, at approx. $5500 awarded cont. by city trustees to construct vit. sewers in various streets.

WHITTIER, Cal.—Independent Paving Co., 321 E 4th St., Long Beach, submitted low bid to city trustees at $56,496.21 to imp. Palm Ave., bet. Lemon St. and s.w. city limits, involv. grading 6c sq. ft.; 6-in. conc. paving 22.75c sq. ft.; curb 60c ft.; culverts Nos. 1, 2, 3, drain, $3350. Other bids were:

Griffin Co.—6c grading; 24c paving; 65c curb; $1800 culvert No. 1; $1600 culvert No. 2; $600 culverts 3 and 4; $170 catch basin and connecting drain; total, $59,886.64.

F. Dobson & Sons, Whittier — 7.5c grading; 25.15c paving; 55c curb; $1300 culvert No. 1; $1100 culvert No. 2; $600 culverts Nos. 3 and 4; $243 catch basin and connecting drain; total, $62,171.60.

SANTA CLARA, Santa Clara Co., Cal.—Chamber of Commerce is conferring with city trustees regarding paving of streets. Work will be financed through bond issue, or if recommendation of Town Eng. Harry Fisher is accepted, the improvements will be carried on under the 1911 Act and Bond Act 1915. Concrete pavement will probably be selected.

STOCKTON, San Joaquin Co., Cal.—Until June 12, 10:30 A. M., bids will be rec. by A. L Banks, City Clerk, to imp. portions of E-Hazelton, E-Scotts Aves., Laurel, Court and B Sts.: Grade; const. comb. conc. curbs and gutters; conc. walks; pave with 4-in. cementing gravel base with 2-in. asph. macadam surface. 1911 Act and 1915 Bond Act.

Separate bids, same date, to imp. portions of Channel, Cross and Center Sts.; Grade; const. comb. conc. curbs and gutters; conc. walks; pave with 3-in. asph. conc. base with 2-in. asph. conc. wearing surface. 1911 Act and Bond Act 1915. Cert. check 10% payable to city req. W. B. Hogan, City Eng.

WHITTIER, Cal.—Griffith Co., L. A. Ry. Bldg., Los Angeles, awarded contr. by city trustees to imp. High St., bet. Painter and Central Aves., involv. grading, 5c sq. ft.; approx. 62,000 sq. ft. asph. concr. paving on 4-in. bitum. base 21.5c sq. ft.; curb, 55c ft.; walk at 21c sq. ft. Other bids were:

Geo. R. Curtis—5c grading; 23c paving; 60c curb; 20c walk.

Geo. H. Oswald—6c grading; 23.5c paving; 60c curb; 23c walk.

BERKELEY, Alameda Co., Cal.—City council, E. M. Hann, Clerk, declares inten. to imp. portions of Hearst Ave., etc., by regrading; const. comb. conc. curbs and gutters; pave with 5-in. hyd. conc. base with 2-in. asph. surface; conc. catchbasins; 12-in. vit. sewer and corru. iron culverts. 1911 Act and Bond Act 1915. Protests June 8. C. L. Huggins, City Eng.

REDONDO BEACH, Cal.—Until 10 A. M., May 31, bids will be rec. by J. H Coverty, general mgr. of the Palos Verdes Estates, Lane Mortgage Bldg., Los Angeles, to excavate and grade a road in the vicinity of triangulation station known as Douglas on the Palos Verdes Estates. Form, etc., may be obtained from dept. of design, rm. A, Redondo Hotel, Redondo Beach. Cert. chk., 10%.

WHITTIER, Cal.—Independent Paving Co., 321 E 4th St., Long Beach, awarded contr. by city trustees to imp. alley bet. Washington and Bright Aves. involv. grading 5.67c sq. ft.; 6-in. conc. paving 22.42c sq. ft.; 5-in. conc. paving 21.97c sq. ft.; curb 55c ft.; walk 21c sq. ft. Other bids were:

F. Dobson & Sons—7c grading; 25.75c 6-in. paving; 25.75c 5-in. paving; 65c curb; 20c walk.

Griffith Co.—5c grading; 26c 6-in. paving; 23.5c 5-in. paving; 55c curb; 21c walk.

Independent Paving Co. awarded cont. to pave alley n. of Philadelphia St. bet. Comstock Ave. and 140 ft. east, involv. grading 4c sq. ft.; approx. 2000 sq. ft. 5-in. conc. paving 28c sq. ft. Other bids were:

F. Dobson & Sons—5c grading; 31c paving; Griffith Co.—6c grading, 30c paving.

AUBURN, Placer Co., Cal.—Trustees of Placer Union High School District will ask bids shortly to pave streets abutting on high school grounds.

Contracts Awarded Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

$1,000 and Over Reported

The following is an index for the contracts for this issue.

No.	Owner	Contractor	Amt
1985	Johnson	Owner	30000
1986	Garden	Mangel	6000
1987	Same	Same	6000
1988	Same	Same	6000
1989	Same	Same	5000
1990	Marquard	Carson	3000
1991	Moore	Mangels	4000
1992	Strand	Owner	24000
1993	Foster	Foster	3000
1994	Rebottaro	Cuneo	5000
1995	Cutter	Fennell	1200
1996	Dodd	Olson	2800
1997	Bernardine	Owner	8000
1998	Cirimele	Cuneo	18000
1999	Rahl	Owner	3750
2000	Hunt	Olsen	20000
2001	McDougal	Atlas	123900
2002	Heyman	Owner	30000
2003	Dement	Grant	4500
2004	Maxon	Owner	4000
2005	Friedman	Swanson	6000
2006	Levin	Golden	——
2007	Lindeman	Lindeman	5800
2008	Lindeman	Lindeman	5300
2009	Kingwell	Prout	20000
2010	Anderson	Meyer	18000
2011	Peters	Peters	6000
2012	Allec	Cahill	50000
2013	City	Cox	8000
2014	Grahn	Owner	3000
2015	Morrison	Petterson	3460
2016	Douglas	Douglas	3500
2017	Cluff	Hjul	5000
2018	Lawrence	McMillan	11000
2019	Morrill	Owner	36000
2020	Janssen	Owner	34750
2021	Tight	Miller	7000
2022	O'Brien	Mission	8500
2023	Sullivan	Olson	6000
2024	Wolf	McIntosh	15350
2025	McDougall	Atlas	123900
2026	Spreckels	Arras	26760
2027	Brown	Hooper	14750
2028	Dowling	Owner	3000
2029	Monson	Owner	8000
2030	Schaezlein	Stiefel	15000
2031	Tight	Miller	7000
2032	Allred	Owner	52000
2033	Holden	Terry	32500
2034	Wurlitzer	Owner	8000
2035	Nicolai	Owner	2500
2036	Furnell	Furnell	3500
2037	Ellis	Owner	3500
2038	Garfalo	Owner	2000
2039	Schabiague	Owner	1000
2040	West Coast	Owner	12500
2041	Jacques	Carlson	14000
2042	Matraia	Del Favero	15000
2043	Risden	Delmarter	3000
2044	Cosgrove	Malloch	1000
2045	Ferrieroo	Owner	6000
2046	Brownstone	Mallott	298
2047	Brownstone	Schwarz	1250
2048	Wilson	Forbes	12200
2049	Kaye	Bienfield	6050
2050	Peninsula	Pacific	6400
2051	Wands	Weismann	12345
2052	Heights	Reeder	1400
2053	Heights	Arras	998
2054	Heights	Schrader	33129
2055	Heights	Jacks	38660
2056	Heights	Knowles	10131
2057	Heights	Jacks	31025
2058	Heights	Rigney	4676
2059	Heights	O'Mara	9200
2060	Heights	Wilson	23797
2061	Heights	Wedel	6711
2062	Heights	Wetenhall	5687
2063	Archbishop	McLaughlin	150000
2064	Kelley	Owner	30000
2065	Miller	Spargo	27000
2066	Abrams	Owner	30000
2067	Romani	Brueck	8000
2068	Leigh	Owner	4000
2069	Scholtzhauser	Owner	1000
2070	Sproule	Schultz	2000
2071	Arata	Owner	1000
2072	Swickard	Owner	3000
2073	Koenig	Owner	4100
2074	Mergenthaler	Herrick	9639
2075	Same	Same	2000
2076	Ragghianti	Johnson	12600
2077	O'Brien	Mission	9315
2078	Speckman	Jenkins	10486
2079	Lorenz	Sharman	4000
2080	Jacques	Carlson	16920
2081	Roundey	Owner	3000
2082	Rueter	Owner	20000
2083	Vellis	Bennet	4000
2084	Harms	Brown	8000
2085	Fiinkerton	Owner	3000
2086	McManus	Keenan	5000
2087	Robertson	Nelson	3000
2088	Crowe	Caranza	1000
2089	Nelson	Owner	12000
2090	Nelson	Owner	24000
2091	Mercantile	Collupy	20000
2092	Lipton	Federal	5000
2093	Wallace	Usnik	4000
2094	Greenberg	Forster	1371
2095	Same	Cantley	428
2096	Same	Spencer	1250
2097	Lewenhaupt	Buschke	9205
2098	Romani	Brueck	8200
2099	Dodd	Olson	3275
2100	Anderson	Meyer	28296
2101	Smith	Ingraham	4250
2102	Exnicios	Scott	1295
2103	Same	Moore	19078
2104	Same	Central	760
2105	Same	Klimm	2319
2106	Same	Johnson	462

APARTMENTS
(1985) SW FOURTEENTH & SANCHEZ Three-story and basement frame (18) apartments.
Owner—Ernest Johnson, 581 Belvedere St., San Francisco.
Architect—None. $30,000

RESIDENCE
(1986) W SAN LORENZO WAY 94 E Portola Drive. Two-story and basement frame residence.
Owner—Garden Homes Co., 278 Post St., San Francisco.
Architect — Henry H. Gutterson, 278 Post St., San Francisco.
Contractor—Mangels Bros., 4792 Mission St., San Francisco. $6000

RESIDENCE
(1987) S SANTA MONICA 241 E Santa Clara. Two-story and basement frame residence.
Owner—Garden Homes Co., 278 Post St., San Francisco.
Architect — Henry H. Gutterson, 278 Post St., San Francisco.
Contractor—Mangels Bros., 4792 Mission St., San Francisco. $6000

RESIDENCE
(1988) S SANTA MONICA 68 E Santa Clara. Two-story and basement frame residence.
Owner—Garden Homes Co., 278 Post St., San Francisco.
Architect — Henry H. Gutterson, 278 Post St., San Francisco.
Contractor—Mangels Bros., 4792 Mission St., San Francisco. $6000

RESIDENCE
(1989) S PORTOLA DRIVE 108 E Santa Paula. Two-story and basement frame residence.
Owner—Garden Homes Co., 278 Post St., San Francisco.
Architect—Earle B. Bertz, 168 Sutter St., San Francisco.
Contractor—Mangels Bros., 4792 Mission St., San Francisco. $5000

STOCKHOLDERS AUXILIARY CORP.

INSURANCE { FIRE
SURETY BONDS
CASUALTY

PHONE DOUGLAS 6000
550 MONTGOMERY ST.

ALTERATIONS
(1990) SW GEARY AND MASON. Interior alterations and repairs to restaurant.
Owner—Harry Marquard. Premises.
Architect—None.
Contractor—Carson & Gibbs, 2116 Fillmore St., San Francisco. $3000

DWELLING
(1991) E MADRONE 60 S Taraval. One-story and basement frame dwelling.
Owner—E. N. Moor and wife, 1247 Waller St., San Francisco.
Architect—Mangels Bros., 4792 Mission St., San Francisco.
Contractor—Mangels Bros., 4792 Mission St., San Francisco. $4000

FRAME FLATS
(1992) W FIFTEENTH AVE 100, 150, 175 and 200 S Cabrillo. Four two-story and basement frame (2 flats in each).
Owner—Strand & Strand, 163 Parnassus Ave., San Francisco.
Architect—None. $6000 each

DWELLING
(1993) W THIRTY-THIRD AVE 175 N Taraval. One-story and basement frame dwelling.
Owner—George E. Foster, 686 Fulton St., San Francisco.
Designer—Robert A. Foster, 1576 45th Ave., San Francisco.
Contractor—Robt. A. Foster, 1576 45th Ave., San Francisco. $3000

DWELLING
(1994) N PARK 225 W Mission. One-story and basement frame dwlg
Owner—S. Rebottaro, 82 Arlington St., San Francisco.
Architect—None.
Contractor—John P. Cuneo, 5079 Mission St., San Francisco. $5000

ALTERATIONS
(1995) N EUCLID AVE 95 W Jordan Ave. Remodel attic space for rooms.
Owner—C. P. Cutter.
Architect—E. A. Meussdorffer, Humboldt Bank Bldg., San Francisco.
Contractor—Fennell & Chisholm, 180 Jessie St., San Francisco. $1200

REPAIRS
(1996) E TWENTY-SECOND ST. bet. Church and Dolores No. 3570. General repairs for residence.
Owner—J. M. Dodd, 80 Hill St., San Francisco.
Architect—None.
Contractor—C. Olson, 376 Hill St., San Francisco. $2800

STORE, ETC.
(1997) NO. 4610 MISSION. Two-story and basement frame store and office building.
Owner—J. W. and Bernadine Scheld. Premises.
Architect—Jno. J. Foley, 770 5th Ave., San Francisco. $8000

FRAME FLATS
(1998) W MISSION 50 and 75 N Mohawk. Two two-story and basement frame (2 in each) flats.
Owner—P. Cirimele, 357 Union St., San Francisco.
Architect—John P. Cuneo, 5079 Mission St., San Francisco.
Contractor—John P. Cuneo, 5079 Mission St., S. F. $9000 each

ALTERATIONS
(1999) NO. 940 CLEMENT. Remodel first floor of present building for stores and make minor addition (stores and dwelling).
Owner—Mrs. Alice Rahl. Premises.
Architect—Philip Schwerdt, 2920 Jackson St., San Francisco. $3750

ADDITION
(2000) W DIVISADERO 160 S Duboce. Additions and general changes to 10-room residence for 3 5-room and 3 4-room apartments.
Owner—Elizabeth J. Hunt, 61 Divisadero St., San Francisco.
Architect—D. J. Paterson, 46 Kearny St., San Francisco.
Contractor—Andrew Olsen, 289 Fell St. San Francisco. $20,000

APARTMENTS
(2001) S TURK 187-6 W Taylor. Six-story and basement concrete (12) apartments.
Owner—Thos. McDougal, Claus Spreckels Bldg., San Francisco.
Architect — Jos L. Stewart, Claus Spreckels Bldg., San Francisco.
Contractor—Atlas Concrete Co., 180 Jessie St., S. F. $123,900

FLATS
(2002) S LINCOLN WAY, 100-125-150 W 22nd Ave.; E 23rd Ave., 25, 50, 75 S Lincoln Way. Three 2-story and basement frame (2 flats in each).
Owner—Oscar Heyman & Bro., 742 Market St., San Francisco.
Architect—Alvin J. Stern, 742 Market St., San Francisco. $5000 each

DWELLING AND GARAGE.
(2003) S FILBERT, 100 E Baker. One-story frame (private) garage.
Owner—R. H. Dement, 2769 Filbert St.,
Architect—Plans by contractor.
Contractor—W. E. Grant, 1032 Irving St., San Francisco.
Cost $4500; garage $450

DWELLING.
(2004) W 25TH AVE., 150 N Cabrillo. One-story and basement frame dwelling.
Owner—James O. Maxon, 247 Montgomery St., San Francisco.
Architect—None.
Contractor—Day work. Cost $4000

DWELLING
(2005) E THIRTY-FOURTH AVE 100 S Taraval S 50xE 120. All work for one-story and basement frame dwelling.
Owner—Samuel L. and Hannah Friedman, 2051 Scott St., S. F.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.
Contractor—Ernest Swanson, 180 Jessie St., San Francisco.
Filed May 17, '23. Dated May 16, '23.
Enclosed and roof on.....$1500
Brown coated 1500
Completed and accepted..... 1500
Usual 35 days..... 1500
TOTAL COST. $6000
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.
NOTE—Permit and recorded contract reported April 13, 1923, No. 1455.

STRUC. STEEL
(2006) S UNION 137-6 E Webster E 75 by S 137-6. Structural steel for class A theatre building.
Owner — Samuel H. Levin, Chronicle Bldg., San Francisco.
Architect—Reid Bros., 105 Montgomery St., San Francisco.
Contractor—Golden Gate Iron Works, 1541 Howard St., S. F.
Filed May 17, 1923. Dated April 20, 1923.
5th day each month 75%
Usual 35 days 25%
TOTAL COST, $——
$115 per ton.
Bond, $7000; Sureties, Alfred H. Vogt, Nate Hoffman; Forfeit, none; Limit, 90 days; Plans and specifications filed.

APARTMENTS.
(2009) N JACKSON, 75 E LYON. Three-story and basement frame (4) apartments.
Owner—John J. Kingwell, Butler Bldg.
Architect—H. C. Baumann & Edw. Jose, 251 Kearny St., San Francisco.
Contractor—W. Prout, 115 Magellan Ave., San Francisco. $20,000

DWELLINGS.
(2010) E 36TH AVE., 90, 115, 140, 165, 190, 215 S Balboa. Six 1-story and basement frame dwellings.
Owner—Jonathan Anderson.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Meyer Bros., 5326 Geary St., San Francisco. $3000 each

FLATS.
(2011) SE 15TH AVE. AND CABRILLO. 2-story and basement frame (2) flats.
Owner—J. M. Peters, 1045 Balboa St., San Francisco.
Architect—None.
Contractor—J. M. Peters, 1045 Balboa St., San Francisco. $6000

SHOP AND SALESROOM.
(2012) SE FOLSOM AND 17TH STS. One-story class C (concrete) shop and salesroom.
Owner—J. Allec, 2140 Folsom St., San Francisco.
Architect—A. S. Bugbee, 26 Montgomery St., San Francisco.
Contractor—Cahill Bros., 110 Sutter St. $50,000

DWELLINGS.
(2013) W 4TH AVE., 70.9 and 95.9 S Parnassus Ave. Two 2-story and basement frame dwellings.
Owner—City Realty Co., 46 Kearny St., San Francisco.
Architect—Plans by owners.
Contractors—Cox Bros., 1309 9th Ave., San Francisco. $4000 each

DWELLING.
(2014) N THOMAS, 82.6 E Keith. 1½-story and basement frame dwelling.
Owner—Wm. H. Grahn, 2840 Bryant St., San Francisco.
Architect—None. $3000

FACTORY.
(2015) NW DUBOCE AVE. and Stevenson Sts. Two-story frame factory.
Owner—Morrison & Co., 769 McAllister St., San Francisco.
Architect—None.
Contractor—G. Petterson, 185 Stevenson St., San Francisco. $3160

DWELLING.
(2016) N BALBOA, 120 E 48th Ave. One-story and basement frame dwelling.
Owner—Ellen Douglas, 600 Oak St., San Francisco.
Architect—Hermann Barth, Phelan Bldg., San Francisco.
Contractor—John Douglas, 600 Oak St., San Francisco. $3500

MANUFACTURING PLANT.
(2017) S JESSIE, 161.3 W 6th. One-story reinforced concrete light manufacturing plant.
Owner—Geo. A. Cluff.
Engineer and builder—J. H. Hjul, 1342 Mission St., San Francisco. $5000

STORE.
(2018) N McALLISTER, 110 E Gough. One-story and basement reinforced concrete store.
Owner—Mrs. M. H. Lawrence, et al, 910 Steiner St., San Francisco.
Architect—None.
Contractor—R. S. K. McMillan, 2641 Howard St., San Francisco. $11,000

DWELLINGS.
(2019) NE GUTTENBERG & MORSE. E Guttenberg, 25, 50, 75, 100, 125, 150 N Morse and E Guttenberg, 25, 90, 115, 140, 165 N Mission. Twelve 1-story and basement frame dwellings.
Owner—Morrill Estate, Inc., 3210 22nd St., San Francisco.
Architect—None. $3000 each

FLATS.
(2020) W 15TH AVE., 148.6, 172.6, 196.6, 220.6 and 244.6 N Cabrillo. Five 2-story and basement frame (2) flats each.
Owner—E. A. Janssen, 402 Hearst Bldg., San Francisco.
Architect—None. $9650 each

RESIDENCE.
(2021) E SANTA PAULA, 342 S Portola. Two-story and basement frame residence.
Owner—D. J. Tight, Burlingame, Calif.
Architect—Plans by owner.
Contractor—Fred Miller, 225 Dolores St., San Francisco. $7000

STORE AND LOFT.
(2022) SE BRYANT AND CENTER Place. Two-story frame store and loft.
Owner—Smith O'Brien, 742 Market St., San Francisco.
Architect—Plans by owner.
Contractor—Mission Concrete Co., 517 New Call Bldg., San Francisco. $8500

DWELLINGS.
(2023) E JULES AVE., 300 and 325 S DeMontford. Two 1-story and basement frame dwellings.
Owner—Mrs. A. J. Sullivan, 240 Jules Ave., San Francisco.

Architect—None.
Contractor—Olson and Sullivan, 240 Jules Ave., San Francisco. $3000 ea.

FRAME BLDG.
(2024) W TWENTY-FIRST AVE 200 S Lake S 25xW 120. All work except heating, fixtures, shades and finish hardware for two-story and basement frame dwelling.
Owner—Adolph C. Wolf, 425 Kearny St., San Francisco.
Architect—W. H. Crim Jr and Hamilton Murdock, 425 Kearny S., S. F.
Contractor—McIntosh Bros., 180 Jessie St., San Francisco.
Filed May 18, '23. Dated May 10, '23.
Roof on $3837.50
Brown coated 3837.50
Completed and accepted..... 3837.50
Usual 35 days..... 3837.50
TOTAL COST, $15,350.00
Bond, none. Limit, 100 days. Forfeit, $10. Plans and specifications filed.

BUILDING
(2025) S TURK 87-6 W Taylor W 87-6xS 137-6. All work for six-story and basement reinforced concrete building.
Owner — Thos. McDougall, Claus Spreckels Bldg., San Francisco.
Architect — Jos. L. Stewart, Claus Spreckels Bldg., San Francisco.
Contractor — Atlas Concrete Co., 180 Jessie St., San Francisco.
Filed May 18, '23. Dated May 17, '23.
2nd floor joists set.....$15,000
4th floor joists set..... 15,000
Ready for plaster..... 15,000
Plastering finished 25,000
Completed and accepted..... 22,825
Usual 35 days..... 30,975
TOTAL COST, $123,900
Bond, $60,000. Sureties, Stephen I. Green and Jno. Cassaretto. Limit, 120 days. Forfeit, none. Plans and specifications filed.

WAREHOUSE
(2026) COM. 38 S TWENTY-THIRD & 35 E Maryland E 400 x S 125. Reinforced concrete work for sugar warehouse.
Owner—J. D. & A. B. Spreckels Securities Co. at Western Sugar Refinery, 2 Pine St., San Francisco.
Architect—None.
Contractor—Adam Arras Co., 185 Stevenson St., San Francisco.
Filed May 18, 1923. Dated April 27, 1923.
10th and 25th eac hmonth.....75%
Usual 35 days 25%
TOTAL COST, $26,760
Bond, $13,380; Sureties, Fidelity & Deposit Co. of Maryland; Forfeit, none; Limit, 75 days after begin.; Plans and specifications filed.

FRAME FLATS
(2027) N GREEN 142-6 W Broderick. Two-story and basement frame (2) flats.
Owner—Daniel Brown Estate Co., 145 Commonwealth Ave., S. F.
Architect—Walter C. Falch, Hearst Bldg., San Francisco.
Contractor—J. M. Hooper, 33 Guerrero St., San Francisco. $14,750

DWELLING
(2028) W THIRTY-THIRD 125 S Cabrillo. One-story and basement frame dwelling.
Owner—J. F. Dowling, 271 Russ Bldg., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco $3600

FRAME FLATS
(2029) SE EIGHTH AVE AND KIRKHAM. Two-story and basement frame (4) flats.
Owner—F. Monson, 1757 9th Ave., San Francisco.
Architect—None. $8000

FRAME FLATS
(2030) N LAKE 70 E Funston Ave E 30xS 72. All work for two-story and basement frame flats.
Owner—Robert F. Schaezlein, 100 2nd Ave., San Francisco
Architect—None.
Contractor—John V. Stiefel, 184 23rd Ave., San Francisco.
Filed May 19, '23. Dated May 16, '23.
Frame up and roof sheathed...$3750
Brown coated 3750
Completed and accepted..... 3750
Usual 35 days..... 3750
TOTAL COST, $15,000
Bond, $7500, Sureties, Chas. S. Boyen and M. A. Slattery. Limit, 100 days. Forfeit, none. Plans and specifications filed.

BUILDING
(2031) E SANTA PAULA AVE being Lot 9 and S 5 ft. Lot 8 Blk 24, St. Francis Wood Extn. No. 2. All work for two-story building.
Owner—D. J. Tight, 4 Santa Inez Ave., Burlingame.
Architect—None.
Contractor—Fred Miller, 225 Dolores St., San Francisco.
Filed May 19, '23. Dated May ——.
Frame up $1700
Enclosed and brown coated.... 1700
Completed and accepted..... 1850
Usual 35 days..... 1750
TOTAL COST, $7000
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

DWELLINGS
(2032) W CORONA 50, 100, 150, 200, 250 and 300 N Urbano Drive.
E CORONA 50, 100, 150, 200, 250 300 and 350 N Urbano Drive. 13 1-story and basement frame dwlgs.
Owner—C. S. Allred, 159 Liberty St., San Francisco.
Architect—None. $4000 each

DWELLINGS
(2033) N GRANVILLE WAY 210, 243, 276, 309, 342 E Claremont Blvd. Five one-story and basement frame dwellings.
Owner—St. George Holden, 308 Crocker Bldg., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.
Contractor—Wm. L. Terry, 1456 Willard St., San Francisco. $6500 ea

ADDITION
(2034) E STOCKTON 25 S Post. Addition for offices.
Owner—The Rudolph Wurlitzer Co. of California, 250 Stockton St., S. F.
Architect—Vernon W. Houghton, 275 Post St., San Francisco. $8000

ALTERATIONS
(2035) NO. 2048 BAKER. Alter for 2 flats; add 2 rooms.
Owner—A. Nioclai, Premises.
Architect—None. $2500

DWELLING
(2036) W KENSINGTON 70 N Ulloa. One-story and basement frame dwelling.
Owner—P. Furnell, 813 Page St., San Francisco.
Architect—H. G. Stoner, 1st National Bank Bldg., San Francisco.
Contractor—P. Furnell, 813 Page St., San Francisco. $3500

DWELLING
(2037) NW FORTY-SECOND AVE & Lincoln Way. One-story and basement frame dwelling.
Owner—Ralph Ellis, 403 Pine St., San Francisco.
Architect — R. Irvine, 507 Call Bldg., San Francisco. $3500

DWELLING
(2038) W MANCHESTER 280 S Bessie One-story and basement frame dwelling.
Owner — Sam Garfalo, 63 Manchester St., San Francisco.
Architect—None. $2000

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REPAIRS
(2039) NO 838 GREENWICH. Repair brick bake oven and sidewalk and construct new brick oven in bakery
Owner—T. Schabiague, 321 Church St., San Francisco.
Architect—None. $1000

FACTORY.
(2040) NE SEVENTEENTH & CAPP Two-story and basement reinforced concrete factory.
Owner—West Coast Laundry Machinery Co., 3246 17th St., S. F.
Architect—P. Righetti, 12 Geary St., San Francisco. $12,500

FRAME FLATS
(2041) W FRANKLIN 25 S Francisco. Two-story and basement frame (2) flats.
Owner—Joseph B. Jacques, 593 Market St., San Francisco.
Architect—Erle J. Osborne, 821 Balboa Bldg., San Francisco.
Contractor—Elmer Carlson, 180 Jessie St., San Francisco. $14,000

STORE AND LOFT.
(2042) SW MASON AND DICKMANN Place. Two-story and basement reinforced concrete store and loft.
Owner—Carlo Matraia, care 747 New Call Bldg., San Francisco.
Architect—Aug. G. Headman, 747 New Call Bldg., San Francisco.
Contractor—J. Del Bavero, 180 Jessie St., San Francisco. $15,000

DWELLING.
(2043) W FRANKLIN, 62.6 S Chestnut. One-story and basement frame dwelling.
Owner—Mrs. Lillie Risdon, 1548 Greenwich St., San Francisco.
Architect—C. D. Delmarter, 5933 Geary St., San Francisco.
Contractor—C. D. Delmarter, 5933 Geary St., San Francisco. $3000

REMODEL SHOW WINDOWS.
(2044) 352 Post st. Remodel show windows.
Owner—Cosgrove Cloak & Suit Co., 352 Post St., San Francisco.
Architect—None.
Contractor—J. S. Malloch, 180 Jessie St., San Francisco. $1000

DWELLINGS.
(2045) N HERMAN, 55 & 80 E Holly Park Circle. Two 1½-story and basement frame dwellings.
Owner—L. Ferrieros, 3289 Mission St., San Francisco.
Architect—None. $3000 each

BUILDING
(2046) S JACKSON, 124-3 E Franklin E 56-3xS 127-8¼. Felt and gravel roofing and water proofing floors of shower rooms for building.
Owner—E. H. Brownstone and I. R. Kissel, 1540 Polk St., S. F.
Architect—Bliss & Faville, Balboa Bldg., San Francisco.
Contractor—Malout & Peterson, 2412 Harrison St., San Francisco.
Filed May 21, '23. Dated Mar. 29, '23.
On completion $298
TOTAL COST, $298
Bond, none. Limit, Sept. 1, 1923. Forfeit, $10. Plans and specifications filed

(2047) GLASS AND GLAZING ON above.
Contractor—Schwarz & Gottlieb, 574 Eddy St., San Francisco.
Filed May 21, '23. Dated May 1, '23.
Monthly payments of..... 75%
Usual 35 days..... 25%
TOTAL COST, $1250
Bond, $625. Surety, M. H. Gnecco. Limit, Sept. 1, 1923. Forfeit, none. Plans and specifications filed.

BUILDING
(2048) SE MARKET 176-6 NE 6th NE 49-3 x SE 170. All work except painting and electrical work for alterations to 7-story and basement class B bldg.
Owner—Wilson Estate Co., Nevada Bk. Bldg., San Francisco.
Architect—Martin A. Sheldon, 110 Sutter St., San Francisco.
Contractor—R. J. H. Forbes, Monadnock Bldg., San Francisco.
Filed May 21, 1923. Dated May 21, 1923.
Partition studs & ceiling joists brown coated $4150
Completed and accepted 5000
Usual 35 days 3050
TOTAL COST, $12,200

Bond, $6100; Sureties, Continental Casualty Co.; Forfeit, $75; Limit, 30 days after May 31, 1923; Plans and specifications filed.

BUILDING
(2049) N CLEMENT 60 W 11TH AVE. W 30 x N 75. All work for 1-story frame building.
Owner—F. M. Kaye, 400 Clement St., San Francisco.
Architect—O'Brien Bros., 315 Montgomery St., San Francisco.
Contractor—D. L. Bienfield, 1405 Clement St., San Francisco.
Filed May 21, 1923. Dated May 19, 1923.
Frame up $1512.50
Plastered one coat 1512.50
Completed and accepted 1512.50
Usual 35 days 1512.50
TOTAL COST $6050
Bond, $3025; Sureties, Louis Bruenn & Elsie C. Bienfield; Forfeit, none; Limit, 60 days; Plans and specifications filed.

BUILDING
(2050) S HARRISON 110 E 5th St. All work except interior partitions and work pertaining to office of 1-story reinforced concrete building.
Owner—The Peninsula Burners & Oil Co., 2156 3rd St., S. F.
Architect—None.
Contractor—The Pacific Concrete & Mosaic Co., 32 Shotwell St., S. F.
Filed May 21, 1923. Dated May 1, 1923.
Walls poured $1600
Roof on & bldg. enclosed 1500
Brown coated 1700
Usual 35 days .....
TOTAL COST $6400
Bond, $3200; Sureties, Fidelity & Deposit Co. of Maryland; Forfeit, none; Limit, 40 days; Plans and specifications filed.

BUILDING.
(2051) N DUBOCE, 55 E Guerrero, E 25, N 75. Two-story and basement frame building.
Owner—Edward A. Wands, 186 Duboce Ave., San Francisco.
Architect—None.
Contractor—L. W. Weismann & Son, 1951 Market St., San Francisco.
Filed May 21, 1923. Dated May 9, 1923.
Frame up $3086
Brown coat plaster on.....$3086
Completed and accepted $3086
Usual 35 days $3087
TOTAL COST $12,345
Bonds, $6,175; Sureties, Thos. J. Guilfoy and Chas. Gellirt; Forfeit, none; Limit 120 days. Plans and specifications filed.

(2052) N BROADWAY bet. Octavia & Laguna. Grading for eleven-story apartment building.
Owner—The Heights, % Randolph Whitney, Monadnock Bldg., S. F.
Architect—Frederick W. Quandt, Humboldt Bank Bldg., San Francisco.
Contractor—Reeder Constr. Co., 180 Jessie St., San Francisco.
Filed May 21, '23. Dated May —, '23.
On acceptance 75%
Usual 35 days..... 25%
TOTAL COST, $1400
Bond, $700. Surety, Hartford Accident & Indemnity Co. Limit, as required. Forfeit, none. Plans and specifications filed.

(2053) FOUNDATION CONCRETE ON above.
Contractor—Adam Arras Co., 185 Stevenson St., San Francisco.
Filed May 21, '23. Dated May —, '23.
Payments same as above.....
TOTAL COST $998
Bond, $499. Surety, Fidelity & Deposit Co. of Maryland. Limit, as required. Forfeit, none. Plans and specifications filed.

(2054) STRUCTURAL STEEL & IRON and steel and iron erection on above.
Contractor—Schrader Iron Works, Inc., 1217 Harrison St., San Francisco.
Filed May 21, '23. Dated May —, '23.
3rd floor steel in place.....$8250
7st floor steel in place..... 8250
Completed and accepted..... 8250
Usual 35 days..... 8379
TOTAL COST, $33,129
Bond, $16,564.50. Surety, Fidelity & Deposit Co. of Maryland. Limit, as required. Forfeit, $10. Plans and specifications filed.

(2055) CONCRETE ON ABOVE.
Contractor—Henry Jacks & W. K. Irvine, 5426 California St., S. F.
Filed May 21, 1923. **Dated May —, 1923**
On 10th day each month 75%
Usual 35 days 25%
TOTAL COST, $38,660
Bond, $19,330; Sureties, Fidelity & Deposit Co of Maryland; Forfeit, none; Limit, 120 days after notified; Plans and specifications filed.

(2056) METAL LATHING AND FURring on above.
Contractor — A. Knowles, Call Bldg., San Francisco.
Filed May 21, 1923. **Dated May —, 1923**
On 10th day each month 75%
Usual 35 days 25%
TOTAL COST, $30,131
Bond, $15,065; Sureties, Fidelity & Deposit Co. of Maryland; Forfeit, none; Limit, 60 days after notified; Plans and specifications filed.

(2057) CARPENTRY WORK ON Above.
Contractor—Henry Jacks and W. K. Irvine, 5426 California St., S. F.
Filed May 21, 1923. **Dated May —, 1923**
On 10th day each month 75%
Usual 35 days 25%
TOTAL COST, $31,025
Bond, $15,512.50; Sureties, Fidelity and Deposit Co. of Maryland; Forfeit, none; Limit, 100 days after notification to start work; Plans and specifications filed.

(2058) TILING ON ABOVE.
Contractor—Rigney Tile Co., 2148 Telegraph Ave., Oakland.
Filed May 21, 1923. **Dated May —, 1923**
Usual 35 days 25%
On 10th day each month 75%
TOTAL COST, $4676
Bond, $2338; Sureties, Fidelity and Deposit Co. of Maryland; Forfeit, none; Limit, 60 days; Plans and specifications filed.

(2059) STEAM HEATING ON ABOVE.
Contractor—J. E. O'Mara Co., 445 Minna St., San Francisco.
Filed May 21, 1923. **Dated May —, 1923**
On 10th day each month 75%
Usual 35 days 25%
TOTAL COST, $8200
Bond, $4900; Sureties, Fidelity & Deposit Co. of Maryland; Forfeit, none; Limit, 100 days after niotfication to start work; Plans and specifications filed.

(2060) PLUMBING ON ABOVE.
Contractor—Wm. F. Wilson Co., 328 Mason St., San Francisco.
Filed May 21, 1923. **Dated May —, 1923**
On 10th day each month 75%
Usual 35 days 25%
TOTAL COST, $23,747
Bond, $11,873.50; Sureties, Fidelity & Deposit Co. of Maryland; Forfeit, none; Limit, as required; Plans and specifications filed.

(2061) ELECTRIC WORK ON ABOVE.
Contractor — Wedel Electric Co., 235 Montgomery St., San Francisco.
Filed May 21, 1923. **Dated May —, 1923**
On 10th day each month 75%
Usual 35 days 25%
TOTAL COST, $6711
Bond, $3355.50; Sureties, Hartford Accident & Indemnity Co.; Forfeit, none; Limit, as required; Plans and specifications filed.

(2062) PLUMBING ON ABOVE.
Contractor—W. S. Wentenhall, 701 Alpas Bldg., San Francisco.
Filed May 21, 1923. Dated May 21, 1923.
On 10th day each month 75%
Usual 35 days 25%
TOTAL COST, $5687
Bond, $2843.50; Sureties, Fidelity & Deposit Co. of Maryland; Forfeit, none; Limit, as required; Plans and specifications filed.

SCHOOL
(2063) S PINE 143 W Grant Ave. Four-story and basement concrete school.
Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.
Architect — Cole & Brouchoud, Chico, Calif.
Contractor James L. McLaughlin, 251 Kearny St., S. F. $150,000

APARTMENTS
(2064) NW DIVISADERO AND EDDY Three-story and basement frame stores and (12) apartments.
Owner—M. T. Kelley, 892 Union St., San Francisco.
Architect—W. C. Mahoney, 892 Union St., San Francisco. $30,000

APARTMENTS
(2065) E LYON 110 S Lombard. Three story and basement frame (11) apartments.
Owner—Martin N. Miller, % Architect.
Architect — Mel. I. Schwartz, Nevada Bank Bldg., San Francisco.
Contractor—John Spargo, Russ Bldg., San Francisco. $27,000

COLLEGE
(2066) S SUTTER 70 E Larkin. Ten-story and basement steel frame and reinforced concrete medical college
Owner—Dr. Albert Abrams,% Architect
Architect — Mel. I. Schwartz, Nevada Bank Bldg., San Francisco.
Not Yet Awarded. $300,000

DWELLING
(2067) S SANTA ROSA AVE 125 W Mission. One-story and basement frame dwelling.
Owner—George C. Romani, 4602 Mission St., San Francisco.
Architect—None.
Contractor — M. Brueck, 600 Charter Oak Ave., San Francisco. $8000

DWELLING
(2068) S CABRILLO 90 W 42nd Ave. One-story and basement frame dwelling.
Owner—D. Leigh, 840 44th Ave., S. F.
Architect—None. $4000

ALTERATIONS
(2069) NO. 57 CHATTANOOGA. Raise residence 5 ft., add sun porch and alter for basement garage.
Owner—J. Scholtzhauser, Premises.
Architect—None. $1000

ALTERATIONS
(2070) NO. 1150 SACRAMENTO. Remodel for chauffeur's quarters and garage.
Owner—Mrs. Wm. Sproule, Premises.
Architect—None.
Contractor—Schultz Constr. Co., 46 Kearny St, San Francisco. $2000

ALTERATIONS
(2071) NO. 262 CUMBERLAND. Alter for private garage; add bath to dwelling.
Owner—E. S. Arata, 721 Geary St., San Francisco.
Architect—None. $1000

DWELLING
(2072) W FORTY-SEVENTH AVE 175 S Lawson. One-story and basement frame dwelling.
Owner—Frank Swickard, 804 Stanyan St., San Francisco.
Architect—None. $3000

DWELLING
(2073) N MERCED 115 W Pacheco. One-story and basement frame dwelling.
Owner — Wm. Koenig, 1 Pacheco St., San Francisco.
Plans by Owner. $4100

ADDITION
(2074) N SACRAMENTO 130-6 W Montgomery N 119-6 W 22-11½ S 59-8 E 5 in. S 59-10 E 22-6¾. Structural steel for 3-story and basement class A addition to bldg.
Owner — Mergenthaler Linotype Co., premises.
Architect—A. A. Cantin, 68 Post St., San Francisco.
Contractor—S. S. Herrick, 18th & Campbell Sts., Oakland.
Filed May 22, 1923. Dated May 15, 1923.
1st & 15th each month.....75%
Usual 35 days 25%
TOTAL COST, $9639
Bond, Sureties, none; Forfeit, $5.00; Limit, 45 days; Plans and specifications filed.

(2075) ERECTION OF STRUCTURAL steel work on above.
Contractor—S. S. Herrick, 18th and Campbell Sts., Oakland.
Filed May 22, 1923. Dated May 15, 1923.
Payments same as above.
TOTAL COST, $2000

Bond, $1000; Sureties, Hartford Accident & Indemnity Co.; Forfeit, $5.00; Limit, 70 days; Plans and specifications filed.

FLATS.
(2076) N CHESTNUT, 112-6 E Gough, N 137:6 x E 25. Two-story frame bldg. (flats).
Owner—Achille and Sadie Ragghianti, 516 Filbert St., San Francisco.
Architect—John J. Foley, 770 5th Ave., San Francisco.
Contractor—Fred S. Johnson, 166 Dolores St., San Francisco.
Filed May 23, 1923. Dated May 16, 1923.
Frame up $3150
Brown coated $3150
Complete and accepted $3150
Usual 35 days after $3150
TOTAL COST $12,600
Bond, $6300; Sureties, John O'Connor and Frank Portman; Forfeit, none; Limit, 95 days. Plans and Specifications filed.

BUILDING
(2077) E BRYANT AND CENTER PL. NE 25xSE 80. All work for two-story and mezzanine reinforced concrete Class C building.
Owner—Smith O'Brien and C. B. Hobson, 742 Market St., S.F.
Architect—Smith O'Brien, 742 Market St., San Francisco.
Contractor—Mission Concrete Co., Call Bldg., San Francisco.
Filed May 22, 1923. Dated May 21, 1923.
On the 1st of each month.....75%
Usual 35 days after 25%
TOTAL COST $9315
Bond, $4658; Sureties, Stephen Guerin and Edwin T. Peterson; Forfeit, $10; Limit 60 days. Specifications and Plans filed.

FLATS
(2078) W HARTFORD 220 N 20th. All work for 2-story frame flat building.
Owner—John A. & Eva Speckman, 234 Hartford St., S. F.
Architect—None.
Contractor—Jenkins & Gross, 3360 Market St., San Francisco.
Filed May 22, 1923. Dated April 27, 1923.
Frame up & ready for room $2621.50
First coat plaster on 2621.50
completed and accepted 2621.50
Usual 35 days 2621.50
TOTAL COST, $10,486
Bond, $5243; Sureties, J. F. Hamann; Gesiva Jenkins; Forfeit, none; Limit, Aug. 1, 1923; Plans and specifications filed.

RESIDENCE
(2079) NE PALOU AVE 125 NW Keith NW 25 x NE 100 Ptn Lot 15 Blk. 309 South S F Hd & R R Assn. All work except painting, papering, light fixtures, window shades and finish hardware for 1-story and basement frame residence.
Owner—George Lorenz, 23 Pomona St., San Francisco.
Architect—Frederick G. Munk, Jr., 58 Frances St., San Francisco.
Contractor—T. L. Sharman, 1440 Shafter Ave., San Francisco.
Filed May 22, 1923. Dated April 26, 1923.
Frame up $1000
Brown Coated 1000
Completed and accepted 1000
Usual 35 days 1000
TOTAL COST, $4000
Bond, $2000; Sureties, Alfred Bothe and Howes Lumber Co.; Forfeit, none; Limit, 90 days; Plans and specifications filed.

FLATS
(2080) W FRANKLIN 25 S Francisco. All work except mantels, automatic heaters, shades, lighting fixtures and electric heaters and wall paper for 2-story flat bldg.
Owner—Joseph R. & Emma M. Jacques, 1952 Leavenworth St., S. F.
Architect—Erle J. Osborne Balboa Bldg San Francisco.
Contractor—Elmer Carlson.
Filed May 22, 1923. Dated May 21, 1923.
Frame up, rough plumbing and roof completed $4230
Rough plastered 4230
Completed and accepted 4230
Usual 35 days 4230
TOTAL COST, $16,920
Bond, $8460; Sureties, C. E. Reinhart, Joel Johnson; Forfeit, none; Limit, 150 days, Plans and specifications filed.

DWELLINGS
(2081) SE BRUSSELS 50 & 75 S E Wayland, 2 1-story and basement frame dwellings.
Owner—Roundey Realty Co., 995 Market St., S. F.
Architect—None. $3000

APARTMENTS
(2082) S GEARY 105 W 14th Ave. 3-story and basement frame (8) apts. and stores.
Owner—Geo. F. Rueter, 5025 Geary St., San Francisco.
Architect—None. $20,000

DWELLING
(2083) W FORTY-FOURTH AVE. 50 S Clement, 1-story and basement frame dwelling.
Owner—Mrs. C. A. Vellis, 403 44th Ave., San Francisco.
Architect—None.
Contractor—A. G. Bennett, 640 Post St., S. F. $4000

FLATS
(2084) S HENRY 205 W Sanchez, 2-story and basement frame (2) flats.
Owner—Henry W. Harms, 33 Henry St., San Francisco.
Architect—None.
Contractor—S. E. Brown, 1434 6th Ave., San Francisco. $8000

DWELLING
(2085) W MUNICH 90 S Rolph, 1-story and basement frame dwelling.
Owner—Harry C. Pinkerton, Jr., 157 Bellevue Ave., S. F.
Plans by owner. $3000

DWELLING
(2086) W TWENTY-FIRST AVE. N California, 2-story and basement frame dwelling.
Owner—J. P. McManus, 183 21st Ave., San Francisco.
Architect—None.
Contractor—H. C. Keenan, 639 45th Ave. San Francisco. $5000

DWELLING
(2087) N SOUTHWOOD DR. 99 E Miramar, 1-story and basement frame dwelling.
Owner—W. M. Robertson, 1375 Plymouth Ave., S. F.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.
Contractor — Nelson Bros., 1375 Plymouth Ave., S. F. $3000

ALTERATIONS
(2088) E LEAVENWORTH 87-6 N Chestnut, Alterations and additions for private garage in residence.
Owner—J. T. Crowe, 16 California St., San Francisco.
Plans by owner.
Contractor—G. Caranza, 374 Shotwell St., S. F. $1000

DWELLINGS
(2089) SE SOUTHWOOD DRIVE AND Faxon Ave.;
SE PLYMOUTH & GREENWOOD Ave.;
SE EASTWOOD DRIVE & WILDWOOD Way Three 1-story and basement frame dwellings.
Owner—Nelson Bros., 1375 Plymouth Ave., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco $4000 each

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DWELLINGS
(2090) E EASTWOOD DR. 35 S Wildwood;
S EASTWOOD DR. 99 San Ramon;
E PLYMOUTH Ave. 382, 240 & 160 N San Ramon Way;
E PLYMOUTH AVE 39 79 S Greenwood;
E PLYMOUTH AVE. 35 S Wildwood
Eight 1-story and basement frame dwellings.
Owner—Nelson Bros., 1375 Plymouth Ave., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. $3000 ea.

BANK
(2091) NW OCEAN & MIRAMAR AVES. 1-story frame bank.
Owner—Mercantile Trust Co. of California, 461 California St., S. F.
Architect—G. A. Lansburgh, 140 Montgomery St., S. F.
Contractor—C. R. Collupy, 464 California St., S. F. $20,000

SIGN
(2092) SW SPEAR AND MISSION STS. Erect roof sign (electric).
Owner—Thos. Lipton, Inc., 561 Mission St., San Francisco.
Architect—None.
Contractor—Federal Elec. Co., 91 New Montgomery St., S. F. $5000

REMODEL BUILDING.
(2093) 912 PAGE ST. Remodel present frame building for flats.
Owner—Mrs. Erma Wallace, 319 Divisadero St., San Francisco.
Architect—None.
Contractor—Anton Usnik, 99 Duboce Ave., San Francisco. $4000

MFG. BLDG.
(2094) SW FOLSOM AND ALICE 54-6 on Folsom and 160 on Alice. Rough and finish plumbing fixtures, etc., for two-story and mezzanine manufacturing building.
Owner—Bertha N. Greenberg, 225 Bush St., San Francisco.
Architect—Samuel L. Hyman, 68 Post St., San Francisco.
Contractor—William J. Forster Co., 670 Howard St., San Francisco.
Filed May 23, '23. Dated Apr. 10, '23.
Roughing in completed.....$457.33
Completed and accepted..... 457.33
Usual 35 days..... 457.33
TOTAL COST, $1371.00
Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

(2095) ROOFING ON ABOVE
Contractor—James Cantley & Co., 526 Magellan Ave., San Francisco.
Filed May 23, '23. Dated Apr. 27, '23.
Completed and accepted.....$321
Usual 35 days..... 107
TOTAL COST, $428
Bond, none. Limit, 10 days after commencement. Forfeit, none. Plans and specifications filed.

(2096) 1 HYDRO ELEC. FREIGHT elevator on above.
Contractor—Spencer Elevator Co., 166 Seventh St., San Francisco.
Filed May 23, '23. Dated May 11, '23.
On installment of guides..... ¼
On delivery of engine..... ½
Elevator running ..... ¼
TOTAL COST, $1250
Bond, Ipoit, forfeit, none. Plans and specifications filed.

BUILDING
(2097) SE BRANNAN AND BUTTE Place NE 30 SE 81 NE 34 SE 24-9 SW 64 NW 105-9. All work for one story building.
Owner—Azalea Lewenhaupt.
Architect—J. R. Miller and T. L. Pflueger, Lick Bldg., S. F.
Contractor — Buschke & Brown, 185 Stevenson St., San Francisco.
Filed May 23, '23. Dated May 22, '23.
On 5th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $9295
Bond, $4647.50. Sureties, Wm. A Rainey and Frank Dawson. Limit, 70 days. Forfeit, none. Plans and specifications filed.

RESIDENCE
(2098) S SANTA ROSA AVE 125 W Mission W 50xS 100 Ptn Blk 4, Academy Tract. All work for frame residence.
Owner—George C. Romani, 4602 Mission St., San Francisco.
Architect—None.

Contractor—Michael Brueck, 600 Charter Oak Ave., San Francisco.
Filed May 23, '23. Dated May 19, '23.
Frame up $2050
Brown coated 2050
Completed and accepted..... 2050
Usual 35 days..... 2050
TOTAL COST, $8200
Bond, $4000. Sureties, Louis N. Devicenzi and John Buch. Limit, 90 days. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(2099) N TWENTY-SECOND 100 W Chattanooga W 25xN 78 M B 89. All work for alterations and additions to building.
Owner—John M. Dodd, 80 Hill St., San Francisco.
Architect—J. M. Dodd, 80 Hill St, San Francisco.
Contractor—Carl Olson, 376 Hill St., San Francisco.
Filed May 23, '23. Dated May 22, '23.
Enclosed $600
Brown coated 600
Interior ready for painting..... 600
Completed and accepted..... 600
Usual 35 days..... 875
TOTAL COST, $3275
Bond, none. Limit, 60 days after May 18. Forfeit, none. Plans and specifications filed.

COTTAGES
(2100) E THIRTY-SIXTH AVE 90 S Balboa S 150 E 120 N 140 W 62-6 N 10 W 57-6. All work for six cottages.
Owner—Jonathan Anderson, 423 16th Ave., San Francisco.
Architect—None.
Contractor—Meyer Bros., 5326 Geary St., San Francisco.
Filed May 23, '23. Dated May 1, '23
Frame up $7074
Brown coated 7074
Completed 7074
Usual 35 days..... 7074
TOTAL COST, $28 296
Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

FRAME BLDG.
(2101) N MORAGA 82-6 W Tenth Ave. All work for one-story and basement frame building.
Owner—Miss Ella Smith.
Architect—G. A. Berger, 261 Valencia St., San Francisco.
Contractor—M. C. Ingraham, 165 Fell St., San Francisco.
Filed May 23, '23. Dated May 22, '23.
Frame up $1250.00
Brown coated 1000 00
Completed 937 50
Usual 35 days..... 1062 50
TOTAL COST. Contractor to receive total cost plus 10% not to exceed $4250.
Bond, none. Limit 90 days. Forfeit plans and specifications, none.

RESIDENCE
(2102) SW ST FRANCIS BLVD AND San Benito Way St. Francis Wood. Steam heating, etc., for two-story and basement frame residence.
Owner—Mrs Jose Ferniclos, 3515 Geary St., San Francisco.
Architect — A. J. Horstmann, Anglo Bldg., 16th and Mission, S. F.
Contractor—Scott Co., 243 Minna St., San Francisco.
Filed May 23 '23. Dated May 15, '23.
When roughing in completed.. ½
System has been installed..... ½
Usual 35 days..... ½
TOTAL COST $1295
Bond, none. Limit, 90 days. Forfeit, $20. Plans and specifications, none.

(2103) GRADING, CONCRETE, BACK-filling, brick, carpentry, mill glazing, plaster, etc., on above.
Contractor — Moore & Madison, 77 O'Farrell St., San Francisco.
Filed May 23, '23. Dated May 15, '23.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $19,078
Bond, none. Limit, 120 days. Forfeit, $20. Plans and specifications, none.

(2104) ELECTRIC WIRING, ETC., ON above.
Contractor—The Central Elec. Co., 185 Stevenson St., San Francisco.
Filed May 23, '23. Dated May 15, '23.
When roughing in completed ... ½
When completed ..... ½
Usual 35 days..... ½
TOTAL COST, $760
Bond, none. Limit, 90 days. Forfeit, $20. Plans and specifications, none.

(2105) PLUMBING ON ABOVE.
Contractor—Frank J. Klimm, 221 Oak St., San Francisco.
Filed May 23, '23. Dated May 15, '23.
When roughed in..... ½
When completed ..... ¼
Usual 35 days..... ¼
TOTAL COST, $2319
Bond, none. Limit, 90 days. Forfeit, $20. Plans and specifications, none.

(2106) OIL BURNER EQUIPMENT on above.
Contractor—S. T. Johnson, 1337 Mission St., San Francisco.
Filed May 23, '23. Dated May 15, '23.
Completed and accepted..... ¾
Usual 35 days..... ¼
TOTAL COST, $462
Bond, none. Limit, 60 days. Forfeit, $20. Plans and specifications, none.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted
May 17, 1923—E FIFTEENTH AVE 225 N Fulton N 25xE 127-6. Walter C Johnson to C O Clausen.....May 10, 1923
May 17, 1923—W TWENTY-FIFTH Ave 100 N Cabrillo N 25xW 120. Jas O Maxon to whom it may concern.....May 17, 1923
May 17, 1923—NO. 2329 FRANKLIN near Vallejo. Mrs J White to Jas B McSheehy.....May 16, 1923
May 17, 1923—S O'FARRELL 87-6 W Hyde W 50xS 100. Percy D Tyler to whom it may concern..May 16, '23
May 18, 1923 — E GOUGH 100 N Chestnut N 25 x E 112-6. Ruth Rothschild, Finly Caro and S. V. Rothschild to John Eldrup, C. Hermanson .....May 17, 1923
May 18, 1923—SW COR. FIFTEENTH Ave. & Lincoln Way. E. E. Ilingson to whom it may concern.May 18, 1923
May 18 1923—W TWENTY-NINTH Ave 25 S Balboa S 75xW 90. A H Reith to T E Mohler...May 18, 1923
May 17, 1923—NW OAK AND Buchanan 82-6x90. A L Nelson to E K Nelson.....Nov. 14, 1922
May 19, 1923—W TWENTIETH AVE 250 N Fulton N 25xW 120. Gustaf R Johnson to whom it may concern.....May 19, 1923
May 19, 1923—SE BACON 55 NE Girard NE 32-6xSE 100. Frank Correa to Samuel Saari.....May 9, 1923
May 19 1923—LOT 19 BLK 6, Crocker Amazon Tct. Antonio Genochio to Ernest Swanson.....May 14, 1923
May 19, 1923—S HOWARD 175 E 6th. Eugene C Knowles to F L Hansen .....May 11, 1923
May 19, 1923—NW PINE & JOICE 52-10 on Pine 87-6 on Joice. 137-8½ on Powell. Minna D Bischel to whom it may concern..May 16, 1923
May 19, 1923—NO. 481 DEWEY BLVD Alfred C Hamerton to whom it may concern.....May 19, 1923
May 19 1923—S ARMY 200 E De Haro S 4° 21' E 405.6 N 53° 31' E 591.07 N 4° 21' W 116 23 S 85° 38' W 460 m or l to beg. Pacific Gas & Electric Co to the Bartlett Hayward Co.....May 18, 1923
May 19 1923—LOT 25x127-6 E Sixteenth Ave 200N Fulton. Peder J Johnson to whom it may concern.....May 19, 1923
May 19 1923—LOTS 19 AND 20 BLK 2 Forest Hill. E H Payne to W R Lindeman.....May 19 1923
May 21, 1923—SE ELEVENTH AVE & Clement. Golden Rule Invst Co and Samuel Blum to S Steinauer.....May 15, 1923
May 21, 1923—W CORDOVA 100 S Seville. E J Hargrave to whom it may concern.....May 16, 1923
May 21, 1923—W JULES AVE 225 N Holloway Ave N 25xW 112-6 Lot 45 Blk 26, Lakeview. Waino L Hermanson to whom it may concern..
May 21, 1923—SW THIRD & PERRY S 55xW 75. Leon A Kutner and E A Lobree to Emil Hogberg.....May 11, 1923
May 21, 1923—N UNION 112-6 W Pierce W 25xN 110. Thos C Daniels to Lager & Val Franz..May 18, 1923
May 21, 1923—STOCK PENS nr Quint St., bet Fairfax and Innes Sts. Southern Pacific Co to J P Holland .....May 15, 1923
May 22, 1923—S NATOMA 175 W 3rd W 28x80. B A Howkins to whom it may concern .....—
May 22, 1923—W SEVENTH AVE 200 N Kirkham N 25xW 120. Emma T Nichols to whom it may concern .....May 22, 1923
May 22, 1923—W EIGHTENTH AVE 125 N Fulton. Georgietta Cooper to McIntosh Bros.....May 19, 1923
May 22, 1923—NW FULTON AND Twentieth Ave W 30xN 100 S alg W 20th Ave to beg. W T Breen to H J. Hansen.....May 18, 1923
May 22, 1923—SE TWENTY-FIFTH and Church E 25-11xS 114. J Gonzalez to C Lindberg.May 22, 1923
May 22, 1923—LOT 174 Jacob Heyman's Sub Cobb Tract. G H Carlson to whom it may concern.....May 22, 1923
May 23, 1923—SE MARKET 374 NW Seventh SE 165xSW 44. A F Rousseau and Martin Rlty Co to whom it may concern.....May 21, 1923
May 23, 1923—N NATOMA AND Eighth NW 75xNE 275. George H Tay Co to Brode Iron Works.....May 18, 1923
May 23, 1923—SW JACKSON AND Spruce S 54xW 90-3. Frederick R Grannis to whom it may concern .....May 22, 1923

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Amount
May 17, 1923—N GREENWICH 58-6 E Lyon E 29xN 75. Charles L H Sherman vs Morris and Fannie Blumberg $189.37
May 17, 1923—NE 21 FT. LOT 22 and SW 16 ft. Lot 21 Blk 3, Forest Hill Map Ptn Blks 3 and 4, Forest Hill. Incandescent Supply Co vs Fred H and Alice M Field $247
May 17, 1923—E TWENTIETH AVE 325 N Geary N 25xE 120 Christenson Lumber Co vs Josephine F Melbourne and Hamilton & Costello $543.10
May 18, 1923—E FUNSTON AVE 100 N Geary N 25 x E 120. Standard Hardwood Floor Co. vs. Charles Schmitz. $632
May 19, 1923—NW SAN JOSE AVE 65 NE Broad NE alg NW San Jose Ave 32-2¾ N 96-4½ W 27 S 112-6 to NW San Jose Ave and pt of beg. H S Thomson vs R Borelli and W F Lovell $47
May 19, 1923—N NINETEENTH 186 m or l W Douglas W 33 m or l by N 114 E 33 m or l to beg. P E O'Hair & Co vs David J Beasley.....$197 50
May 19, 1923—N NINETEENTH 121-4 W Douglas W 33 m or l N 114 E 33 m or l to nt dist 121-4 W Douglas S 114. P E O'Hair & Co vs James C Gibson.....$171.25
May 19, 1923—N NINETEENTH 219 m or l W Douglas W 33 m or l to intersection formed by N 19th and E Lampson Lane N alg E Lampson Lane 114 E 33 m or l S 114 to beg. P E O'Hair vs James C Gibson and David J Beasley.....$197.50
May 19, 1923—N NINETEENTH 153 m or l W Douglas th alg N 19th 32 m or l WxN 114. P E O'Hair vs James C Gibson and David J Beasley $195
May 21, 1923—COMG. 108 S Caselli Ave and 498-10 W Douglass W 29-2 S 92 E 29-2 .. 92 Reinhart Lumber & Planing Mill Co vs J C Gibson and A. Merifiel $1295.88
May 21, 1923—COMG. 108 S Caselli ave And 528 W Douglass W 25 S 92 E 29-2 N 92. Reinhart Lumber % Planing Mill Co vs J C Gibson and A Merrifield.....$1295.88
May 21, 1923—W GUERRERO 61 S 22nd S 25xW 117-6. H A Becker & Son vs Mrs S Kuck.....$542.50
May 21, 1923—S BUSH 190 E Pierce E 36-6xS 137-6. Richmond Sanitary Mfg Co vs Geo A William, Annie Berndt and Rus Berndt.....$906.15
May 22, 1923—SE LINCOLN WAY & Thirty-fifth Ave S 100xE 132-6. J S Guerin & Co vs Jas C Gibson, Florence E Gibson and Leonard H Tyrrell $913.40
May 23, 1923—E FORTY-EIGHTH AV 250 S Taraval S 75 E 120 N 75 W to beg. Marshall & Stearns Co vs. Hamilton & Costello, Mrs. Harvey Dale or Florence Dale and Harry L Dale and National Surety Co.....$822.50

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded Amount

May 18, 1923—N GREEN 68-9 W Divisadero W 34-4½ x N 103-6. William Heidenreich, Joost Bros., C. S. Sewall, Capitol Art Metal Co., Lawrence S. Peltrano, Kawner Manufacturing Co. of Cal., George Hudson as National Lathing Co., Seipel & Johnson Mott Co, Reinhard Lumber & Planing Mill Co., Pope & Talbot, Mangrum & Otter Inc., W. P. Fuller & Co. to L. D. Allen & Lizzie M. Durbrow Windsor Terrace Bldg. Co. .....

May 19, 1923—E FIFTEENTH AVE 250.45 N Kirkham N 54xE 127-6 Uhl Bros to Lewis & Worswick Co. $86.31

May 21, 1923—N CALIFORNIA 192-6 W Hyde W 25xN 137-6. Hamilton & Costello to Pierre, Catherine and Claudine Lacoume .....

May 21, 1923—E STANYAN 25 N Rivoli N 25xE 100; NE Joost Ave & Gennessee N 50xE 100. Christensen Lumber Co to H L and Helen F Walkup $1240.66

May 21, 1923—E FORTY-EIGHTH Ave 250 S Taraval S 75xE 120. The Dorite Mfg. Co to Florence Dale or Mrs. Harvey Dale and Harry L Dale $264.80

May 22, 1923—N SACRAMENTO 80 W Montgomery W 20xN 65. Harvey Miller to N W Friedman and C M Cook .....

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

May 23, 1923—E TAYLOR 100 N Broadway. Celina and Joseph Labarbere as to improvements on property .....

BUILDING CONTRACT BOND

May 18, 1923—S McALLISTER 165 E Gough. I. Marks to C. Sartoris. Surcties. C. Bruschelra, S. I. Guerin. Bond $3240.

BUILDING CONTRACTS

ALAMEDA COUNTY

$1,0000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
2352	Fassett	Rose	6400
2353	Levinson	Lee	5900
2354	Zaine	Horner	2500
2355	Gintzee	Gow	4400
2356	Hanna	Makin	22000
2357	Behman	Owner	5500
2358	Haily	Ventre	21000
2359	Wanderer	Williford	3500
2360	Calif.	Henning	8000
2361	Woodburn	Owner	15000
2362	Bishop	Malmstrom	3000
2363	Carlson	Owner	6500
2364	De Groff	Thomas	1600
2365	Cowan	Hunter	4975
2366	Torchia	Brooks	6000
2367	Lesure	Owner	6000
2368	Carl	Owner	1000
2369	Weaver	Owner	9600
2370	Clarke	Muller	8500
2371	Follini	Owner	3600
2372	Flittner	Owner	3500
2373	Cahill	Davis	4000
2374	Fisher	Owner	18,000
2375	Saunders	Cox	7250
2376	Morgenson	Owner	4000
2377	Bray	Easterly	1040
2378	Jones	Bardwell	5000
2379	Leiss	Owen	1000
2380	P. G. & E.	Owner	2500
2381	Mortensen	Van Ness	2000
2382	Midgley	Palmer	85000
2383	Brown	Cords	3000
2384	Independent	Parker	14000
2385	Havre	Brasch	15200
2386	Masonic	Lawton	66100
2387	Masonic	Larson	57900
2388	S. P.	Hutchinson	——
2389	Hoy	Texdahl	11032
2390	Myers	Kopf	6298
2391	Brown	Henderson	4000
2392	Marquis	Owner	6000
2393	Chrodi	Kelty	3000
2394	Hammarberg	Owner	5000
2395	Connell	Bowers	1900
2396	Alameda	Owner	5500
2397	Ash	Kuleliar	1000
2398	Tuthill	Owner	1500
2399	Muther	Owner	4500
2400	Poncini	Marengo	4000
2401	Knobelock	Owner	1100
2402	Bright	Bokalrud	1225
2403	Hayes	Silva	2500
2404	Muir	Bishop	14000
2405	Kahn	MacDonald	275000
2406	Regents	Clinton	511740
2407	Anderson	Owner	5500
2408	Street	Nelson	7950
2409	Hodes	MacGregor	5585
2410	Malley	Malley	5200
2411	Malley	Owner	5200
2412	Nolin	Nolin	4000
2413	Schneider	Griffith	2000
2414	Clark	Broadway	1500
2415	Cantell	Anderson	3000
2416	Brown	Owner	6000
2417	McCaslin	Diggs	3000
2418	Davis	Owner	3850
2419	Munro	Mullen	35550
2420	Marquis	Owner	12000
2421	Cross	Burks	9000
2422	Felt	Owner	2500
2423	Westerlund	Westerlund	3000
2424	Stewart	Geary	9500
2425	Grangriest	Owner	2250
2426	Carhan	Anderson	4500
2427	Watson	Watson	12500
2428	Eyeselee	Owner	2000
2429	Gunnison	Owner	3000
2430	Neary	Peters	2850
2431	Sigwald	Owner	3500
2432	Allyn	Owner	5000
2433	Jackson	Lodge	3400
2434	Pine	Sydes	2500
2435	Hetzfield	Maasberg	3700
2436	Lassen	Pendersen	8000
2437	Andrews	Owner	3000
2438	Nichols	Owner	4000
2439	Smith	Lodge	3500
2440	Chapman	Owner	2700
2441	Smith	Kopf	6393
2442	Woodcock	Schmidt	4978
2443	Gustafsen	Clark	3000
2444	Benfer	Owner	3000
2445	Howard	Collins	1000
2446	Wilson	Stout	4575
2447	Howell	Wolbold	6500
2448	Fuchs	Hendrickson	4000
2449	Mutual	Hopper	15547
2450	Builders	Owner	3000
2451	Haglund	Lindquist	4350
2452	Kirchner	Stewart	3000
2453	Waage	Owner	3800
2454	Pastarino	Johnson	4500
2455	Healy	Oakland	3000
2456	Davis	Owner	1000
2457	Skaife	Bertelsen	1925
2458	Barthy	Owner	1500
2459	Stevenson	McMurtry	1000
2460	Peppin	Owner	19200
2461	Wicks	Johnston	8950
2462	Moody	Maurer	5000
2463	Mijoovich	Barlow	2600
2464	Atkins	Gossett	9500
2465	Petruit	Newbery	1471
2466	Robertson	Owner	6500
2467	Standard	Owner	3000
2468	Goranson	Owner	5000
2469	Hamilton	Owner	2000
2470	West Gate	Bodin	2000
2471	Busby	Owner	3000
2472	Squires	Squires	3200
2473	Moore	Mason	6000
2474	Robertson	Owner	4000
2475	Sherwood	Schmidt	3500
2476	Salzier	Buckland	2000
2477	Horn	Carrico	3000
2478	Vance	Wethy	5000
2479	Best	Petersen	6000
2480	Brown	Owner	3000
2481	Reeves	Owner	11000
2482	Rothrock	Owner	6000
2483	Riley	Knight	17000
2484	Cronin	Knight	12000
2485	Hebern	East Bay	3050
2486	Oakland	Turgficon	11000

DWELLING
(2352) 3214 BAYO VISTA AVE., Alameda. 1-story 6-room dwelling.
Owner—H. H. Fassett, 3240 Bayo Vista Ave., Alameda.
Architect—None.
Contractor—Mervin P. Rose, 940 Oxford St., Berkeley. $6400

DWELLING
(2353) 3237 THOMPSON AVE., Alameda, 1-story 6-room dwelling.
Owner—Chas. Levinson, 1705 Central Ave., Alameda.
Architect—None.
Contractor—Samuel Lee, 1801 Lafayette St., Alameda. $5900

ALTERATIONS
(2354) 1876 ENCINAL AVE., Alameda Alterations.
Owner—G. Zaine, premises
Architect—None.
Contractor—G. H. Horner, prem. $2500

DWELLING
(2355) 1584 BUENA VISTA AVE., Alameda. 2-story 7-room dwelling and garage.
Owner—M. Gintzel, 2317 27th Ave., Okd.
Architect—None.
Contractor—A. B. Gow, 5668 Ayala St., Oakland. $4400

PLASTERING
(2356) SAN ANTONIO & CHESTNUT Alameda. Plastering.
Owner—Archbishop Hanna.
Architect — J. A. Minton, Monadnock Bldg., San Francisco.
Contractor—Wm. Makin, 351 12th St., Oakland. $22,000

FLATS
(2357) 2811-16 CENTRAL AVE., Alameda. 2-story 8-room flats.
Owner—S. R. Behnman, 2818 Central Ave., Alameda.
Architect—None. $5500

DWELLINGS
(2358) S SANTA CLARA AVE. 75-110 E 3rd St.
N TAYLOR AVE. 286, 155, 195, 115 E Third St., Alameda. 6 1-story 5-room dwellings.
Owner—Halley & Co., 2315 Santa Clara Ave., Alameda.
Architect—None.
Contractor—Jas. Ventre, 1861 Elm St., Alameda. $3500 each

DWELLING
(2359) 1411 PAGE ST., Alameda. 1-sto. 5-room dwelling.
Owner—L. Wanderer, 1417 Page St., Alameda.
Architect—None.
Contractor — Howard Williford, 3265 Central Ave., Alameda. $3500

ALTERATIONS
(2360) ALCATRAZ & KING, Berkeley Alterations to school.
Owner—Calif. Conference of 7th Day Adventists, 537 25th St., Oakland.
Architect—None.
Contractor—K. J. Henning, Richmond. $8000

DWELLINGS
(2361) 1836, 1840, 1844, 1848, 1852, San Antonio, Berkeley. 5 1-story 5-room dwellings.
Owner—F. L. Woodburn, 3130 College Ave., Berkeley.
Architect—None. $3000 each

DWELLING
(2362) 1508 LA LOMA AVE., Berkeley. 2-story 5-room dwelling.
Owner—Tyndall Bishop.
Architect — Ernest Coxhead, Hearst Bldg., San Francisco.
Contractor—J. B. Malmstrom, 2326 27th Ave., Oakland. $3000

DWELLING
(2363) 1841 THOUSAND OAKS BLVD., Berkeley. 2-story 8-room dwelling.
Owner—Victor Carlson, 792 Nelson St., Berkeley.
Architect—None. $6500

DWELLING
(2364) 1118 OREGON, Berkeley. 1-sto. 4-room dwelling.
Owner—A. H. De Groff, 638 15th St., Oakland.
Architect—None.
Contractor—E. D. Thomas, 3141 West St., Oakland. $1600

DWELLING.
(2365) 1423 52ND AVE., Oakland. One-story 6-room dwelling.
Owner—Wm. Cowan, San Francisco.
Architect—None.
Contractor—L. A. Hunter, 1337 51st Ave., Oakland. Cost $4975

DWELLING.
(2366) 6500 WHITNEY ST., Oakland. One-story 6-room dwelling.
Owner—G. Torchia, 1607 Alcatraz Ave., Oakland.
Architect—None.
Contractor—Brooks & Parker, 2026 Del Norte St., Berkeley. Cost $6000

DWELLING.
(2367) 761 LERIDA ST., Oakland. Two-story 6-room dwelling.

Owner—E. T. Lesure, 169 Ronada Ave., Oakland.
Architect—None. Cost $6000

ALTER. & ADDITIONS.
(2368) 1921 8TH AVE., Oakland. Alterations and Additions.
Owner—C. F. Carl, Premises.
Architect—None. Cost $1000

DWELLINGS.
(2369) 4315 DIVISION ST. and 1546 Wellington St., Oakland. Two 1-story 6-room dwellings
Owner—P. B. Weaver, 2936 Schuyler St., Oakland.
Architect—None. Cost $4800 each

STORES.
(2370) W 23RD AVE., 70 N E-12th St., Oakland. One-story brick and tile stores.
Owner—Clarke Inv. Co., Syndicate Bldg., Oakland.
Architect—None.
Contractor—F. A. Muller, Syndicate Bldg., Oakland. Cost $8500

DWELLING.
(2371) 5455 MANILA Ave., Oakland. One-story 5-room dwelling.
Owner—Louise Follini, Premises.
Architect—None. Cost $3600

DWELLING.
(2372) 3945 BROOKDALE AVE., Oakland. One-story 5-room dwelling.
Owner—Jos. Flittner, 1700 35th Ave., Oakland.
Architect—None. Cost $3500

DWELLING.
(2373) 3306 E-16TH ST., Oakland. One-story 6-room dwelling.
Owner—James Cahill, 2436 E-20th St., Oakland.
Architect—None.
Contractor—S. B. Davis, 367 50th St., Oakland. Cost $4000

DWELLINGS.
(2374) 1137 - 1143 - 1147 LAKESIDE Ave., Oakland. Three 1-story 6-room dwellings.
Owner—H. P. Fisher, Syndicate Bldg., Oakland.
Architect—None. Cost $6000 each

DWELLING.
(2375) W HUBERT RD., 250 S Sunnyhill Rd., Oakland. 2-story 8-room dwelling.
Owner—Mrs. N. E. Saunders, 2927 Pine Ave., Berkeley.
Architect—None.
Contractor—Cox Bros., 2212 Broadway, Oakland. Cost $7250

DWELLING.
(2376) 5323 SHAFTER AVE., Oakland. One-story 5-room dwelling.
Owner—Morgenson Bros., 5664 Broadway, Oakland.
Architect—None. Cost $4000

FIRE REPAIRS.
(2377) 1506 29TH AVE., Oakland. Fire repairs.
Owner—Bray, Premises.
Architect—None.
Contractor—John Easterly, 4050 Fruitvale Ave., Oakland. Cost $1040

DWELLING.
(2378) 714 LERIDA AVE., Oakland. One-story 5-room dwelling.
Owner—Ray W. Jones, 415 Hill Lane, Oakland.
Architect—None.
Contractor—Chas E. Bardwell, Jr., 2503 10th Ave., Oakland. Cost $5000

BRICK GARAGE.
(2379) N 26TH ST., 190 W Grove St., Oakland. One-story brick garage.
Owner—Geo. W. Leiss, 13th and Webster Sts., Oakland.
Architect—None.
Contractor—W. K. Owen & Co., 852 36th St., Oakland Cost $1000

ELECTRIC STATION.
(2380) S HOBART ST., 675 W. Telegraph, Oakland. One-story brick electric station.
Owner—P. G. & E. Co., 445 Sutter St., San Francisco.
Architect—None Cost $2500

CARPET CLEAN. WORKS.
(2381) 3104 FILBERT ST., Oakland. One-story carpet cleaning works.
Owner—R. Mortensen, 2532 Hopkins St., Oakland
Architect—None.
Contractor—L. E. Van Ness, 2536 Hopkins St., Oakland. Cost $2000

BUNGALOW
(2007) W TWENTY-FOURTH AVE. 210 S Cabrillo S 25 x 120. All work for 1-story frame bungalow.
Owner—H. O. Lindeman, 619 27th Ave., San Francisco.
Architect—None.
Contractor—W. R. Lindeman, 530 Balboa St., San Francisco.
Filed May 16, 1923. Dated April 28, 1923.
Frame up & enclosed.....$1450
Rough plastered 1450
Completed and accepted 1450
Usual 35 days 1450
TOTAL COST, $5800
Bond, Sureties, none; Forfeit, $3; limit, 90 days; Plans and specifications filed.

BUNGALOW
(2088) W TWENTY-FOURTH AVE. 185 S Cabrillo S 25 x 120. All work for 1-story frame bungalow.
Owner—H. O. Lindeman, 619 27th Ave., San Francisco.
Architect—None.
Contractor—W. R. Lindeman, 530 Balboa St., San Francisco.
Filed May 17, 1923. Dated April 19, 1923.
Frame up & enclosed $1325
Rough plastered 1325
Completed and accepted 1325
Usual 35 days 1325
TOTAL COST, $5300
Bond, Sureties, none; Forfeit, $3 day; Limit, 90 days; Plans and specifications filed.

STORES AND OFFICES.
(2382) N 15TH ST., 50 W Washington St., Oakland. Two-story conc. stores and offices.
Owner—Midgley Co., American Theatre, Oakland.
Architect—N. C. Lowe, Monadnock Bldg., San Francisco.
Contractor—P. A. Palmer, 782 Monadnock Bldg., San Francisco. Cost $85,000

DWELLING.
(2383) 3601 ARDLEY ST., Oakland. One-story 5-room dwelling.
Owner—Chas. F. Brown, 1707 Broadway, Oakland.
Architect—None.
Contractor—Alfred Cords, Premises. Cost $3000

RECEIVING SHED.
(2384) E PERALTA ST., opp. 20th St., Oakland. One-story receiving shed.
Owner—Independent Paper Co., Premises.
Architect—None.
Contractor—K. E. Parker Co., 519 California St., San Francisco. Cost $14,000

DWELLING.
(2385) LOT 3 WILDWOOD ACRES, Piedmont. Two-story and basement frame dwelling.
Owner—Harold J. Havre, 276 Adams St., Oakland.
Architect—Benj. G. McDougall, 381 Bush St., San Francisco.
Contractor—M. P. Brasch, 2734 Ashbury St., Oakland.
Filed May 17, 1923. Dated, May 14, 1923
Plumbing & elec. roughed in.....¼
Plastered .....¼
Completed and accepted .....¼
Usual 35 days .....¼
TOTAL COST $15,200
Bond, $10,000; Sureties, Chas. Rodolph; Forfeit, $10 day; Limit, 120 days. Plans and Specifications filed.

ALTERATIONS & ADDITIONS.
(2386) PORT PLOTS 10, 12, 14, 16, Map Rancho Arroyo de la Alameda. Alt. and add. to present buildings, excavating, conc., composition floors, dampproofing, iron work, roofing, sheet metal fire doors, carpenter, rough hardware, millwork, maple floors, dumb waiters, screens, lath and plaster, cement, glass, glazing.
Owner—Masonic Homes of California.
Architect—Wm. Mooser, Nevada Bank Bldg., San Francisco.
Contractor—Lawton & Vezey, Call Bldg., San Francisco.
Filed May 16, 1923. Dated, May 14, 1923.
1st and 15th ea. mo.....75%
Usual 35days after completed and accepted 25%
TOTAL COST $66,100
Bond, $33,100; Sureties, U. S. Fidelity & Guaranty Co.; Forfeit, $20 day; Limit, 150 days; Specifications and plans filed.

(2387) BRICK, TERRA COTTA AND Structural Steel On Above.
Contractor—Harold N. Larson, Monadnock Bldg., San Francisco.
Filed May 16, 1923; Dated, May 14, 1923.
Payments same as above.
TOTAL COST $57,900
Bond, $29,000; Sureties, C. G. Berg & Niels Larsen; Forfeit, $20 day; Limit, 150 days.
Specifications and plans filed.

REPAIRS TO PAVEMENT.
(2388) OAKLAND, BERKELEY, ALAMEDA, Albany, Emeryville, San Leandro. Repairs to pavement.
Owner—S. P. Co., Oakland.
Architect—None.
Contractor—Hutchinson Co., Hutchinson Bldg., Oakland.
4" asphaltic pavement, 26c per sq. ft.
2" asphaltic pavement, 15c per sq. ft.
3" asphaltic pavement, 20c per sq. ft.
TOTAL COST
Filed May 16, 1923; Dated May 1, 1923. Bond, $5000; Sureties, Globe Indemnity Co.; Forfeit, none; Limit, 30 days.
Plans and specifications, none.

STORES AND LOFTS BLDG.
(2389) E SAN PABLO AVE., 40-6 N Addison St., 30.12x106.31, Berkeley. One-story reinf. conc. stores and loft bldg.
Owner—S. B. Hoy, 1006 University Ave., Berkeley.
Architect—George Rushforth, 2321 Blake St., Berkeley.
Contractor—C. Texdahl, 5375 Belgrave Place, Oakland.
Filed, May 17, 1923; Dater May 15, 1923.
Conc. formed $2000
Roof sheathed $2000
Interior plastered $2000
Completed and accepted $2274
Usual 35 days $2758
TOTAL COST $11,032
Bonds, none; Sureties, none; Forfeit, none.
Plans and specifications filed.

DWELLING.
(2390) LOT 17, SUNNYHILL ROAD, adjoining Crockers Highlands, Oakland. 1½-story 6-room dwelling.
Owner—Romaine W. Meyers, Bacon Bldg., Oakland.
Architect—None.
Contractor—Ben F. Kopf, 845 Pacific Ave., Alameda.
Filed May 17, 1923; Dated May 15, 1923.
Frame up .....¼
Brown coated .....¼
Completed and accepted .....¼
Usual 35 days .....¼
TOTAL COST $6298
Bonds, none, Sureties, none; Forfeit, none; Limit, 120 days. Plans and specifications filed.

DWELLING
(2391) 2468 MARTINEZ, Berkeley. 1-story 5-room dwelling.
Owner—R. O. Brown.
Architect—None.
Contractor — E. F. Henderson, 5744 Keith Ave., Oakland. $4000

DWELLINGS
(2392) 1410 & 1412 EDITH ST., Berkeley. 2 1-story 5-room dwellings.
Owner—P. E. Marquis, 2045 Shattuck Ave., Berkeley.
Architect—None. $3000 each

DWELLING
(2393) 1440 PARKER ST., Berkeley. 1-story 5-room dwelling.
Owner—Dommeck Chrodl, 1227 Bancroft Way, Berkeley.
Architect—None.
Contractor—J. T. Kelty, 974 63rd St., Berkeley. $3000

DWELLING
(2394) 1812 THOUSAND OAKS BLVD., Berkeley. 1-story 6-room dwlg.
Owner—Albert Hammarberg, 743 Alcatraz, Berkeley.
Architect—None. $5000

ADDITION
(2395) 1102 E-THIRTY-THIRD ST., Oakland. Addition.
Owner—J. A. Connell, premises.
Architect—None.
Contractor—F. P. Bowers & Son, 1811 Addison St., Berkeley. $1900

DWELLINGS
(2396) 3048 & 3054 MADELINE ST., Oakland. 2 1-story 5-room dwlgs.
Owner — Alameda Inv. Co., Syndicate Bldg., Oakland.
Architect—None. $2750 ea

ALTERATION
(2397) SE COR. ELEVENTH & BDWY Oakland. Alterations.
Owner—Ash & Bercovich.
Architect—None.
Contractor—S. Kulchar & Co., 8th Ave. and 10th St., Oakland. $1000

DWELLING
(2398) 4026 E-FIFTEENTH ST., Oakland. 1-story 3-room dwelling.
Owner—E. R. Tuthill, 1415 41st Ave., Oakland.
Architect—None. $1500

DWELLING
(2399) 1050 LAKESHORE AVE., Oakland. 1-story 7-room dwelling.
Owner — G. W. Muther, 347 41st St., Oakland.
Architect—None. $4500

DWELLING
(2400) 465 FORTY-NINTH ST., Oakland. 1-story 6-room dwelling.
Owner — B. Poncini.
Architect—None.
Contractor—Joe Marengo, 594 45th St., Oakland. $4000

ALTER. & ADDITION
(2401) 2763 THIRTY-FIFTH AVE., Oakland. Alteration and additions.
Owner—W. C. Knobelock, premises.
Architect—None. $1100

ADDITION
(2402) 2415 ONE HUNDRED NINTH Ave., Oakland. Addition.
Owner—Miss A. S. Bright, premises.
Architect—None.
Contractor—Chris. Bokalrud, 1343 51st Ave., Oakland. $1225

DWELLING
(2403) 1781 PLEASANT VALLEY AVE Oakland. 1-story 4-room dwelling.
Owner—Maurice P. Hayes, 133 Callen Ave., San Leandro.
Architect—None.
Contractor—John C. Silva, 2908 Market St., Oakland. $2500

FLATS & GARAGE
(2404) 4163-65-67-69 EMERALD ST., Oakland. 2-story 16-room flats and garage.
Owner—J. B. Muir, 5430 Thomas St., Oakland.
Architect—None.
Contractor—J. B. Bishop, 811 Adams St., Albany. $14,000

STORE BLDG.
(2405) SW COR. SIXTEENTH AND Broadway, Oakland. 6-story conc. store building.
Owner—Kahn Bros., Inc.
Architect—E. W. Cannon, Cent. Bank Bldg., Oakland.
Contractor—MacDonald & Kahn, Tapscott Bldg., Oakland. $275,000

STADIUM
(2406) U C GROUNDS, Berkeley. Stadium.
Owner—Regents of U. C.
Architect—John Galen Howard, Edw. E. Carpenter, George F. Buckingham, First Natl. Bank Bldg., S. F.
Contractor—Clinton Const. Co., 923 Folsom St., San Francisco.
Filed May 18, 1923. Dated May 15, 1923.
10th day each month 75%
Usual 35 days after 25%
TOTAL COST, $511,740
Bond, $256,000; Sureties, Globe Indemnity Co.; Forfeit, 250 days; Limit, 150 days; Plans and specifications filed.

DWELLING
(2407) NO. 1102 GRAND AVE., Piedmonth. One-story 5-room dwelling and garage.
Owner—O. P. Anderson
Architect—None. $5500

DWELLING
(2408) NO. 116 YORK DRIVE, Piedmont. One-story 7-room dwelling
Owner—F. W. Street, 805 Lake Shore Ave., Oakland.
Architect—None.
Contractor—O. E. Nelson, 2634 Highland Ave., Oakland. $7500

DWELLING
(2409) NO. 210 SAN CARLOS AVE., Piedmont. One-story 6-room dwelling and garage.
Owner—H. A. Hodes, 1319 Lincoln St., Alameda.
Architect—None.
Contractor—C. MacGregor, 470 13th St., Oakland. $5585

DWELLING
(2410) NO. 227 PARK VIEW AVE., Piedmont. One-story 6-room dwelling and garage.
Owner—F. T. Malley, 900 Lake Shore Ave., Piedmont.
Architect—None. $5200

DWELLING
(2411) NO. 223 PARK VIEW AVE., Piedmont. One-story 6-room dwelling and garage.
Owner—F. T. Malley, 900 Lake Shore Ave., Piedmont.
Architect—None. $5200

DWELLING
(2412) 1675 EIGHTY-SEVENTH AVE., Oakland. 1-story 5-room dwelling.
Owner—P. Pann, 97th Ave., Oakland.
Architect—None.
Contractor—R. Norlin, 2016 89th Ave., Oakland. $4000

DWELLING
(2413) 2016 FORTY-EIGHTH AVE., Oakland. 1-story 4-room dwelling.
Owner—F. W. J. Schneider, premises.
Architect—None.
Contractor—Griffith & Nickerson, 1323 96th Ave., Oakland. $2000

ALTERATION
(2414) 3208 FOOTHILL BLVD., Oakland. Alterations.
Owner—W. CLark.
Architect—None.
Contractor—W. Broadway, 605 Walavista Ave., Oakland. $1500

DWELLING
(2415) 3221 DELAWARE ST., Oakland 1-story 5-room dwelling.
Architect—None.
Contractor—A. Anderson, 3027 Florida St., Oakland. $3000

DWELLINGS
(2416) 1356 & 1362 HOPKINS ST. Oakland. 2 1-story 5-room dwellings.
Owner—Brown & Stenbro, 1707 Broadway, Oakland.
Architect—None. $3000 ea.

ADDITION
(2417) W BROADWAY 40 N 23rd St., Oakland. 1-story brick and tile addition.
Owner—John McCaslin, 23rd & Broadway, Oakland.
Architect—None.
Contractor—M. I. Diggs, East Bay Market, Oakland. $3000

DWELLING
(2418) 3222 DAVIS ST., Oakland. 1-story 6-room dwelling.
Owner—Geo. B. Davis, 3283 Hyde St., Oakland.
Architect—None. $3850

LOFT BLDG.
(2419) N NINETEENTH ST. 509 W Telegraph Ave., N 175-10½ Oakland, 3-story class C loft bldg.
Owner—Maude A. Munro, Oakland.
Architect—A. W. Smith, 1010 Broadway, Oakland.
Contractor—Mullen & La Voie, 265 9th St., Oakland.
Filed May 18, 1923. Dated May 17, 1923.
Walls ready for 2nd floor
oists $6637.50
3rd floor walls built 6637.50
Brown coated 6637.50
Completed and accepted.... 6637.50
Usual 35 days 9000
TOTAL COST, $35,550
Bonds, Sureties, none; Forfeit, $20.00 day; Limit, 90 days; Plans and specifications filed.

DWELLING
(2420) NO. 1116-20-22-26 EDITH ST., Berkeley. Four one-story 5-room dwelling.
Owner—P. E. Marquis, 2045 Shattuck Ave., Berkeley.
Architect—None $3000 each

DWELLINGS
(2421) NO. 2771-75-79 SAN PABLO Ave., Berkeley. Three one-story 5-room dwellings.
Owner—R. H. Cross.
Architect—None.
Contractor—C. E. Burks, 4129 Randolph Ave., Oakland. $3000 each

DWELLING
(2422) NO. 1728 CHANNING WAY, Berkeley. One-story 5-room dwlg
Owner—R. D. Felt, Premises.
Architect—None. $2500

DWELLING
(2423) NO. 1728 TENTH ST., Berkeley. One-story 5-room dwelling.
Owner—Mrs. H. Westerlund, 1730 10th St., Berkeley.
Architect—None.
Contractor — Hugo Westerlund, 1730 10th St., Berkeley. $3000

DWELLING
(2424) NO. 726 ARLINGTON ST., Berkeley. Two-story 7-room dwlg.
Owner—C. D. Stewart, 1174 Oxford St., Berkeley.
Architect—None.
Contractor—L. G. Geary, 524-58 St., Oakland. $9500

DWELLING
(2425) NO. 1532 WOOLSEY ST., Berkeley. One-story 4-room dwelling.
Owner—E. Grangriest, 1436 61st St., Berkeley.
Architect—None. $2250

DWELLING
(2426) NO. 927 ENSENADA ST., Berkeley. One-story 5-room dwlg.
Owner—Fred Carhan, 1176 Church St.,
Contractor—Anderson & Anderson, 1010 Santa Fe Ave., Berkeley. $4500

FLATS.
(2427) S 41st ST., 240 W Broadway, Oakland. Two-story 16-room flats.
Owner—Anastasia Watson, 339 41st St., Oakland.
Architect—None.
Contractor—T. Watson, Oakland. $12,500

ADDITION.
(2428) W SHAFTER AVE., 65 N 48th St., Oakland. Addition.
Owner—A. Eyeselee, 414 48th St., Oakland.
Architect—None. $2000

DWELLING.
(2429) 1612 51ST AVE., Oakland. One-story 5-room dwelling.
Owner—E. A. Gunnerson, 4015 E-16th St., Oakland.
Architect—None. $3000

DWELLING.
(2430) 2716 35TH AVE., Oakland. One-story 5-room dwelling.
Owner W. F. Neary, 536 17th St., Oakland.
Architect—None.
Contractor—L. A. Peters, 3485 Davis St., Oakland. $2850

DWELLING.
(2431) 2420 38TH AVE., Oakland. One-story 5-room dwelling.
Owner—J. W. Sigwald, 3927 Agua Vista, Oakland.
Architect—None. $3500

DWELLING.
(2432) S WELLINGTON AVE., 229 E 12th Ave., Oakland. One-story 6-room dwelling.
Owner—B. C. Allyn, Jr., 316 Lenox Ave., Oakland.
Architect—None. $5000

DWELLING.
(2433) E BROOKDALE AVE., 106 W 55th Ave., Oakland. One-story 5-room dwelling.
Owner—Genevieve Jackson, Oakland
Architect—None.
Contractor—C. F. Lodge, 6494 Bond St., Oakland. $3400

DWELLING.
(2434) 3022 E-22ND ST., Oakland. 1-story 4-room dwelling.
Owner—Mrs. Jennie Pine, Oakland.
Architect—None.
Contractor—E. C. Lydes, 1700 48th Ave., Oakland. $2500

DWELLING.
(2435) 1243 BATES RD., Oakland 1-story 5-room dwelling.
Owner—Alma Hetzfield, Oaklaand.
Architect—None.
Contractor—E. Maasberg, 1420 Wellington Ave., Oakland. $3700

DWELLINGS.
(2436) 5124 and 5128 MILES AVE., Oakland. Two 1-story 5-room dwelling.
Owner—G. Lassen, Dove St., Oakland.
Architect—None.
Contractor—Jensen & Pederson, 3143 Adeline St., Oakland. $4000 each

DWELLING.
(2437) 2165 HIGH ST., Oakland. One-story 5-room dwelling
Owner—F. A. Andrews, Federal Bldg., Oakland.
Architect—None. $3000

DWELLING.
(2438) 1518 HAMPEL ST., Oakland. One-story 6-room dwelling.
Owner—C. S. Nichols, 2048 5th Ave., Oakland.
Architect—None. $4000

DWELLING.
(2439) 4809 WALNUT AVE., Oakland. One-story 5-room dwelling.
Owner—H. P. Smith, 546 E-10th St., Oakland.
Architect—None.
Contractor—C. F. Lodge, 5459 Bond St., Oakland. $3500

ALTERATIONS.
(2440) 542-4-6 23RD ST., Oakland. Alterations.
Owner—M. C. Chapman, 57 Santa Clara Ave., Oakland.
Architect—None. $2700

DWELLING.
(2441) 681 JEAN ST., Oakland. One-story 5-room dwelling.
Owner—Louis Smith, Oakland.
Architect—None.
Contractor—Ben F. Ropf, 845 Pacific Ave., Alameda. $6393

DWELLING.
(2442) 867 WALLA VISTA, Oakland. 1-story 5-room dwelling.
Owner—F. J. Woodcock, Oakland.
Architect—None.
Contractor—B. H. Schmidt, 2237 E-19th St., Oakland. $4978

DWELLING.
(2443) 3900 AUGA VISTA AVE., Oakland. One-story 5-room dwelling.
Owner—John E. Gustafsen, 3311 Abbey St., Oakland
Architect—None
Contractor—O. R. Clark, 2009 Harrington Ave., Oakland. $3000

DWELLING.
(2444) N REDDING ST., 80 W Maybelle Ave. Oakland. One-story 5-room dwelling.
Owner—Myron Beufer 1805 Alice St., Oakland.
Architect—None $3000

ALTERATIONS.
(2445) 487 29TH ST., Oakland. Alterations.
Owner—L. B. Howard, 150 Lake St., Oaklaand.
Architect—None.
Contractor—E. K. Collins, 740 Walker Ave., Oakland. $1000

(2446) 34 FT. LOT 20 & 8 IN. LOT 21 Blk P Central Piedmont Tract, Piedmont. All work for 1-story 5-room dwelling and garage.
Owner—Helen J. Wilson.
Architect—None.
Contractor—C. T. Stout, 443 Moss Ave., Berkeley.
Filed May 21, 1923. Dated May 12, 1923.
Studding in place .....¼
Brown coated .....¼
Completed and accepted .....¼
Usual 35 days .....¼
TOTAL COST, $1575
Bond, Sureties, none, Forfeit, $10 day; Limit, 90 days, Plans and specifications filed.

DWELLING
(2447) NO. 1123 SHATTUCK AVE., Berkeley. Two-story 6-room dwlg.
Owner—J. W. Howell, Rose & Bonita Sts. Berkeley
Architect—None
Contractor—J. Henry Wolbold, 2115 Center St. Berkeley. $6500

DWELLING
(2448) NO. 2122 CALIFORNIA ST., Berkeley. One-story 5-room dwlg.
Owner—M. Fuchs, 2126 California St., Berkeley.
Architect—None.
Contractor—A. Hendrickson, 6458 Raymond St., Oakland. $4000

WAREHOUSE.
(2449) 419 E-11TH ST., Oakland. One-story brick warehouse.
Owner—Mutual Creamery Co., 3724 E. 14th St., Oakland.
Architect—A. W. Smith, 1010 Broadway Oakland.
Contractor—M. E. Hopper & Son, 1117 Webster St., Oakland. $15,517

DWELLING.
(2450) 2862 FRUITVALE AVE., Oakland. One-story 5-room dwelling.
Owner—Builders & Owners Inv. Co., 3940 E. 14th St., Oakland.
Architect—None. $3000

DWELLING.
(2451) 3552 WILSON AVE., Oakland. One-story 5-room dwelling.
Owner—H. G. Haglund, Oakland.
Architect—None.
Contractor—Emil Lindquist, 1358 E. 28th St., Oakland. $4350

ADDITION.
(2452) 2122 E. 23RD ST., Oakland. Addition.
Owner—Rev. Gustave E. Kirchner, Premises.
Architect—None.
Contractor—S. L. Stewart, 831 16th St., Oakland. $3000

DWELLING.
(2453) 3470 WILSON ST., Oakland. One-story 5-room dwelling.
Owner—O. Waage, 3325 E. 8th St., Oakland.
Architect—None. $3800

DWELLING.
(2454) 1232 ADELINE ST., Oakland. One-story 8-room dwelling.
Owner—M. Pastarino, 930 Kirkham St., Oakland.
Architect—None.
Contractor—H. E. Johnson, San Leandro. $4500

DWELLING.
(2455) SW. COR. 9TH AVE. and E. 22nd St., Oakland. One-story 5-room dwelling
Owner—P. J. Healy 39 Nace Ave., Piedmont.
Architect—None. $3000

KITCHEN.
(2456) N FOOTHILL BLVD., 80 E. Mars, Oakland. One-story kitchen.
Owner—S. A. Davis, 2831 Mars Street, Oakland.
Architect—None. $1000

ADDITION.
(2457) 755 LAKESHORE AVE., Oakland. Addition.
Owner—C. S. Skaife, Premises.
Architect—None.
Contractor—S. J. Bertelsen, 30 Estrella Ave., Piedmont. $1925

DWELLING.
(2458) E. MOUNTAIN VIEW AVE., 131 N. Leona Ave., Oakland. One-story 3-room dwelling.
Owner—B. S. Barthy, 2545 San Pablo Ave., Oakland.
Architect—None. $1500

DWELLING.
(2459) 3633 LOMA VISTA AVE., Oakland. One-story 3-room dwelling.
Owner—G. Stevenson, Premises.
Architect—None.
Contractor—Grant McMurtry, 4033 Lincoln Ave., Oakland. $1000

DWELLINGS.
(2460) 2715, 2721, 2733, 2927 Maxwell Ave., Oakland. Four 1-story 6-room dwellings.
Owner—J. B. Peppin, 851 Trestle Glen Road, Oakland.
Architect—None. $4800 each

FLATS & ALTERATIONS
(2461) 579 27TH ST., Oakland. Two-story brick flats and alterations.
Owner—H. Wicks, Premises.
Architect—None.
Contractor—A. R. Johnston, 1518 4th Ave., Oakland. $8950

ALTERATIONS AND ADDITION.
(2462) 5185 BROADWAY, Oakland. Alterations and addition.
Owner—W. B. Moody, Premises.
Architect—None.
Contractor—The Geo. J. Maurer Co., 177 Ridgeway, Oakland. $5000

DWELLING.
(2463) E. 39TH AVE., 160 N. Hopkins, Oakland. One-story 5-room dwelling.
Owner—Bragoje Mijoovich, 525 18th St., Oakland.
Architect—None.
Contractor—H. E. Barlow, 842 37th St., Oakland. $2600

DWELLING
(2464) LOT 4 BLK 14 OAKRIDGE, Claremont, Berkeley. 2-story frame dwelling.
Owner—George E. Atkins, 2515 Piedmont Ave., Berkeley.
Architect—Edgar A. Mathews and Horace G. Simpson, Call Bldg., S. F.
Contractor—Chester A. Gossett, 327 Davis Ct., San Leandro.
Filed May 22, 1923. Dated May 19, 1923.
Frame up .....¼
Plastered .....¼
Completed and accepted .....¼
Usual 35 days .....¼
TOTAL COST, $9500
Bond, Sureties, Forfeit, None; Limit, 90 days; Plans and specifications filed.

ELECTRIC WORK
(2465) SW COR. SIXTY-FOURTH & Doyle Sts. W 250 S 107 Emeryville. Electric work for factory.
Owner—Detroit Steel Products Co., 251 Kearny St., San Francisco.
Architect — Washington J. Miller, 417 Market St., San Francisco.
Contractor—F. E. Newberry Elec. Co., 417 Webster St., Oakland.
Filed May 22, 1923. Dated May 15, 1923.
May 25 .....75%
10th day each month 75%
36 days after 25%
TOTAL COST, $1471
Bond, $1471; Sureties, U. S. Fidelity & Guaranty Co.; Forfeit, $50 day; Limit, June 1; Plans and specifications filed.

DWELLING
(2466) NO. 1207 ST. CHARLES ST., Alameda. Two-story 7-room dwlg.
Owner—James Robertson, 1514 Benton St., Alameda.
Architect—None. $6500

WAREHOUSE
(2467) WEBSTER ST. W Estuary, Alameda. Warehouse.
Owner—Standard Coal Co.
Architect—None. $3000

DWELLING
(2468) NO. 811 CONTRA COSTA AVE., Berkeley. One-story 6-room dwlg.
Owner—H. Goranson, 3476 Laguna Av., Oakland.
Architect—None. $5000

STORE
(2469) NO. 1585 SOLANO, Berkeley. One-story brick store.
Owner—M. F. Hamilton, 825 Santa Fe Ave., Berkeley.
Architect—None. $2000

STORES, ETC.
(2470) NO. 1660 UNIVERSITY AVE., Berkeley. Two-story stores and lodge rooms.
Owner—West Gate Masonic Assn., 1708 Stuart St. Berkeley.
Architect—None.
Contractor—W. Bodin, 1391 12th St., Oakland. $2000

GARAGE
(2471) NO. 1659 SAN PABLO AVE., Berkeley. Garage.
Owner—Ralph B. Rusby, 2237-A Roosevelt Ave., Berkeley.
Architect—E. R. Knox, 782 65th St., Oakland. $3000

DWELLING
(2472) NO. 1910 HOPKINS, Berkeley. Two-story 6-room dwelling.
Owner—W. E. Squires, Home & Hearst Aves., Berkeley.
Architect—None.
Contractor—E. J. Squires, 2406 Cedar St., Berkeley. $3200

DWELLING
(2473) NO. 825 THE ALAMEDA, Berkeley. Two-story 6-room dwlg.
Owner—Thos. W. Moore.

Architect—None.
Contractor—Mason McDuffie Co., Shattuck Ave. & Addison St., Berkeley. $6000

DWELLING
(2474) NO. 796 MIRAMAR, Berkeley. One-story 6-room dwelling.
Owner—S. Robertson, 1539 Adeline St., Oakland.
Architect—None. $4000

ADDITION.
(2475) 6048 ROCKRIDGE BLVD., Oakland. Addition.
Owner—H. H. Sherwood, Premises.
Architect—None.
Contractor—B. H. Schmidt, 2237 E. 19th St., Oakland. $3500

DWELLING.
(2476) 3164 BONA ST., Oakland One-story 5-room dwelling.
Owner—H. V. Salzeir, Oakland.
Architect—None.
Contractor—N. J. Buckland, 1801 89th Ave., Oakland. $2000

DWELLING.
(2477) W 38TH AVE., 200 N. San Juan, Oakland. One-story 5-room dwelling.
Owner—Mrs. Chas. Horn, 2001 38th Ave,. Oakland.
Architect—None.
Contractor—B. Carrico, 1460 78th Ave., Oakland. $3000

STORE.
(2478) S. BOND ST., 130 W. Fairfax, Oakland. One-story stores.
Owner—J. W. Vance, Oakland.
Architect—None.
Contractor—McWethy & Greenleaf, 505 17th St., Oakland. $5000

FOUNDRY.
(2479) FT. 105TH AVE. One-story foundry.
Owner—Best Steel Casting Co. Oakland.
Architect—None.
Contractor—Geo. Petersen, San Leandro. $6000

DWELLING.
(2480) 1042 107TH AVE., Oakland. 1-story 5-room dwelling.
Owner—F. H. Brown, 1453 35th Ave., Oakland.
Architect—None. $3000

DWELLINGS.
(2481) 4021, 4027, 4033, 4018, 4032 Carrington, Oakland. Five 1-story 5-room dwellings.
Owner—R. E. Reeves, 1505 37th Ave., Oakland.
Architect—None. $2200 each

ALTERATIONS.
(2482) 5924-30 TELEGRAPH AVE., Oakland. Alterations.
Owner—P. O. Rothrock, 146 Lake St., Oakland.
Architect—None. $6000

FLATS AND GARAGES.
(2483) E. GILBERT ST., 60 N Ridgeway, 60x120, Oakland. Two-story 17-room flats and 4 garages.
Owner—M. E. & M. C. Riley, 388 12th St., Oakland.
Architect—W. A. Doctor, 410 15th St., Oakland.
Contractor—Harry C. Knight, 388 12th St., Oakland.
Filed May 23, 1923. Dated May 9, 1923
Roof on $4250
Brown coated $4250
Completed and accepted $5500
Usual 35 days $3000
TOTAL COST $17,000
Bond, none. Sureties, none. Forfeit, none. Limit, 75 days after mudsills are laid. Plans and specifications filed.

FLATS & GARAGES.
(2484) N. 40TH ST., 568 W. Webster St., Oakland. Two-story 12-room flats and two garages.
Owner—Jane R. Cronin, 388 12th St., Oakland.
Architect—None.
Contractor—Harry C. Knight, 388 12th St., Oakland.
Filed, May 23, 1923. Dated, May 26, 1923
Roof rafters on ..... ¼
Brown coated ..... ¼
Completed and accepted ..... ¼
Usual 35 days ..... ¼
TOTAL COST $12,000
Bond, none; Sureties, none; Forfeit, none; Limit, 75 days after mudsills are laid. Plans and specifications filed.

FACTORY.
(2485) LOTS 14 TO 23, incl., Blk. 86, Complete Map of Oakland by Julius Kellersberger. Oakland. Sheet metal for 3-story and basement office and factory bldg.
Owner—Hebern Electric Code, Inc., Bank of Italy Bldg., Oakland.
Architect—None.
Contractor—East Bay Sheet Metal Works, 223 Broadway, Oakland.
Filed, May 23, 1923; Dated, May 10, 1923
10th day of each month..... 75%
Usual 35 days after 25%
TOTAL COST $3050
Bond, $1525; Sureties, Union Indemnity Co.; Forfeit, none; Limit, June 15. Plans and specifications filed.

PAINTING.
(2486) E. BROADWAY, 55 N. 12th St., N. 45, E. 100, Oakland. Painting for 17-story class A bank and office building.
Owner—The Oakland Bank.
Architect—Reed & Corlett, Oakland Bank of Savings.
Contractor—J. A. Turgeon, 2031 Broadway, Oakland.
Filed May 23, 1923. Dater April 29, 1923
10th day of each month..... 75%
Usual 35 days after Completion. 25%
TOTAL COST $11,000
Bond, $5500. Sureties, Fidelity & Deposit Co.; Forfeit, none; Limit, 6 mos. Plans anad specifications filed.

LOFT BUILDING.
N NINETEENTH ST., 509 W. Telegraph Ave., Oakland. Three-story brick and concrete loft bldg.
Owner—Maud Monroe, 10th and Clay Sts., Oakland.
Architect—A. W. Smith, 1010 Broadway, Oakland.
Contractor—Mullen & La Voie, 265 9th St., Oakland. $35,500

COMPLETION NOTICES

ALAMEDA COUNTY.

Recorded. Accepted
May 16, 1923—NW NINTH AVE 366.54 SW Silver St. SW 40 NW 100, Oakland. Clarence K. Nichols to whom it may concern.....May 15, 1923
May 16, 1923—NW NINTH AVE 206.54 SW Silver St. SW 40 N W100, Oakland. Clarence K. Nichols to whom it may concern .....May 15, 1923
May 16, 1923—NW NINTH AVE 286.54 SW Silver St SW 40 NW 100, Oakland. Clarence K. Nichols to whom it may concern .....May 15, 1923
May 16, 1923—NW 96 AVE & NE Cherry St NW 141 NE 100 SE 41 SW 35 SE 100 65 Oakland. J. D. Gibbs to J. Lindquist ...May 7, 1923
May 16, 1923—SE RANSOM AVE 175 NE Carrington St NE 35 SE 110 Oakland. Thomas J. Bartlett to whom it may concern....May 13, 1923
May 16, 1923—1550 79 AVE, OAKland. Wm. H. Sims to whom it may concern.....May 15, 1923
May 16, 1923—LOT 16 BLK 11 OAKridge, Berkeley. E. L. Osborn to C. A. Tornell & Son.....May 16, 1923
May 16, 1923—NE E-18 ST & SE Park Blvd., SE 100 NE 100, Oakland. D. P. Kalitsas to George A. Williams .....May 10, 1923
May 16, 1923—LOT 23 MAPLE HTS. Tract, Oakland. Arthur E. Clark to Alder & Clark .....May 15, 1923

PIERCE-BOSQUIT
Abstract & Title Co.
Capital Stock $100,000
Sacramento, Placerville, Nevada City, Reno
SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

May 16, 1923—N 48 LOT 20 BLK 3 Boulevard Park Tract, Oakland. W. F. Lloyd to whom it may concern .....May 15, 1923
May 16, 1923—LOT 22 MAPLE HTS. Tract, Oakland. Arthur E. Clark to whom it may concern....May 15, 1923
May 17, 1923—LOT 9 BLK B MAY Foothill Park, Oakland. Wm. S. Kepple to whom it may concern .....May 17, 1923
May 17 1923—PTN LOT 23 RESUBdivision ptn Highland Court, Piedmont. W. A. Folger to E. F. Henderson .....May 14, 1923
May 17, 1923—LOT 4 BLK 10 MAP Thousand Oaks, Berkeley. Berkeley Building Co. to whom it may concern .....May 15, 1923
May 18, 1923—LINCOLN AVE, Bay to Park St.; Everett St. crossing; Pearl St. on loop; High St. on loop, Briggs Ave on loop, Encinal Ave, 9th and Central to High St., Alameda. S. P. Co to Hutchinson Co.. .....May 15, 1923
May 18, 1923—LOT 6 BLK 14 Map Melrose Heights, Oakland Joseph Rattazzi to J W Merritt..May 18, '23
May 18, 1923—2217 and 2223, 2223-A, 2223B Blake St., Berkeley. Margaret E Kerns to H G Patrick... .....May 18, 1923
May 18, 1923—LOTS 5 AND 6 Map Morningside Park, Oakland. August M and Elizabeth K Ehrhart to Alex C Wieben.....April —
May 18, 1923—PTN LOT 4 Map Levi St Tract, Oakland. N M Strobel to whom it may concern...May 17, 1923
May 19, 1923—NO. 4021 ELSTON AV., Oakland. Ernst D and Signe A Olund to Karl S Fredrickson... .....May 17, 1923
May 19, 1923—LOT 14 BLK "C" Map The Oaks, Piedmont. C M MacGregor to whom it may concern.. .....May 10, 1923
May 18, 1923—LOT 125 BLK 23 Amended Map Havenscourt, Oakland. R W Coleman to F A McCausland.....May 17, 1923
May 18, 1923—NO. 1009 MAIN ST., Albany. Victor Heyny to whom it may concern.....May 16, 1923
May 21, 1923—S NINTH 45 E Jackson Oakland. C H Melquiond to J E Cofer & Son.....May 16 1923
May 21, 1923—LOT 6 BLK "A" Map Central Terrace, Oakland Cyril M Lundberg to whom it may concern .....May 21, 1923
May 21, 1923—LOT 246 Map 4th Ave. Terrace Ext., Oakland St. James Presbyterian Church of Oakland to Thos A Cuthbertson..May 19, 1923
May 21, 1923—WEST ALAMEDA, Ala. Associated Oil Co to Reuner Foundation Co.....May 12, 1923
May 21, 1923—LOT 101 and Ptn Lot 102 Map Fremont Tract, Okd. E H Harrison to L A Peters.May 19, '23
May 21, 1923—LOT 8 BLK "J" Northbrae Terrace, Berkeley. H D and Alice H Graves to whom it may concern.....May 21, 1923
May 21, 1923—LOT 6 and Ptn Lot 5 Blk "B" Lakeshore Hille, Oakland. Norma Graham Grant to Harry Schwalm.....May 18, 1923
May 21, 1923—NO. 2221 ROSE ST., Berkeley. Emil Person to whom it may concern.....May 21, 1923
May 22, 1923—SE ALAMEDA FARMS Sub-division and NW Cherry Road NE 1101.4 fm pt beg SW 285xSE 150, —— P G & E Co to Geo A Coit Hardware Co.....May 15, 1923
May 22, 1923—LOT 13 BLK "F" Piedmont Knoll, Oakland. Thos F Brennan to whom it may concern .....May 19, 1923
May 22, 1923—PTN LOT 9 BLK 6, Map East Oakland Heights, Oakland. W E McChesney to whom it may concern.....May 22, 1922
May 22, 1923—N TENTH 140 W West N 100 W 70 S 105 E 49-3½, Oakland.H R and E N Walker to whom it may concern.....May 21, 1923
May 22, 1923—LOT 10 BLK 2, Map Brookdale Terrace, Oakland. Andrew Wiedeman to whom it may concern.....May 22, 1923
May 23, 1923—SE COR. DIVISION ST. & Everett Ave. S 53.52 E 110 N 11.67 W 118.02, Oakland. P. B. Weaver to whom it may concern.....April—
May 23, 1923—2261 & 2257 38TH AVE & 2188 & 2184 Ransome Ave & 3635 & 3641 Nevil St., Oakland. R. E. Reeves to G. N. White ..May 22, 1923
May 23, 1923—FT PARKER AVE, Emeryville. S. P. Co. to Hutchinson Co. .....May ——

May 23, 1923—S HOLWAY ST 300 W 62nd Ave 37x100 Oakland. G. C. Dickerman to whom it may concern .....May 22, 1923

LIENS FILED

ALAMEDA COUNTY

Recorded Amount

May 19, 1923—NW THIRTY-SEVenth and Grove N 67.50xW 100, Oakland. A L Auscon vs E M Smith, James B Young Jr & Mary S Young $290

May 19, 1923—LOT 12 BLK "I" Amended Map Moss Tract, Oakland. M Friedman & Co vs W W and Pearl E Sherbourne.....$103.20

May 19, 1923—LOT 12 BLK "I" Amended Map Moss Tract, Oakland. Duner-Matheny Sash & Door Co vs W W and Pearl E Sherbourne $124.90

May 19, 1923—LOT 9 BLK 19 Map Havenscourt, Oakland. Eugene Dolan (Dolan Bros Wrecking Co) vs Allen Rea and B G Bowdish.... .....$349.92

May 19, 1923—23.759 ACRES LAND conveyed by M W Crawford et al to Helen D Umbsen Liber 2573 Deeds Page 345, Oakland. Sunset Lumber Co vs General Electric Co. and The Foundation Co.....$2148.66

May 22, 1923—N NINTH 76-8 E Madison E 36-8xN 100, Oakland. Hall Plumbing Co vs Charles D Meyers and E. H. Graham $586.50

May 23, 1923—LOT 5 BLK 3 MAP North Cragmont, Berkeley. H. F. Sorensen vs. A. D. & Gladys L. Whearty $50

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded Amount

May 16, 1923—LOT 6 BLK 6, Map Foothill Park, Oakland. Geo J Suryen, $102; H A Children, $375; Robert Howden Pr, $95; C D Lash, $100 to Wm H and Doris Ballentine

May 16, 1923—LOT 14 SUNNYSIDE Tract, San Leandro. Clarence A Doane to Darling Harding & Co.. .....$261.50

May 19, 1923—LOT 6 BLK "C" Map Foothill Park Tct, Oakland. Maxwell Hardware Co to W H Ballentine et al $57.58

May 21, 1923—SE CLINTON AV AND Sherman S 50 E 81.93 N 50 W 103, Alameda Wm A Meyer to Wm V and M L Martin and A Christensen $88

May 22, 1923—1765 SEVENTH ST., Oakland. D. E. Garner to W. M. Tarr $417

May 22, 1923—1765 SEVENTH ST., Oakland. S. C. Shockley to W. M. Tarr $47

Notice of Non-Responsibility

ALAMEDA COUNTY

May 18, 1923—LOT 15 BLK 2, Meek Estate Orchards, Eden Tp. H W Meek Estate, Inc as to improvements on property.....

May 19, 1923—BOUNDED ON S by Tunnel Road and Russell St, W by Domingo Ave and Clareomont Ave, N by Claremont Ave extended and Fish Ranch Road and Lands Henry Taylor, E by Albarado Road and land of Webb and others, Berkeley. Hotel Claremont, Inc as to improvements on property.....

May 19, 1923—LOTS 1 AND 2 BLK 10 Map Key Route Heights, Oakland Alameda Investment Co as to improvements on property....

May 19, 1923—LOT 15 and NE 12-6 Lot 16 Blk 14 Map Key Route Heights, Oakland. Alameda Investment Co as to improvements on property.....

May 22, 1923—NE¼ SE ¼ all Lots 3, 4 and 5 in SW ¼ Sec 18, NE ¼ and all Lots 1 and 2 in NW ¼ Sec 19 NW ¼ NE ¼ and SE ¼ Sec 20, all Lots 4 and 5 in W ½ of SE ¼ Sec 19, E ½ of SE ¼ Sec 19 and SW ¼ Sec 20 NE ¼ NW ¼ and SW ¼ Sec 29, the 123.45 acres in SE ¼ and 55.42 acres in NE ¼ of the fractional Sec 30, all in T 2 S R 1 W M D B & M, ——. A K P Harmon Jr as to improvements on property .....

BUILDING CONTRACTS

SACRAMENTO COUNTY

$2,500 and Over Reported

DWELLING, 1-story 5-room stucco, $3000; 2545 27th St., Sacramento; owner, W. G. McGrew, 2545 27th, Sacramento.

FLAT BUILDING, 2-story stucco, $10,000; 2309 4th Ave., Sacramento; owner, W. R. Billingsley, 2118 26th St., Sacramento; contractor, W. L. Chattenton, 1032 42nd St., Sacramento.

BUILDING, 1-story 3-room brick, $3000; 3020 S St., Sacramento; owner, Ficetta Dry Cleaning Co., Sacramento; contractor, J. W. Hoopes, 5126 14th St., Sacramento.

DWELLING, 1-story 5-room frame, $3000; 5009 12th Ave., Sacramento; owner, J. M. Burroughs, 5009 12th Ave., Sacramento.

DWELLING, 1-story 5-room, $3300; 1821 E St., Sacramento; owner, W. J. Holmes, Blue Canyon, Sacto.; contractor, T. B. Hunt, 2926 S St., Sacramento.

DWELLING, 1-story 5-room and garage, $3600; 2505 T St., Sacramento; owner, Mrs. M. Wilson, 720 N St., Sacramento; contractor, J. Edenhofer, 3300 2nd Ave., Sacramento.

DWELLING, 2-story frame, $8000; 3948 J St., Sacramento; owner, Mrs. E. Ellison, 716 H St., Sacramento.

DWELLING, 1-story 5-room and garage; owner, B. Phelan, 3649 J St., Sacramento; contractor, T. B. Hunt, 2926 S St., Sacramento.

DWELLING, 1-story 5-room, $4200; owner, Mrs. M. Winters, 1410 K St., Sacramento.

LIENS FILED

SACRAMENTO COUNTY.

Recorded Amount

May 18, 1923—LOTS 13 & 14 BLK 30 Del Paso Hts., Sacramento. Superior Lumber & Fuel Co. vs. H. V. Benlow $794.76

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

$2,500 and Over Reported

REPAIRS, $15,000; 801 S Center St., Stockton; owner, National Ice Co., 805 S Center St., Stockton; architect, Davis, Heller & Pearce Co., Delta Bldg., Stockton.

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded Amount

May 21, 1923—LOT 7, 9 AND 11 BLK 26, Victory Park Terrace, Stockton. Mildred M Congdon to W W Price.....May 1, 1923

May 21, 1923—NE ¼ OF SEC 29 T 2 S, R 5 E, Stockton. Pacific Oil Co by A D Heur to Shattuck Constr Co .....May 18, 1923

LIENS FILED

SAN JOAQUIN COUNTY

Recorded Amount

May 16, 1923—LOT 35 BLK 22 FAIR Oaks Tract Eastern Add to Stockton, Central Lumber Co. of Stockton, Inc. vs. O. O. Powell, H. Greenberg and wife $459.40

BUILDING CONTRACTS

FRESNO COUNTY

$5,000 and Over Reported

STORE BLDG.
LOTS 1, 2 AND 3, ——. All work for brick store building.
Owner—V. A. Basamajian ,2413 Mono St., Fresno.
Architect—None.
Contractor—De Luxe Constr. Co., Edgerly Bldg., Fresno.
Filed May 16, '23. Dated May 16, '23.
Foundation laid 1/5
Roofed 1/5
Plastered 1/5
Completed 1/5
30 days after.....1/5
TOTAL COST, $6750
Bond, none. Limit, 45 working days from April 30, 1923. Forfeit, none. Plans and specifications filed.

DWELLING
PTN LOTS 8 TO 11 Graham Villa, Fresno. All work for dwelling.
Owner—Ralph W. Woodward, 329 Yosemite St., Fresno.
Architect—None.
Contractor—Fred Gross.
Filed May 19, '23. Dated May 19, '23.
Roof on $1000
Balance by deed of lots 1, 2, and 3 Graham Villa .....
TOTAL COST, $1935
Bond, none. Limit, 35 days, from May 22. Forfeit, none. Plans and specifications filed.

DWELLING, $5000; No. 1530 College Ave., Fresno; owner, J. E. Collins, 217 Thesta St., Fresno; contractor, P. A. C. Williams, Orange Ave., Fresno.

COMPLETION NOTICES

FRESNO COUNTY

Recorded Accepted

May 16, 1923—LOTS 47 AND 48 BLK 9, Roeding Addition, Fresno. Jiovanni Dichirico to whom it may concern.....May 15, 1923

May 16, 1923—LOT 15, Fresno Hts. Homestead Tract, Fresno. Bert Garwood to whom it may concern .....May 15, 1923

May 16, 1923—LOTS 1 TO 4 BLK 2, Belmont Heights, Fresno. A R Randolph to whom it may concern .....May 4, 1923

May 16, 1923—LOT 3 S 10 ft. Lot 4 Blk "J" Arrants Addition, Selma. Earl N Otis to whom it may concern.....May 8, 1923

May 16, 1923—LOTS 8, 9 AND 10 BLK 3, Grand Ave Park, Fresno. Luigi Russo to whom it may concern... .....May 12, 1923

May 16, 1923—LOTS 12 AND 13 BLK 77, Sierra Vista Addition No. 4, Fresno. J A Schlotthauer to whom it may concern.....May 15, 1923

May 16, 1923—KINGSBURG (Remodel Station), Southern Pacific Co to whom it may concern...May 15, 1923

May 17, 1923—LOT 9 BLK 1, Blvd. Gardens No. 2, Fresno. Wm P House to whom it may concern... .....May 16, 1923

May 17, 1923—LOTS 9 AND 10 BLK 9, College Park, Fresno. Ezra T Radcliffe to whom it may concern .....May 16, 1923

May 17, 1923—LOTS 28 AND 29 BLK 10, Fresno Heights, Fresno. Ethel Stevenson to whom it may concern .....May 9, 1923

May 18, 1923—LOTS 45 AND 46 BLK 4, Sparkman Ventura Ave Tract, Fresno. Roy A McAdam to whom it may concern.....May 17, 1923

May 18, 1923—LOT near Lot 10 BLK 7 Sherrill Addition, Riverdale. J N Huntington to whom it may concern.....May 10, 1923

May 18, 1923—LOT 25 East Elmhurst. B D Maxson Jr to whom it may concern.....May 17, 1923

May 19, 1923—LOTS 32 AND 33 BLK 3, Sierra Vista Additnon, Fresno. Clarence A Smith to whom it may concern.....May 18, 1923

May 19, 1923—LOTS 34 AND 35 BLK 1, Torrance Terrace, Fresno. O B Hall to whom it may concern..... .....May 18, 1923

May 19, 1923—LOTS 47 AN D18 BLK 2, Fresmont Park, Fresno. A F Ambrose to whom it may concern .....May 6, 1925

May 19, 1923—LOTS 3 AND 4 BLK 86 Sierra Vista Addition No. 4, Fresno. E A Schuyler to whom it may concern.....May 19, 1923

May 19, 1923—LOT 3 BLK 89 Lot 7 Blk 92, Sierra Vista Add'n No. 5, Fresno Building Corp to whom it may concern.....May 18, 1923

May 21, 1923—LOTS 1 AND 2 Del Mar Tract, Fresno. Myrtle Brostrom to whom it may concern... .....May 19, 1923
May 21, 1923—LOT 18 AND 19 BLK 2, Belridge Park, Fresno. W C Wilson to whom it may concern... .....May 21, 1923

LIENS FILED

FRESNO COUNTY

Recorded Amount
May 17, 1923—N ½ OF NW ¼ Sec. 20, 15-20, Fresno. Maisler Bros vs H D McCoon and C L Keith.....$125
May 17, 1923—LOTS 21 AND 22 BLK 2, Yale Addition, Fresno. Routt Lumber Co vs O Morton.....$63
May 17, 1923—LOT 19 Graham Villa, Fresno. Routt Lumber Co vs W S Huffman $152
May 17, 1923—LOTS 7 AND 8 BLK 2 Esmeralda Heights, Fresno. Routt Lumber Co vs Donald A Clark..$248
May 17, 1923—E ½ of W ½ of NE ¼ of NE ¼ of Sec. 11, 14-20, Fresno. Routt Lumber Co vs Sunder Singh and Geo W Wilson.....$53
May 17, 1923—LOT 15 N ½ LOT 16 Blk 4, Peters Addition, Fresno. L Dosenberg vs Henry and Dora Benner and Christ Sommers....$173
May 18, 1923—LOTS 9 AND 10 BLK 6 New High School Add'n., Fresno. L Rosenberg vs Hugh Sparkman, Geo R Graham and V D Mott....$322
May 18, 1923—LOTS 3 AND 4 BLK 86, Sierra Vista Add'n. No 4, Fresno. L Rosenberg vs E A Schuler..$1498
May 19, 1923—LOTS 47 AND 48 BLK 2, Fresmont Park, Fresno. Arms & Gaskill Sales Co vs A F Ambrose.$82
May 19, 1923—LOT 65 Central Calif. Col., Fresno. Routt Lumber Co vs Henry Roth.....$385
May 19, 1923—LOTS 14 AND 15 BLK 2, Bloomington Addition, Fresno. Routt Lumber Co vs Max L Franck $46

BUILDING CONTRACTS

SAN MATEO COUNTY

DWELLING
TEMPLETON ST., being Lot 2 Blk 2, Daly City. All work for one-story frame dwelling.
Owner—Walter Hanschen, 1280 Florida St., Daly City.
Architect—None.
Contractor—Wm. G. Spirg, Dal City.
Filed May 18, '23. Dated May 5, '23.
Frame up $1200
Plastered 1200
Completed 1200
Usual 35 days..... 1200
TOTAL COST, $4800
Bond, limit, forfeit, plans and specifications, none.

COTTAGE
LOT 28 BLK "R" Haywood Park, San Mateo. All work for four-room cottage.
Owner — Raymond H. Norhein, San Mateo.
Architect—None.
Contractor—Alexander McKenzie, Burlingame.
Filed May 19, '23. Dated May 17, '23.
Frame up ..... ¼
Brown coated ..... ¼
Completed ..... ¼
Usual 35 days..... ¼
TOTAL COST, $3485.00
Bond, none. Limit, 70 working days. Forfeit, $10. Plans and specifications filed.

DWELLING, $11,000; lot NE 50' of 9 Block B, Griffith Ave.; owner, Chris Kopp, 337 Ellsworth St., San Mateo; architect, Fred Munk; contractor, J. Keegan, 21 North E St., San Mateo.
BUNGALOW and garage, $5000; Lot 23, Blk 35, Easton 2, Bernal Ave., Burlingame; owner, G. Bruns, 1426 Palm Ave., Burlingame.
BUILDING, class C, $5000; Lot 9C Blk 1, Burlingame Ave, Burlingame; owner, J. W. Rutherdale, 305½ San Mateo Ave., San Mateo.
BUNGALOW and garage, $5000; Lot 39 Blk 49 Easton 4, Cortez Ave.; owner Harry Browne.
BUNGALOW and garage, $4000; Lot 13 Blk 6 Burl. Gr. Highway, Burlingame; owner, M. F. Kristeller.

COMPLETION NOTICES

SAN MATEO COUNTY.

Recorded Accepted
May 1, 1923—LOT 1 and 2, BLK. 1, Burlingame; owner, Annie Franklin; contractor, John W. Rutherdale.
May 19, 1923—LOT "A" BLK 5; LOT "S" Blk 4 No. 2, Burlingame Terrace, Burlingame. D Houle to whom it may concern..May 18, 1923
May 19, 1923—LOT 16 BLK 36, Easton No. 2, Burlingame. Thos E Daley to whom it may concern.May 16, 1923

RELEASE OF LIENS

SAN MATEO COUNTY

Recorded Amount
May 18, 1923—LOT 12 BLK 9, Wellsley Park No. A, Redwood. Progress Lumber Co to James F McGuinness Jr et al $470.31

BUILDING CONTRACTS

SANTA CLARA COUNTY

$1,0000 and Over Reported

BRICK BLDG.
W SAN PEDRO ST., adjoining Farmers' Union Bldg., San Jose. All work for one-story brick building.
Owner—E. T. Cooper and R. B. Gassett, San Jose.
Architect—G. W. Page.
Contractor—R. L. Jorgensen and C. W. Cook, 193 N-5th St., San Jose.
Miled May 14, '23. Dated May 5, '23.
Aas work progresses..... 75%
Usual 35 days..... %
TOTAL COST, $21,638
Bond, $10,819. Sureties, Garden City Glass Co. and S. F. Prouty. Limit, 90 working days from May 5, 1923. Forfeit, none. Plans and specifications filed.

COTTAGE
TWENTY FT. LOT 19 AND 30 FT LOT 18 San Carlos Sub. No. 1. All work for 1-story frame cottage.
Owner—R. H. Coates, 25 N Buena Vista, San Jose.
Architect—None.
Contractor—Carl C. Maurer, 241 Locust St., San Jose.
Filed —. Dated May 10, 1923.
Rafters up 995.50
1st coat plaster on 995.50
Completed and accepted..... 995.50
Usual 35 days 996.50
TOTAL COST, $3982
Bond, none; Bondsmen signed Edw. W. Bacigalupi and C. L. Showalter; Forfeit, none; Limit, 65 wk. days from May 10, 1923; Plans and specifications filedd.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Accepted
May 16, 1923—PTN LOT 4 BLK 55, City of Palo Alto. F V Perino to Santa Clara Valley Building Co.. .....May 14, 1923
May 16, 1923—SW COR. BLK 38, Palo Alto. P L Wisdom to Wells P Goodenough.....May 15, 1923
May 16, 1923—LOT 18 BLK 46 ,Palo Alto. George P Irwin to whom it may concern.....May 7, 1923

LIENS FILED

SANTA CLARA COUNTY

Recorded Amount
May 15, 1923—LOT 4 Koeberle Tract, San Jose. Thomas H Wiliams, $485 Glenwood Lumber Co., $461.10 vs John A and Eda Huber.....
May 15, 1923—LOT 2 BLK 14, Hanchett Residence Park, San Jose. Glenwood Lumber Co, $319.34; Thomas H Williams, $163.43 vs J S Seeley Jr and Alice Foster Seely..
May 16, 1923—LOT 26 BLK 3, Alameda Park, San Jose. Thomas H Williams vs Rose A and William Spielberg $478.03
May 16, 1923—LOT 2 BLK 14, Hanchett Residence Park, San Jose. W J Porter vs J S Seely Jr. and Alice Foster Seely.....$79.75
May 16, 1923—LOT 4 Koeberle Tract San Jose. W J Porter vs John A and Eda Huber.....$87.98
May 16, 1923—S 80 FT. LOT 6 BLK 1, Maypark Half Acres, San Jose. Home Union (a cptn.) vs D H Allen $365.87

RELEASE OF LIENS

SANTA CLARA COUNTY

Recorded Amount
May 16, 1923—LOT 3 and N 2 ft. Lot 6 Blk 9 R 3 West Mace's SW Addition, San Jose. F Patrello to Ambrose Cavallaro $96.10
May 16, 1923—LOT 15 BLK 7 R 6 S Snow & Pettis Addition, San Jose. Sterling Lumber Co, $——; C M Glaze, $—— to G M Bobst. (partial releases) .....

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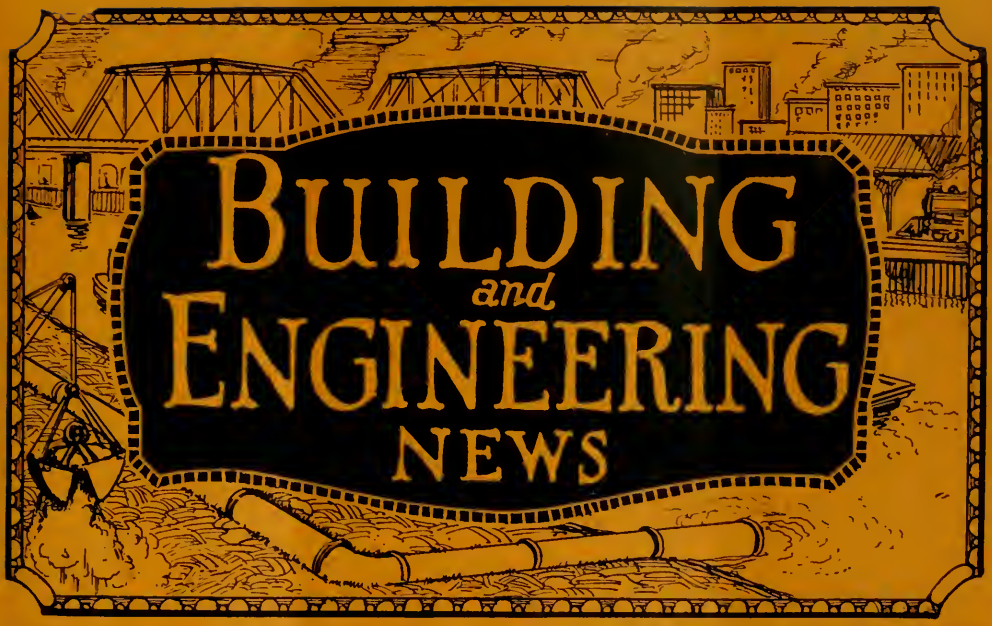

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Twenty-third Year No. 22

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Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

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APRIL CEMENT PRODUCTION

Production of portland cement in April was over 11,350,000 barrels according to figures just compiled by the United States Geological Survey. This represents an increase of more than 2,000,000 barrels, or approximately 23 per cent over last year's April production and is the largest quantity ever manufactured during that month. Production for the first four months of this year exceeded 37,000,000 barrels as compared with about 27,000,000 barrels in 1920, the best previous record for that period.

April shipments of cement from the mills were also unusually heavy for this season of the year and nearly reached the 13,000,000 barrel mark—an increase of 50 per cent over April, 1922. For the first four months of 1923, shipments exceeded 34,600,000 barrels as compared with 22,700,000 barrels the 1919-1923 five year average for the period.

Stocks of finished cement in manufacturers' hands at the end of April this year were 11,450,000 barrels as compared with an average of about 12,200,000 barrels for the five-year period 1919-1923. Taking into consideration the unprecedented early season demand which, since January 1, has absorbed over 12,000,000 barrels more than ever before, manufacturers have made a remarkable record in keeping pace with the situation.

SACRAMENTO PAVING COSTS LOW, SURVEY SHOWS

That paving and improvement of streets in Sacramento, Calif., are completed at a low figure in relation to other cities is indicated in a comparison of rates in Sacramento and Portland, Ore., where a municipal paving plant is in operation.

A. S. Hart, of the Sacramento city engineer's office, prepared the comparison at the request of Albert Givan, Sacramento city engineer.

Hart found that by figures submitted by Portland on the cost of 2-inch asphaltic concrete pavement laid by the municipal paving plant, the average cost was .9846 per square yard, or 1.092 per square foot, as against .1290 for the city of Sacramento.

These figures submitted by the city of Portland carry a 10 per cent item covering interest on the plant investment, amounting to about .01 per square foot.

Sand, rock screenings filler, dust and asphalt represent a total of 50 per cent of the cost of the pavement in Portland.

In Sacramento, for two-inch pavement, these items constitute about 63 per cent of the total cost.

A comparison of prices gives Sacramento a weighted average increase of 33 per cent in the cost of materials. Applying this increase to 50 per cent of the cost of .1092 per square foot, as submitted as the average cost of two-inch pavement in Portland, Hart figures an increase of .0183 cents per square foot, or a total cost of .1275 per square foot, which would have been the cost of paving by the municipal plant of Portland had that city been compelled to pay the same price for crushed rock, screening and sand that Sacramento is required to pay.

Comparing this price of .1275 with the average price of two-inch pavement in Sacramento, which is .1290, shows that this city by contracts gets a higher price by .0015 per square foot than Portland would have received by its municipal paving plant had Portland been required to pay the same price for materials that this city pays, or a percentage increase of 1.17.

824 MILES OF FEDERAL ROADS PUT UNDER WAY

During February, 824 miles of federal aid roads were placed under construction, according to the bureau of public roads. United States department of agriculture. This is said to be a particularly good record for a month that is considered unfavorable for road work in many of the states. The character of the work is indicated by the following table. Several of the projects included in the tabulation represents new surfaces laid on an old road as a base:

	Miles	Estimated Cost
Cement concrete	127.5	$4,293,320
graded and drained	147.9	1,847,049
Sand-clay	141.6	765,831
Gravel	289.4	3,493,325
Water-bound macadam	42.4	697,420
Bituminous macadam	46.1	1,462,855
Bituminous concrete	19.5	580,861
Brick	8.4	330,160
Bridges	1.6	361,219

STATE HIGHWAY EXPENDITURES WILL TOTAL $37,000,000

Thirty-seven million dollars will be expended for maintenance and reconstruction of state and county roads during the fiscal years 1923-1924 and 1924-25, according to an announcement of the California State Automobile Association.

During this period the state highway commission will reconstruct 364.7 miles of state highway, at a cost of $9,879,120. The state will maintain 3926 miles of improved highways at a cost of $1,372,249 in 1923-24 and 4148 miles at a cost of $1,500,515 in 1924-25.

For the fiscal year 1923, the highway commission will require $8,401,268 and for 1924, $9,871,435. An equal sum, under the Breed bills, will be divided among the various counties of the state, where similar improvements in county road systems will be made possible.

In addition to providing adequate funds to maintain and reconstruct a large mileage of both state and county highway systems, the Breed bills provide for protection of the highway by reduction of the maximum weight limit.

During the past four years the state roads and many of the county systems have carried total weights of 30,000 pounds. Under the Breed motor vehicle act, and through a compromise effected with the commercial interests by the motor vehicle conference, this limit has been materially reduced

The maximum limit of both state and improved county roads has been reduced to 22,000 pounds, with certain exceptions. Equipment now registered and weighing in excess of this limit is permitted to operate for a three-year period at 24,000 pounds. The supervisors have the right to reduce this limith on dirt roads and temporarily on improved county roads.

MODIFICATION OF RECLAMATION CONTRACT IS SOUGHT

An offer which may save the taxpayers between $90,000 and $100,000 on the construction of levees in Reclamation District No. 1660, Sutter County, providing arrangements can be made to finance the work on a cash basis, instead of warrants, is being considered by the State Reclamation Board. The offer is made by E. S. Heyser, representing the W. E. Callahan and Smith Bros. Construction Company of Wichita Falls, Texas, holders of the contract awarded by the board several weeks ago and later purporting to have been cancelled by a majority vote of the board.

Heyser in submitting the proposition to the board stated his company considered the contract still binding and declared he was empowered to discuss modifications in price if cash payment could be made.

The outcome of the matter was that the legality of the contract would have to be gone into fully and a committee was appointed to investigate and report.

Charles H. Spear, of Berkeley, has been appointed president of the California State Board of Harbor Commissioners, succeeding John H. McCallum, of San Francisco, resigned.

THE OBSERVER WHAT HE HEARS AND SEES ON HIS ROUNDS

Governor Richardson has signed Assembly Bill No. 1344, providing for a comprehensive study of the California state highway system and the appointment of an advisory committee to make this study. The committee will consist of seven members to act in conjunction with the State Highway Commission and the State Highway Engineer for the purpose of making a complete study of the whole highway system and report to the next Legislature, to plan for financing the highways, the question of the type of pavement and also what roads should be in the highway system. The advisory committee will act without compensation.

"By Their Deeds, Ye Shall Know Them." Among the contributions recently announced by the Californians, Inc., we note the building fraternity is doing its part to continue the constructive work of that organization. Gladding McBean Co., comes through with $1500. N. Clark and Sons, follow a close second with $1,000. Richmond Pressed Brick Company, says, "put us down for $100." California Pottery Company, says "continue the good work, here's $500." McNear Brick Company says "sure we go you $150 and finally the Stockton Brick Company says, "throw us in for $150." Hooray! That's fine. Whose next?

The McCloud River Railroad Company in Siskiyou county is extending its line from a point four miles beyond Bartle eastward for a distance of eleven miles to the vicinity of Bear Mountain. The construction is primarily to tap new timber for the operations of the McCloud River Lumber Company. It is reported that the railroad planned on building into Big Valley in Modoc county, about twenty-five miles by air line from the present construction. Officials of the company, however, refuse to confirm the report that there are any definite plans of such an extension in the immediate future.

Fires cost the United States last year $522,000,000, more than the record-breaking year 1906, when the San Francisco conflagration swelled the national loss. John B. Morton, president of the National Board of Fire Underwriters, asserted before representatives of 157 companies in annual convention in New York, May 24. Morton decried the continual legislation by States, which, he said, has just culminated in the passage of 1700 laws directed at insurance companies. He denied that underwriters were profiteering.

May is piling up a big total of ordinary building operations for Los Angeles. Up to and including the 22nd, the number of permits issued was 3968 with an estimated valuation of $12,175,519. During the corresponding period in April, 3782 permits with an estimated valuation of $11,464,537 were issued. The May total to date includes only one large building project. Permits for a few large buildings would run the total up close to the high record for March.

The biggest street improvement program in the history of Los Angeles will be inaugurated this year according to Major L. A. Griffin, city engineer. Four hundred separate projects to cost $4,000,000 and embracing grading, asphalt paving, oiling, sidewalks, gutters and curbs are planned.

The California State Highway Commission has entered into an agreement with the War Department, whereby it is to have use of Mather Field, near Sacramento, for storage of trucks and other equipment used by the commission in highway construction. At the present time the commission is using 682 trucks, 56 autos and 59 motorcycles in its road building program.

U. S. Land Office at Portland, Ore., announces the sale to the Nehalem Timber and Logging Company of approximately 57,000,000 feet of lumber in Columbia county for $165,385. The company's bid , the only one received, was opened May 3. The new tract adjoins the present operations of the company, the timber being largely fir, with some cedar and hemlock.

F. A. Zimmerman has brought suit against Shasta county to recover $3960 alleged due him for building the Bear Creek bridge about a year ago. Zimmerman holds that the county surveyor, C. R. Wiegel, changed the plans and specifications increasing the cost of the structure, following which the county surveyor refused to approve bills for the additional work.

Governor Richardson has signed Assembly Bill No. 106, backed by the Save the Redwoods League and authorizing the State Treasurer to accept private contributions to be used in purchasing and protecting groves of California's forest giants.

Arthur M. Loeb, who recently disposed of his interest in the California Equipment & Supply Co., of which he was president, has become associated with the Allied Machinery Cor. of California, with headquarters at 465 E Third St., Los Angeles.

The Electric Smelting Corporation, with offices and plant at 450 Main street, San Francisco, is installing electric furnaces that will make it the most modern metal-working plant west of Chicago, according to E. B. German, president and manager.

The Servite Fathers have taken an option on sixty acres of land on the outskirts of Portland, Ore., and proposed to erect a group of sanctuary buildings to cost $7,000,000. Construction will be of stone, finished on the interior with marble.

An active campaign is being made by the Los Angeles Builders' Exchange to secure the election of Ira W. Byrnes of the G. H. Turner Co. as a member of the board of freeholders to frame a new charter for Los Angeles city.

The San Francisco branch of the Manhattan Electrical Supply Company, inc., which has been at 604 Mission street, will be at 252 Fifth street, corner of Clementina, on and after June 1, with offices and warehouse.

Early resumption of building operations throughout the country, now held up because of high costs of material and labor, is predicted by H. S. Black, president of the U. S. Realty Company, New York, in a report to stockholders.

The valuation of building permits issued in Chicago reached more than $2,000,000 a day during all of April, 1923

John B. Sanford, San Francisco, formerly of Ukiah, has been named a member of the State Board of Harbor Commissioners by Governor Richardson, Sanford succeeds Fred S. Moody, resigned.

Governor Richardson has signed Assembly Bill No. 60, appropriating $225,000 to construct a bridge over the Klamath River near Requa, Del Norte County.

Redwood Manufacturers Company is planning to reconstruct its dry kilns destroyed by fire at Pittsburg, Contra Costa Counay. The loss is estimated at $50,000.

Geo. F. Comstock has been appointed city engineer of Santa Rosa, succeeding L. L. Mills, who resigned to enter private practice.

W. P. Holmes, Napa concrete pipe manufacturer, died in St. Helena, May 23. A daughter, Mrs. Edw. Anderson, of Berkeley, survives.

Santa Rosa city council contemplates remodeling city's sewage disposal plant at a cost of $200,000. Funds will probably be raised through a bond issue.

The San Joaquin Homes (Inc.), has been incorporated at Stockton for the purpose of financing homes for industrial workers. Company is capitalized at $10,000. Incorporators are: Percy S. Webster, Stephen N. Blewett and Frank H. Carter.

Doctor Samuel C. Lind, superintendent of the rare and precious metals experiment station of the Federal Bureau of Mines at Reno, Nevada, has been appointed chief chemist of the bureau in Washington. The appointment is effective June 1. Lind succeeds Dr. Richard B. Moore, who will enter the commercial field in New York. Lind is the inventor of the Lind interchangeable electroscope, used in the examination of rarer metals and gasses.

A wage increase of $1 a day for 10,000 building trades workers is announced in New York. This advance went to sheet metal workers, inside iron workers and structural steel men. Their number swells to 50,000 the number of building workers who have gained their demands, and leaves about 30,000 left to strike, as threatened on June 8, if no settlement is made to include them.

James H. Hardy, as president of the James H. Hardy, Inc., also doing business as the Oakland Lumber & Mill Company has filed in the U. S. District Court a voluntary petition in bankruptcy. The firm's liabilities were scheduled at $36,001.19, with assets of $28,006.07. Of the assets, $25,806.07 are said to be owing on open accounts. The principal creditors are: Bank of California, San Francisco, $20,109.37; J. H. Baxter, San Francisco, $4906.89, and the Western Lumber & Export Company, Cottage Grove, Ore., $3586.74.

The Oakland city council has approved plans for a pedestrian way to connect San Pablo Avenue and Broadway between Fourteenth and Sixteenth streets. The improvement will cost approximately $175,000.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

U. S. SEEKS DISSOLUTION OF BUILDERS' GROUPS

Civil suit has been filed in the federal court (San Francisco) by United States Attorney John T. Williams asking that the California Industrial Council, Industrial Association of San Francisco, Builders' Exchange of San Francisco, Industrial Association of Santa Clara, Builders' Exchange of San Jose, the Master Plumbers' Association and forty-four firms and individuals be dissolved for alleged restraint of trade and that an injunction issue against their further combination.

Following the filing of the action Federal Judge William C. Van Fleet issued an order summoning the various defendants to appear June 11 to show cause why a permanent injunction should not be granted.

This action follows the acquittal in the state courts of thirty-four firms and individuals on charges of violating the Cartwright state anti-trust law. It is charged that the various firms entered into a combination to refuse to sell materials to independent contractors operating on a closed shop basis, thereby restraining trade and commerce. It also charged that banks were coerced into refusing loans to independent builders and that the associations and firms entered into an agreement whereby wages would be fixed, employers and workmen "blacklisted" and competition among the membership abolished.

Firms Listed

The following firms and individuals, besides the six named above, are made defendants:

Geo. H. Tay Company; William Simmonds & Co.; Pacific Portland Cement Company; Henry Cowell Lime & Cement Co.; Santa Cruz Portland Cement Co.; Tacoma & Roche Harbor Lime & Cement Co.; United States Gypsum Co.; J. S. Guerin & Co.; Holmes Lime & Cement Co.; Nephi Plaster & Mfg. Co.; Gladding, McBean & Co.; McNear Brick Co.; Western Lime & Cement Co ; Otis Elevator Co.; P. E. O'Hair Co.; W. P. Fuller & Co.; Bass-Hueter Paint Co.; Wolverine Brass Works; Dalziel-Moller Co.; Crane Co.; Grinnel Co.; Grinnel Co. of the Pacific; Bethlehem Shipbuilding Co.; William H. George; Emil Hogberg; Joseph B. Keenan; J. D. McGilvray; R. J. H. Forbes; Alex Mennie; T. C. Berg, James H. Pinkerton; Charles W. Gompertz; D. J. Sullivan, George T. Bowen; George R. Perkins; M. D. Cohen; J. J. Neal; D. B. Farquharson; C. S. Allred; John Viller; Lawrence E. Crawford; William P. Goss; John Doe Furman and Athol McBean.

ELECTRICAL BODY TO CONVENE AT DONNER LAKE

The California State Association of Electrical Contractors and Dealers will hold their first convention at Donner Lake Camp from June 9 to 16. They will travel 100 strong from San Francisco by auto caravan, which they have designated "The Electrical Dependability Caravan."

The first day will be devoted to talks on "Business Accounting," the second day to "Sales Stimulation," and the third day to business and election of officers for the ensuing year, dances and other social events. Thursday, June 14, has been set aside for a trip to Lake Tahoe and steamer ride to all the resorts on the lake.

STATE SHOULD NOT COMPETE WITH ESTABLISHED BUSINESS

The following resolution was passed unanimously at the annual meeting of the Building Material Dealers' Association, Portland, Oregon:

Whereas, the manufacture of brick is an old and established industry in the state of Oregon, and has an invested capital therein considerably in excess of a half million dollars and requires the employment of several hundred artisians and workment, and

Whereas, the state of Oregon has commenced the sale in the open market in said state of brick manufactured at the state penitentiary by prison labor, and

Whereas, the sale of said brick so manufactured at said state penitentiary works a hardship and an injustice upon the brick manufacturers of the state of Oregon by reason of the fact that the market for their brick in Salem, Albany and Corvallis, particularly as well as in other ports of the state, will be materially decreased by the sale of the penitentiary brick, and by reason of the further fact that the competitive price established in the open market by the said penitentiary brick being sold therein, is such that the same cannot be met by the clay manufacturers with brick manufactured by labor employed at regular wages, now, therefore,

Be it resolved, that it is the opinin of this association as expressed at its annual meeting on May 16, 1923, that the brick manufactured at the Oregon state penitentiary with prison labor should not be sold in the open market at all, and should not be brought into competition with the product manufactured by the clay manufacturers of this state, and that it is the further opinion of this organization that if the brick manufactured at the state penitentiary is to be used in state buildings, that such fact should be stated in the specifications for all of such buildings, and that such specifications should also state that the penitentiary brick should be used "or other brick of like quality," and said specifications should also state the price at which said penitentiary made brick will be supplied, and

Be it further resolved, that the views and opinions of this association be made known to the public by forwarding copies of this resolution to the Oregon Voter andd the daily newspapers of the city of Portland, and of the city of Salem and to the governor of the state of Oregon and to such other publications within said state as will give to said resolution the widest publicity and make known this association's protest against the selling of prison made brick in the open market, and its protest against any exclusion of the product of the brick manufacturers of this state from buildings erected by the state.

PLUMBERS' STRIKE ENDED

The San Francisco Plumbers' Union has called off its long strike against the open shop.

The action of the union, which virtually terminates the campaign of San Francisco building trades unions to combat the so-called American plan by means of strike tactics, was determined upon at a meeting May 25.

The plumbers have been on strike against the American plan since April, 1922. In order to meet the open shop move of the Industrial Association and the Builders' Exchange at that time, the plumbers refused to work with nonunion men and have maintained that position until the present.

DETROIT SAFETY MEET

The Engineering Section of the National Safety Council will hold its second meeting of the year at Detroit, Mich., in co-operation with the Detroit Safety Council on June 12.

In the morning, the subject of safety in welding and cutting will be discussed by experts representing the three modern methods: electric, gas and thermit, followed by a practical demonstration of the use of goggles to protect against the injurious visible and invisible rays, and a general discussion in which the industrial safety engineers in the audience will have opportunity to secure information on their own particular problems.

The afternoon will be devoted to the general topic of industrial sanitation and health work, with particular reference to the prevention of infections from the use of cutting oils.

Arthur H. Young, Manager of Industrial Relations for the International Harvester Company the last year's president of the National Safety Council will talk at the banquet meeting on Safety Work That Pays Dividends. At the same meeting Judge Alva B. Corlett, Cleveland traffic court magistrate, will tell of his experience in Preventing Street Accidents by Law Enforcement. This is the last conference of the safety engineers before the Twelfth National Safety Congress of the National Safety Council at Buffalo Oct. 1 to 5.

WHALIN HEADS CONSTRUCTION BRANCH OF OAKLAND SCHOOL BOARD

W. E. Whalin, Oakland contractor and former president of the Alameda County Builders' Exchange, has been appointed to succeed Wilfred N. Ball as superintendent of construction for the Oakland Board of Education.

Ball resigned after filing a statement with the board of education in which he criticized the materials used in the construction of Oakland's new schools and the methods employed by the contractors. He charged that the contractors were not living up to specifications. Lack of support from the board was assigned as his reason for resigning. His resignation is effective June 1.

Contractors and members of the school board claim that Ball was too technical and was retarding the work on the new school buildings by his policy of making contractors adhere to the letter to the specifications of their contracts.

ALAMEDA COUNTY BUILDERS TO BANQUET NEXT MONTH

Preparations are being made by the Alameda County Builders' Exchange for its annual banquet to be held June 12 in the ivory ballroom of the Hotel Oakland, according to an announcement of E. W. Shaw, Secretary.

L. Cameron Fraser is general chairman of the committee arranging the event. T. D. Sexton is chairman of the entertainment committee and promises some highly interesting talent. W. E. Whalin is chairman of the reception committee. Horace D. Jones heads the publicity committee. Harry McManus is in charge of ticket sales.

Standardization of Purchase Specifications

Hundreds of millions of dollars could be saved by municipal and state governments and by the industries of the United States through the unification and standardization of purchase specifications, Mr. P. G. Agnew, secretary of the American Engineering Standards Committee told the National Association of Purchasing Agents in annual convention in Cleveland, May 16.

"The purchasing agents of state and municipal government dept. are spending about $700,000,000 yearly for supplies, materials of construction and other products," Mr. Agnew said, "but these purchases are for the most part uncordinated. In many cities and states perhaps half a dozen different departments may be buying the same materials at the same time but at different prices and under different specifications, or with no specifications whatever. Such a condition is, of course, conducive to great waste. Industry's purchases are even greater than those of state and municipal governments combined. It has been estimated that the industries represented in the National Association of Purchasing Agents alone spend more than a billion dollars a year for materials and supplies. Although the waste resulting from uncoordinated purchases is undoubtedly much smaller in industry than among local and state departments, it is certain that in industry, also, hundreds of millions of dollars could be saved by national standardization of purchase specifications, of methods for analysis of materials, and of sizes, types and styles."

"In discussing so complex a subject as standardization, it is well to be explicit on fundamentals," Mr. Agnew continued.

"Industrial standardization means to single out specific products and materials, to settle upon their properties and dimensions, and to concentrate upon them in production and in use—all to the end of bringing about the greateat overall industrial efficiency possible. This involves:

(a) Nomenclature
(b) Purchase specifications.
(c) Methods of contest.
(d) Uniformity in dimensions necessary to secure interchangeability of supplies, and the interworking of apparatus and of parts.
(e) Provisions for safety.
(f) Concentration upon the optimum number of types, sizes and grades of manufactured products.

According to the scale upon which it is carried out, the process of industrial standardization may be classified roughly into four stages, namely:

1. By individual firms.
2. By societies of associations.
3. On a national scale.
4. On an international scale.

The number of individuals and organizations interested in any particular piece of standardization work increases greatly as it develops from one of these stages to the next. On this account, and for many other reasons, the difficulties increase in a greater ratio from stage to stage than do the number of parties at interest. Likewise, the extent to which standardization may be carried is very much less in scope, in incisiveness, and in elaboration of detail. On the other hand, its importance industrially increases from stage to stage and when international standardization can actually be carried out it is bound to be far-reaching in its effects.

Generally two or more of these stages develop simultaneously. In fact, all four stages may be developing at the same time. Furthermore, as a practical matter no sharp lines of demarkation can be drawn between the four stages. A piece of standardization work which has been carried out by a society or an association may have been put upon so sound a basis that it becomes essentially a national standard. The same is true even of the work of the individual companies. Several striking examples of the latter are to be found in the field of mechanical engineering, e.g. in tapers and wire gages.

By firms: Standardization by individual firms is now well developed in all the principal industrial countries. It is an essential element in mass production. Unquestionably, up to the present it has been pushed farthest in the United States.

By Associations: Standardization by societies and associations has also been greatly developed in industrial countries. In many cases standards so developed have come into such general use as to make them essentially national in character. In far more numerous cases such standards are receiving increasing recognition, but systematic cooperation and understandings with other interested bodies will be necessary to make possible full national recognition. As examples of important work carried out by societies and associations, these may be mentioned: the great group of purchase specifications and methods of testing for a large number of materials which have been formulated by the American Society for Testing Materials, and which have had a far-reaching influence in the supplies of materials to a large group of manufacturing and consuming industries; the dimensional standards for parts and supplies for automobiles developed by the Society of Automotive Engineers, which have been an essential factor in the enormous development of the automobile industry; the large amount of the dimensional standardization and specification work carried out by the railroads, extending over nearly half a century; and the standardization rules of the American Institute of Electrical Engineers, which have played a fundamental role in the development of electrical machinery and apparatus.

On a national scale: The movement for industrial standardization along national lines, although a recent one, is now getting well under way. There are now sixteen national standardizing bodies in all: in Australia, Austria, Belgium, Canada, Czecho-Slovakia, France, Germany, Great Britain, Holland, Hungary, Italy, Japan, Norway, Sweden, Switzerland and the United States. While the British Engineering Standards Association is the only one of these which antedates the war, and some of them have been organized only recently, the opportunities and need for the work are such that more than half of them have already accomplished work of real significance and importance in the development of their national industries. The work is being woven intimately into the industrial fabric. Of the national bodies, the British and German are the largest and their work is the most extensive. The French and Japanese bodies are organized under the Government ministries of commerce in their respective countries. All the other bodies are predominantly or wholly industrial in organization, but have the cooperation of their national governments.

The national standardization body which performs the functions of a clearing house for industrial and engineering standardization in this country is the American Engineering Standards Committee. Its organization came about as a result of the large number of bodies, technical, industrial, and governmental doing industrial standardization work. It is the agency through which industrial standardization in this country is passing from the second to the third stage; namely, from standardization by associations, societies, and governmental agencies to standardization on a national scale. Through its methods and procedure, which are the result of extensive study and discussion on the part of the numerous bodies concerned, and which have been further developed by three years of experience in active work, the standardization work of many bodies concerned is being broadened and unified into national industrial standards.

The first step was taken by the American Institute of Electrical Engineers in 1917 by approaching the American Society of Civil Engineers, the American Institute of Mining Engineers, the American Society of Mechanical Engineers, and the American Society for Testing Materials, as a result of which a joint committee was organized to study the problem. After years of discussion and conference with various interested bodies, a plan was drawn up and agreed upon. The scope of the work as then projected was much narrower than experience has since shown to be necessary. The first important problem that was undertaken showed that in actual experience the plan which had been adopted was not satisfactory to many of the important organizations concerned. It took a full year to bring about a thorough reorganization with the modifications necessary to make the plan acceptable to the numerous bodies concerned, industrial, technical, and governmental. Our chairman sometimes refers to these two years as the period of the anguish of internal adjustment necessary to get us to see eye to eye in our problems.

The work has grown very rapidly. Forty "American Standards" and "Tentative American Standards" have already been approved, and a hundred other projects are under way. In the work more than 200 national organizations are participating through accredited representatives and more than 1000 men are serving on committees.

Only national organizations, government departments, engineering societies and trade associations are represented on the Main and Executive Committees, but a new class of sustaining-membership for individual companies has recently been established.

The Federal Government is one of the largest purchasers of industrial products, both as to the amount and the range of supplies which it requires. In the past, each of the various Departments and independent establishments of the Government has had its own specifications upon which it purchased

its supplies. The diversity of the various Government specifications, their departures from usual commercial production, and the special features frequently required became very troublesome to the manufacturing industries. This remained true to a large extent until very recently.

One of the early acts of the first Director of the Budget was the organization of the Federal Specifications Board, the purpose of which is the unification, so far as is feasible, of all Government specifications. The Board is composed of representatives designated by the various purchasing agencies of the Federal Government under the chairmanship of the Director of the Bureau of Standards.

The Board has adopted more than 70 specifications and is actively at work on many more.

It is the aim of the Board to bring the Government specifications into line with the best commercial practice. To this end all of the Board's specifications are being submitted to the American Engineering Standards Committee, at first informally, to determine their acceptability to industry and for criticism.

It is expected that in future editions many, if not most, of the specifications will go through the regular procedure of the American Engineering Standards Committee, in order that the industrial and Government specifications may be unified, resulting in truly national specifications recognized by industry and Government alike. This extremely desirable result will be welcomed by the manufacturing industries as a step of great importance, and will result in important economies to the Federal Government.

A great deal of essential work has been accomplished in securing international unitormity in the use of fundamental units and methods of measurement which are a prerequisite to nearly all phases of industrial standardization. Thus a scientific basis has been laid for international industrial standardization in the extensive use of physical and chemical units and measurements much as an alphabet forms a basis for written language. This work is being carried forward by the national standardizing laboratories of the leading industrial countries. The American laboratory is the U. S. Bureau of Standards.

The various national standardizing bodies are co-operating with each other. While this is yet of an entirely informal nature, very substantial progress has been made. This includes work on such items as ball bearings, systems of dimensional gaging, nuts and bolts and similar problems, including some work on specifications.

A second meeting of the secretaries of the national bodies has been called in Zurich, Switzerland for July third.

1922 GRAPHITE PRODUCTION

The sales of crystalline graphite in 1922 amounted to 1,849,776 pounds, valued at $85,242. This was an increase of 56 per cent in quality as compared with 1921, according to a statement given out by the Department of the Interior, through the Geological Survey. The average value of the graphite per pound was 4.6 cents in 1922, which was 1.8 cents less than in 1921.

The quantity of amorphous graphite sold was 2,200 short tons, which was an increase of 19 per cent in comparison with 1921. The quantity represents the sales of only two companies.

The Acheson Graphite Company at Niagara Falls, N. Y., reported sales of artificial graphite amounting to 13,031,926 pounds in 1922, an increase of 121 per cent as compared with 1921.

Siskiyou County Irrigation Report Filed

Development of the proposed Klamath-Shasta Irrigation project in Siskiyou county will cost from $200 to $456 an acre and possibly more, it was revealed when the U. S. Reclamation Service made public the report of its engineers, Homer J. Gault and Foster Towle.

Four plans are submitted for the proposed project, the first involving the irrigation of 65,000 acres, together with the construction of six power plants, at a total cost of $29,674,465. The other three plans do not include power projects.

Plan No. 2 calls for the irrigation of 65,000 acres at a cost of $21,392,640. Plan No. 3 contemplates irrigating 32,000 acres in the northern half of the valley for $11,014,198 and plan four is for 25,000 acres in the northern part of the valley for $5,019,770.

It is pointed out that the California-Oregon Power Company owns and operates two hydraulic plants on the Klamath river between Klamath Falls and Shasta Valley, and that any diversion for irrigation purposes would reduce the power possibilities from Klamath River between Keno and Willow Creek. Diversion for irrigation also would involve the power rights of the company at existing plants and prospective developments on which applications have been filed with the federal power commission. This might involve court action.

It is suggested in the report that in order to secure more definite information on the costs of the proposed irrigation, the district should negotiate with the power company regarding water diversion and development and marketing of power.

"Whether the irrigation project is feasible," the report says, "will depend upon the terms of such an agreement as can be reached with the power company, since without certain financial credits from power developed, the project is too costly to be feasible at present."

Plan No. 1, calling for a diversion dam in Klamath River, canals, laterals, tunnels and so forth, together with construction of six power plants, would preclude any additional development by the power company.

BETHLEHEM COMPANY TO BUILD DIESEL ENGINES

Completion of a series of exhaustive tests of a small, low pressure, full Diesel engine, embodying a new system of fuel feed and having all the advantages of the regulation Diesel is announced by the San Francisco plant of the Bethlehem Shipbuilding Corporation, together with plans for the immediate manufacture of the new engine in large quantities.

In a statement accompanying the announcement, the company points out that no improvement has been made on the method of injection and combustion of fuel in the Diesel engine since its invention, and that the high pressure necessary made the building of small engines in quantity practically impossible, due to the extreme care required in workmanship and material.

Under the new feed system, the fuel oil is injected through a stationary burner plug of simple design, placed in the cylinder head, to which oil is delivered by a small pump without any attempt at atomization. The new system, the statement declares, permits the burning of oil in small cylinders down to the size used for automobile engines and opens with it, a new field for the Diesel engine, which, with other systems, was unattainable.

The new engine works on a full Diesel principle but with low compression and low fuel oil pressures, as low as 250 pounds, and is said to be very simple in its control mechanism.

LUMBERMEN WIN RATE CUT

Rates on lumber and other forest products in carload lots from points in the Pacific Coast group to points in the Southwest were found unreasonable, unjustly discriminatory and unduly prejudicial and ordered canceled by the Interstate Commerce Commission.

New Rates were prescribed effective on or before August 11 and reparations were awarded to coast shippers for charges collected by Western carriers under the rate schedules cancelled.

The action was brought by the West Coast Lumbermen's Association and others against all Western roads. Commissioner Daniels dissented from the majority findings.

SAN FRANCISCO TO BE HUB OF STATE MAIN ROADS

Six arteries of travel will lead directly into San Francisco when the construction plans of the State Highway Commission have been carried out, according to Harvey M. Toy, chairman of the California State Highway Commission.

"The cramped transportation facilities down the peninsula will end and we will break the neck of the bottle when the new East Side highway has been completed, while roads leading down the coast from Oregon and from the East over the Victory highway will round out the series of routes into San Francisco," Toy says.

"The development of the State highway system into San Francisco is of tremendous importance to this city," says Toy. "We have heretofore been hard to reach because of transportation limitations. With the construction of the highways that the State Highway Commission has already decided upon we will come into our full share of the tourist travel, which previously has gone in other directions on better routes.

"One of the important developments that has already been decided upon by the commission is the completion of the road into the Yosemite Valley. The construction work on this highway is going to be exceedingly difficult, and will cost $800,000."

MOTOR ACT TO NET STATE $16,000,000 A YEAR

State revenues for California highway construction will amount to approximately $16,000,000 during the next fiscal year if Governor Richardson approves the motor vehicle legislation now before him, according to an estimate made by Will H. Marsh, superintendent of the State motor vehicle department.

Here is his estimate:

Gasoline tax	$11,000,000
Registration fee of $3	3,300,000
Net weight schedules	1,200,000
Duval 4 per cent bus tax	500,000
Total	$16,000,000

Within another year, Marsh predicts, increases in motor vehicle registration will swell this income figure to $18,000,000.

TRADE NOTES

The Campbell Metal Window Corporation, Baltimore, Md., has issued an attractive catalogue featuring the more important installations of the Campbell Solid Metal Double Hung Windows. In addition to containing illustrations of the larger buildings in which the windows are installed, the catalogue contains detail drawings of the construction of the product accompanied by specifications. The catalogue should prove invaluable for the library of every architect.

S. F. ARCHITECT TAKES PART IN WASHINGTON CEREMONIES

Colorful ceremonies on the broad reaches leading to the Lincoln Memorial attended the presentation in Washington on May 18, by President Harding of the American Institute of Architects' gold medal to Henry Bacon, of New York, architect of the memorial.

Standing almost within the portals of the imposing monument dedicated a year ago to the memory of the immortal Lincoln, the chief executive paid an expressive tribute to Bacon as the one who put into material form, so far as mortal man can, the loving regard of the American people for one of their greatest Presidents. After his brief address Harding formally presented to Bacon the medal which only twice in the past has been awarded by the institute to one of its members.

Soon after darkness descended upon the great granite memorial and the quiet Potomac flowing beside it, a procession representative of the groups which, together, builded the monument, passed down alongside the great reflecting pool. Burning torches illuminated the way and cast reflections in the water as the procession passed along bearing banners denoting that it was composed of architects, painters, sculptors, engineers and members of the building trades and crafts.

The procession in fact was an escort for a barge, decorated in a manner reminiscent of the State barges of olden times and carrying Bacon and William B. Faville, of San Francisco, president of the institute.

MONTEREY BUILDERS EAT

The regular monthly meeting of the Monterey County Contractors' Association was held May 23rd at Pine Inn, Carmel. An extra large attendance was on hand and interesting matters affecting the building business in the Southern California discussed.

Following the meeting the members spent the balance of the evening enjoying the specialties provided by the "chef" of the Inn.

The next meeting of the association will be held in the Knights of Pythias Hall, Monterey.

A. S. M. E. TO CLASSIFY MEMBERSHIP

A special committee on Classification of the membership of the American Society of Mechanical Engineers, with Wallace Clark as chairman, has been appointed by the Professional Division. This Committee is working on a scheme for maintaining an inexpensive but effective perpetual index of the activities and qualifications of the personnel of the society. There has been no professional classification of the activities of A. S. M. E. members since the one made for war purposes and that was a special classification for national service.

DANGER LURKS IN EXCESSIVE BORROWING, SAYS BANKER

Danger lurks in excessive borrowing resulting from the era of prosperity sweeping the country, according to a warning sounded by Henry S. McKee, president of the California Bankers' Association, in his annual address at the convention in Long Beach, Calif., May 24.

"The present period of prosperity in America seems to be unsound only to the extent that it is not evenly distributed," said McKee. "It is a prosperity of the cities, of industrial and commercial establishments, but not of the farms and producers of most of our raw materials.

"Except for this one disadvantgae, it is approximately true that everyone is reasonably prosperous. As a people we are fully and profitably employed. If we could maintain this present conditions of industrial activity undisturbed, all would be well. Such inequalities as do exist would gradually correct themselves and prosperous conditions might be expected.

In banking California three influences appear conspicious. The first of these is a perfect ferocity of competition among banks, principally taking the form of unwise and unjustified payment of interest upon deposits without intelligent discrimination.

"This present extraordinary rate of banking growth is itself the second outstanding influence; and the third is the urgent need of a greater number of men to be engaged in bank management who understand the problems and responsibilities that are confronting our banks in consequence of the abrupt transformation of California from a simple agricultural area of the past into a vast new industrial district of the future."

CEMENT COMPANY'S COMPLAINT IS DISMISSED

The California State Railroad Commission has dismissed the complaint of the Pacific Portland Cement Company, Consolidated, against the Southern Pacific Company and the Cement, Tolenas and Tidewater Railroad Company for a reduction in rates on crude lime rock from Flint to Tolenas, the rate having been reduced to 50 cents per ton, the rate asked for by complainant on March 8, 1923.

Following a hearing before the commission the Southern Pacific Company asked for authority to make reparation adjustments to a basis of 60 cents a ton against shipments of lime rock moved prior to July 1, 1922, the date when the rate was reduced from 70 cents to 60 cents. The commission authorized reparation adjustments on this basis March 26, 1923.

By the reduction of the rate to 50 cents a ton and the payment of reparation the demands of the complainant in connection with the crude lime rock rates were fully satisfied.

BIG LUMBER EXPORTS REPORTED

Steamship operators and lumber exporters at Portland, Ore., announce that approximately 100,000,000 feet of lumber valued at over $3,000,000, has been booked for movement to the Orient and Australia from the Columbia river between now and September 1

The demand for lumber is increasing rather than slackening off. If present demand holds out through the year, 1923 will be a record-breaker. Lumber booked for movement from Puget Sound for transpacific ports during the same period is estimated at 50,000,000 feet.

NEVADA MAGNESITE COMPANY ORGANIZED AT RENO

The Nevada Magnesite Products Company has been organized at Reno, Nevada. Chas. H. McCarthy is president of the company; Paul Butler, vice president; T. O. Ward, treasurer; Frank H. Norcross, secretary and Chas. E. Clough, director. The company proposes to manufacture a product to be known as "Magnum," an artificial stone made by binding a certain diatomaceous earth with magnesite which is cast into brick, tiling, pipe, boards, post ties, hollow block, etc.

Paul Butler, on whose experiments and formula the product will be made, declares the uses of the material are endless. It is very light, posesses greater tensile strength than brick and is capable of taking the polish of glass or onyx. Billiard table tops, caskets, bath tubs and sewer pipe are mentioned as a few of its possibilities.

A diatomaseous earth deposit, located about nine miles from Reno and about a half mile south of the Southern Pacific railway, furnishes the major ingredient of the proposed product and it is stated this deposit is unique since it has been overflowed by lava which sufficiently altered its nature as to make it peculiarly fitted for the use to which it will be put. The company employed Fred J. Siebert, known mining engineer, to determine its extent and reports that his measurements showed not less than 350,000 tons of this material in sight.

On the "Butler formula" the ground material is mixed with from 20 to 30 per cent magnesite and the material moulded into whatever form may be desired. The resulting forms are declared to have greater strength with half the weight of brick or tile.

SEEK MISSING ENGINEER

Who knows T. J. Garrison, man of talent and education, a surveyor, engineer and a writer?

Garrison was last heard of in Reno, Nevada, according to letters received by the district attorney in that city, from Mrs. W. C. Hawkins, Garrison's daughter, residing in Denver, Colo.

Garrison, about 75 years old, left his family in Denver many years ago and went to Belle Fourche, S. D., later going to Reno. He is six feet tall. One finger is missing from the left hand.

Mrs. Hawkins fears her father may have died in one of the mining camps of Nevada.

BIG GAIN IN ASPHALT STREETS AND ROADS

According to an announcement by J. E. Pennybacker, secretary of the Asphalt Association, New York, a total of $82,700,000 square yards of asphalt paving were laid upon American roads and streets last year. This is equivalent to 7,831 miles of highways, eighteen feet wide, and sufficient to build an asphalt road eighteen feet wide from Augusta, Me., to San Francisco, Cal., thence to New Orleans, La., and north to New York. It represents an increase of 14,000,000 square yards over the yardage laid in 1921. Last year was a record breaking year, especially in asphaltic concrete construction on the Pacific Coast, the construction of that type of road in that territory alone amounting to 49,250,000 square feet compared with 40,000,000 square feet in 1921 and 28,000,000 in 1920. The gains in asphaltic concrete surfacing on various types of bases and in asphalt and oil macadam pavements are even greater. The total area of pavements laid in 1922 in which asphalt was used on the Pacific coast amounts to 108,000,019 square feet - equivalent to 1290 miles of a sixteen foot highway.

"BUILD IN 1924" IS SLOGAN OF CHICAGO BANKER

The building industry was described as the "pinch hitter" in the present wave of business prosperity, by George Woodruff, vice president of the National Bank of the Republic, speaking before representatives of the building trades in Chicago.

"Upon the intelligence, team work and vision of American builders now depends the immediate continued prosperity of the Nation," he said.

Woodruff advocated the adoption of the slogan "build in 1924" by the building industry itself, pointing out that this would have the effect of keeping down prices in 1923 and forestall the threatened buyers' strike in the building industry, which, he said, would be unfortunate for the country as the industry is the backbone of the present boom.

"Many of our pressing needs, due to war curtailment, have now about been filled," he said, "and the great activity of the building industry remains as the one most important factor in prolonging our present lively domestic trade.

"If the building industry is able to tide us over into 1924, we may find that a settlement of European social and political questions will make possible the sale of larger amounts of foreign securities to American investors, and the proceeds of the sale of these securities would be used by Europe for the purchase of American goods."

He warned that a building slump now would cause prospective builders to wait for "bottom prices."

CHECK BUILDING PROGRAM OR FACE CRASH, SAYS CONSTRUCTION CHIEF

The present unparalleled building expansion, unless checked, will collapse with a crash that will carry serious injury to all lines of the country's industry and commerce, now at a high level of prosperity.

This prediction was made by General R. C. Marshall Jr., general manager of the Associated General Contractors of America, in explaining why the American construction council has launched a campaign to restrict building.

Marshall, however, is hopeful that the program will be checked before a toppling peak is reached.

"So far the appeal for the deferment of construction, wherever possible, has been generally responded to," he said. "Hundreds of millions of projects have been held up and the present prospect is bright that we shall be able to flatten out the ominous impending peak."

Secretary of Commerce Hoover states that building has slackened recently, according to reports to his department. Further than this he declined to comment on Marshall's prediction or on the restrictive campaign of the American Construction Council. Hoover said, however, that he agreed with Secretary of the Treasury Mellon and members of the Federal Resere Advisory Council that business throughout the country is now on a sound basis.

PAUL GOTTLIEB DEAD

Paul Gottlieb, a member of the glass firm of Schwarz & Gottlieb, San Francisco, died in Chicago, May 26, while on his way with the Shriners to Washington, D. C., for the National Shrine Conclave. Gottlieb dropped dead in the Union Station while waiting to board a train for the convention city. Death was due to heart trouble. Gottlieb was 49 years old, a native of Austria. He had been in San Francisco for more than thirty years.

CIVIL SERVICE EXAMINATIONS

The United States Civil Service Commission announces the following open competitive examinatjons:

Marble polisher; $840 and bonus a year; vacancy in custodian service, San Francisco.

General mechanic; $720 to $1000 and bonus a year; vacancies in departmental and Indian services.

Transitman; $100 to $150 per month; vacancies in general land office service in the field.

Extension forester; $3000 to $4000 a year; vacancies in office of co-operative extension work, Wasbington, D. C.

Technical patent expert; $2400 to $3600 a year; vacancy in office of chief of ordnance, war department, Washington, D. C.

Junior mechanical engineer; $1500 to $1800 a year and bonus; vacancies in national advisory committee for aeronautics, Langley Field, Hampton, Virginia.

Junior irrigation engineer; $1200 to $1400 a year and bonus.

Junior civil engineer; $1200 to $1400 a year and bonus; vacancies in reclamation service.

Irrigation engineer; $2400 to $3600 a year.

Civil engineer; $2400 to $3600 a year.

Assistant irrigation engineer $1600 to $2280 a year.

Assistant civil engineer; $1500 to $2280 a year; vacancies in reclamation service.

Further information may be had from the offices of the Commission at Washington, D. C., or branch offices in the Post Office building in the principal cities.

LUMBER MILLS PRODUCING ABOVE NORMAL

One hundred and thirty-one mills reporting to West Coast Lumbermen's Association for the week ending May 19, manufactured 103,770,264 feet of lumber, sold 97,972,346 feet, and shipped 99,070,507 feet.

Production for reporting mills was 18 per cent above normal. New business was 6 per cent below production. Shipments were 1 per cent above new business.

Thirty-nine per cent of all new business taken during the week was for future water delivery. This amounted to 37,935,573 feet, of which 26,152,323 feet was for domestic cargo delivery; and 11,783,250 feet export. New business for delivery by rail amounted to 1836 cars.

Thirty per cent of the week's lumber shipments moved by water. This amounted to 29,823,734 feet, of which 20,535,810 feet moved coastwise and intercoastal, and 9,287,924 feet overseas. Rail shipments totaled 2143 cars.

Local auto and team deliveries totaled 4,956,773 feet.

Unfilled domestic cargo orders total 169,276,948 feet. Unfilled export orders, 84,310,431 feet. Unfilled rail trade orders 2832 cars.

In the first 20 weeks of the year production reported to West Coast Lumbermen's Association has been 1,934,190,767 feet, new business 2,119,346,290 feet, and shipments 2,179,610,203 feet.

MARCH ELECTRICAL OUTPUT

United States Geological Survey announces public utility power plants in the United States produced 4,710,609,000 kilowatt hours of electricity in March, of which 3,013,248,000 were produced by water power and 1,697,361,000 by fuels.

To produce this amount, 3,349,978 tons of coal, 1,190,495 barrels of fuel oil, and 2,271,980,000 cubic feet of natural gas were required.

PRODUCERS AND CONSUMERS OF REFRACTORIES USED IN STEEL MANUFACTURING CONFER

In response to the request of prominent manufacturers and users of sleeves, nozzles and stoppers required in steel making, the Division of Simplified Practice of the Department of Commerce called a meeting of all interests concerned on May 21st. The American Foundrymen's Association had adopted 6 nozzles, 9 sleeves and 1 stopper as standard at its convention on October 17th, 1918, but these standard types and sizes have not been widely recognized throughout the steel industry, as is shown by the fact that there are now close to 300 types and sizes of these refractories on the market. This great variety complicates production, hinders efficient distribution, and retards service until now both the producers and the consumers favor applying simplified practice,—or the elimination of the superfluous and excessive varieties, and the retention of these types and sizes in proven greatest demand.

Those present at recent conference, acting as a committee of the whole passed the following resolution expressive of that desire.

"Whereas, at a preliminary meeting at the Department of Commerce held this day (May 21st, 1923) between representatives of the manufacturers and of the consumers of sleeves, nozzles, stoppers, and also runner brick,—it was the consensus of opinion that it would be advantageous to both consumers and manufacturers if some action could be taken looking toward the simplification and standardization of these commodities.

"Be it resolved that the Department of Commerce be, and is hereby, asked to call a general conference consisting of representatives of the users and manufacturers of the commodities above named for the purpose of considering what steps would be most advisable in correlating present data concerning the number and types of these articles in common use, and what can be accomplished toward their simplification and standardization."

It was recommended the next meeting be held June 18 in Washington, D. C., and all present pledged themselves to do all possible to arouse the interest in this possible avenue for the elimination of waste that would insure a large representation of the steel and the refractories industries on that date.

FEDERAL AID FOR VICTORY HIGHWAY ASSURED

Federal aid in the construction of the Victory Highway from Salt Lake City through Nevada to Sacramento and San Francisco has been provided for, according to advices from Washington.

The ruling brings to a close a fight that has been waging for several years as to whether the federal government would join forces with the Victory proponents or with the route advocated by the Lincoln Highway Association. The opinion follows an inspection made by engineers of the federal bureau of roads, and after consideration of all details that were brought out at the public hearing attended by representatives of California, Utah and Nevada.

Provisions for an expenditure of $75,000 from the national Forest Highway Fund on the Crescent City-Grants Pass road in Del Norte county between the Oregon State line and the tunnel site and $143,000 for thirteen miles of the Yuba Pass highway in Sierra county between Gold Lake road junction and Sattley in the Sierra National Forest, have also been provided for.

PERMITS GRANTED FOR POWER DEVELOPMENTS

The Federal Power Commission has issued to the Mount Shasta Power Corporation, a subsidiary of the Pacific Gas & Electric Company, a license for fifty years for the Pit No. 3 unit and a preliminary permit for two and one-half years for Pit No. 4 unit, both projects being on the Pit River in the Shasta and Lassen national forests near Redding.

These projects include a storage reservoir created by a dam 100 feet high, and a pressure tunnel about four miles long to supply water to a power plant of 99,000 horsepower installed capacity operating under a head of 307 feet.

Immediately below this power plant a diversion dam will be built together with a pressure tunnel about three miles long which will supply water to power houses of 53,000 horsepower installed capacity to operate under a head of 233 feet.

The generated powr will be conveyed by means of a 220,000-volt transmission line to the line running from the Hat Creek plants of the company to Cottonwood. These two plants form two units of a proposed five-unit development on Pit River designed to make use of all the available fall in the river from Fall River Mills to Montgomery Creek, a distance of sixty miles. One of the five plants is now in operation.

The commission also issued to P. B. Cross a preliminary permit for eighteen months for a power project involving development of about 1200 horsepower on Deer Creek in Tehama County.

The Construction Company of North America has applied to the commission for a preliminary permit for a project which contemplates construction of a dam in the Mokelumne River in Amador and Calaveras counties, with a tunnel one and one-half miles long leading to a power house in the basin of Dry Creek.

A second dam would be built in Dry Creek, creating a large reservoir which would serve to store the flood waters of the Mokelumne for irrigation use.

BILL PROTECTS WORKMEN

Extension of the provisions of workmen's compensation was effected with the signing by Governor Friend W. Richardson of Assembly Bill No. 142, providing for attachment proceeding by the industrial accident commission against employers who fail to take out insurance to protect their employes.

The measure was introduced by Assemblyman George A. Dean of San Joaquin County. It permits the commission to apply for a writ of attachment, where compensation insurance is not carried, to collect amounts due the injured employe under the workmen's compensation act.

"Under the present law there has grown up some very bad abuses," said a statement issued by the governor. "In a case in Los Angeles a carpenter was injured in a restaurant, and before he could prosecute the claim, the proprietor of the restaurant sold out and left the state. In another case a boy in Oakland was injured in a butcher shop. The butcher had no insurance and before the case could be heard, the butcher sold out and left for another state.

"It is hoped that this bill will rectify these wrongs by making it possible for the industrial accident commission to at once levy an attachment upon such employers and thus prevent such abuses and wrongs as are enumerated above."

U. S. Building Operations are Menaced by Inflated Costs, is Report

(By W. S. Cousins, in S. F. Call, Copyright, 1923, by Cosmopolitan News Service)

The United States today faces a building crisis. If inflation costs, both as to materials and as to labor, continue unfettered, then the building mushroom is due to be flattened out like a fritter.

There has been prompt prevention action in some large cities, but in other sections the matter has not been taken seriously. Where conditions have been remedied is in those sections where there has been reasonable postponement of new building projects which are not urgent—thus relieving the competition for labor and building materials—a curtailment of speculative building and a refusal by large builders to be stampeded into paying higher prices for construction materials and building supplies.

Leading the way in the campaign for sensible building at reasonable costs is the American Construction Council, directed by Franklin D. Roosevelt.

This council has sought to co-ordinate the various branches and affiliations of the building industry, particularly the labor leaders and dealers in building materials, and for the first time since the close of the war there is a good measure of harmony and unanimity between them and employing contractors.

The universal need of housing in every section of the country has been one of the outstanding factors of the post-war period.

Vast areas of heretofore "outlying sections" have been incorporated into adjoining towns and cities through the necessity of providing for new dwellings. The result has been a boom in real estate as well as in building, and inflated land adds to the cost of building construction.

The nation wide conference on building, held in New York last week, participated in by contractors, manufacturers, labor leaders and others, published as its conclusion that if the demand for new structures continues at the present rate production facilities will be inadequate and the cost of construction will mount to a prohibitive level.

The factors upon which their conclusions are based are, briefly, as follows:

First—The volume of construction projected so far this year exceeded the volume of the same period last year by more than 40 per cent, while production of building materials is limited by both labor supplies and inadequate transportation.

Second—Stocks of building material on hand are lower than last year.

Third—Commercial prices are rapidly rising and contractors in different parts of the country report that jobbers and manufactureres are unable to maintain their quotations for any length of time.

Fourth—Labor rates are rapidly increasing and the building employers are placed in the position of bidding for services and paying bonuses as in 1919.

Louis Horowitz, president of the Thompson Starrett Company, says that in his opinion "prudence demands that all building operations which can conveniently be delayed should be postponed and only justification for starting a building project today is that the consequences of not building are more desperate than proceeding under present inflated market conditions for both labor and material."

HARDWARE MEN TO MEET AT RICHMOND, VA.

The Annual Congress of the National Retail Hardware Association, in Richmond, Virginia, June 19-22, will be of unusual interest and importance because of the serious effort it will make to analyze distribution costs, the question most conspicuously before the trade and the public today; and because of the opportunity for joint study of hardware trade problems by all factors—manufacturers, wholesalers and retailers.

The subject of distribution costs will be approached from all angles in an earnest endeavor to determine the reason for the seemingly great spread between production cost and consumer price; to discover whether or not there are leaks along the distribution channel, and if there are leaks, how they may be stopped; to determine if any of the factors are rendering excessive or unnecessarily expensive service and, if so, the remedy therefor.

In the presentation of the various phases the congress will have the service of trade leaders, speakers of national reputation and disinterested students.

The American Hardware Manufacturers' Association will hold a convention at Richmond at the same time, this association having decided at the Atlantic City convention last fall to meet in Richmond concurrently with the retailer's organization in the interest of establishing closer contact with consumers through a more intimate relationship with the final distributors of hardware manufacturers.

TIMBER SALE

Three hundred and thirty-four million cubic feet of pulpwood timber, located in the Tongass National Forest, Alaska, is being offered for sale by the United States Forest Service. Two bodies of timber are involved, the smaller near Cascade Creek, on Thomas Bay, one of the best water-power streams in the Territory, and the other 40 miles distant on Kupreanof and Kuin Islands. Sheltered waterways afford a cheap and easy method of towing the logs to the mill.

The stand to be cut is 75 per cent Western hemlock and 25 per cent Sitka spruce. The minimum price set per hundred cubic feet is 60 cents for spruce and 30 cents for hemlock. The final date for receipt of bids by the District Forester, Juneau, Alaska, is July 31.

Alaska, experts state, can easily supply, under conservative forestry methods of lumbering, one-third of the paper needs of the United States.

FIRST STEEL PRODUCTION

The first steel produced in the United States, according to the Geological Survey, Department of the Interior, was probably made in Connecticut in 1728, by Samuel Higley and Joseph Dewey. Crucible steel was first successfully produced in the United States in 1832 at the works of William and John H. Garrard, at Cincinnati, Ohio. Bessemer steel was first made in this country in September, 1864, by William E. Durfee, at an experimental plant at Wyandotte, Mich., and open-hearth steel in 1864 by the New Jersey Steel & Iron Co., at Trenton, N. J.

1922 STONE PRODUCTION SHOWS HEALTHY INCREASE

The stone produced in the United States in 1922 amounted to about 81,000,000 short tons, valued at $118,500,000, according to an estimate given out by the Department of the Interior from figures compiled by the Geological Survey. These figures show an increase of about 27 per cent in quantity and 11 per cent in value over the output in 1921. There was a good demand during the year for nearly all kinds of stone, but the production of monumental and building stone, paving blocks, curbstone, and flagstone was somewhat restricted by labor troubles, which caused the closing of quarries and cutting plants, especially at the principal granite centers in the New England States. Trouble was also experienced in getting transportation for crushed stone and other stone products. The cost of quarrying was somewhat less in 1922 than in 1921, and prices were lower.

Building stone was in good demand, as is shown by an increase of 81 per cent in the output of limestone from the Bedford-Bloomington district, in Lawrence and Monroe counties, Indiana. This large increase was not shown throughout the country, but increases in other districts, in limestone, sandstone, and marble, and to a less extent in granite used as building stone indicated an output of 23,000,000 cubic feet—a total increase in 1922 of 35 per cent.

The stone sold for manumental work was apparently about the same as in 1921, but there was a decrease in the output of granite and an inerease in that of marble.

Granite for paving blocks decreased about 20 per cent in quantity in 1922 as compared with 1921.

There was an increase in the quantity of stone sold for curbstone, flagstone, and rubble, but a decrease in the quantity of that used for riprap.

The production of crushed stone, which represents over 50 per cent of the stone quarried, was estimated at 52,600,000 short tons in 1922, an increase of about 22 per cent. Crushed stone sold for use in road matel and in all kinds of concrete work increased about 24 per cent and stone sold for railroad ballast about 13 per cent.

The revival in 1922 of the metal-smelting industry increased the demand for stone for use as flux over 74 per cent. The estimated quantity of stone used for this purpose in 1922 was 18,595,000 short tons.

The stone sold for use as refractory material also increased in 1922 as did the stone, chiefly limestone, sold for used in the chemical industries.

The quantity of pulverized limestone sold for use in liming farm land was estimated at 1,180,000 short tons, a decrease of 10 per cent from 1921.

STATE HIGHWAY CONTRACTOR TO SUE FOR PAYMENTS

Attorneys for the state highway commission have served a writ of mandate on State Controller Ray L. Riley in an effort to compel him to approve a claim of 125 thousand dollars of the George G. Pollock Construction Company claimed as a compromise after the Pollock contract for construction of the San Simeon road in Monterey county had been cancelled by the highway commission.

Controller Riley refuses to honor the warrant on the ground that highway funds, obtained from a bond issue by the people, cannot be used to pay for work not performed. A hearing on the writ will be held in Los Angeles on June 11.

American Road Builders Elect Officers

Announcement of the election of new officers and directors and decision by the new Board of Directors as to the time of the next convention and National Good Roads Show were the chief features of the annual meeting of the American Road Builders' Association held in New York, May 15. Reports were received from the Executive Committee, the Treasurer and the Convention Committee. The latter was accompanied by a financial statement, audited by Haskins & Sells, certified public accountants, and showed that the receipts from the sale of exhibition space were $62,824.77 and the disbursements, $56,332.81, leaving a gross profit of $6,491.96.

The new officers and directors are: President, Frank Page, Chairman, State Highway Commission, Raleigh, N. C.; Vice- President, Northeastern Dist., E. L. Powers, Editor "Good Roads," New York City; Vice-Pres., Southern Dist., W. S. Keller, State Highway Engr., Montgomery, Ala.; Vice-Pres., Central Dist., S. F. Beatty, Vice-Pres., Austin-Western Road Machinery Co., Chicago, Ill.; Vice-Pres., Western Dist., Samuel Hill, Hon. Life Pres., Washington State Good Roads Assn., Seattle, Wash.; Treasurer, James H. McDonald, Consulting Road and Paving Expert, New Haven, Conn.

Directors for one year: J. R. Draney, Sales Mgr., U. S. Asphalt Refining Co., New York City; Frank T. Sheets, Supt. of Highways, Dept. of Pub. Wks. & Bldgs., Springfield, Ill.; W. A. Van Duzer, Asst. Maint. Engr., State Highway Department, Harrisburg, Pa.

Directors for two years: C. M. Babcock, Commissioner of Highways, St. Paul, Minn.; H. K. Bishop, Chief, Div. of Const., Bureau of Public Roads, Washington, D. C.; H. S. Carpenter, Deputy Minister of Highways, Regina, Sask., Canada; J. H. Cranford, Pres., Cranford Paving Co., Washington, D. C.; E. J. Mehren, Editor "Engineering News-Record," New York City; I. W. Patterson, Chief Engr., State Bd. of Public Roads, Providence, R. I.; Wm. R. Smith, Pres., Lane Construction Corp., Meriden, Conn.

Directors for three years: Will P. Blair, Vice-Pres., National Paving Brick Mfrs. Assn., Cleveland, O.; R. Keith Compton, Chamn., Paving Commission, Baltimore, Md., S. T Henry, Vice-Pres., Allied Machinery Co. of America, New York City; Fred A. Reimer, Engr., The Asphalt Assn., Newark, N. J.; H. G Shirley, Chmn., State Highway Commission, Richmond, Va.; Frank Terrace, Pres., Washington State Good Roads Assn., Orillia, Wash.; Chas. M. Upham, State Highway Engr., Raleigh, N. C.

Following the close of the annual meeting, the new Board of Directors met, elected Ethel A. Birchland, Secretary pro tem, and one executive committee, consisting of Thomas J. Wasser, S. T. Henry and William R. Smith, with the president and the treasurer as members ex-officio.

The board then took under advisement arrangements for the next convention and National Good Roads Show. Chicago was selected as the place of meeting and Jauary 13 to 19, 1924, as the dates. The previous board had referred to the new administration a proposal made by the Highway Industries Exhibitors Association to the effect that the Exhibitors Association conduct the next show, but in the name of the American Road Builders' Association, and turn over to the latter out of the profits a sum, to be agreed upon, to cover the expenses of running that organization. This proposal was amplified and explained by S. F. Beatty, president of the Highway Industries Exhibitors Association and a vice-president, also, of the American Road Builders' Association. A thorough discussion of the proposal followed, terminating in the adoption, unanimously, of a motion to the effect that the American Road Builders' Association should conduct the 1924 National Good Roads Show, but in so doing should seek the co-operation of the Highway Industries Exhibitors Association. Authority for making detailed arrangements with the Exhibitors Association rests in the hands of the executive committee of the American Road Builders' Association.

The sessions were concluded with a get-together dinner, at which the chief address, an results of the Connecticut traffic survey, was made by Thomas H. MacDonald, Chief of the Bureau of Public Roads.

LEAVE IT TO THE ENGINEER FOR SOLUTION

Trust the engineer's mind to run to cuts and fills. He sees the alternating hills and valleys thus made into a level road.

Turn an engineer loose on the nation's business, and he naturally looks over the hills and dales that a curve of business activity makes, and schemes on a plan for cutting from the prosperity peaks and using the material for a fill to relieve the worst part of the depression valley.

Herbert Hoover, writing an introduction for "The Stabilization of Business," very recently published, says, "We are constantly reminded by some of the economists and business men that the fluctuation of the business cycle is inevitable; that there is an ebb and flow in the demand for services and commodities which cannot from the nature of things be regulated. I have great doubts whether there is a real foundation for this view. Thirty years ago our business community considered that a cyclical financial panic was inevitable. We know now that many of our industries are themselves finding methods for insuring more continuous operation of their plants during these ebbs and flows of demand."—American Contractor.

ELECTRICAL GOODS EXPORTS SHOW INCREASE

Advancing exports of electrical goods are reflected in figures for March compiled by the CommerceDepartment. Preliminary figures for the month just available give the exports of electrical goods as $6,344,842, which shows a considerable increase over both the preceding month and the same month last year. It is also very nearly as great as the total for January, 1913.

For the first three months of 1923 the country's exports of electrical goods totaled $17,585,523, as compared with $14,199,436 for the first quarter of 1922.

Practically all classes of electrical goods have maintained their position, very few showing decreases over the preceding month. Gains have been small in apparatus lines, but have been more marked in supply and appliance items. Electric locomotive exports for the month were $474,098, as compared with nothing for the previous month and with $874,879 of January of this year.

Fans, radio materials, wiring supplies and insulated copper wire and cable all showed steady gains. The increase in fans and various domestic electric appliances marks the seasonal buying from the Southern Hemisphere.

Building News Section

APARTMENTS

Contract Awarded.
STORES & APTS. Cost, $75,000
SANTA ROSA, Sonoma Co., Fourth St.
Two-story concrete (5) stores and (12) apartments, 85 by 100 ft.
Owner — Max Rosenberg, Rosenberg Bldg., Santa Rosa, Calif.
Contractor—W. L. Proctor, Rosenberg Bldg., Santa Rosa, Calif.

To Be Done By Day's Work and Sub-Contracts.
APARTMENTS Cost, $75,000
SAN FRANCISCO, N Geary St., 137-5 W Hyde.
Five-story and basement concrete apt. bldg. (23 apts.)
Owner—Daniel McKillop, 540 Cole St., San Francisco.

Segregated Figures to be Taken in Three Weeks.
APARTMENTS Cost, $130,000
SAN JOSE, Santa Clara Co., Cal. No. 231 S-Market St.
Four-story reinforced concrete Class A hotel-apartment building (48 2 and 3-room apts. with 2 bath each; roof garden, swimming pool and 20 garages).
Owner — M. L. Rose Co., llc., Pacific Bldg., San Francisco.
Architect—Owner.

Excavating & Concrete Contracts Awarded—Segregated Figures Being Taken.
APT. BLDG. Cost, $250,000
SAN FRANCISCO, NE Pacific Ave. & Gough.
Eight-story and basement class A apt. bldg., 18 7-room apts. (3 bathrooms to each apt.)
Owner—G. W. Burnett, 815 O'Farrell St., San Francisco.
Architect—Edw. E. Young, 2002 California St., S. F.
Engineer—H. J. Brunnier, Sharon Bldg. San Francisco.
Excavating awarded to H. McClure, 608 Octavia St.
Concrete work to D. Seghieri & Co., 35 Cook St.

Plans Being Figured.
APARTMENT HOUSE Cost $35,000
SAN FRANCISCO, N Jackson St. 55 W Laguna.
Three-story frame apartment house (37 room apartment).
Owner—Withheld.
Architect—C. A. Meussdorffer, Humboldt Bank Bldg., San Francisco.

Plans Being Prepared.
APARTMENTS Cost, $100,000
SAN FRANCISCO. Sutter and Leavenworth Sts.
Six-story fireproof apartment house.
Owner—Withheld.
Architect—Willis E. Hudson, Chronicle Bldg., San Francisco.

Plans Completed.
ALTERATIONS Cost, $20,000
SAN FRANCISCO, N Haight St. 105 E Broderick.
Alter 2 frame buildings into apts.
Owner—V. U. Imchenetzky, 2966 Clay St., San Francisco.
Architect—A. Toluboff, 1915 Baker St., San Francisco.

LOS ANGELES, Cal. — Howard J. Lainson, 6522 Estrella Ave., will erect a brick apt. house on Mauhert Ave., near Vermont Ave. for himself. It will contain 64 rooms, 32 apts., 4-story, 102x83 ft., brick walls, press. brick facing, comp. rfg., pine trim, wall beds, tiled baths; $65,000.

GLENDALE, L. A. Co., Cal.—May & Hellman, 109 N Maryland Ave., Glendale, have completed plans and are taking bids for 3-story brick store and apt. bldg. at n.e. cor. Maryland and Broadway, for H. S. Burns and S. P. Davis; 50x133 ft.; press. brick fronts with terra cotta trim, comp. roof, structural steel, marble entrance, plate glass, 22 apt. suites, disap. beds., hardwood fls., unit hot water and htg. sys.; $100,000. May & Hellman have contr. for found. and basement.

LOS ANGELES, Cal.—Fickett & McFadden, 220 Wilshire Bldg., 6th and Western Ave., have the contr. at $53,000 for the erection of a 36-room apt. bldg. at San Marino and Serrano Aves., for J. B. Well. It will contain 6 apts., of 6-rms. each; stucco, 3-story, tile and comp. rfg., hardwood fls., 2 tile baths in each apt., gas unit htg. sys., unit storage water htr., art stone mantels, ornam. iron; plans by Archt. H. M. Banfield and H. A. Welch, assoc.

BONDS

MODESTO, Stanislaus Co., Cal.—Until June 12, bids will be rec. by county supervisors for purchase of $12,000 bond issue of Mountain View School District; proceeds of sale to finance school improvements.

MODESTO, Stanislaus Co., Cal.—Bids will be rec. by county supervisors for purchase of $15,500 bond issue of the Laird School District; proceeds of sale to finance school improvements.

FRESNO, Fresno Co., Cal.—Election will be held June 15 in Franklin School District to vote bonds of $16,000 to finance construction of new school. Trustees of district are: A. G. Fisher, E. R. Eichner and B. E. Newman.

SANTA MONICA, L. A. Co., Cal.—Bd. of Education has decided that a bond issue of $1,300,000 is needed for new school facilities next year. H. M. Rebok, supt. The program as tentatively outlined provides for 11 new class rooms at at McKinley school at an expenditure of $80,000, the erection of a new high class bldg. of 12 rooms to replace the Lincoln bldg., a frame structure which is outworn, the board held, at a cost of $150,000; 6 new class rms. and provision for a lunch rm. at the Grant schools, at a cost of $50,000; a bldg. of 6 rms. on the new site at Montana and 24th, at a cost of $56,000; a new school plant to replace the Roosevelt school, at a total cost of $200,000; improvement and development of school playgrounds, $85,000, and improvements and additions to the high school, $572,000.

C. H. BROWN
Plaster Contractor
220 S. TWELFTH ST.
Richmond, California
PHONE RICHMOND 1035

BAKERSFIELD, Kern Co., Cal. — Election will be held June 1 in Ordena School District to vote bonds of $25,000 to finance construction of new school. Trustees of district are: Fred Rollin, Mary E. Cobb and Mrs. Edna Hill.

LOS GATOS, Santa Clara Co., Cal.—Los Gatos Union High School District will vote June 19 question of issuing bonds of $250,000 to finance construction of new high school. Will be of concrete construction with manual training and domestic science departments and auditorium. Main building will contain 20 classrooms.

OROVILLE, Butte Co., Cal.—Election will be held June 2 in Oroville School District to vote tax of $15,000 to finance school improvements. W. W. Reece, secretary of district.

SAN DIEGO, Cal.—The board of education has ordered the purchase of two lots opposite the Memorial junior high school and will get plans started shortly for bldgs. on the site. It is proposed to attempt the floating of a $1,500,000 school bond issue next fall.

CHURCHES

Plans Ready For Figures.
REINF. CONCRETE Cost, $50,000
BERKELEY, Alameda Co., Cal., Colusa and San Pedro.
Reinforced concrete church.
Owner—Thousand Oaks Baptist Church (Albert Ehrgott, pastor).
Architect — Miss Julia Morgan, Merchants Exchange Bldg., S. F.
Figures will be taken from a selected list of contractors.

Contracts Awarded.
CHURCH Cost, $41,000
STOCKTON, San Joaquin Co., Cal., Center & Flora Sts.
Brick and concrete church (1st unit).
Owner—First Church of Christ Scientist.
Architect—Glenn Allen, 37 Aurora St., Stockton.
Brick and concrete work to Frederickson Bros., Yosemite Bldg., Stockton
Carpenter work to Joe Chirhart, 635 W Park St., Stockton.
Iron work to Shrader Iron Works, S. F.
Plastering to Perry Bros.
Plumbing, heating and ventilating to Miller-Hays Co., 125 N Calif. St., Stockton.
Elec. work to M. W. Hild, 517 E Market St., Stockton.

Plans To Be Prepared.
CHURCH Cost, $2,000,000
SAN FRANCISCO, Block bounded by Jones, California, Taylor and Sacramento.
Class A stone church (foundation and basement built several years ago.)
Owner—Grace Cathedral.
Architect—Lewis P. Hobart, Crocker Bldg., San Francisco.

LOS ANGELES, Cal.—Archt. H. M. Patterson, 325 O. T. Johnson Bldg., has been commissioned to prepare plans for a new church to be erected at 53rd St. and Vermont Ave. for Vermont Ave. Presbyterian church. Two-story and basement, 70x110 ft., brick constr., cast stone trim, tile or slate rfg., art glass, pine trim, oak and pine fls., heating and ventilating; $70,000.

DINUBA, Tulare Co., Cal.—Friend & Kimzey, architectural designers, Dinuba, have completed preliminary plans for a community hospital; est. cost, $50,000. Project will be finance by Chamber of Commerce Community Hospital Committee, headed by Dr. R. E. Morton, Dinuba. Will be two story and basement structure.

After years of experience New York found the best way to protect STEEL SASH against RUST was to HOT GALVANIZE it.

The owners of these buildings are profiting by that experience and the Steel Sash shown here was Hot Galvanized by the SAN FRANCISCO GALVANIZING WORKS, 1176-1180 Harrison Street, San Francisco, Calif.

PORTLAND, Ore. — The Servite Fathers have taken an option on sixty acres of land on the outskirts of Portland and propose to erect a group of sanctuary buildings costing in the neighborhood of $7,000,000. Present plans contemplate the erection of eight buildings, comprising the monastery and chapels grouped about the cathedral, the main building. Construction will be of stone, finished with marble.

LOS ANGELES, Cal.—Archts. Russell & Alpaugh, 1106 Story Bldg., have been commissioned to prepare plans and spec. for a new synagogue to be erected on Manhattan Pl., bet. 6th St. and Wilshire Blvd. for Temple Eman-U-El congregation. It will be 1-story and basement, 100x125 ft., brick constr., face brick and terra cotta exter., tile rfg., art glass, heating and ventilating; $125,000.

ST. HELENS, Ore.—Archts. DeYoung and Roald, Spalding Bldg., Portland, taking bids for 2-story and base., L-shaped 40x60 ft. and 36x90 ft., concrete and frame church for Methodist Congregation; est. cost $25,000. Auditorium will seat 200 and Sunday school rooms 200. Hot air heating system.

WHITTIER, L. A. Co., Cal.—Archt. Arthur W. Angel, 2136 E 1st St., Los Angeles and Rollin S. Tuttle, cons. archt. of Oakland, have completed tentative plans for a $75,000 church bldg. which Plymouth Congregational Church will erect after final arrangements are completed at general church meeting, June 6. The bldg. will be erected on the present site at Bright Ave. and College St. The proposed bldg. will house the growing church school and will contain gymnasium, Sunday school rms., dining rm., offices, motion picture rm., men's and women's special rms., babies rms., etc.

FRESNO, Fresno Co., Cal.—Bethel A. M. E. Church, G and Tuolumne Sts., Fresno, has appointed building committee to secure plans for a $12,000 church building to be erected at San Joaquin and E streets. Rev. C. C. Carter, pastor.

FACTORIES & WAREHOUSES

Sub-Contracts Awarded—Bids To Be Taken Shortly For Plumbing, Electrical Work, Painting, Etc.
ADDITION Cost, $75,000
SAN FRANCISCO, 17th & Sanchez Sts.
Two-story reinforced concrete addition to laundry.
Owner—New Method Laundry Co.
Engineer—T. Ronneberg, Crocker Bldg. San Francisco.
Contractor—R. McLeran & Co., Hearst Bldg., San Francisco.
Reinforcing steel awarded to Edw. L. Soule, Rialto Bldg.
Structural steel to Western Iron Works
Elevators to Spencer Elevator Co.
Metal Windows to U. S. Metal Products Co., 330 10th St.
Lumber to Loop Lumber Co., Central Basin.

Sub-Figures To Be Taken In a Week.
LOFT BLDG. Cost, $140,000
SAN FRANCISCO, 2nd St. nr. Harrison. building.
Owner—R. McLeran Co., Hearst Bldg., San Francisco.
Engineer—T. Ronneberg, Crocker Bldg, San Francisco.
Contractors—Owners.
Excavating is now under way.

Plans Being Prepared—Cont. Awarded.
FACTORY & WAREHOUSE $60,000
SAN FRANCISCO, 17th and Connecticut Streets.
One-story reinforced concrete factory and warehouse.
Owner—Hollingshead Co.
Designer—Eng. Dept. of owner.
Contractor—Geo. Wagner, 251 Kearny St., San Francisco.

Plans Completed.
WAREHOUSE Cost, $25,000
SAN FRANCISCO, SW 2nd and Tabor Place.
Two-story class C warehouse.
Lessee—Palm Olive Soap Co.
Owner—Macdonald & Kahn, 130 Montgomery St., San Francisco.
Architect—S. Heiman, 57 Post St., S. F.

PHOENIX SIDEWALK LIGHT CO.
Monadnock Building

San Francisco, May 24, 1923.

Mr. Clarence Sand Pratt, Pres.,
Pratt Rock & Gravel Co.,
Hearst Bldg.

Dear Sir:—I desire to submit the following name in your contest for naming the new crushed rock to come from Prattrock:

"Prattco Crushed Dredgerock"

I hope I win the $100.00 worth of 7% preferred stock and the $50.00 worth of common stock in the Pratt Rock & Gravel Co. Also the carload of your clean, sharp sand.

Yours very truly
H. E. SIMPTON, Manager.

INTERNATIONAL TIME RECORDING COMPANY
Fred W. Knipscher, Sales Manager

San Francisco, May 23, 1923

Clarence Sand Pratt, President,
Pratt Building Material Co.,
Pratt Rock & Gravel Co.,
518 Hearst Building.

Dear Sir:—I submit as a name for your new crushed rock and gravel from Prattrock, near Folsom, on the Placerville-Tahoe Highway the following:

"Folsomstone"

I would like to win either the $100.00 worth of preferred stock, the $50.00 worth of common stock, the $50.00 carload of crushed rock, the $35.00 carload of your famous sand or your $15.00 traffic book—"Pratt's Shippers' Record Book."

Yours truly,
FRED W. KNIPSCHER.

HENRY COWELL LIME & CEMENT CO.
2 Market Street

San Francisco, May 23, 1923.

Mr. Sandy Pratt,
Pratt Rock & Gravel Co.

Dear Sir:—I submit as a name for your new product (crushed rock and crushed gravel) from Prattrock, Sacramento County:

"Prattsac" Rock

Very truly,
H. D. POITRAS.

HERE ARE three names.
• • •
ALL ARE good.
• • •
MANY MORE names.
• • •
ARE COMING in daily.
• • •
TO CLARENCE Sand Pratt, President.
• • •
OF THE Pratt Building Material Co.
• • •
DOUGLAS 300—"easy to remember."
• • •
AND SEVERAL people.
• • •
ARE GOING to win $250.00.
• • •
WITH NO cost to them.
• • •
THE FIRST prize is.
• • •
$100.00 WORTH.
• • •
OF 7% preferred stock.
• • •
IN SANDY Pratt's new company.
• • •
THE PRATT Rock & Gravel Co.
• • •
THE NEXT prize is.
• • •
$50.00 WORTH of common stock.
• • •
IN THE new rock company.
• • •
THEN THERE is $50.00 worth.
• • •
OF CLEAN, sharp rock.
• • •
AND $35.00 worth.
• • •
OF CLEAN, sharp sand.
• • •
FROM SACRAMENTO or Marysville.

OR PRATTCO, Monterey County.
• • •
SEND IN your answers.
• • •
THEY COST you nothing.
• • •
AND SANDY Pratt will say.
• • •
"I THANK you."

Miss Ima Rocknamer from Prattrock, near Folsom (home of Sandy Pratt's new rock and gravel plant) telling her "best friend," U. R. A. Winner of Rock Cod Bay, a secret—namely, that she has the best name for the new product of the Pratt Rock & Gravel Co.

Plans Being Prepared.
WAREHOUSE Cost, $200,000
OAKLAND, Alameda Co., Cal., 29th Ave. and E-14th St.
Large reinforced concrete warehouse.
Owner—Montgomery Ward & Co.
Architect—A. McAuley, Chicago, Ill.
Further information may be obtained from W. Q. Bateman, Pacific Coast manager, 27th & Vaughn Sts., Portland, Oregon.

Contract Awarded.
FACTORY Cost, $30,000
ALAMEDA, Alameda Co., Cal. Cor. Park St. and Blanding Ave.
One-story brick factory building, 100x134.
Owner—Withheld.
Engineer—H. Vane Woods, 505 17th St., Oakland.
Contractor—H. J. Christensen, 505 17th St., Oakland.

Plans Completed—To be Done by Day's Work.
WAREHOUSE Cost, $100,000
SAN FRANCISCO. Vermont and Fifteenth Sts.
Five-story reinforced concrete and mill type warehouse, 100x120 (pile foundation, 4 elevators, electric heat).
Owner—Withheld.
Architect—Henry Shermund, Hearst Bldg., San Francisco.

Plans Being Figured.
SERVICE BLDGS. Cost, $41,300
SAN RAFAEL, Marin Co., Cal.
Group of one-story frame and plaster service buildings (warehouse, garage, meter shop, paint shop, locker room, etc.)
Owner—Pacific Gas & Electric Co., 445 Sutter St., San Francisco.
Architect—Eng. Dept. of Owner.
The main portion of the building will house the shops, tool and meter rooms, and warehouse and will have concrete foundations, floor and walls, a wooden roof and wooden interior partitions. The garage will be entirely of reinforced concrete and will include complete gasoline filling station equipment as well as a storage battery charging set.
Plans may be obtained from the Purchasing Department.

SALEM, Ore.—Archts. Knighton and Howell, U. S. Bank Bldg., Portland, taking bids for $100,000 addition to Oregon Pulp and Paper Mill; 2-story & basement, reinforced concrete, 222 by 128 ft., to be used for machine rooms and offices. Bids wanted for a general contract.

GLENDALE, L. A. Co., Cal.—Archts. Morgan, Walls & Morgan, 1124 Van Nuys Bldg., L. A., are preparing plans for a new creamery plant to be erected on a 3 acre site on San Fernando Rd., Glendale, for the Crescent Creamery Co. There will be a 2-story milk plant, 93x191 ft., 2-story ice cream plant, 75x170 ft., 1-story boiler house, 96x170 ft., office bldg. and a number of other bldgs. Class A reinf. conc. constr., steel sash, plas. exters., comp. rfg., steel rolling doors, conveyors, elevators, traveling cranes, yard paving, loading platforms.

LOS ANGELES, Cal. — Archt. Albert C. Martin, 430 Higgins Bldg., is preparing plans for a 3-story and basement class A factory and warehouse bldg. to be erected on E 7th St. near Utah St. for Wm. Volker Furniture Co. Dimensions, 100x247 ft., reinf. conc. constr., steel sash, comp. rfg., metal skylights, 3 elevators, steel rolling doors, sprinkling system.

LOS ANGELES, Cal.—Archt. W. L. Schmolle, San Francisco, is completing plans for a 3-story class A warehouse to be erected at 15th St. and Grand Ave. for Chanslor-Lyon Co. Noice & Merrill, 1326 Washington Bldg., are the struc. engrs. Reinf. conc. constr., 3-sto. and part basement, dimensions 70x170 ft., mezzanine fl., conc. exter. walls, comp. rfg., steel sash, steel rolling doors, 2 freight elevators, wire glass, ornam. iron; $100,000. York Realty Co., San Francisco, have the contract to erect. All sub-figures will be taken from the owner's office.

SAN DIEGO, Cal. — Lange & Bergstrom, 801 Washington Bldg., Los Angeles, and 819 Timken Bldg., San Diego have been awarded the contr. to erect the first group of bldgs. at Old Town for the Vitrified Products Corp's. brick and tile factory. George W. Kummer, gen. mgr. Work will be completed about June 20.

LOS ANGELES, Cal.—Archt. Wm. F. Bowen, 813 Union League Bldg., is preparing plans for a class A storage warehouse, to be erected at Slauson and Vermont Aves. for I. Nussbaum. Reinf. conc. constr., dimensions 96x214 ft. 5-story and basement, conc. exter., comp. rfg., conc. fls, sprinkler system, steel sash, 3 elec. freight elevators, wire glass, steel rolling doors, ornam. iron; cost $300,000.

FLATS

Plans Complete.
FLATS Cost, $18,000
SAN FRANCISCO, NW Lombard and Franklin.
Two-story and basement frame (4) flats.
Owner—R. J. Olivi, 1339 Greenwich, San Francisco.
Architect—J. A. Porporato, 619 Washington, San Francisco.

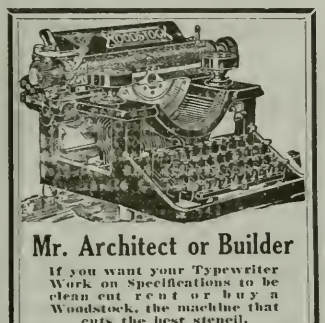
Contract Awarded.
FLATS Cost, $18,000
ALAMEDA, 3111-13-15-17 Santa Clara Avenue.
Two-story 16-room frame flats.
Owner—Gardner Bros., Santa Clara & High, Alameda.
Contractor—Harry C. Knight, 388 12th St., Oakland.

LOS ANGELES, Cal.—Archt. John J. Frauenfelder, 1116 Story Bldg. has prepared plans and is taking bids on subcontrs., for the erection of a flat bldg., on Bimini Pl. near 3rd St., for J. J. Warnich and Dr. C. M. C. Walters. It will contain 16 flats, each to contain 7 rooms; frame and plas. constr., 2-story, comp. rfg., hardwood fls., pine trim, gas rads., water htrs., tile baths and drainboards; $100,000.

GARAGES

Plans Completed.
GARAGE Cost, $10,000
SAN FRANCISCO. Francisco St., bet. Taylor and Mason Sts.
One-story hollow tile garage.
Owner—California Fish Co., 556 Clay St., San Francisco.
Architect—Willis C. Huson, Chronicle Bldg., San Francisco.

Plans Being Prepared.
GARAGE Sost, $18,000
SAN ANSELMO, Marin Co., Cal.
One-story Class A garage.
Owner—C. O. Durham.
Architect—S. Heiman, 57 Post St., San Francisco.



SAN RAFAEL, Marin Co., Cal.—See "Factories and Warehouses," this issue.

GOVERNMENT WORK AND SUPPLIES

TUCSON, Ariz—Tucson Pressed Brick Co. has been awarded contr. to furnish 20 carloads of hollow tile and brick for the Nogales postoffice bldg., constr. for which was awarded to the firm of Devault & Deitrick, of Canton, Ohio, at $90,283.

SAN FRANCISCO—Until June 20, 12 M., bids will be rec. by Wm. A. Newman, Sup't. of Construction, 402 P. O. Bldg., to construct water tank, underground water system and salt water system for fire protection at U. S. Quarantine Station at Port Townsend, Wash. **See call for bids under official proposal section in this issue.**

SEATTLE, Wash.—Until June 5, 11 a. m., bids will be rec. by Alaskan Engineering Commission, Bell Street Terminal, for fur. and del. under Circular No. 612: oils and grease, fire bricks, babbit metal, files, drills, sheet steel, hoisting rope, wire nails, steam shovel chain, cement, roofing and building paper, miscellaneous hardware, doors and windows and lumber. Complete particulars on file in San Francisco office of the Commission, 306 Customhouse.

SAN FRANCISCO—Until June 6, 11 a. m., bids will be rec. by U. S. Engineer office, 85 2nd St., under Order 4574/439 for fur. and del. Rio Vista, Solano county: miscellaneous castings. Spec. will be furnished on request.

WASHINGTON, D. C.—Until June 7, 10:30 a. m., bids will be rec. by Panama Canal Commission, under Circular No. 1532, for fur. and del. Balboa, Pacific Port: Steel rack castings, structural steel, steel plates and bars, spring steel, corrugated iron or steel roofing, copper and brass tubing, pipe fittings, valves, sheet zinc, rosin, liquid coal tar, southern yellow pine lumber and creosoted piles.

WASHINGTON, D. C.—Until June 9, 10:30 a. m., bids will be rec. by Panama Canal Commission, for fur. & del. Balboa (Pacific Port), under Circular No. 2326: Refrigerator, Manila cable, steel rivets, bolts, files, wood screws, solid-rubber and pneumatic tires, axes, metallic and steel tapes, lanterns, boiler punches, rubber-tired truck casters, injectors, water closet seats, varnish and kalsomine brushes, houselline, plumbers' oakum, and cutting oil.

WASHINGTON, D. C.—Until June 15, 10:30 a. m., bids will be rec. by Panama Canal Commission, under Circular No. 1533, for fur. and del. Balboa (Pacific Port): Portland cement and motor-grade gasoline.

HALLS AND SOCIETY BUILDINGS

Low Bidders—Contracts To Be Awarded Shortly.
CLUB BLDG. Cost $75,000 to $80,000
BERKELEY, Alameda Co., Cal., Corner Bancroft Way and Bowditch St.
One-story reinforced concrete and steel class B club building (built for additional stories)
Owner—Masonic Club of the University of California, Hotel Bancroft, Bkly.
Architect—Carl Werner, Santa Fe Bldg San Francisco.
General contract to C. L. Wold, 185 Stevenson St., S. F.
Electrical work to Scott & Butner.
Plastering to A. J. Hillam, 351 12th St., Oakland.
Painting to Chas. Gordan.
Heating to Ideal Heating Co.
Plumbing to Burnham Plumbing Co., 1220 Webster St., S. F.
Cut stone to Mindner & Melskov, 180 Jessie St., S. F.

Contract Awarded.
CLUB BLDG., ETC. Cost, $18,500
NORTH SACRAMENTO, Sacramento Co., Cal. Orange Ave. and Auburn Blvd.
Two-story brick and concrete store, club and lodge hall.
Owner—Frank A. Johnson, 1309 L St., Sacramento.
Architect—F. A. S. Foale, Ochsner Bldg., Sacramento.
Contractor—P. F. Bender, 12th Street Road, North Sacramento.
A portion of the structure will be leased to the Acacia Club and the upper floor to a lodge of Masons now being organized.

SAN BERNARDINO, Cal.—Santa Fe Athletic Club is planning to erect a natatorium and club house costing $65,-000. Proposed club will involve 2 buildings, one a 225x150 ft. plunge, and the other a 2-story club building, containing banquet hall, gymnasium, club rooms, offices, etc. Reinforced concr. construction. J. S. Russell, pres. and Frank A. Bills, director.

SAN JOSE, Santa Clara Co., Cal.—San Jose Knights of Columbus have raised $100,000 to finance construction of new lodge, club and store building, four stories in height. A site for the building has already been purchased.

ANTIOCH, Contra Costa Co., Cal.—County Supervisors declare intention to purchase Lots 1, 2, 11 and 12 in Block 55, Antioch on which it is proposed to erect club building for World War Veterans. J. H. Wells is county clerk.

TUCSON, ARIZONA. — Local B. P. O. E. Lodge is discussing plans to erect a $250,000 lodge bldg. at Broadway and Stone Ave. Proposed bldg. will be 6-story and contain bet. 50 and 60 sleeping rms., with dining rm., banquet hall, swimming pool, gymnasium, roof garden, besides usual lodge and club features. The bldg. committee is headed by Kirt L. Hart.

HOSPITALS

Segregated Figures Being Taken From San Jose Contractors.
CHILDREN'S HOME Cost, $100,000
SAN JOSE, Santa Clara Co., Cal., 11th and Market Sts.
Two-story frame and stucco children's home.
Owner—Home of Benevolence.
Architect—C. Tantau, 251 Kearny St., San Francisco.

Plans Being Prepared.
NURSES' HOME Cost, $500,000
SAN FRANCISCO, Sutter St., bet. Scott and Divisadero Sts.
Six-story class A nurses' home with roof garden and auditorium.
Owner—Mt. Zion Hospital.
Architect — Sylvain Schnaittacher, 233 Post St., San Francisco.

Plans To Be Prepared.
HOSPITAL $100,000 (1st unit)
SANTA CRUZ, Santa Cruz Co., Cal.
Fireproof hospital (1st unit).
Owner—Santa Cruz County.
Architect—H. H. Meyers, Kohl Bldg., San Francisco.
Mr. Meyers has been selected to lay out the hospital group. Only the main building will be built in the near future.

RIVERSIDE, Riverside Co., Cal. — Archt. Myron Hunt, 1107 Hibernian Bldg., is preparing working plans for the new hospital bldg. to be erected at Riverside for Riverside Community Hospital Assn. It will contain accommodations for 60 beds, designed for 100 beds; 1-story, 350x250 ft., extreme dimensions, hollow conc. walls, plas. exterior, clay tile rfg., pine trim, Terrazzo fls., metal lath and plas. partitions, steam htg., operating unit, X-ray dept., lavatories, cost $250,000.

EUREKA, Humboldt Co., Cal.—Until June 12, 2 P. M., bids will be rec. by Fred M. Kay, County Clerk, for fur. and install. kitchen equipment in county hospital at Eureka. Cert. check 10% req. Spec and blanks for bidding obtainable from clerk.

EUREKA, Humboldt Co., Cal.—Until June 12, 2 P. M., bids will be rec. by Fred M. Kay, County Clerk, to alter and repair kitchen in county hospital. Cert. check 10% req. with each bid. Plans on file in office of clerk.

WHITTIER, L. A. Co., Cal.—Col. Simon J. Murphy, donor of the Murphy Memorial Hospital, has agreed to provide funds for the addition of a wing to provide much needed space. The announcement was made at a recent meeting of the city trustees. The proposed addition will be a 3-story and basement wing, containing a continuation of the surgical ward on the top floor, with maternity depts., clinic, private rms. and nurses' quarters below. On account of a slope to the ground, the new wing can be 4-sto. while retaining the same roof line with the remainder of the building.

SALEM, Ore.—State Board of Control taking bids to erect 2-story and basement concrete boys' dormitory to be erected for feeble minded at Salem; est. cost $45,000. Will have Monolith cem. and white sand exterior. Separate bids for heating, ventilating and plumbing. E. E. McClaran, Exchange Bldg., Portland, architect.

EVERETT, Wash.—Archt. John Graham, L. C. Smith Bldg., Seattle, taking general contract bids for 4-story and basement concrete and brick hospital to be erected at Pacific avenue and Nassau St., for Sisters of Charity; to be known as House of Providence Hospital; est. cost $300,000.

HOTELS

Contracts Awarded For Heating and Plumbing—Bids Being Taken For Electrical Work, Roofing, Refrigerating and Kitchen Equipment.
HOTEL Cost, $250,000
PETALUMA, Sonoma Co., Cal.
Four-story steel frame reinforced concrete or brick hotel (100 rooms).
Owner—Petaluma Hotel Co.
Manager of Constr.—Frederick Whitton, 251 Kearny St., San Francisco.
Bids will be taken in a few days for the terra cotta tile roofing, and interior tile for floors and wainscot.
Plumbing awarded to Carl T. Doell, 467 21st St., Oakland, $22,421.
Heating to W. H. Picard, 5656 College Ave., Oakland, $8746.

LOS ANGELES, Cal.—E. C. Wiseman, 313 S Figueroa St., has prepared plans and will erect a 3-story store and hotel bldg. on Fremont Ave., bet. 2nd and 3rd Sts. Two stores, 50 hotel rms. and 1 apt. Dimensions 32x155 ft., frame and plas. constr., comp. rfg., pine trim, tiled baths; $60,000.

PALO ALTO, Santa Clara Co., Cal.—A. B. Peterson, Manuella near Alta Mesa, Palo Alto, is conferring with Southern California capital, regarding the construction of a 4 or 5-story 50 by 100 ft., hotel building to be erected on his lot at the s.w. corner of University Avenue and Waverley street.

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LOS ANGELES, Cal.—Robb Combs, 4853 Melrose Ave., is preparing plans and will erect a class C bldg. at the n.w. cor. of 2nd and Flower Sts., for K. Lundeen, Van Nuys Bldg.; will contain lobby, and 250 rooms each with bath. Brick, 4-story and basement, 60x120 ft., comp. rfg., hardwood and O. P. fls., tile baths, elec. passenger elevator, metal lath, water htr., elec. htg.; bids to be taken on sub-contrs. in 2 weeks.

LONG BEACH, L. A. Co., Cal.—Harbor Cities Housing Co., through Corbusier & Co., 711 E Anaheim Blvd., Long Beach, are reported having plans made by J. Curtis, Los Angeles, for a $140,000 4-story 102-rm., store and hotel bldg. to be erected near Anaheim. Class C constr., basement, heating system, elevator. Officers of the company are: R. P. Musetter, pres.; A. H. Wille, treas.; W. T. Corbusier, secy.

LOS BANOS, Merced Co., Cal.—Chamber of Commerce, Dr. C. E. Herkner, president, campaigning for funds to finance the construction of $125,000 hotel and store building, preliminary plans for which have been prepared by Architects Ernest J. Kump Co., Rowell Bldg., Fresno. Will contain approximately 65 rooms with stores on the ground floor. Miller and Lux, Inc., has subscribed $45,000 of the total amount required to finance.

LOS ANGELES, Cal.—Archts. Walker & Eisen, 325 Pacific Finance Bldg., are preparing plans for a 10-story and basement class A family hotel bldg. to be erected at n.w. cor. of Wilshire Blvd. and New Hampshire St. for S. H. Blevin, of San Francisco. It will contain 300 rms.; dimensions 150x130 ft.; reinf. conc. constr., press. brick and terra cotta facing, hardwood trim, tiled baths, elevator, steam htg; cost $850,-000.

SEATTLE, Wash. — Archt. Henry Bittman, Securities Bldg., has completed plans to remodel the Globe Block at 1st Ave. and Madison Sts., for a hotel to contain 104 rooms. Structure is a four-story brick office building.

ICE AND COLD STORAGE PLANTS

HUNTINGTON BEACH, Cal.—Huntington Beach Ice Co. is increasing capacity of plant from 5 tons daily to 20 tons. Installation of the machinery including compressors, etc., has started. M. D. James, owner in charge.

POWER PLANTS

Bids To Be Taken In About a Week.
SUB-STATION Cost $50,000
BERKELEY, Station F.
Steel and concrete sub-station.
Owner—Pacific Gas & Electric Co., 445 Sutter St., S. F.
Architect—Eng. Dept. of owner.
The steel contract was awarded to the Herrick Iron Works, Oakland.

SEATTLE, Wash.—Until June 8, 10 a. m., bids will be rec. by C. B. Bagley secy. Bd. Pub. Wks, for fur. f. o. b. cars Rockport, Wash., steel towers for transmission line for Gorge Plant, Skagit River Development project. Cert. check 5% payable to Mayor and City Comptroller req. Spec. obtainable from secretary.

SAN FRANCISCO—Western Pipe & Steel Co., 444 Market St., San Francisco at $213,016.70 awarded contract by Bd. Pub. Wks. to construct Sec. 1, under Prop. A, riveted steel pipe, for steel penstocks and accessories for Moccasin Creek Power Plant, Hetch Hetchy project.
For the lower section, under Prop. G, Sec. 2, welded steel pipe, the contract was let to M. W. Kellogg Co., Jersey City, N. J., at $1,016,525.

TACOMA, Wash.—Until June 8, bids will be rec. by City Commission for fur. and del. one 6,000 KVA, 50,000 V transformer.

SAN FRANCISCO.—Eng. Dept. of Pacific Gas and Electric Co., 445 Sutter St., has bids under advisement for improvements at Potrero gas plant. Construction involves the installation of a 48-in. dia. reinforced concrete conduit 275 ft. long, one concrete intake on one end and pump house on the other. Two 18-in. pumps will be installed with capacity of 7000 gals. per min. Miscellaneous discharge pipes. Pump house will be of reinforced concrete construction, two stories in height with sump traveling refuse screens on first floor and on 2nd floor switch department and intake and stationery refuse screens. Total est. cost $110,000. Award of contract will be announced within the next few days.

MODESTO, Stanislaus Co., Cal.—City Council, L. A. Love, clerk, will sell to highest bidder June 13, following equipment:

1 C. E. & M. Automatic Compensator size No. 0, form A. Serial No. 63116, 3 phase, 60 cycles, 220 volts, 15 h. p. and protective panel.

1 Induction Motor, Serial No. 425915 General Electric Company, type 10-504 form K, 1800 revolutions, 60 cycles, 3 phase, 50 h. p., 103 amps., 220 volts.

(1 Manual compensator accompanies motor. Cert. check 10% payable to May req. with each bid.

SAN FRANCISCO—Pacific Gas and Electric Co., 445 Sutter St., San Francisco, appropriated $35,000 to improve Fresno plant. Will install 2 new 500 h. p. boilers; new steam compressors to handle 130,000 cu. ft. gas per hr. and new blow to handle 10,000 cu. ft. per hr.

MODESTO, Stanislaus Co., Cal. — Modesto Irrigation District awards following contracts in connection with construction of transmission line: Niedermeyer-Martin Lumber Co., poles, $4881.75; Baker-Joslyn Co., insulators, $4028.60; Baker-Joslyn Co., pole pins and cross arm pins, $482.95; Western Electric Co., line hardware, $569.55; Pacific States Electric Co., bare copper wire, $15,202.75; California Wire Co., weather proof wire $7645.20; John A. Roebling Sons, Galvanized iron wire, $1060.17.

Bids to construct line rejected as being too high. Bids were approx. $311 per mile while eng. estimate was $280. District will construct line by day labor.

BERKELEY, Alameda Co., Cal.—Pacific Gas and Electric Co., 445 Sutter St., San Francisco, petitions City Council to reclassify company's property at Hearst and McGee Aves., to permit the erection of a new sub-station to cost $22,000. Taken under advisement. C. L. Huggins is city engineer of Berkeley.

SAN FRANCISCO — Tibbitts-Pacific Co., 16 California St., awarded cont. by Pacific Gas and Electric Co., 445 Sutter St., for improvements at Potrero Gas Plant, involv. installation of a 48-in. dia. reinforced concrete conduit 275 ft. long, one concrete intake on one end and pump house on the other. Two 18-in. pumps will be installed with capacity of 7000 gals. per min. Miscellaneous discharge pipes. Pump house will be of reinforced concrete construction, two stories in height with sump traveling refuse screens on first floor and on 2nd floor switch department and intake and stationery refuse screens. Total est. cost $110,000.

FRESNO, Fresno Co., Cal.—San Joaquin Light and Power Co., Fresno, has constructed a reinforced concrete transformer testing and storage warehouse; total cost $60,000 of which $12,000 is for purchase of equipment.

PUBLIC BUILDINGS

Plans Being Figured—Bids Close July 2, 1923, 10 a. m.
ADDITION Cost, $40,000
OAKLAND, Alameda Co., Cal., 18th & Poplar Sts.
Two-story reinforced concrete addition to Detention Home (Juvenile Court cells, etc.)
Owner—Alameda County.
Architect—H. H. Meyers, Kohl Bldg., San Francisco.
Figures are being taken as follows: Deut. 1, all building construction work complete; Dept. 2, all cells, window guards, doors, railing, etc.
Deposit of $25 required on plans for 12 days.

Plans Being Figured—Bids Close June 12, 1923, 5 p. m.
BUILDING Cost, $50,000
SAN GABRIEL, L. A. Co., Cal.
Two-story brick city hall bldg., 60x100 (plaster exterior, tile roof).
Owner—City of San Gabriel.
Architect—Walker & Eisen, 3215 Pacific Bldg., L. A.

Opening of Bids Postponed—New Date to be Set.
CITY HALL Cost, $600,000
STOCKTON, San Joaquin Co., Cal. El Dorado, Centro, Fremont and Lindsey Streets.
Class A City Hall.
Owner—City of Stockton.
Architect—J. Pearce, of Davis-Heller-Pearce Co., Jos. Losekann and Pete Sala, as a firm, Delta Bldg., Stockton.
Bids are being taken as follows:
All work complete.
General contract.
Heating.
Plumbing.
Electrical wiring.
Complete mechanical equipment.
Jail equipment.
Deposit of $100 required on general contract, plans and specifications, and $50 on other sub-contracts.
A complete set of plans and specifications are on file in the office of the Larsen Construction Reports, 560 Mission Street.
The following general contractors have applied for plans.
J. F. Shepherd, Yosemite Bldg., Stockton.
R. W. Moller, Call Bldg., S. F.
Goold & Johns, 119 S-California St., Stockton.
Howard S. Williams, 180 Jessie St., San Francisco.
Robert Trost, 26th and Howard Sts., San Francisco.
E. H. Riley, Yosemite Bldg., Stockton.
Davison & Nicholsen, 336 W-Lafayette St., Stockton.
Reilly & Nemetz, 180 Jessie St., San Francisco.
Lange & Bergstrom, Monadnock Bldg San Francisco.
Circle Constr. Co., New York.
Herndon & Finnigan, 1814 17th St., Sacramento.

Plans Being Figured—Date of Opening Bids not Set.
FIREHOUSE Cost, $——
FRESNO, Fresno Co., Cal. Santa Fe and Butler Aves.
Two-story and basement brick firehouse, 30x70 ft.
Owner—City of Fresno. R. Y. St. George, City Clerk.
Architect — Coates & Traver, Rowell Bldg., Fresno.

Plans Being Figured—Bids Close July 2, 1923, 10 a. m.
ADDITION Cost, $40,000
OAKLAND, Alameda Co., Cal., 18th & Poplar Sts.
Two-story reinforced concrete addition to Detention Home(Juvenile Court cells, etc.)
Owner—Alameda County.
Architect—H. H. Meyers, Kohl Bldg., San Francisco.
Figures are being taken as follows: Dept. 1, all building construction work complete; Dept. 2, all cells, window guards, doors, railing, etc.
Deposit of $25 required on plans for 12 days.
See call for bids under Official Proposals.

FULLERTON, Orange Co., Cal.—Architects W. Horace Austin, First National Bank Bldg., Long Beach, and John C. Austin, 1125 Detwiler Bldg., L. A., assoc. archts., have completed revised drawings for the new city hall and detailed plans have been ordered by the trustees. The proposed structure will be of California style architecture, 2-story in height with colonades and open air court. It is planned to complete the interior of the first floor only. Est. cost, $80,000. Bids will be called for in about 30 days.

FRESNO, Fresno Co., Cal—City Commission rejects bids to erect community center house in Holmes Playground in 1st St., bet. Huntington and Kern Aves. All bids exceeded $10,000, the amount available for construction. Plans will be revised and new bids asked. R. Y. St. George is city clerk.

SAN FRANCISCO—Leather Mat Mfg. Co., 340 Sansome St., San Francisco, submits bid of $1288.46 to State Board of Harbor Commissioners to cover main stairways in Ferry Building. Referred to Committee of the Whole for consideration.

RIVERSIDE, Riverside County, Cal.—Until June 19, plans and designs will be received by City Council of Riverside, Riverside Co., Cal., for the new City Hall building to be erected under the recent bond issue. There is available $93,000 for this work. All architects are invited to compete. C. B. Burns, City Clerk, from whom further information may be obtained.

PACIFIC GROVE, Monterey Co., Cal. —City trustees reject bids to construct comfort station at municipal camping grounds. Bids were: W. P. Sweeney, $1215; E. R. Stalter, $1313; Fred McCray, $1218. Bids ordered re-advertised to be opened June 7.

OLYMPIA, Wash.—Until June 4, 2 p. m., bids will be rec. by W. J. Hays, director State Department of Business Control, to const. power house; install coal conveyor and steel coal bunker; 2 new boilers and reset old boiler in addition to certain pipe works, pumps, etc., in connection with Washington School for Deaf at Vancouver, Wash. Spec. obtainable from Archts. Hill, Mock and Griffin, 229 Perkins Bldg., Tacoma.

RESIDENCES

Plans Being Figured.
RESIDENCE Cost—
PIEDMONT, Alameda Co., Cal., MacKinnon Park Tract.
Two-story and basement frame and stucco residence and garage. (12 rooms).
Owner—Geo. D. MacKinnon.
Architect—Louis M. Upton, 454 Montgomery St., San Francisco.
Figures are being taken for a general contract.

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Contract Awarded.
BUNGALOWS Cost, $64,000
VISITATION, San Mateo Co., Cal. Blks 3, 4 and 5, No. 4.
Twenty 5-room frame bungalows.
Owner—Isabelle S. Routhwaite, Oakland.
Architect—H. D. Jones, 1534 Franklin St., Oakland.
Contractor —California Builders Co. 1534 Franklin St., Oakland.

Plans Being Prepared.
BUNGALOWS Cost, $8000 each
BURLINGAME, San Mateo Ca., Cal.
Three one-story frame bungalows (6 rooms each).
Owner—W. D. Creighton.
Architect—E. E. Young, 2002 California St., San Francisco.

Plans Being Figured.
RESIDENCE Cost, $40,000 approx.
PIEDMONT, Alameda Co., Cal., Seaview Avenue.
Two-story and basement frame and stucco residence.
Owner—Mr. Wilson of Wilson Bros. & Co., 110 Market St., San Francisco.
Architect — R. G. McDougall and J. Martyn Haenke, 381 Bush St., San Francisco.
Figures are being taken for a general contract.

Plans Being Figured.
RESIDENCE Cost, $16,000
SAN FRANCISCO, St. Francis Wood.
Two-story frame and stucco residence and garage (10 rooms).
Owner—Withheld.
Architect—Walter Falch, Hearst Bldg., San Francisco.
Figures are being taken for a general contract.

Plans Being Prepared.
RESIDENCE Cost, $4000
MILL VALLEY, Marin Co., Cal. Forest and Blythdale Sts.
One-story frame residence.
Owner—R. J. Hemingway.
Architect—Willis E. Huson, Chronicle Bldg., San Francisco.

Plans Being Prepared.
RESIDENCES $15,000 each
MILL VALLEY, Marin Co., Cal. Blythdale Ave.
Two one and one-half-story hollow tile residences.
Owner—G. T. Marsh, et al.
Architect—Willis E. Huson, Chronicle Bldg., San Francisco.

Plans Being Prepared.
RESIDENCE Cost, $40,000
HILLSBOROUGH, San Mateo Co., Cal.
Two-story frame and stucco residence and garage.
Owner—Raymond Welch.
Architect—Bakewell & Brown, 251 Kearny St., San Francisco.

Plans Being Prepared.
ALTERATIONS Cost, $30,000
SAN FRANCISCO, Broadway and Baker Streets.
Alter and add to residence.
Owner—I. C. Ackermann.
Architect—Weeks & Day, 315 Montgomery St., S. F.

SCHOOLS

Plans Being Figured—Bids Close June 18, 1923, 8 p. m.
SCHOOL Cost, $25,000
PIEDMONT, Alameda Co., Cal. Piedmont Primary School Site.
One-story reinforced concrete and stucco school (4 classrooms and kindergarten).
Owner—Piedmont School District.
Architect—W. H. Weeks, 369 Pine St., San Francisco.

Completing Plans.
ADDITION Cost, $30,000
ANDERSON VALLEY, Mendocino Co., Cal.
One-story frame and plaster addition to school (8 rooms).
Owner—Anderson Valley Union High School District.
Architect—Norman Coulter, 46 Kearny St., San Francisco.
Plans will be ready for figures in about three weeks.

Plans Being Figured—Bids Close June 8, 1923, 8 p. m.
HEATING PLANT Cost, $10,000
GONZALES, Monterey Co., Cal.
Two-room addition and central heating plant.
Owner—Gonzales School District.
Architect—W. H. Weeks, 369 Pine St., San Francisco.

Plans Being Prepared.
SCHOOL Cost, $250,000
LOS GATOS, Santa Clara Co., Cal.
Concrete school building.
Owner—Los Gatos Union High School.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
It will contain an auditorium seating 800, manual training shops, domestic science and other departments, besides twenty classrooms. The towns of Saratoga, Alma and Wrights are included in the district.
A bond election will be held June 19, 1923.

Contract Awarded.
ADDITION Cost, $32,731
SACRAMENTO, S ½ Lot 3, J K 14 & 15.
Addition of 2 classrooms.
Owner—Chauncey Dunn, Capitol Natl Bank Bldg., Sacramento.
Contractor—C. S. Mabrey, Ochsner Bldg Sacramento.

Contract Awarded.
SCHOOL Cost, $10,142
TULARE, Tulare Co., Cal.
Brick manual arts building.
Owner—Tulare High School District.
Architect — Swartz & Ryland, Rowell Bldg., Fresno.
Contractor—J. B. Hart, 2133 Kern St., Fresno.
Other bids: Martin Constr. Co., $12,300; Barkelew & Gould, $10,507.

Commissioned to Prepare Plans.
SCHOOL Cost, $25,000
REEDLEY, Fresno Co., Cal. Junction of East and North Aves. and Eleventh Street.
Grammar school building.
Owner—Reedley Joint School District.
Architect—Ernest J. Kump Co., Rowell Bldg., Fresno.

Bids to be Advertised for in a Few Days.
SCHOOL Cost, $110,000
PLEASANTON, Alameda Co., Cal.
One and two-story reinforced concrete school with 2 wings (12 rooms and an auditorium, domestic science and manual training departments).
Owner— Amador Valley Union High School District.
Architect—Henry C. Smith, Humboldt Bank Bldg., San Francisco.
Bonds have been voted.

Plans To Be Prepared.
ADDITION Cost, $150,000
PALO ALTO, Santa Clara Co., Cal.
Addition to brick and concrete school building.
Owner—Palo Alto Union High School District, Walter H. Nichols, clerk.
Architect—Birge M. Clark, 600 Embarcadero, Palo Alto.
A bond election will be held on June 9th.
Mr. Clark was associated with Allison & Allison, architects, for the present structures, but will have complete charge of the prospect building.

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Plans Being Figured.
SCHOOL Cost, $25,000
PIEDMONT, Alameda Co., Cal. Piedmont Primary School Site.
One-story reinforced concrete and stucco school (4 classrooms and kindergarten).
Owner—Piedmont School District.
Architect—W. H. Weeks, 369 Pine St., San Francisco.

OAKLAND, Cal.—County supervisors have sold the $110,000 bond issue of the Amador Valley Joint High School District; proceeds of sale to finance construction of new high school, plans for which are being completed by Architect Henry C. Smith, Humboldt Bank Bldg., San Francisco. Bids will be called for immediately.

OAKLAND, Cal.—Until June 7, 4 P. M., bids will be rec. by John W. Edgemond, Sect'y., Board of Education, 1104 City Hall, for fur. steel lockers, oil surfacing, moving portables, erecting portables, school fencing and opera chairs. Cert. check 10% payable to Sect'y. req. Further information on request.

OAKLAND, Cal.—W. E. Whalin, Oakland contractor, has been named superintendent of construction for the Oakland Board of Education, succeeding Wilfred Ball, whose resignation is effective June 1.

LOS ANGELES, Cal.—Until 9 a. m., June 13, bids will be received by the board of education for the following school work:
For erecting a new bldg. at 3rd St. school site, on 3rd St. near Highland Ave.; 12-rms., brick constr.; $84,000. R. D. Farquhar, archt.
For erecting a new bldg. at 49th St. school site, 49th St. near McKinley Ave; brick constr.; $56,000. Frank G. Krucker, architect.
For installing electric wiring in new bldg. at Green Meadows school site.
For installing electric wiring in new bldg. at 97th St. school site.
For installing electric wiring in new bldg at Glen Alta school site.
For installing plumbing in new bldg. at Miramonte school site.
For constructing additions and alterations at 30th St. junior high school.
For erecting standard bungalow and sanitary bldg. at Encino Acres school site.
For installing heating sys. in Girls' physical training bldg. at Boyle Hts. junior high school site.
For installing gas radiation in new bldg. at Farmdale school site.
Plans and spec. for the above work may be obtained at the secretary's office, 730 Security Bldg.

LOS ANGELES, Cal.—Archt. Arthur S. Heiman, 831 San Fernando Bldg., has completed plans for a school and dormitory bldg., to be erected at 3rd St. and Las Plumas Ave., for the Cumnock School for Girls; it will contain auditorium to seat 500, 60 dormitory rms., kitchen, dining rm. and 12 class rms. Frame constr., 2-story and part 3-story, English style, 200x300 ft., built around a court, plas. exter., steam htg., basement, hardw. fls., comp. baths, comp. and tile rfg., 3 tile mantels; cost $200,000. Day work.

LOS ANGELES, Cal.—Archt. Walter B. Phillips, 306 Ferguson Bldg., has completed plans for a 12-story unit school bldg., to be erected at the Toland-way school site, for Board of Education. Brick, 2-story, 131x62 ft., basement, tile rfg., hardwood and cement fls., incinerator; bldg. is designed for 2 add. wings to be built later. Board of Education will advertise for bids soon; $90,000.

LOS ANGELES, Cal. — Lawrence Burck Constr. Co., 325 S Hill St., was awarded the gen. contr. at $71,900 for erecting a new school at Leland St. school site. Other contrs were awarded as follows: Plumbing to Hickman Bros. at $5719; painting to Arenz-Warren Co. at $2598; heating to Western Engineering & Construction Co. at $5750; and wiring to Amer. Elec. Constr. Co. at $3910.

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Contracts Awarded.
SCHOOL. Cost, $72,000
MAYFIELD, Santa Clara Co., Cal. frame and stucco 8-room and auditorium school with tile and composition roof.
Owner — Mayfield Grammar School District.
Architect—Henry C. Smith, Humboldt Bank Bldg., San Francisco.
General Contract to John Branagh, 184 Perry St., Oakland, $45,588.
Painting to Emil Solve, Mayfield $2250.
Electrical work to M. E. Ryan, 251 Tehama, $2217.
Plumbing to A. J. Silva, 504 Gough St., S. F., $3970.
Heating to Jas. A. Nelson, 517 6th St., S. F., $5923.

MAYFIELD, Santa Clara Co., Cal.—The following bids were received on May 25th by the Board of Trustees of the Mayfield Grammar School District, for the construction of a frame and stucco school building with tile roof. It will contain eight rooms and an auditorium. Plans were prepared by Architect Henry C. Smith, Humboldt Bank Building, San Francisco. All bids were taken under advisement.

General Contract "A"

John Branagh, 184 Perry St., Oakland $45,588
(a) $216, (b) $500, (c) $675, (d) $385, (e) $810.
John Madson, Palo Alto..... 45,885
(a) $375, (b) $904, (c) $750, (d) $275, (e) $500.
Cobby & Owsley, S. F..... 46,685
(a) $330, (b) $900, (c) $1000 (d) $600, (e) $600.
J. B. Bacomb, Palo Alto..... 47,707
(a) $486, (b) $665, (c) $1032, (d) $699, (e) $546.
Anderson & Ringrose, S. F..... 48,862
(a) $356, (b) $1065, (c) $1091 (d) $410, (e) $300.
A. C. Compton 48,889
(a) $500, (b) $650, (c) $1150 (d) $500, (e) $700.
Carl H. Peterson..... 51,500
(a) $444, (b) $600, (c) $920 (d) $315, (e) $300.
Gilson & Son 52,000
(a) $110, (b) $436, (c) $715 (d) $712, (e) $450.
P. Darr 52,380
(a) $106, (b) $425, (c) $742 (d) $690, (e) $461.
D. R. Wagner, S. F. 54,921
(a) $380, (b) $220, (c) $964, (d) $480, (e) $500.

Painting

R. Zelinsky, 180 Jessie St., S. F.....$2174
(a) $490 (b) $175 deduct.
Emil Solze 2250
(a) $350, (b) $50 deduct.
Gilson & Son 2266
(a) $220, (b) $75 deduct.
John Madson 2500
(a) $240, (b) $185 deduct.

Electrical Work

M. E. Ryan, Clunie Bldg, S. F.....$2217
(a) $892, (b) $15 deduct.
R. M. Butcher 2220
(a) $865, (b) $55 deduct.
Stanford Elec. Co. 2357
(a) $770, (b) $30 deduct.
Gilson & Son 2357
(a) $770, (b) 30 deduct.
John Madson 2360
(a) $700, (b) $30 deduct.
Peninsular Elec. Co. 2440
(a) $778, (b) $45 deduct.
H. S. Hanley (without clock..... 1339
Chas. W. Fries 2965
(a) $830, (b) $10 deduct.
Newbery Elec. Co. 3080
(a) $700, (b) $25 deduct.

Plumbing

A. J. Silva, 504 Gough St., S. F....$3970
R. W. Riley 3985
John Madson 4200
Edw. C. Cashel 4500
Wm. Serpa 4900
Gilson & Son 4936
Christensen & Anderson 4936

Heating & Ventilating

Ra-Do Gas Heating Co., S. F.....$5066
$7146 (gas sys.)
Williams Radiator Co., S. F..... 5600
Jas. A. Nelson 5923
Edw C. Cashel 6280.85
Christensen & Anderson 7672
Gilson & Son 7672
All Work Except Heating & Ventilating
John Madson $54,500

Plans Being Figured—Bids Close June 19, 1923, 4 p. m.
GYMNASIUM BLDG. Cost—
BERKELEY, Garfield School site, Rose and Grant Sts.
One-story reinforced concrete gymnasium bldg.
Owner—Berkeley Board of Education.
Architect—Wm. C. Hays, 1st Natl. Bank Building, San Francisco.
Bids will be taken as follows:
General contract.
Heating
Structural steel.

FRESNO, Fresno Co., Cal.—Shorb and Neads, 1309 Linden St., Fresno, at $16,468.70 awarded general contract, carpentry, concrete, etc., for an 8-room addition to Chester Rowell school. Paul Kindler, 145 N Van Ness, Fresno, at $9995 awarded brick work; Kyle & Co., 333 G St., Fresno, at $1241 awarded iron work; Barrett-Hicks Co., 1031 Broadway, Fresno, at $1205 awarded plumbing; Fresno Sheet Metal & Roof Co., 1818 Mariposa St., Fresno, awarded galvanized iron work; McGruer and Simpson, 180 Jessie St., San Francisco, at $4708 awarded lathing and plastering; E. F. Donahue awarded painting, at $935; C. F. Weber & Co., 985 Market St., San Francisco, awarded blackboards, at $1070 and Fresno Hardware Co., 1247 J St., hardware at $864. C. E. McMullin, 165 Broadway, Fresno, low bidder for roofing, at $289 and Electric Construction Co., 616 Broadway, Fresno low bidder for electric work at $900. Latter two units taken under advisement. Following is a complete list of bids received.

Carpentry, Concrete, Etc.

Shorb & Neads $16,468
J. B. Hart 18,410
Reilly & Nemetz 22,118
Frederickson & Shannon..... 22,794

Brick Work

Paul Kindler .....$ 9,995
D. A. Moore 10,494

Iron Work

Kyle & Company $1,241
Edward L. Soule Co. 1,492
Peerless Ornamental Co. 1,564
Western Iron Works 1,596

Roofing

C. E. McMullin $289
Fresno Roof & Paint Co. 318
Fresno Sheet Metal & Rfg. 420
Valley Lumber Co. 577

Plumbing

Barrett-Hicks Co. $1,205
B. A. Newman Co. 1,273
Belleview Plumbing Co. 1,500

Galvanized Iron

Fresno Sheet Metal & Roof.....$430

Lathing & Plastering

MacGruer & Simpson $4,708

Electric Wiring

Electric Construction Co. $900
Fresno Electric Co. 975
Valley Electrical Supply Co. 995
Robinson Electric Co. 995

Painting

E. F. Donahue .....$ 935
W. S. Dean 995
Shorb & Neads 1,490
Joe Streeter 1,825
R. Zelinsky 2,310

Blackboards

C. F. Weber & Co. $1,070
Rucker-Fuller Co. 1,083
Stewart School Supply 1,100

Finish Hardware

Fresno Hardware Co. .....$ 864
Barrett-Hicks Co. 1,057
Trewhitt-Shields, Rowell Bldg., Fresno, are managers of construction.

A. E. Leitch J. G. Leitch
LEITCH
ROOFING CO.
Successors to Clark & Leitch
Office and Warehouse:
1116 SECOND ST., SACRAMENTO
Phones Main 720—6223

Bids to be Called For Next Week.
ADDITION Cost, $50,000
SAN FRANCISCO. Fourteenth Ave., bet. Irving and Judah Sts.
Three-story reinforced concrete convent (St. Anne's Convent).
Owner—Roman Catholic Archbishop of San Francisco.
Architect—Shea & Shea, Chronicle Bldg San Francisco.

FRESNO, Fresno Co., Cal.—Board of Education, L. L. Smith, Sect'y., 2525 Tuolumne St., will ask bids at once to erect first unit of Edison Technical School in California Ave.; est. cost, $45,000.

LOS ANGELES, Cal.—J. B. Dawson, 500 Fay Bldg., was low bidder at $43,900 for erecting a new school bldg. at Lillian St. school site; Wm. L. Woollett archt. Low bidders on other contrs were: J. Hokom on heating at $4210; E. W. Crowell on plumbing at $4098; American Elec. Constr. on wiring at $2740; and H. H. Mann on painting at $1947.

GLENDALE, L. A. Co., Cal.—Until 7:30 p. m., June 12, bids will be rec. by board of education of Glendale City school dist. for erecting a 1-sto school bldg. at Central Ave. school site, Glendale; Geo. M. Lindsey, 331 Laughlin Bldg., Los Angeles, archt. Bids will be taken separately on the general contract, plumbing, painting, wiring, heatin and electric fixtures. The bldg. will contain 4 class rms.; brick constr., blue brick exter., clay tile rfg.; cost $32,000.

SANTA ANA, Orange Co., Cal.—Until 1:30 p. m., June 6, bids will be received by city trustees for building additions to the present school bldgs. at Bishop and Flower Sts., North Main St., West Fourth St. and South Sycamore St. Separate bids will be received on (a) general contract; (b) heating contract. Plans and spec. by Archt. Frederick H. Eley, Santa Ana, may be obtained upon deposit of $25. Cert. check 5%. F. L. Andrews, secretary.

PALO ALTO, Santa Clara Co., Cal.—Until June 7, 7:30 p. m., bids will be rec. by A. C. Baker, secy. Board of Education, 519 Channing Ave., to fur. and install. window shades in Walter Hays school. Specifications and blanks for bidding obtainable from secretary of board.

HOLLYWOOD, Cal.—Archt. Norman F. Marsh, 211 Broadway Central Bldg., L. A., has completed plans for a new auditorium bldg., to be erected at Hollywood high school site. It will be 2-story and basement, 141x190 ft., with an auditorium and balcony to seat 2500 people; cafeteria and music dept. in the basement. Brick walls, reinf. conc. frame, steel columns, beams and trusses, fireproof stage, ruffled brick facing, cast stone trim, comp. rfg.; $275,000. The board of education will advertise for bids shortly.

SEBASTOPOL, Sonoma Co., Cal. — Until June 9, 2 p. m., bids will be rec. by C. W. Blackney, clerk, Pleasant Hill School District to erect addition to present school. W. Herbert, architect, Santa Rosa. Cert. check 10% payable to clerk req. Plans obtainable from clerk.

LOS ANGELES, Cal.—Salih Bros., 505 Mortgage Guarantee Bldg, were awardthe gen. contr. at $64,350 for erecting a new school bldg. at Miramonte school site. A. C. Zimmerman, archt. The cont. was awarded on the original bid of $69,000 with deductions of $3900 for art. stone and $750 for change in sheet metal work. Other contracts were let as follows: Painting to H. H. Mann at $2198; heating to J. Hokom at $5321; and wiring to Amer. Electric Constr. Co. at $3480. Bids for plumbing were rejected.

PETALUMA, Sonoma Co., Cal.—Bd. of Education places order with San Quentin Penitentiary for fur. 500 chairs for the junior high school auditorium.

BUENA PARK, Orange Co., Cal.—Until 8 p. m., June 18, bids will be received by trustees of Buena Park school dist .for erecting a new school bldg. at Buena Park; Arthur W. Angel, archt. Bids will be taken separately on the gen. contr., plastering and plumbing. Heating will be included in the gen. contr. and trustees will consider Pemberton system, gas-steam or gas rads. The bldg. will contain 8 rms., domestic science dept. and auditorium; hollow tile walls, plas. exter., cast stone trim, tile rfg.; cost $75,000.

LA HABRA, Orange Co., Cal.—O. T. Moore, Santa Ana, was awarded the gen contr. at $48,220 for erecting a new school bldg. at La Habra, Orange County; Jeffrey & Schaefer, 1106 Kerckhoff Bldg., archts. Deductions were made for blue brick facing and for omitting tile work in lavatoriess. Other contrs. were awarded as follows: Plumbing to H. H. Armbrust at $3922; wiring to Benson Electric Co. at $1149.50; heating to H. H. Armbrust at $3134; and painting to Alhambra W. P. & P. Co. at $985.

FRESNO, Fresno Co., Cal.—Until June 14, 5 P. M., bids will be rec. by L. L. Smith, sect'y., Board of Education, for moving 22 bungalows from Lincoln school site and Edison School site; 21 of these to go to New Edison Technical School and one to Columbia School site. Contractor to provide in his bid the cost of necessary blockings and underpinnings which will be required to complete the work. Buildings to be moved bet. July 1 and July 31, 1923. Cert. check 10% payable to President of Board of Education req.

PORTERVILLE, Tulare Co., Cal.—Until June 8, 4 P. M., bids will be rec. by Allen F. Bullard, Clerk, Porterville School District, for heating and plumbing system in Granite School in Belleview Ave. Cert. check 10% payable to clerk req. Spec. obtainable from C. O. Premo, 206 Putnam Ave., Porterville.

SALEM, Ore.—Until June 2, 11 A. M., bids will be rec. by W. H. Burghardt, Clerk, to erect first unit, with power house, of Grant High School; separate bids for heating and plumbing; est. cost, $85,000. Will be 2-story brick, 189 by 66 ft. (mill constructed interior) 10 classrooms, study hall and auditorium; domestic science and manual training departments. Plans obtainable from Clerk or Knighton & Howell, Architects, U. S. Bank Bldg., Portland.

TUJUNGA, L. A. Co., Cal.—Until 7:30 p. m., June 8, bids will be rec. by the trustees of the Tujunga city school dist for the erection of a 4-rm school bldg. and auditorium bldg. at Pine and El Centro Sts., Tujunga; bids will be received on gen. contr. with plumbing, elec. wiring and painting separate; plans by archt. H. M. Banfield and H. A. Welch, assoc., 514 Bryson Bldg. One-sto and part 2-sto., conc. or hollow tile or hollow conc. walls, plas. exter., comp. rf., O. P. and conc. fls. auditorium will seat 1200 people; $40,000

FRESNO, Fresno Co., Cal.—Until June 14, 5 P. M., bids will be rec. by L. L. Smith, sect'y., Board of Education, 2525 Tuolumne St., Fresno, to erect seven or more portable schools; 2 at Heaton school; 2 at Burroughs school; 1 ea. at Winchell, Lafayette and Benj. Franklin schools. Cert. chek 10% payable to Pres. Board of Education req. Spec. obtainable from secretary.

LOS ANGELES, Cal.—Archt. F. R. Farrar, J. T. Payne, engr., Western Mutual Life Bldg., have completed plans for a new school bldg. to be erected at n.w. cor. of Alger St. and Parkdale Ave. It will contain 7 classrms.; brick constr., comp. shingle rfg.; $56,000. The board of education will advertise for bids shortly.

VACAVILLE, Solano Co., Cal. — The Board of Trustees of the Vaca Valley School District has awarded contracts for the construction of a one-story hollow tile school building to contain six rooms and an auditorium. Plans were prepared by Archt. George C. Sellon and Company, Mitau Bldg., Sacramento:

Masonry and Plastering

H. W. Robertson, 1103 37th St., Sacramento (awarded) $35,101
Campbell Constr. Co. 39,627
Joseph Chirhart, Stockton..... 38,976

Plastering

Thomas S. Scollan Co., 2919 T St. (awarded) $11,920

Painting

Clarence Haugan, Vacaville (awarded) .....$ 1,500
Conrad Schneider, Sacramento.. 2,716

Roofing

Gladding, McBean & Co., Crocker Bldg., S. F. (Awarded)....$ 1,992
Allyn Burr Co., Sacramento..... 2,054

Plumbing

Carl T. Doell, Oakland.....$ 4,243

Heating

Carl T. Doell, Oakland .....$ 5,399

Sheet Metal

Claus Sheet Metal Wks, Vacaville .....$ 1,399
Oakland Machinery Co. 1,662

Electrical Work

Valley Electric Light & Power Company .....$ 2,963

Mechanical Equipment

(Including Plumbing, Heating, Sheet Metal Work & Electrical Work)
Latourrette-Fleal Co., Sacramento (awarded) $14,250

PORTLAND, Ore.—Hill Military Academy, Jos. A. Hill, president, announces site has been secured and construction will be started this year on new school buildings to be erected on Rocky Butte, Portland. The group will comprise ten small structures, all of hollow tile construction faced with stucco. Plans are yet to be prepared.

SANTA CRUZ, Santa Cruz Co., Cal.—John Balsiger, Santa Cruz, at $7339 awarded contract by Bd. of Educ. to erect manual training building in Otis street. Other bids: E. Zimmerli, $11,510; Hamilton & Church, $7415; Doane & Powers, $7498.

H. H. Noel, Santa Cruz, at $4085 awarded contract to construct addition to Garfield school. Other bids: Doane & Powers, $4785; E. Zimmerli, $6233.

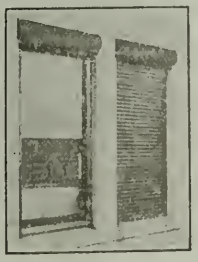
LOS ANGELES, Cal.—Walter Slater Co., 2314 Santa Fe Ave., was low bidder at $67,500 on the general contr. for erecting a new school bldg. at Miramonte school site. Low bidder on other contracts were: H. H. Mann on painting at $2198; American Electric Constr. Co. on wiring at $3480; J. Hokom on heating at $5321. G. C. Sutton was only bidder on plumbing at $6153.

LOS ANGELES, Cal—Lawrence Burck Constr. Co., 325 S Hill St., was low bidder at $71,900 on the general contract for erecting a new school bldg. at Leland St. school site; Hebbard & Wheeler archts. Low bidders on other contrs. were: Western Engr. & Constr. Co. on heating at $5750; Arenz-Warren Co. on painting at $2598; American Elec. Construction Co., on wiring at $3910. Hickman Bros. were only bidders at $5719 on the plumbing.

HUNTINGTON PARK, L. A. Co., Cal. Archts. Alfred W. Rea and Chas. E. Garstang, 905 Trust & Savings Bldg., are preparing plans for new bldgs. to be erected at Huntington Park union high school. The main bldg. will be 2-story and basement, 160x250 ft., and will contain 12 class rooms, study hall, art dept., library, cafeteria. There will also be a manual training bldg., 1-sto. 198x184 ft., new boiler plant and girls' gymnasium. Brick constr., plas. exter., cast stone trim, clay tile and comp. rfg, pine trim, maple and pine fls.; cost, $400,000.

TACOMA, Wash.—Annie Wright Seminary, an Episcopal institution, has completed arrangements to finance construction of a group of buildings in Tacoma ave., bet. 8th and 10th Sts.; est. cost $600,000.

KINNEAR ROLLING DOORS



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ESTIMATES FURNISHED

PHONE S. R. 89 OFFICE 409 B ST., SAN RAFAEL

MONTROSE, L. A. Co., Cal.—Until 6 p. m., June 15, bids will be received by the trustees of the Crescenta school dist. for the erection of a 1-story brick grammar school bldg. on Mira Vista Ave., bet. Orangedale and Ocean View Aves., Montrose. Plans by Train & Williams, archts., and Chas. A. Creeth, assoc. It will contain 3-rms. and kitchen; brick, 41x115 ft., basement, plas. exter., gas rads., comp. and tile rfg., hardwd. and cement fls. Plans on file at office of Chas. A. Creeth, 236 E Michigan Ave., La Crescenta.

BANKS, STORES & OFFICES

Revised Plans To Be Completed in a Week.
BANK BLDG. Cost, $200,000
SAN FRANCISCO, 426 California St.
Two-story class A addition to present bank building.
Owner—San Francisco Savings & Loan Society.
Architect — Herbert A. Schmidt, 251 Kearny St., San Francisco.
Contractor—Chas. W. Heyer, Jr., Mills Bldg., San Francisco.
The building on the site is now being razed and Mr. Heyer will take subfigures shortly.

Completing Plans.
EXTENSION Cost, $70,000
PALO ALTO, Santa Clara Co., Cal.
University Ave. and Emerson St.
Two-story and basement Class A extension to department store.
Owner — Frazer Department Store, Premises.
Architect — Henry Shermund, Hearst Bldg., San Francisco, and Birge M. Clark, 600 Embarcadero, Palo Alto, Associated.
Work on this structure will be started within the next four weeks.
The structural work will consist of a combination of steel frame and reinforced concrete with a veneer of pressed brick on steet front.

Plans Being Prepared.
STORES Cost, $25,000
FRESNO, Fresno Co., Cal., Belmont & Forthcamp streets.
One-story 50x100 ft. (6) stores.
Owner—Alex Alchian, Fresno, Cal.
Architect — Eugene Mathewson, Cory Bldg., Fresno.

Contracts Awarded.
BANK Cost, $20,000
SAN FRANCISCO, NW Ocean & Miramar Aves.
One-story frame and stucco bank.
Owner—Mercantile Trust Co. of Cal., 464 California St., S. F.
Architect—G. A. Lansburgh, 140 Montgomery St., S. F.
Mgr. of Constr. — C. R. Collupy, 464 California St., S. F.
Marble work, ceramic floor and base tiling awarded to Mission Marble Works, 263 Guerrero St., $340.
Masonry work to Reed & Reed, 180 Jessie St., $669.
Grading, concrete work, rough carpentry, reinforcing steel, etc. to John Morton, Balboa Bldg., $4829.
Structural steel beams, ornamental metal gates, grilles and kick-plates to Herman Hallensleben, 262 7th St., $507.
Rough and finished plumbing and fixtures to J. J. Noonan, 2881 Mission $675.
Wood and metal furring, lathing, interior and exterior plastering to W. G. Gilmour, 180 Jessie St., $2100.
Galv. iron work to Percy Sheet Metal Works, 340 Guerrero St., $361.
Glass and glazing to Crowe Glass Co., 1055 Post St., $100.
Elec. work to Collonan Elec & Mfg. Co. 3211 Mission, $449.
Interior and exterior painting to The Neal Co., 447 Ivy Ave., $800.

Plans Being Prepared.
OFFICE & FACTORY Cost, $300,000
SAN FRANCISCO, SE 19th & Alabama Streets.
Two-story reinforced concrete office and factory building 150x200
Owner—Pelton Water Wheel Co., 19th and Harrison Sts., S. F.
Engineer—W. H. Hanscom, 848 Clayton St., San Francisco.

Completing Plans—Figures To Be Taken In Ten Days.
STORE & OFFICE Cost, $150,000
SAN FRANCISCO, W Sansome St., bet. Pine and California.
Six-story reinforced concrete store and office building.
Owner—T. C. Kierulff, Balboa Bldg., San Francisco.
Architect — Benj. G. McDougall and J. Martyn Haenke, 381 Bush St., S. F.
As mentioned before, the Ralston Iron Works has the steel contract.

Plans being prepared.
STORE BLDG. Cost, $7,000
MILL VALLEY, Marin Co., Cal. Thornton Ave.
One-story hollow tile store building (2 stores).
Owner—Withheld.
Architect—Willis E. Huson, Chronicle Bldg., San Francisco.

Plans Being Prepared.
OFFICE BLDG. Cost, $200,000
STOCKTON, San Joaquin Co., Cal., Sutter and Channel Sts.
Five-story reinforced concrete class A office building.
Owner—Withheld.
Architect—Glenn Allen, 37 S Aurora St. Stockton.
Excavating has been started.

SAN FRANCISCO—The Lindghen Co., Monadnock Bldg., has been awarded a contract for wrecking (on percentage basis) the present building on the west side of Sansome street between Pine and California streets, owned by C. T. Kierulff. A new 6-story concrete store and office building will be erected from plans by Architects B. G. McDougall and J. M. Haenke, 381 Bush St.

YUBA CITY, Cal.—See "Theatres," this issue.

SANTA ANA, Orange Co., Cal.—Archt H. Newton Thornton, Hill Bldg., Santa Ana, and F. L. Lindsay, 315 Marine Bank Bldg., Long Beach, assoc. archt., have completed plans for a 2-sto steel, brick and terra cotta addition, 250x75 ft., to be built adjoining the Grand Central Market on Second St., for the Santa Ana Development Co., owner of the market. The ground floor will contain modern stores with plate glass fronts, with 29 apts. above. Est. cost, $125,000. F. L. Purinton is secy and manager.

LOS ANGELES, Cal. — Baker Iron Works has been awarded a contract at $470,000 for furnishing and erecting the struc. steel work for the new Chamber of Commerce bldg. at 12th St. and Broadway. C. J. Bubach Co., 701 Mer. Natl. Bank Bldg., gen contr.; John C. Austin, Detwiler Bldg., and John Parkinson, Title Ins. Bldg., assoc archts.

Does your painting work come up to your requirements? Are you sure of the qualifications of your painting contractor? Plans and specifications are only a guide as the execution of the work will and must depend upon the experience and integrity of the man you select. Are you purchasing this very important item after a hit-and-miss fashion.

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LOS ANGELES

INGLEWOOD, L. A. Co., Cal.—Johnson & Christiansen, 360 W 43rd St., will erect by day work, a new bank bldg. at Inglewood for the First Natl. Bank of that city. G. A. Howard, Jr., 820 Story Bldg., L. A., archt. The bldg. will be 1-sto. and mezzanine story with a basement for heating plant. Dimensions 75x75 ft., brick walls, terra cotta or cast stone facing, plate glass, steel beams, comp. rfg., hardwood fixtures, marble and tile work, bronze grilles, steel vaults; cost $75,000.

LOS ANGELES, Cal. — Weymouth Crowell Co., 2026 W 9th St., has been awarded a contract for all work complete for erecting a 3-story and basement class A mercantile bldg. at 8th and San Pedro Sts., for U. S. Rubber Co. The bldg. is designed for 5-stories. Richard D. King, 519 Van Nuys Bldg., archt. Dimensions, 142x122 ft., reinf. concr. constr., plas. exter., brick trim, plate and wire glass, steel sash, elevator, spiral chutes, dumb waiter, gas htg.; cost $200,000.

LOS ANGELES, Cal.—Court Drug Co., 860 S. Hill St., has taken an 89-year lease on the northeast corner of 12th St. and Grand Ave., and will erect a 12-story Class A store, office, laboratory and warehouse building, 86x115 ft., to cost, $1,500,000. No architect has been selected.

LOS ANGELES, Cal.—Archt. John M. Cooper, 320 Marsh-Sstrong Bldg., has prepared plans and will erect a 2-story and basement brick auto supply sales bldg. at s.e. cor. of 18th and Hill Sts., for Garland & Dickson. Dimensions, 100 by 135 ft., brick walls, rug, brick exter., plate glass windows, reinf. concr. lintels, comp. rfg., metal skylights, steel sash, mezzanine floor, elevator; cost, $60,000.

CENTERVILLE, Alameda Co., Cal.—The Bank of Italy has awarded the following sub-contracts in connection with the construction of a new bank building to cost $40,000.
Plastering to Wm. Makin, Oakland.
Heating to Roger Coit, Oakland.
Electric and plumbing bids in.
The balance of the work will be done by day's labor under the supervision of F. M. Gardner.

THEATRES

Plans Being Prepared.
THEATRE Cost, $——
OAKLAND, Alameda Co., Cal.
Class A motion picture theatre.
Owner—Mrs. Gabriel Moulin, 145 Buena Vista Terrace, San Francisco.
Architect—Reid Bros., 105 Montgomery St., San Francisco.

FULLERTON, Orange Co., Cal.—Milwaukee Bldg. Co., Wright and Callender Bldg., Los Angeles, have the contr. to erect the new theatre bldg. which Stanley Chapman is building on N Spadra, opposite the California hotel. The bldg. was stopped some time ago on account of an objectionable junk yard which was opened nearby, Mr. Chapman refusing to proceed with any further expenditure until assured that the objectionable shop would be removed. Excavation has been started.

LOS ANGELES, Cal.—George L. Patterson, 646 Maple Ave., has the elec. wiring contract on a cost plus basis, and Clark & Sons, 1022 Detwiler Bldg., have the contract at about $36,000 for furnishing terra cotta for a class A reinf. conc. $300,000 theatre being erected at s.w. cor. Pico St. and Norton Ave. for B & H Circuit. E. J. Borgmeyer, 1003 California Bldg., archt., and the office of Edwin T. Flaherty, engr., G. M. Stone, super. engr., 634 I. W. Hellman Building

YUBA CITY, Sutter Co., Cal.—Mrs. Etta Thorndyke, owner of the Lyric Theatre, 213 D St., Marysville, has purchased site 119 ft. by 172 ft. and will erect fireproof theatre, store and office building. Structures now on the property will be razed.

WHARVES & DOCKS

PORTLAND, Ore.—Oregon-Washington Railroad & Navigation Co., will erect wharf and grain elevator at foot of Fremont St.; est. cost, $220,000. Wharf will be 34 ft. above low water, 137 by 360 ft., with 180 ft. of double track trestle in rear together with warehouse, 119 by 350 ft. on the wharf and two seven pile dolphins just south of south end of wharf. Wharf for elevator will be 25 ft. above low water and elevator 104 ft. above wharf; elevators will have 250,000 bushels capacitty and wheat working bins of 60,000 bushels capacity. Plans have been completed by the Engineering Dept. of the company are being checked by the Public Dock Commission of Portland.

MISCELLANEOUS BUILDING CONSTRUCTION

LOS ANGELES, Cal.—Archt. Rudolph Meier, 836 H. W. Hellamn Bldg., has completed plans for the 4-story and basement class A fire station bldg. to be erected at s.w. cor. 2nd and Hill Sts. for the City of Los Angeles. Reinf. conc. constr., 60x165 ft., brick filler walls, face brick, Tufa stone trim, hardwood, tile and cem. fls.; steam htg. 1 elec. elevator, marble and tile work, lavatories, baths, steel sash, plate and wire glass, metal skylights, comp. rfg., vaults; $175,000. The city will advertise for bids shortly.

KINO BAY, Lower California. — A group of Nogales business men, including A. M. Gillespie and E. K. Cummings, pres. and vice pres. respectively, of the Nogales National Bank, and W. L. Cochrane, are planning a pleasure resort at Kino Bay on the Gulf of Lower California. The syndicate has 250 acres of land on the coast, where it is proposed to build a 250-rm. hotel and other adjuncts of a summer resort.

DEL MAR, Cal.—E. T. Ferguson, dist. sales mgr. of the Standard Oil Co., at San Diego, is preparing to start work at once on the erection of a distributing station at the new townsite of Salona Beach, located on the Santa Fe Ry., about two miles north of Del Mar. The plant will include warehouse, office, garage, tanks, etc.

CONTACT, Nevada—Plans are being completed by Engineering Department of Contact Mining Co., for large smelter to be constructed at Contract.

KINGMAN, Ariz.—Teluride Mining Co is planning to erect a modern milling plant at the company's mine. Jack McIver, pres. and Bob Lyons, supt.

LOS ANGELES, Cal—E. N. Klarquist 1642½ Las Palmas St., is preparing plans and will erect a $185,000 4-story 60x132 ft. full basement catering bldg. for the Paulais Co., confectioners. Full basement, reinf. conc. constr., fountain and sewing rm., private dining rms., banquet halls, vacuum cleanlng system, ice cream plant, electric elevators, steam heat.

SAN DIEGO, Cal.—Archt. Edwin C. Thorne, 620 Western Mutual Life Bldg., L. A., has completed plans for a stage depot to be erected at 1st, 2nd and E Sts., San Diego, for the Motor Transit Co. Brick, 1-story, 100x200 ft., concr. fls. with mastic surface, press. brick facing, art. stone trim, Summerbell rf. trusses, clay tile and comp. rfg., steel sash, gas steam rads., water htr., metal skylights; will contain rest rms., lobby and quarters for chauffers; $90,000. Owner will erect day work.

OCEAN PARK, L. A. Co, Cal.—Schimmer & Co., 2001½ Main St., Ocean Park, has the contract at $56,687 to erect a 2-story brick bldg. in Ocean Park for W. P. Fuller & Co. Hudson & Munsell, 444 Douglas Bldg., Los Angeles and W. Asa Hudson, Wood-Beekman Bldg., Beverly Hills, assoc. archts. Dimensions 75x90 ft., press. brick facing, tuffa stone trim, plate glass, copper store fronts, hollow tile partitions, steel sash, steel beams, rolling steel doors. Elevators awarded to Llewellyn Iron Works.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Further information regarding these opportunities may be had from Domestic and Foreign Trade Department of San Francisco Chamber of Commerce, Merchants' Exchange Bldg.:

7047—San Francisco, Calif. Party desires to be put in touch with analine paint exporters and importers in Alaska.

7055—Mazatlan, Sin., Mexico. Firm is in position to furnish a list of names of business concerns in the different states of Mexico at a nominal of two cents per word.

7057—Kobe, Japan. Japanese importer wishes to purchase Douglas fir, red cedar, white cedar, hemlock, from reliable lumber exporters.

7065—Antwerp, Holland. Manufacturers of white glazed tiles wishes to sell in this market.

7067—Brussels, Belgium. Manufacturer of small motor wishes to sell his product in this market. Size 1-20 to 1-4 H. P. Price $9.50 c. i. f. San Francisco.

7068—Poisbrock, Holland. Furniture company wishes to be brought in contact with exporters of American hardwoods, such as oak, maple, etc.

7069—Kyuto., Japan. Large import firm desires to act as representative for American exporters of machinery, stationeries, paper, toiler preparations, hoisery, woolen goods, and household articles.

7070—San Francisco, Calif. Mexican manufacturer desires to export to San Francisco, Mexican novelties, sarapes, pottery, etc.

7071—San Francisco, Calif. Large local manufacturers of storage batteries desire to make connections for exporting their products through a San Francisco export firm.

7072—Chicago, Ill. Reliable gentleman, leaving for England the 7th of June, desires to represent local export houses. He would arrange agencies, make confidential reports on agencies already established or transact any business desired by concerns not having their own representative there.

7073—Montevideo, Uruguay. Gentleman desires to communicate with an individual or firm who might be interested in helping to establish a woolen mill in Montevideo. The site, part of the capital, and the raw material would be supplied locally; the balance of capital and management to be supplied by the interested Americans.

7470—San Francisco, Calif. Business man leaving for Denmark desires to introduce San Francisco manufactured goods there. Remaining in Denmark four months he will be able to appoint agents, etc. Hardware and plumbing goods are preferred.

7075—San Francisco, Calif. Gentleman with eight years experience in export and shipping fields desires to fill a position in foreign trade firm requiring exactness and dispatch. Excellent recommendations.

7076—San Francisco, Cal. Firms desiring to develop trade with India either buying or selling are offered the services of a native Indian college man who will act as export correspondent for nominal charges.

D-574—San Francisco, Calif. Individual is in the market for nail making machines.

D-576—San Diego, Calif. Inventor of wave motor which developes power from the swells of the ocean desires to interest parties in his invention.

D-580—St. Louis, Mo.—Engineering company would like to secure general representative in this city to handle visible gasoline pumps for distributing stations.

D-582—San Francisco, Calif. Party would like to buy half or whole of small auto repair business.

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Official Proposals

OFFICE OF THE SUPERINTENDENT OF CONSTRUCTION, ROOM 402, U. S. POST OFFICE BLDG., SAN FRANCISCO, CALIF.

NOTICE TO CONTRACTORS

(Water Tank, Underground Water System, and Salt Water System for Fire Protection, U. S. Quarantine Station, Port Townsend, Washington).

SEALED PROPOSALS will be received at this office until 12 o'clock M., on the 20th day of June, 1923, and then opened, for the construction of water tank, underground water system, and salt water system for fire protection, at the U. S. Quarantine Station, Port Townsend, Washington, in accordance with the specification and drawing.

Drawing and specification may be obtained from the Custodian, U. S. Quarantine Station, Port Townsend, Wash., or at this office, in the direction of the Superintendent.

WM. ARTHUR NEWMAN,
Superintendent.

NOTICE TO BIDDERS

(Car Wheels—City of Eureka)

Bids will be received at the office 524 "D" Street, Eureka, Cal., for Twenty tons of Car Wheels of the best quality chilled iron. Chill to be not less than half inch deep in tread. Diameter of wheel thirty inches, weight about three hundred and forty-five pounds each. Tread 2½ inches, flange height ¾ inch. Flange width 1¼ inch. Width of Tread and Flange 3¾ inches. Hub diameter 7½ inches. Hub length finished 4¾ inches. Hub rough bore 3½ inches. Design 7 curved channel spoke. Tape sizes to be stenciled on each wheel with white lead and to be even number of wheels of each tape size. Wheels to be guaranteed to make an average mileage of 35,000 miles. Delivery to be made immediately after contract is signed, F. O. B. Eureka, Humboldt County, California. Bids to be enclosed in sealed envelope and marked "Bids for Car Wheels," up to **5 p. m., June 5th, 1923.**

Right is reserved to reject any or all Bids.

JOHN GRIFFITH,
Superintendent of Public Works.

NOTICE TO CONTRACTORS

(Detention Home Addition — Alameda County)

Office of the Clerk of the Board of Supervisors of Alameda County, California.

Sealed bids will be received by the Clerk of the Board of Supervisors of Alameda County, at his office until **Monday, July 2nd, 1923, at 10 o,clock a. m.,** (the day when said bids will be opened and contracts awarded) for the construction of a two-story concrete addition to the Alameda County Juvenile Court and Detention Home situated at 18th Street between Poplar and Union Streets, Oakland, California. Bids will be received on each of the following departments of work:

Department No. 1—All building construction work complete.

Department No. 2—All cell construction, window guards, door gratings, etc.

Complete plans and specifications for each of these departments of work are on file in the office of the County Clerk in the Hall of Records Building, Oakland, where copies may be obtained by depositing with the County Clerk the sum of $25.00. Contractors will be restricted as to the length of time they may retain these plans and specifications to 12 days on Department No. 1, for the entire length of time that bids are called for on Department 2.

Contractors failing to return said plans and specifications within said time limit will forfeit their deposits. The entire amount of the deposit will be returned to contractors returning plans and specifications in good condition within said time limit.

Each bid must be accompanied by check for at least ten per cent of the amount of the bid or proposal, payable to GEO. E. GROSS, Clerk of the Board of Supervisors, to be forfeited to the County of Alameda as agreed and liquidated damages to the party or parties to whom the contracts shall be awarded fail to enter into the contract after the award or to give the bond required by the Board for the faithful performance of the contract.

GEO. E. GROSS,
Clerk of the Board of Supervisors of the County of Alameda.
Dated May 28, 1923.

A call for bids published in this section indicates that bids are desired from other than local bidders Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

NOTICE TO BIDDERS

(Sea Water Pumps)

OFFICE OF THE PARK COMMISSIONERS, Park Lodge, Golden Gate Park, San Francisco, California. Sealed proposals will be received at this office not later than **noon of Friday, June 8, 1922,** for **Sea Water Pumps for the Municipal Swimming Pool at the Herbert Fleishhacker Playground, Great Highway and Sloat Boulevard.**

Progressive payments will be made.

Said work must be done in accordance with the specifications on file in the office of the Board of Park Commissioners, to which reference is hereby made and must be commenced within five (5) calendar days and completed within thirty-five (35) calendar days after the date of the contract to be made and entered into therefor.

The amount of bond for faithful performance of contract will be not less than ten (10) per cent of the aggregate of the proposal.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Board of Park Commissioners, for an amount not less than ten (10) per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the Board of Park Commissioners, Park Lodge, Golden Gate Park, and all proposals must be made upon such forms.

The Board of Park Commissoners reserves the right to reject any or all bids.

By order of the Board of Park Commissioners.

B. P. LAMB,
Secretary.

QUANTITY SURVEYOR
and Valuation Engineer
Buildings & Engineering Works
ARTHUR PRIDDLE
663 Mission Street, at Third St.
San Francisco, Calif.
Telephone Douglas 8-4-9-3

NOTICE TO BIDDERS

(Gasoline Shovel and Drilling Outfit)

Pursuant to an order of the Board of County Commissioners of Washoe County, State of Nevada, made and entered on the 5th day of May, 1923, sealed bids and proposals will be received by the undersigned, at the office of the County Clerk of Washoe County, in the City of Reno, County of Washoe, State of Nevada, not later than **10:00 o'clock A. M., Monday, June 18th, 1923,** for the following, to-wit:

One Gasoline Shovel, three-quarter yard capacity, caterpillar type; also

One Portable Gasoline Driven Drilling Outfit.

Bidders to submit bid on each item. Said Board of County Commissioners reserves the right to reject any and all bids and accept the bid best suited to the needs of Washoe County.

E. H. BEEMER,
County Clerk.

NOTICE TO BRIDGE CONTRACTORS

(Bridge-Siskiyou County

YREKA, Siskiyou Co:. Cal., May 15th 1923.

Pursuant to the order of the Board of Supervisors of the County of Siskiyou, State of California, sealed bids will be received **until ten o'clock A. M. of Friday, June 8th, 1923,** by W. J. Neilon, Clerk of the Board of Supervisors, at his office in the Hall of Records in Yreka, said county and state, for the construction of a steel bridge over the Klamath River at Klamathon, in Kalmath Road District, said bridge to be constructed on site to be selected by Board of Supervisors from two proposed sites now under consideration of board.

Alternate bids will be received on three designs of steel bridges designated on plans as Design "D," "E," and "F."

Design "D"

220 foot span over river (old site).

Design "E,"

170 foot span over river.
100 foot span over track.
153 feet trestle approach.

Design "F."

170 foot span over river.
100 foot wooden approach over R. R. track.
153 feet trestle approach.

Said bridge to be erected in accordance with plans and specifications adopted therefor and on file in the office of the said Clerk.

Bidders can secure copies of plans and specifications from Swendler Blue Print Company, 272½ Stark Street, Portland, Oregon, for $15.

All bids to be sealed and accompanied by a certified check of at least ten per cent of the amount bid.

Bids to be endorsed: "Bids for building Klamathon Bridge" and addressed to W. J. Neilon, County Clerk, Yreka, California.

The board reserves the right to reject any or all bids submitted.

By order of the Board of Supervisors.
(Seal) W. J. NEILON, Clerk.

Engineering News Section

BRIDGES

CALIFORNIA—Following bids rec. by State Highway Comm., to const. reinf. conc. bridge in Sonoma county over Arroyo Seco creek near Shellville, consisting of 2 40-ft. rein. conc. girder spans with necessary pier, abutments and wing walls. Project involv. 120 cu. yds. class A and 350 cu. yds. class C Port. cem. conc. in place; 28,000 lbs. rein. steel in place and 55 Douglas fir piles in place:

Davison — Nicolsen, 336 W. Lafayette St., Stockton	$13,204.50
C. H. Gildersleeve, S. F.	14,650.00
Lord & Bishop, Napa	15,208.00
W. L. Proctor, Santa Rosa	16,983.50
Rocca & Calletti, Santa Rosa	17,920.00
Wilson D. Ellis & Co., Berk.	19,093.50
Tieslau Bros., Berkeley	22,440.00

ENGINEERS' ESTIMATE, $16,920.00

SEATTLE, Wash.—Until June 25, 10 a. m., bids will be rec. by King County Commissioners to const. Foster foot bridge, consisting of 8-ft. roadway, 176 ft. long with 75-ft. of approach. Separate bids, same date, to remove old bridge at Black River Junction and const. new cedar piling trestle 360-ft. long. Thos. R. Beeman, county eng.

DEL NORTE COUNTY, Cal.—Governor Richardson has signed Assembly Bill No. 60, which carries an appropriation of $225,000 to finance construction of the Douglas bridge over the Klamath River near Requa, Del Norte County.

OKANOGAN, Wash. — Bids will be asked by county commissioners about June 20 to const. concrete 5-span arch bridge over Okanogan river at Omak; will be 408 ft. long, involv. 2040 cu. yds. conc.; 142,000 lbs. rein. steel and 13,000 ft. piling. Will have 20-ft. roadway and 2 5-ft. walks. D. C. Warfel, county eng.

EVERETT, Wash.—Union Bridge Co., Seattle, at $64,879 for conc. floor and $$63,875 for wood floor, submitted low bid to Snohomish County Commissioners to const. bridge over Stillaguamish river. Bids rejected and ordered readvertised.

VISALIA, Tulare Co., Cal. — Until June 11, 7:30 p. m., bids will be rec. by Ida Markham, city clerk, to const. bridge over Mill Creek at Dolliner St.; alternate bids will be rec. for (1) construction of wooden bridge; (2) construction of reinforced concrete culvert. Cert. check 10% payable to city treasurer req. Spec. obtainable from City Eng. L. H. Gadsby, on deposit of $10 returnable.

SANTA BARBARA, Cal.—See "Street and Sewers," this issue.

DREDGING, HARBOR WORKS AND EXCAVATIONS

LONG BEACH, Cal.—City Mgr. C. H. Windham will call bids at once for the dredging of approx. 900,000 yds. material from the Long Beach harbor channel. The entire job will be done under one bid.

SUSANVILLE, Lassen Co., Cal.—See "Irrigation Projects," this issue. Red Rock Irrigation District.

IRRIGATION PROJECTS

OAKDALE, Stanislaus Co., Cal.—See "Reservoirs and Dams" this issue.

SUSANVILLE, Lassen Co., Cal.—P. J. Hopper, Susanville, (formerly of Bieber, Lassen County), awarded cont. by Red Rock Irrigation District to construct reservoir and distributing systems near Ravendale. The dist. comprises 23,515 acres lying 4-mi. east of Ravendale. Storage system involves const. of 3 reservoirs, the Red Rock, Cold Springs and Buckhorn; the distributing system provides direct supply of water for every user; each 160 acres will have its own lateral. Thos. H. Means, 58 Sutter St., San Francisco, is consulting engineer for the project.

SACRAMENTO, Cal.—E. S. Heyser, representing the W. E. Callahan and Smith Bros. Construction Co., of Wichita Falls, Texas, is conferring with the State Reclamation Board regarding the financing of improvements in Reclamation District No. 1660, Sutter county, on a cash basis, instead of by warrants. The construction company was originally awarded the contract for the work at approximately $1,000,000 but the contract was later cancelled by the Reclamation Board. Heyser, however, declares his company still considers the contract binding. The financing system proposed by Heyser has been referred to a committee which will report at a later meeting.

LIGHTING SYSTEMS

FRESNO, Fresno Co., Cal—City Council, R. Y. St. George, city clerk, declares inten. to install 99 electroliers with conduits and appurtenances in portions of Van Ness Blvd., Moroa Ave., Lucerne Lane, etc.; standards to be comb. of cast iron and steel, single lamp; set on Port. cem. conc. base 2-ft. sq. and 2 ft. deep; conduit to be galv. metal tubing, containing wire conductors. 1911 Act. Protests June 14. Wm. Stranahan, city eng.

MODESTO, Stanislaus Co., Cal.—See "Streets and Sewers," this issue.

MACHINERY & EQUIPMENT

CLARKSBURG, Yolo Co., Cal.—Until June 6, 8 P. M., bids will be rec. by Mable H. Heringer, Clerk, Clarksburg Union School District for fur. and del. one school bus; seating capacity 35 pupils; mounted on Graham Bros. 1½-ton chassis or Reo Speed Wagon chassis or on Republic 1½-ton chassis. Bidders must furnish spec. with bid. Cert. check 10% req. with each bid.

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HUNTINGTON PARK, Cal.—Until 5 p. m., June 4, bids will be rec. by city trustees for one-ton truck f. o. b. city hall. Cert. check or bond 10%. H. H. Hunter, city clerk.

LOS ANGELES, Cal.—Until 3 p. m., June 1, bids will be rec. by public service comm., 207 S Broadway, for one 4-ton, three 3-ton and one 2-ton capacity auto truck chassis. Spec. 672-B. Jas. P. Vroman, secy.

FRESNO, Fresno Co., Cal.—Until June 14, 5 P. M., bids will be rec. by L. L. Smith, sec'ty., Board of Education, 2525 Tuolumne St., for fur. and del. one Ford 1½-ton Truck or eq. Cert check 10% req. Spec. and further information obtainable from sect'y.

TURLOCK, Stanislaus Co., Cal.—Until June 11, 8 p. m., bids will be rec. by Turlock Union High School District, for fur. and del. not later than Sept. 10: motor trucks under the following propositions: (1) 2 motor trucks completely equipped with bodies and stand. make of pneumatic cord tires; (2) motor truck chassis equipped with stand. makes of pneumatic cord tires; (3) 2 motor truck bodies to be complete and installed upon motor truck chassis fur. by dist.; (4) 5 or more touring cars (capacity of 5 or more persons); to be used in transportation of students. Equipment to be of sufficient size to carry from 25 to 38 pupils, except as noted under proposition No. 4. James C. Nichols, clerk of dist.

SACRAMENTO, Cal.—Until June 11, 5 P. M., bids will be rec. by Chas. C. Hughes, Sect'y. Board of Education, 300 City Hall, for fur. and del. two power lawn mowers to a type similar or equal to a 4-acre mower. Cert. check 10% payable to Board of Education req. with each bid. Spec. obtainable from Sect'y.

RAILROADS

EUREKA, Humboldt Co., Cal.—Until June 5, 5 p. m., bids will be rec. by John Griffiths, Supt. of Public Works, for fur. and del. 20 tons of car wheels, best quality chilled iron; delivery to be made immediately after signing of contract. **See call for bids under official proposal section in this issue.**

FIRE EQUIPMENT

CHULA VISTA, Cal.—The $5000 bond issue for fire apparatus and equipment carried at the recent election.

FULLERTON, Cal.—Until 7:30 p. m., June 5, bids will be rec. by city clerk, for triple combination pumping engine fire apparatus. Spec. on file at office of F. C. Hezmalhalch, city clerk. Cert. check, 10%.

LOS ANGELES, Cal.—Gamewell Fire Alarm Telegraph Co. submitted only bid to Bd. Pub. Wks. at $1992 for fur. and del. in condition for operation, 12 quick action perfect non-interfering fire alarm boxes f. o. b. cars, Los Angeles; payment 30 days after delivery and acceptance.

MISCELLANEOUS SUPPLIES

OAKLAND, Cal.—See "Schools," this issue.

SACRAMENTO, Cal—See "Pipe Lines, Wells, Etc.," this issue.

LOS ANGELES, Cal.—Until 3 p. m., June 8, bids will be rec. by public service comm, 207 S Broadway, for gate valves under spec. No. 673. Jas. P. Vroman, secretary.

EUREKA, Humboldt Co., Cal.—See "Hospitals" this issue.

RESERVOIRS AND DAMS

MERCED, Merced Co., Cal.—Directors of Merced Irrigation District are considering applications of engineering firms to handle Exchequer dam project. Among the applications are those of Starr, Thebo & Anderton, and Rand, Means & Cope, both of San Francisco. An early selection is expected.

OAKDALE, Stanislaus Co., Cal.—Election held in Oakdale and South San Joaquin Irrigation Districts to vote special assessment of $112,000 to purchase Melones dam site failed to carry. The result of this election postpones indefinitely the construction of irrigation works costing approx. $2,000,000.

SUSANVILLE, Cal. — See "Irrigation Projects," this issue.

PIPE LINES, WELLS, ETC.

SACRAMENTO, Cal. — Corning De Saules, City Controller, will sell at public auction June 5, 2 p. m., pipe, casing, fittings, valves, etc., no longer required for use by the city in connection with the Filtration Plant. Lists of materials available may be had from City Purchasing Agent, 308 City Hall.

LOS ANGELES, Cal.—Lacy Mfg. Co., Washington Bldg., submitted low bid to public service comm., for riveted sheet steel pipe as follows: 5900 ft. 16-in. at $2.08 and 1300 ft. 12-in. at $1.64. Other bids were: Western Pipe & Steel Co., $2.10 and $1.66; Baker Iron Works, $2.14 and $1.69; L. A. Mfg. Co., $2.17 and $1.72.

LOS ANGELES, Cal.—Until 3 p. m., June 12, bids will be rec. by public service comm., 207 S Broadway, for standard dipped B & S cast iron water pipe as follows: 10,000 pcs. 4-in. class B pipe in 12-ft. lengths of 260 lbs. each length; 10,000 pcs. 6-in. class B pipe in 12-ft. lengths of 400 lbs. each length; each lot f. o. b. Enterprise St. yard. Spec. 672-A. Jas. P. Vroman, secy.

ALHAMBRA, Cal—Until 5 p. m., June 4, bids will be rec. by city comm. for c. i. bell and spigot water pipe of class B type with class D fittings as follows: 14,810 ft. 4-in., 4250 ft. 6-in., and 320 ft. 8-in. pipe; various tees, plugs, bends, crosses, etc. First alternative: delivery f. o. b. dock, San Pedro; second alternative, delivery along side trench Alhambra. Cert. check 25% payable to Grant M. Lorraine, city mgr.

LODI, San Joaquin Co., Cal.—W. H. Graham, Lodi, at $4,074.83 awarded cont. by city trustees for fur. 775 ft. 18-in. 660 ft. 16-in., 330 ft. 12-in., 330 ft. 10-in. and 250 ft. 8-in. conc. pipe.

SEWAGE DISPOSAL PLANTS

SANTA ROSA, Sonoma Co., Cal.—City council contemplates calling election to decide question of issuing bonds of $200,000 to finance remodeling of sewage disposal system. If bond proposal is not submitted it is planned to finance the work through a direct tax. Consulting Sanitary Eng. Clyde F. Smith, 616 Santa Barbara Rd., Berkeley, submitted recommendations to improve the system. Geo. F. Comstock is city eng.

MISCELLANEOUS CONSTRUCTION

SAN FRANCISCO—See "Government Work and Supplies," this issue.

CLAREMONT, Cal.—A portion of the Peter Fleming estate has been leased to Messrs. Hoffman and Flynn, of Los Angeles, who are said to be representatives of a corporation planning to establish a $250,000 rock crushing and gravel plant on the outskirts of Claremont. Santa Fe and P. E. Rys. run through the property. Excavations to depth of 20 ft. will be made and allowed to refill by wash.

SAN FRANCISCO—President Charles M. Levey of the Western Pacific R. R. Co., Mills Bldg., announces that an informal agreement had been made by his company with the San Francisco Chamber of Commerce looking to the reclamation of approximately 500 acres of land in Potrero, north of Islais creek and east of the Southern Pacific Railway traacks, to provide an industrial and warehouse site. If the plans in contemplation are carrled out the Western Pacific will construct a retaining wall about a mile long north of Islais creek.

WATER WORKS

GILROY, Santa Clara Co., Cal.—Chamber of Commerce conferring with city trustees regarding the enlargement of water mains and the installation of extensions. A bond election will be called to finance the improvements.

SAN FRANCISCO—See "Government Work and Supplies," this issue.

MERCED, Merced Co., Cal.—Until June 6, 2 P. M., bids will be rec. by A. L. Cowell, sect'y., Merced Irrigation District, for fur. and install. 35 deep well turbine pumps and 35 motors. Spec. and further information obtainable from sect'y, R. C. Starrett, Ch. Eng. for Dist.

OLYMPIA, Wash.—See "Public Buildings," this issue.

LOS ANGELES, Cal.—United Casting Co., 818 Wilson St., awarded contr. by public service comm., at $37.25 ea. for 300 fire hydrants under spec. No. 664.

EL SEGUNDO, Cal.—U. S. Cast Iron Pipe Co., 705 Wright & Callender Bldg., Los Angeles, submitted only bid to city trustees at $32,305.70 for c. i. pipe as follows: 2160 ft. 10-in. at $2.10 ft.; 7440 ft. 8-in. pipe at $1.56 ft.; 8400 ft. 4-in. pipe at 75.6c ft.; 6-in. fittings at 6c lb.; 4-in. fittings at 6.5c lb. An alternate bid was submitted as follows: $1.91 10 in.; $1.42 8-in.; 97.6c 6-in.; total, $29,991.86.

Pittsburg-Des Moines Steel Co. submitted low bid at same time for 100,000 steel water tank at $6640; Chicago Bridge & Iron Works bid $6800.

Byron Jackson Iron Works submitted only bid on two horizontal centrifugal pumps at $607.75 each.

Bids on gate valves were:

N. O. Nelson Mfg. Co.—$530 2-in.; $9.28 4-in.; $17.80 6-in.; $29.60 8-in.

Shinn-Holtz-Lyon Co.—$5.18, $10.10, $17.25, $28.56.

Crane Co.—$5.63, $10.64, $18.20, $20.26.

Water Works Supply Co. — $5.76, $11.75, $19.95, $32.40.

Bids on hydrants were:

Keystone Iron Works—$63, $63 and $42.75.

Crane Co.—$53.75, $41.25, and $39, with a bid on alternate type of $84.75 $60.50 and $51.30.

Madsen Iron Wks—$62, $51.50, $28.60.

Olmsted & Gillelen, 1112 Hollingsworth Bldg., Los Angeles, consulting engineers.

SAN FRANCISCO—Until June 8, 12 M., bids will be rec. by B. P. Lamb, Sect'y., Board of Park Commissioners, Park Lodge, Golden Gate Park, for fur. sea water pumps for Municipal Swimming Pool at Herbert Fleishhacker playground, Great Highway and Sloat Blvd. Cert. check 10% payable to Commission req. with each bid. Spec. obtainable from Sect'y. **See call for bids under official proposal section in this issue.**

PLAYGROUNDS & PARKS

OAKLAND, Cal.—See "Schools," this issue. School fencing.

TURLOCK, Stanislaus Co., Cal.—City votes bonds of $20,000 to finance construction of municipal swimming pool.

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SEWERS AND STREET WORK

SAN BRUNO, San Mateo Co., Cal.—Until June 13, 8 P. M., bids will be rec. by Nettie A. Willits, City Clerk, to imp. portions of Tucker, Linden, Poplar, Elm Acacia, Cypress and Hazel Aves., by const. conc. comb. conc. curbs and gutters; cem. conc. walks; grade and pave with waterbound macad. base with asphaltic oil and screenings surface; portions of Cedar, Maple, Cherry, Chestnut, Beach, Oak, Hazel, Cypress, Niles Aves., by grading and rolling; portions of Linden, Poplar, Elm, Acacia Aves. by const. rein. conc. bridges; portions of Cypress Ave., by const. rein. conc. storm water conduits; portions of Tucker, Linden, Poplar, Elm, Acacia, etc., by const. 10, 8 and 6-in. vit. sanitary sewers; br. manholes; 27, 24 and 21-in. vit. pipe storm sewers; br. storm water catchbasins; 4-in. vit. lateral sewers, etc. 1911 Act and Bond Act 1915. Cert. check 10% payable to city req. Geo. A. Kneese, Courthouse, Redwood City, Engineer.

SACRAMENTO, Cal.—J. W. Terrell, 1111 29th St., Sacramento, awarded cont by council to imp. alley bet. 33rd and 34th, from manhole in 10th Ave. to pt. 455 ft. south: const. vit. sewers; flusher branches.

COMPTON, Cal.—Bids will be called shortly to pave under 1911 Act and 1915 bond imp. act, following streets:

Acacia St., Olive, Raymond, Cocoa Sts., involv. 16,160 sq. ft. walk; 3140 ft. curb; 1570 ft. 8-in. vit. sewer; 890 ft. 6-in. hse. sewers; 3 flush tanks; 1 manhole; 261,500 sq. ft. 5-in. conc. paving; 350 ft. corru. iron culvert.

Myrrh St., involv. 4950 sq. ft. walk; 990 ft. curb; 490 ft. 8-in. sewer; 400 ft. 6-in. sewer; 1 flush tank; 96,340 sq. ft. 5-in. conc. paving; 350 ft. corru. iron culvert.

Wilmington St., involv. 240 ft. 6-in. hse. sewers; 71,700 sq. ft. 5-in. conc. paving.

sewers; 23,200 sq. ft. 5-in. conc. paving.

E. M. Lynch, Central Bldg., Los Angeles, cons. engr.

BURBANK, Cal.—George A. Simpson, 315 Jessie St., San Fernando, submitted low bid to city trustees at $16,416 to pave Grimser Ave., bet. San Fernando Blvd. and 1836 ft. north, involv. grading 60c yd.; oiled macad. paving 11.5c sq. ft.; curb 48c ft.; walk 17c ft.; gutter, 11.5c sq. ft.

SACRAMENTO, Cal.—City Commissioners, H. G. Denton, clerk, declare inten. to imp. S St., bet. 31st and 34th; const. conc. curb and gutter; place c. i. gutter drains with 6-in. vit. manhole connections; const. conc. manholes and reconst. present manholes; const. conc. walks; reset gutter drains; grade and pave with 4-in. asph. conc. 32nd St., from sewer in alley bet S St. and Serra Way to pt. 10 ft. north of S St.; const. vit. sewer and conc. manhole. 1911 Act and Bond Act 1915. Protests June 14. Albert Givan, city eng.

SACRAMENTO, Cal.—City Commissioners, H. G. Denton, clerk, declare inten. to imp. Freeport Blvd. from manhole 158.8 ft. south of Bidwell Way to pt. 4168 ft. south; const. vit. sewer; conc. manholes with c. i. covers; place c. i. gutter drains with 6-in. vit. manhole connections; place 6-in. vit. wye branches. 1911 Act & Bond Act 1915. Protests June 14. Albert Givan, city eng.

SANTA ANA, Cal.—Steele Finley has refused to sign the contr. for the La Habra road improvement, recently awarded him by the supervisors. An engineering mistake in the survey was discovered by the bond attorneys, invalidating the proceedings which will have to be started again.

SALINAS, Monterey Co., Cal. — City council, M. R. Keef, clerk, declares intention to imp. portions of West Clay, Abisal Sts., by paving with 1½-in. Warrenite-Bit surface on 2½-in. asph. conc. base; const. hyd. conc. curbs and gutters; part circle galv. corru. iron culvert drain with hyd. cem. conc. base. 1915 Bond Act. Protests June 11. Howard Cozzens, city eng.

LOS BANOS, Merced Co., Cal.—Eng. O. V. Freeman has completed spec. for an extensive paving program in Los Banas; pavement to be 3½-in. asph. conc. base with 1½-in. Warrenite surface.

MODESTO, Stanislaus Co., Cal.—City Council, L. A. Love, Clerk, declares inten. to imp. Hackberry Ave., bet. Stoddard and Morris Ave., grade; pave with 2½-in. asph. conc. base with 1½-in. Warrenite-Bit. surface; conc. curbs and gutters; conc. electroliers. "Marbelite" (type 700) complete with wires, pipe, conduit, connection boxes, conc. foundations, etc. 1911 Act and Bond Act 1915. Protests June 27. F. W. McCarton, City Eng.

MODESTO, Stanislaus Co., Cal.—City Council, L. A. Love, Clerk, declares inten. to imp. Hackberry Ave., bet. Needham and Stoddard; grade; pave with 2½-in. asph. conc. base with 1½-in. Warrenite-Bit. surface; conc. curbs and gutters; "Marbelite" conc. (type 700) electroliers complete with globes, wires, pipe, conduit, connection boxes, etc.; 1911 Act and Bond Act 1915. Protests June 27. W. F. McCarton, City Eng.

MODESTO, Stanislaus Co., Cal.—City Council, L. A. Love, Clerk, declares inten. to imp. F St., bet. 16th and 17th Sts., Grade; 2½-in. asph. conc. base with 1½-in. Warrenite-Bit. surface pavement; conc. curbs and gutters. 1911 Act and Bond Act 1915. Protests June 27. F. W. McCarton, City Eng.

COLUSA, Colusa Co., Cal.—City trustees, B. L. McCue, clerk, declares inten to grade and gravel Fremont St. bet. 10th St., and west city limits. 1911 Act. Protests June 11.

MARTINEZ, Contra Costa Co., Cal.—Preparations are being made to organize Mountain View Sanitary District. After formation an engineer will be commissioned to prepare plans to install sewer system. Project is backed by Mountain View Improvement Assn.

SANTA CRUZ, Santa Cruz Co., Cal.—Until June 12, 3 p. m., bids will be rec. by H. E. Miller, county clerk, to imp. portion of Smith grade, Seaside Rd. Dist. approx. 1113 ft. long. Spec. obtainable from County Surv. Lloyd Bowman on deposit of $5, returnable.

LOS ANGELES, Cal.—Until 10 a. m., June 11, bids will be rec. by Bd. Pub. Wks. to imp. under Vrooman Act:

53rd St., bet. Main St. and Moneta Ave., involv. 25,851 sq. ft. 6-in. conc. paving; 267.4 ft. curb; 32 ft. hse. sewers 479 cu. yds. cut.

Kane St., bet. Rosemont Avve. and Waterloo St., involv. 8069 sq. ft. grading and oiling; 600 ft. curb; 116 sq. ft. walk; 1207 sq. ft. gutter; 447 cu. yds. cut; 50 cu. yds. fill.

Twining St., bet. Pueblo Ave. and 25 ft. s.w. of Castalla Ave., involv. 13,365 sq. ft. conc. paving; 9583 sq. ft. oiling and rolling; 1905 ft. curb.

Mountain View Ave., bet. Court and First Sts., involv. 28,511 sq ft. grading and oiling; 2952 ft. curb; 200 sq. ft. conc. paving; 10,161 sq. ft. walk; 6091 sq. ft. gutter.

SAN DIEGO, Cal.—Date for rec. bids on constr. of conc. roads at Marine Corps Base, San Diego, under spec. 4766 has been extended to 11 a. m., June 6. Bids will be rec. by the bureau of yards and docks, Washington, D. C.

SAN BERNARDINO, Cal.—Until 7:30 p. m., June 11, bids will be rec. by council to imp. Magnolia Ave., bet. Arrowhead Ave and E St.; grade and pave with 4-in. cem. conc.; 1911 Act. J. H. Osborn, city clerk.

SEATTLE, Wash.—Until June 18, 10 a. m., bids will be rec. by King County Commissioners to const. and gravel 5-miles of new road from pt. 8-mi. east of Redmond to 5-mi. south toward Snoqualmie. Thos. R. Beeman, county eng.

SIERRA CITY, Sierra Co., Cal.—U. S. Bureau of Public has started surveys for Yuba Pass road unit for which $113,000 has been appropriated.

GLENDALE, Cal. — E. L. Fleming, 1007 S Boynton St., Glendale, submitted low bid to council at $19,064 to imp. Ben Lomond Dr., Glenview Rd., and other sts., involv 2008 lin. ft. grading 90c ft.; 19,900 sq. ft. walk 17c ft.; 3980 ft. curb 50c ft.; 8790 sq. ft. gutter 21c ft.; 52,208 sq. ft. 5-in. macad. paving 15c ft.; 2085 ft. 4-in. c. i. water pipe (laying only) $3260 complete. Other bids were:

W. J. Curren—$1.50 grading; 16.5c walk; 49c curb; 20.5c gutter; 12.5c paving; $3350 water pipe; total $19,843.68.

Peter L. Ferry—$1.40 grading; 18c walk; 49c curb; 20c gutter; 13c paving; $3200 pipe; total, $20,088.24.

Bob Bosco—$1.80 grading; 20c walk; 55c curb; 25c gutter; 14.9c paving; $3600 pipe; total, $23,359.89.

EUREKA, Humboldt Co., Cal.—Until June 12, 2 P. M., bids will be rec. by Fred M. Kay, County Clerk, to const. 5½-mi. of wagon road down Redwood Creek from Ericeland to State Highway, opposite mouth of Redwood Creek, in Rr. Dist. 2. Includ. const. of 4 wooden truss bridges over Redwood Creek. Cert Check 5% req. with each bid. Spec. obtainable from A. J. Logan, County Surv.

SAN JOSE, Santa Clara Co., Cal.—City Council, J. J. Lynch, Clerk, declares inten. to imp. San Pedro St., bet. Fox Ave. and Ashbury St.: Grade; pave with 1½-in. Warrenite-Bit. surface on 3-in. bituminous conc. base; 6 br. catchbasins; 8-in. vit. pipe drains; 2 conc. storm water inlets; hyd. cem. conc. walks, driveways and headers. 1911 Act and Bond Act 1905. Protests June 18. Wm. Popp, City Eng.

AUBURN, Placer Co., Cal—Until June 11, 8 p. m., bids will be rec. by Claire P. Tuttle, clerk Placer Union high School District, to imp. streets fronting high school; const. conc. curbs and gutters; paving with 5-in. conc. Cert. check 10% req. with each bid. Spec. obtainable from City Eng. Jerome E. Barieau.

COLUSA, Colusa Co., Cal.—City trustees, B. L. McCue, Clerk, declares inten. to grade and gravel Clay St., bet. A and 2nd Sts. 1911 Act. Protests June 11.

SAN JOSE, Santa Clara Co., Cal.—San Jose Paving Co., San Carlos and Dupont Sts., San Jose, awarded cont. by council to imp. 7th St., bet. Santa Clara and Empire: Grade; pave with 1½-in. Warrenite-Bit. surface on 3-in. bituminous conc. base; 2 br. catchbasins; 8-in. vit. pipe drains; hyd. conc. walks.

SACRAMENTO, Cal.—J. W. Terrell, 1111 29th St., Sacramento, awarded cont. by council to imp. portions of X and Y Sts.; 2nd Ave.; 45th St.; const. vit. sewers and conc. manholes; placing vit. flusher branches.

FRESNO, Fresno Co., Cal. — T. A. Hanrahan, 1361 P St., Fresno, awarded cont. by council to imp. Abby St., bet. Divisadero and Belmont: grade, $.049 sq. ft.; 3½-in. asph. conc. base on 1½-in. Warrenite-Bit. surface pavement, $.219 sq. ft.; conc. gutter, $.34 sq. ft.; conc. curb $.60 lin. ft.; cem. walks, $.23 sq. ft.; 12-in. corru. culvert, $5.60 lin. ft; manholes, $25 each.

OAKLAND, Cal.—Until June 7, 12 m., bids will be rec. by Eugene K. Sturgis city clerk, to imp. portions of 24th Ave: grade; const. conc. curb and gutter; oil macadam pave; cem. walks. 1911 Act. Cert. check 10% payable to city req. W. W. Harmon, city eng.

INGLEWOOD, Cal—Kuhn Bros., Manhattan Beach, awarded contr. by city trustees at $20,526 to imp. Hazel St. and portions of other sts., involv. 175,000 sq. ft. grading and preparing subgrade and 30,650 and 51,000 sq. ft. class B oiled surface 18.5c sq. ft.; 770 ft. curb, including grading 65c ft.; 30,650 sq. ft. walk 20c sq. ft.

TAFT, Kern Co., Cal.—Council will take bids shortly to imp. North St., involv. 4150 sq. ft. walk; 830 ft. curb, and 43,000 sq. ft. bitul. paving, 1½-in. ton on 3½-in. base. 1911 Act and 1915 bond imp. act. E. M. Lynch, Central Bldg., Los Angeles, constr. engr.

SALINAS, Monterey Co., Cal. — City council, M. R. Keef, clerk, declares intention to imp. portions of Avenues A, B, and C; grade; pave with 6-in. waterbound macadam; const. hyd. conc. curbs and gutters; const. part circle galv. corrugated iron culvert drains with hyd. cem. conc. base. 1915 Bond Act and 1911 Act. Protests June 11. Howard Cozzens, city engineer.

SALINAS, Monterey Co., Cal. — City council, M. R. Keef, clerk, declares intention to imp. portions of Maple, Chestnut, California Sts.; grade; pave with 1½-in. Warrenite-Bit. surface on asuph. conc. base of various thicknesses; hyd. cem. conc. curbs and gutters; const. catchbasins; connecting catchbasins with 12-in. galv. corru. iron pipe culvert; const. 4 6-in. full circle galv. iron pipe drains; 2 10-in. galv. iron corru. pipe drains. 1915 Bond Act and 1911 Act. Protests June 11. Howard Cozzens, city eng.

LOS ANGELES, Cal.—Bids will be called shortly by Bd. Pub. Wks. to const 4 sections of the water system to connect the Sawtelle or West Los Angeles dist. with the main city outfall. This work will be done under the $12,000,000 bond issue, of which bonds to the amount of $2,000,000 have been sold to Blair & Co., funds from which will be used in the various preliminary parts of the projected sewer system for greater Los Angeles. The 4 sections are Nos. 11, 12, 13, 14. Sec. 11 involves 3322 ft. 6-ft. 3-in., and 1808 ft. 7-ft. 6-in. sewer; Sec. 12, 2995 ft. 5-ft. 3-in., and 2384 ft. 6-ft. 3-in. sewer and 8.25 feet special structures. Sec. 13, 3190 ft. 4-ft. 9-in., and 3209 ft. 5-ft. 3-in., and 3402 ft. 6-ft. 3-in. sewer. Sec. 14, 8906 ft. 6-ft. 3-in. sewer and 8.25 ft. special structures. Bids will be taken on 3 types, viz: brick-conc. constr.; Ferguson segmental block, and pre-cast conc. sewer with vitrified lining. Date for opening bids has not been set as it depends on an opinion as to whether the board of public works has authority to call for bids on this work, in which case a call will be issued within 30 days; or whether the council must first pass an ordinance granting to the board authority to issue such a call, necessitating a delay of 60 days before bids can be advertised. An opinion is expected this week.

VENICE, Cal.—Until 8:30 p. m., June 4, bids will be rec. by city trustees for imp. Superba Ct., bet. Lincoln Blvd. and Linden Ave., Grade and pave with 4-in. cem. conc.; 1911 Act. J. B. Griffin, city engineer.

SACRAMENTO, Cal.—Until June 7, 9 p. m., bids will be rec. by H. G. Denton, city clerk, to imp. La Solidad Way, bet. 4th Ave and manhole in 5th Ave; const. conc. curb and gutter; c. i. gutter drains with 6-in. vit. manhole connections; reset c. i. gutter drains; const. conc. manholes; 8-in. vit. sewers with 4 and 6-in. wye branches; extend sewer services to property line; 1-in. water main connections; grade; pave with 4-in. asph. conc. 1915 Bond Act. Cert. check 10% payable to city req. Albert Givan, city eng.

LOS ANGELES, Cal.—Ducey & Breitenstein, 151 S Hill Ave., Pasadena, submitted low bid to supervisors at $21,600 to imp. Allen and Crescent Drives, in R. I. D 216, involv. 11,000 cu. yds. excav.; removing trees; 540 ft. removing conc. ditch; 6255 ft. curb; 24,255 sq. ft. gutter; 12,071 sq. yds. shaping roadway; 10,000 sq. yds. oiling, screening and rolling roadway; 12 cu. yds. conc. catchbasin and culvert; aver. haul 1.7 mi. from Altadena on P. E. Ry. Other bids were: W. D. McCray, $22,138.25; Chas G. Frisbie Co., $22,950; J. G. Beckford, $23,000; H. E. Cox, $23,900; Geo. J. Bock, $33,000.

LOS ANGELES, Cal.—Ducey & Breitenstein, 151 S Hill Ave., Pasadena, awarded contr. by city directors for imp Allen Ave., bet. Colorado St. and Santa Fe right-of-way, involv. grading 32.25 lin. ft.; 6-in. macad. paving 16c ft.; walk at 16c sq. ft.; curb 50c ft.; gutter 25c ft.; culvert extensions, (a) $650, and (b) $750.

ASTORIA, Ore.—John Slotte Co., at $282,798.20 awarded cont. by city commission to const. retaining wall for streets in area recently destroyed by fire.

SAN FRANCISCO—L. J. Cohn, 180 Jessie St., at $42,156 awarded cont. by Bd. Pub. Works to imp. intersection of Great Highway and Sloat Blvd., involv. retaining walls (lump sum) $21,500; 981 cu. yds. cut, $.40; 5536 cu. yds. fill, $.35; 450 lin. ft. stand conc. curb, $.95; 1000 lin. ft. 2x8 r. w. headers; 73,100 sq. ft. asph. conc. pavement, $.23½; 190 cu. yds. gravel surface, $3.

SAN JOSE, Santa Clara Co., Cal.—Until June 11, 8 p. m., bids will be rec. by J. J. Lynch, city clerk, to imp. Hobson St., bet. 1st and Poplar Ave.; grade; pave with 1½-in. Warrenite-Bit. surface on 3-in. Bitulithic cem. bituminous base; cons. curbs, gutters and walks; 2 hyd conc. storm water inlets; 8-in. vit. pipe drains. 1911 Act and Bond Act 1915. Cert. check 10% payable to city req. Wm. Popp, city eng.

REDWOOD CITY, San Mateo Co., Cal.—City Trustees, W. A. Price clerk, declare inten. to imp. portions of Oak Knoll, Brewster, ets., sts. and aves. grade; pave with crushed rock, rock screenings and asphaltic road oil; comb. conc. curbs and gutters; conc. walks; corru. iron arch culverts, etc. 1911 Act. Protests June 18. C. L. Dimmitt, city eng.

SAN PABLO, Contra Costa Co., Cal.—L. L. Page, 728 Bissell Ave., Richmond, at $9,801.10 awarded cont. by San Pablo Sanitary Dist. to const. 6-in. lateral sewers in portions of Gertrude, Alano, Duboce, Sanford, Willow Aves., Filbert, Kelsey, Cherry Sts., etc.; br. and conc. manholes with c. i. covers; wye branches, etc. Other bids: R. H. Downer, $11,833.94; W. J. Tobin, $16,921.60; T. E. Clinch, $11,518.40; Chambers & De Goyler, $11,183.10.

REDWOOD CITY, San Mateo Co., Cal.—City trustees, W. A. Price, clerk, declare inten. to imp. portions of Hudson, Jackson, Reese and Gordon Sts., Oak Ave., etc., by const. 8 and 6-in. vit. sewers with wyes; brick manholes, lampholes, laterals, flushtanks, etc. 1911 Act. Protests June 11, C. L. Dimmitt, city eng.

SAN JOSE, Santa Clara Co., Cal.—City Council, J. J. Lynch, clerk, declares inten. to imp. 15th St., bet. Santa Clara and Jackson; grade; pave with 1½-in. Warrenite-Bit. surface on 3-in. bituminous conc. base; hyd. conc. curbs and gutters; 2 br. catchbasins; 8-in. vit. pipe drains. 1911 Act and 1915 Bond Act. Protests June 25. Wm. Popp, city eng.

REDDING, Shasta Co., Cal. — City trustees, Leslie Engram, clerk, declare inten. to imp. Market St., bet. Trinity and North Market St., (Riverside Drive) and portions of north Market St.; grade const. conc. curbs and gutters; conc. walks; conc. catchbasins; install vit. pipe and pave with 5-in. asph. conc. consisting of 3½-in. asph. conc. base with 1½-in. Warrenite-Bit. surface. 1911 Act and Bond Act 1915. Protests June 15.

PASADENA, Cal.—Proceedings will be started soon to imp. Los Robles Ave. bet. Washington St. and north city limits, and bet. California and Glenarm Sts. It is planned to get to work on these jobs this summer. The work will be part oil macad. and concr. Those portions toward Altadena will be repaved with 6-in. oil macad. C. W. Koiner, city manager.

HANFORD, Kings Co., Cal.—Until June 11, 5 p. m., bids will be rec. by D. C. Williams, city clerk, to imp. 5th, Irwin, Phillips and portions of other streets; grade; pave with 4-in. bituminous base with 1½-in. Warrenite-Bit. surface; cem. curbs and gutters; rein. conc. and iron catchbasins; 12-in. full circle No. 14 gauge corru. iron pipe story sewers; corru. iron and conc. culverts. 1911 Act and 1915 Bond Acts. Cert. check 10% payable to city req. Ben Duffield, city eng.

LONG BEACH, Cal. — Bids rec. by council to pave Nardo Way, bet. Cedar Ave. and Solano Ct. were:

C. H. White, R. F. D. 1, Box 674 Long Beach—27c sq. ft. 4-in. conc. and bitum. protective coat; $1.25 ft. curb. J. W. Butters, 651 Stanley Ave., Long Beach—24.7c paving, 65c curb.

To pave Nyllc Ct., bet. 7th and 8th, bids were:

G. W. Sully, 615 Orange St., Long Beach—25c sq. ft. paving with 4-in. cem. conc.; $1.20 ft. curb.

C. H. White, R. F. D. 1, Box 674, Long Beach—23.5c paving, $1.25 curb.

J. W. Butters, 651 Stanley Ave., Long Beach—23.8c paving, 65c curb.

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LOS ANGELES, Cal. — Southwest Paving Co., 806 Washington Bldg., submitted low bid to supervisors at $149,-008.45 to pave Alameda St. in Rd. Dist. No. 4, bet. s city limits of Compton and n city limits of Wilmington, 5.77 mi., of conc. pavement, 27 ft. wide, averaging 8.75-in. thick, involv. (1) 90,417 sq. yds. shaping roadbed 20c yd.; (2) 90,-417 sq. yds. cem. conc. pavement $1.35 yd.; (3) 1050 sq. yds. asph. conc. pavement $2.50 yd.; (4) 4400 tons disint. granite shoulders $1 yd.; (5) 840 ft. guard fence $2 ft.; (6) 1050 sq. yds. flush coat (optional with road commissioner) 15c yd.

Other bids were: George R. Curtis (1) 35c, (2) $1.32, (3) $2.30, (4) $1, (5) $1.50, (5) 15c.

J. F. Knapp, Box 395 Ontario, (1) 12c, (2) $1.60, (3) $3.60, (4) $1.40, (5) 80c (6) 45c.

Jahn & Bressi—(1) 8c, (2) $1.67, (3) $2.35, (4) $1, (5) $1, (6) 10c.

Kaiser Paving Co.—(1) 8c, (2) $1.677, (3) $2.10, (4) 90c, (5) 75c, (6) 5c.

S. M. Kerns, 1034 Vina, Long Beach—(1) 27c, (2) $1.63, (3) $4.35, (4) $1.85, (5) $1.35, (6) 35c.

Geo. H. Oswald—(1) 7c, (2) $1.60, (3) $2.25, (4) $1.50, (5) $1, (6) 5c. (Bid figures deduction allowed county on freight rate. If not allowed add 13.5c per sq. yd. cem. concr.)

Mix, Hedstrom, Howard & James, 8-10 Horne Bldg., Long Beach—(1) 31c, (2) $2, (3) $2.65, (4) $1.10, (5) $1.65, (6) 17.5c.

Ryberg Bros., 711 Pac. Finance Bldg.—(1) 12c, (2) $2.16, (3) $2.50, (4) $1, (5) $1, (6) 10c.

Geo. S. Benson & Sons, 247 Douglas Bldg.—(1) 14c, (2) $1.63, (3) $3, (4) $1, (5) $2, (6) 50c.

H. H. Peterson, 356 Spreckels Bldg., San Diego—(1) 10c, (2) $1.80, (3) $2.25, (4) 80c, (5) $1, (6) 30c.

Wells & Bressler, 3 Calif. Bank Bldg Santa Ana—(1) 16c, (2) $1.69, (3) $2.25, (4) $1.25, (5) $1.50, (6) 25c.

Hall-Johnson Co., 1611 E 6th St.—(1) 27c, (2) $2.10, (3) $2.25, (4) $1.50, (5) $1, (6) 30c.

Griffith Co.—(1) 15c, (2) $1.64, (3) $2.70, (4) $1, (5) $1, (6) 10c.

Southern Constr Co., 511 Kerckhoff Bldg.—(1) 9c, (2) $1.66, (3) $2.50, (4) $1, (5) $1.75, (6) 20c.

W. D. McCray, 416 Amer. Bank Bldg.—(1) 8c, (2) $1.845, (3) $2.50, (4) $1, (5) $1.25, (6) 12c. (Bid based on commercial freight rate of 50c per ton)

J. G. Beckjord, 718 San Fernando Bldg.—(1) 50c, (2) $1.70, (3) $3, (4) 75c, (5) $1.50, (6) 10c.

Independent Paving Co., Long Beach—(1) 15.75c, (2) $1.7325, (3) $2.25, (4) $1, (5) $1.25, (6) 27c.

Chas. Thompson and M. O. Packard, Jr., 1130 Loew's State Bldg.—(1) 30c, (2) $1.82, (3) $2.60, (4) 95c, (5) $1, (6) 20c. (Option of Rd. Comm.)

Chas. W. Wimmer, 818 O St., Bakersfield—(1) 20.6c, (2) $1.44, (3) $2.50, (4) 95c, (5) 46c, (6) 50c.

(Bids referred to County Road Comm. Geo. W. Jones.)

OAKLAND, Cal.—See "Schools," this issue. Oil surfacing.

BOISE, Idaho.—J. C. McGuire, Pocatello, Idaho, at $211,788 awarded cont. by State Bureau of Highways to pave with bituminous conc. on gravel base, 6.78 mi. of Yellowstone Park Highway in Bingham county; 3 bridges included in project.

ONTARIO, Cal.—City Service Mgr. O. F. Roen preparing spec. to pave Vine Ave., bet. State and 4th Sts., approx. 1¼ mi.; widening and paving of Laurel and Lemon Aves., and B Sts., 1½ mi. and for the constr. of a sewer system in the College Park tract. Work under Vroomap Act.

LOS ANGELES, Cal. — Council declares inten. to imp. Oakwood Ave., bet. Normandie Ave. and Normandie Pl. and portions of other sts.; grade and pave with 5-in. cem. conc.; also 4-in. bitum. pavement; also grading and oiling; const. cem. curb, 5-ft. walks and gutter; 1911 act.

SANTA ANA, Cal.—City Engr. W. G. Knox preparing spec. to pave 12 of the principal thoroughfares with 5-in. concrete.

NEVADA—Until June 20, 2:30 p. m., bids will be rec by State Highway Commission, Geo. W. Borden, ch. eng., to const. 4.99 mi. of highway in Churchill county, bet. east city limits of Fallon to pt. 4.99 mi. south, involv. 4.99 mi. prepare subgrade and shoulders; 44,400 sq. yds. asph. macadam base course; 44,400 sq. yds. asph. macadam 2nd course and 44,400 sq. yds. seal coat. State furnishes crushed rock and screenings in stock pile at Fallon and "E" Grade asph. f. o. b. tank cars, Fallon. Plans obtainable from Commission on deposit of $15, returnable, and are on file with the Division Offices of the Commission in Reno, Las Vegas and Elko and the office of the Bur. of Pub. Rds., Mills Bldg., San Francisco.

CHULA VISTA, Cal. — The $44,000 bond issue to pave National Ave. carried at recent election.

WASHINGTON, D. C. — Secretary Wallace announces that Federal Aid will be provided for the construction of the Victory Highway from Salt Lake City through Nevada to Sacramento and San Francisco. An expenditure of $75,-000 from the National Forest Highway funds on the Crescent City-Grants Pass rd. in Del Norte county bet. the Oregon state line and the tunnel site and $143,-000 for 13 mi. of the Yuba Pass Highway in Sierra county bet. Gold Lake rd. junction and Sattley in the Sierra Natl. Forest have also been provided.

SANTA BARBARA, Cal.—County Engineer Owen H. O'Neill preparing plans for H St. road to the state highway at Harris station. The supervisors appropriated $60,000 from the general fund for the bridge that will be necessary at the foot of H St. A bond election to raise $200,000 for the roadwork will be held sometime this summer. H. M. Cooley and assistants will do the engineering work on this job under the supervision of the county engr.

SANTA MONICA, Cal.—Until 10 a. m., June 8, bids will be rec. by council to imp. Kensington Rd., bet. Kensington Beverly Ave., 7th St., bet. Kensington Rd. and Central Ave., Cedar St., bet. 7th and 8th Sts., and Pine St., bet. 7th and 8th Sts.; grade and pave with oil and rock pavement, involv. 157,541 sq. ft. grading; 109,467 sq. ft. paving; 33,-283 sq. ft. walk; 2200 ft. class A curb; 3688 ft. class B curb; 2583 ft. 6-in. vit. pipe sewer; 60 wyes; 5 flushing manholes; 4 junction chambers; 3 manholes 1 drop hole; one lamp hole; 20 ft. vit. pipe hse. connections. 1911 Act. John A. Morton, city engr.

YUMA, Ariz.—Until 10 a. m., June 7, bids will be rec. by supervisors for approx. 2000 tons asph. conc. mixture, to be laid on Ave. B, bet. 8th and 14th Sts., on 14th St., bet. Ave. B and Somerton Ave., and on Somerton Ave., bet. 14th and 16th Sts., in Yuma Valley. Cert check 5%. Sara B. Glessner, clerk.

SONORA, Tuolumne Co., Cal.—Until June 11, 2 p. m., bids will be rec. by county supervisors to const. portion of highway from city limits of Sonora to Sierra railway depot. Spec. on file in office of county clerk.

NEVADA—Until June 20, 1923, 1:30 p. m., bids will be rec. by State Highway Commission, Geo. W. Borden, ch. eng., to const. 3.70 mi. highway in Washoe county bet. Reno and Lawtons, involv. 19,580 sq. yds. cement conc surface in place; 3600 cu. yds. loading gravel for gravel surface; 5600 yd. mi. hauling gravel for gravel surface; 3600 cu. yds. spreading gravel for gravel surface; 200 lin. ft. cem. conc. gutter; 3.70 mi. prepare subgrade for conc. surface; 3.70 mi. prepare subgrade for gravel surface; 3.70 mi. building shoulders. State furnishes: cem. for conc. surface and gutter, f. o. b. Reno or Lawtons; rock and sand for conc. surface and gutter in stock piles in Reno or Lawtons and gravel for gravel surface. Plans obtainable from Commission on deposit of $15, returnable, and are on file with Division Offices at Reno, Las Vegas and Elko and the office of the Bur. of Pub. Rds., Mills Bldg., San Francisco.

BERKELEY, Alameda Co., Cal.—Until June 12, 10 a. m., bids will be rec. by E. M. Hann, city clerk, to imp. Telegraph Ave., bet. Dwight Way to Alliston Way and Bancroft Way from Dana to pt. 277.23 ft. east of Telegraph Ave., by widening, setting curb back 2 ft.; const. double strength vit. ironatone sewers; br. manhole; catchbasins with 12-in. vit. sewer connections; remove culvert; const. armored conc. curbs and gutters in portions. 1911 Act and Bond Act 1915. Cert. check 10% city req. C. L. Huggins, city eng.

LOS ANGELES, Cal.—Griffith Co., L. A. Ry. Bldg., submitted low bid to Bd. Pub. Wks. to imp. Porter St., bet. Santa Fe Ave. and 895.75 ft. east, involv grading at $3000 (lump sum); 60,930 sq. ft. asph. paving 25.5c sq. ft.; 112 ft. curb 70c ft.; 227 sq. ft. walk 24c ft.; 1900 sq. ft. 8-in. gutter 26c ft.; 120 ft. hse. sewers $1.50 ft.

L. A. Paving Co., Inc., 2900 Santa Fe Ave., low bidder to imp. Francis Ave., bet. Hoover St. and Vermont Ave., involv. grading at $3892 (lump sum); 166 sq. ft. conc. paving 26c ft.; 103,121 sq. ft. Warrenite-Bitul. paving 25.9c ft.; 137 ft. curb 75c ft.; 1725 sq. ft. walk 24c ft.; 5484 sq. ft. gutter 33c ft.; 273 ft. hse sewers $1.95 ft.

LOS ANGELES, Cal.—Baker & Kineman, 739 H. W. Hellman Bldg., submitted low bid to supervisors at $21,246.38 to imp. Vine Vale bet. Baker and Florence Aves. and portions of other sts. under County Imp. No. 15, in Rroad Div. 402, 4610 lin. ft. involving 6196 cu. yds. excav. 58c yd.; 9040 ft. curb 60c ft.; 36,164 sq. ft. walk 21c ft.; 164,442 sq. ft. oiling and screenings roadway 3c ft.

Baker & Kinsman, 732 H. W. Hellman Bldg., submitted low bid to imp. Menlo Ave., bet. 146.4 ft. n of 65th St. and 143 ft. south of 69th St., involv. grading at $500 (lump sum); 52,830 sq. ft. oiling and rolling 7c ft.; 2944 sq. ft. walk 22c ft.; 6086 sq. ft. conc. gutter 30c ft.

LOS ANGELES, Cal.—Wm. Liddington, 420 E 60th St., submitted low bid to Bd. Pub. Wks. to Imp. Compton Ave. bet. Vernon Ave. and s city limits, involving grading at $6900 (lump sum); 360,386 sq. ft. 6-in. conc. paving 22.6c ft.; 36 ft. curb 70c ft.; 35 sq. ft. walk 20c ft.; reinf. conc. culvert complete $300; 1560 ft. hse. sewers $1.65 ft.

NAPA, Napa Co., Cal.—Until June 11, 7:30 p. m., bids will be rec. by H. T. Thompson, city clerk, to imp. G St., bet. Seminary and Brown and Edmonston St., bet. Pearl and Clinton; grade; const. conc. curbs; pave with 2-course asph. macadam, 40-ft. wide; catchbasins. 1911 Act. Cert. check 10% payable to city req. H. A. Harrold, city eng.

LOS ANGELES, Cal.—No bids were rec. by supervisors May 28, for paving Palmdale Rd., south from Palmdale to Shoemakers Ranch, under R. D. I. No. 237. This is the second time this work has been advertised, only one bid being received previously, that of Geo. H. Oswald at $615,000, which was rejected.

LOS ANGELES, Cal.—Jahn & Bressi, 522 Byrne Bldg., awarded cont. by Bd. Pub. Wks. at $79,002.28 for imp. Compton Ave., bet. Vernon Ave. and s city limits, involv. grading at $8200 (lump sum); 360,386 sq. ft. 6-in. conc. paving 23c ft.; 36 ft. curb 70c ft.; 35 sq. ft. walk 24c ft.; reinf. conc. culvert complete $350; 1560 ft. hse. sewers at $1.25 foot.

PASADENA, Cal.—Until 10 a. m., June 13 bids will be rec. by city directors to const. vit. pipe sewer of 8-in. to 16-in. dia. in various streets including Arroyo Blvd., bet. Washington and Montana Sts. and portions of other sts. in the n.w. part of the city. W. C. Earle, city engr., estimates 86,000 lin. ft. or 16.3 mi. of sewer pipe, ranging in size from 8 to 16 inches, will be laid and 3322 "Y" branches and 4-in. hse. sewers, 299 manholes and 70 flush tanks will be required. Est. cost, $112,-000. In order to safeguard the water supply 1218 ft. of the sewer pipe passing over water tunnels near Devil's Gate dam will be laid in concrete.

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Contracts Awarded Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

$1,000 and Over Reported

The following is an index for the contracts for this issue.

No.	Owner	Contractor	Amt.
2107	Phelan	Owner	15000
2108	Smith	Owner	3000
2109	Gregor	Owner	2000
2110	Elendon	Johnson	2800
2111	Birk	Owner	6000
2112	Wilson	Carusio	5000
2113	Tieso	Owner	5000
2114	Flier	Janssen	4000
2115	Coustette	Owner	5000
2116	Johnson	Owner	1000
2117	Landers	Pearson	1800
2118	Lesser	Owner	22500
2119	Barry	Meyer	19630
2120	McAllister	Hardy	33200
2121	Binet	Owner	12000
2122	Sullivan	Olson	3000
2123	Hinkel	Owner	500
2124	Blake	Owner	3000
2125	Hicks	Owner	12000
2126	Karib	Owner	10000
2127	Farrell	Chiappa	1000
2128	St. Stephens	Scott	1000
2129	Moeller	Meyer	21000
2130	Green	Arnott	8400
2131	McKillop	Owner	75000
2132	Tuggle	Hodhunter	25000
2133	Feerick	Feerick	12000
2134	Rickey	Decker	1307
2135	Spring Valley	Vensano	——
2136	Bonzani	Cox	7632
2137	Bauer	Owner	10000
2138	Real Estate	Wagner	15000
2139	Loewe	Owner	9500
2140	Travers	Brown	6000
2141	Ludwig	Owner	3000
2142	Wade	Lang	5000
2143	Parkside	Owner	12000
2144	Raabe	Olson	7450
2145	Allyne	Standard	6360
2146	Moneta	Arnott	24584
2147	Sullivan	Johnson	12675
2148	Levin	Owner	60000
2149	Barton	Owner	9000
2150	Bennett	Owner	4000
2151	Getz	Owner	3000
2152	Montgomery	Owner	4000
2153	Carlson	Pearson	3000
2154	Anderson	Owner	8000
2155	Speigelman	Abrahamson	31500
2156	Clifford	Kelly	7987
2157	Binet	Owner	8000
2158	Binet	Owner	5000
2159	Perry	Helbing	19000
2160	Gust	Owner	4000
2161	Olivi	Owner	18000
2162	Chevesich	Lindeman	11889
2163	Grant	Hansen	7000
2164	Matraia	Jensen	2323
2165	Same	Same	2036
2166	Same	Same	2011
2167	Same	Same	2407
2168	Same	Same	2568
2169	Same	Same	2348
2170	Same	Herrings	12100
2171	Imbert	Zinkand	17962
2172	Nelson	Owner	3000
2173	Hamill	Owner	16000
2174	Sommer	Owner	1000
2175	Doherty	Owner	4000
2176	Arnott	Arnott	7600
2177	Homstead	Owner	2000
2178	Mullen	Vukicevich	14000
2179	McEnery	Owner	9000
2180	Sullivan	Hjul	10000
2181	MacDonald	Owner	15000
2182	Woolworth	MacDonald	12500
2183	Christensen	Owner	3000
2184	Sweeney	Sweet	1450
2185	Berhend	Lindeman	5000
2186	Weissbein	Owner	1000
2187	Gundlach	Ferguson	1450
2188	Feerick	Owner	4000
2189	Brown	Higgins	3210
2190	Brown	Hooper	20450
2191	Becker	Buschke	14295
2192	Mercantile	Mission	340
2193	Mercantile	Reed	669
2194	Mercantile	Morton	4829
2195	Mercantile	Hallensleben	507
2196	Mercantile	Noonan	675
2197	Mercantile	Gilmour	2100
2198	Mercantile	Percy	361
2199	Mercantile	Crowe	100
2200	Mercantile	Collonan	449
2201	Mercantile	Neal	800
2202	Hicks	Sartorio	9250
2203	Nicholson	Wilson	9277
2204	Allyne	O'Mara	9770
2205	Allyne	Turner	4760
2206	Fitzhugh	Sibley	2490
2207	Fitzhugh	Sibley	2490
2208	Fitzhugh	Spargo	32250
2209	Fitzhugh	Forderer	977

APARTMENTS

(2107) N GROVE 106 E Clayton. 3-story and basement frame (16) apts
Owner—P. J. Phelan, 480 Funston Ave., San Francisco.
Architect—A. H. Knoll, Hearst Bldg., San Francisco. $15,000

DWELLING

(2108) E 36th Ave. 150 N Fulton. 1-story and basement frame dwelling.
Owner—Robt. H. Smith, 5754 Geary St., San Francisco.
Plans by owner. $3000

DWELLING

(2109) SW KEITH AND QUESADA. 1-story and basement frame dwlg.
Owner—Louis Gregor, 1500 Quesada St. San Francisco.
Architect—None. $2000

DWELLING

(2110) W GRANADA 250 N Lakeview. 1-story and basement frame dwlg.
Owner—Louis Elendon, 1141 Divisadero St., San Francisco.
Architect—None.
Contractor—Jos. Johnson, 1141 Divisadero St., S. F. $2800

DWELLING

(2111) E FOURTH AVE. 31-4 13/16 S Cabrillo. 2-story and basement frame dwelling.
Owner—Emil Birk, 268 17th Ave., S. F.
Plans by owner. $6000

DWELLING

(2112) W PARKER AVE. 596 N Euclid. 1-story and basement frame dwelling.
Owner—W. W. Wilson, 3818 California St., San Francisco.
Architect—None.
Contractor—L. M. Carusio, 3917 Balboa St., San Francisco. $5000

STORE & FLATS

(2113) N TWENTY-SECOND 120 E Guerrero. 2-story and basement frame stores and (2) flats.
Owner—Frank Tieso, 3274 Mission St., San Francisco.
Architect — A. W. Richardson, 941 Church St., S. F. $5000

DWELLING

(2114) W TWENTY-SECOND 275 N Geary. 1-story and basement frame dwelling.
Owner—P. Flier, 671 26th St., S. F.
Architect—Non.
Contractor—E. S. Janssen, 402 Hearst Bldg., S. F. $4000

ALTERATIONS

(2115) W SCOTT 100 N Lombard. Raise and remodel for (4) flats.

STOCKHOLDERS AUXILIARY CORP.

INSURANCE { FIRE SURETY BONDS CASUALTY

PHONE DOUGLAS 6000
550 MONTGOMERY ST.

Owner—H. P. Coustette, 3227 Scott St., San Francisco.
Architect—Evans & Co., 359 Pacific Bldg., San Francisco. $5000

GARAGE
(2116) ARTHUR AND RAILROAD Ave. One-story frame truck garage.
Owner—J. G. Johnson, 333 Kearny St., San Francisco.
Architect—None. $1000

UNDERPIN
(2117) NO. 2867 CLAY. Underpin west wall of dwelling.
Owner—Thomas Landers, 809 Scott St., San Francisco.
Architect—None. $1800

ALTERATIONS
(2118) NO. 981-89 MARKET. Erect terra cotta tile partitions in stores and lofts; remodel front; reinforced concrete work, etc.
Owner—Lesser Realty Investment Co., 74 New Montgomery St., S. F.
Architect—Bernard J. Joseph, Rm. 522, 74 New Montgomery St., San Francisco. $22,500

COTTAGES
(2119) SW ANZA AND FORTY-FIRST Ave S 100xW 81-6 All work for four six-room cottages.
Owner—Wm. H. Barry, 1st Nat'l. Bk. Bldg., San Francisco.
Architect—None.
Contractor—Meyer Bros., 5326 Geary St., San Francisco.
Filed May 24, '23. Dated May 18, '23.
Frames up $4907.50
Brown coated 4907.50
Completed 4907.50
Usual 35 days..... 4907.50
TOTAL COST, $19,630.00
Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

APARTMENT BLDG.
(2120) NE DUBOCE AVE. & PEARL N 75 x E 55 M B 22. All work for 2-story and basement frame apartment building.
Owner—Walter F. & Carrie McAllister, 271 30th St., S. F.
Architect—A. M. Hardy, 618 24th Ave., San Francisco.
Contractor—A. M. Hardy, 618 24th Ave., San Francisco.
Filed May 24, 1923. Dated May 21, 1923. Payments to be made on presentation of original invoices and statement of weekly payroll.
At completion deed of trust for $2000 to be given to contractor.
TOTAL COST, $33,200
Bond, Sureties, Forfeit, none; Limit, 120 days after May 28, 1923; Plans and specifications filed.

FRAME FLATS
(2121) E SHRADER 25 and 50 S Parnassus. Two two-story and basement frame (2 in each) flats.
Owner—John J. Binet, 275 Clarmont Bldvd., San Francisco.
Architect—None. $6000 each

DWELLING
(2122) E JULES AVE 300 S DeMountford. One-story and basement frame dwelling.
Owner—Mrs. A. G. Sullivan, 240 Jules Ave., San Francisco.
Architect—None.
Contractor—Olson & Sullivan, 240 Jules Ave., San Francisco. $3000

FRAME FLATS
(2123) W TWENTY-FOURTH AVE 125 N Fulton. Two-story and basement frame (2) flats.
Owner—Hinkel Bros., 1204 Castro St., San Francisco.
Architect—None. $5000

DWELLING
(2124) E TWENTY-NINTH AVE 125 S Balboa. One-story and basement frame dwelling.
Owner—Charles Blake, 62 Ramona St., San Francisco.
Architect—None. $3000

STORE, ETC.
(2125) NW POLK AND BONITA. One story and basement frame store and rooms.
Owner—W. H. Hicks, 425 Kearny St., San Francisco.
Architect—W. H. Crim Jr. and Hamilton Murdock, 425 Kearny St., San Francisco. $12,000

RESIDENCES
(2126) W FORTY-FIFTH AVE 55 and 90 S Geary. Two two-story and basement frame residences.
Owner—Paul Karib, 180 Jessie St., San Francisco.
Architect—J. C. Hladik, Monadnock Bldg., San Francisco. $5000 each

ALTERATIONS
(2127) NO. 1038 CLAY. Alterations and general repairs to residence.
Owner—P. Farrell, Premises.
Architect—None.
Contractor — C Chiappa, 1109 Montgomery St., San Francisco, $1000

REPAIRS
(2128) NO. 862 FULTON. Repair fire damage to church.
Owner —St Stephens Church, Premises
Architect—None.
Contractor—F. H. Scott, 1511 Ellis St., San Francisco. $1000

DWELLINGS
(2129) E FORTY-EIGHTH AVE 30 and 55 S Balboa.
W FORTY-SEVENTH AVE 25, 50, 75, 100 and 125 S Balboa. Seven one-story and basement frame dwellings.
Owner—Gustave Moeller, 2221 Clement St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Meyer Bros., 5326 Geary St., San Francisco. $3000 each

DWELLINGS
(2130) E THIRTY-SIXTH AVE 36, 46 and 96 N Irving. Three one-story and basement frame dwelling
Owner — Chas. Green, Crocker Bldg., San Francisco.
Architect—None.
Contractor—Jas. Arnott & Son, 236 Granville Way, S. F. $2800 each

APARTMENTS
(2131) N GEARY 137-6 W Hyde. Five-story and basement concrete (23) apartments.
Owner—Daniel McKillop, 540 Cole St., San Francisco.
Architect—None. $75,000

APARTMENTS
(2132) E LARKIN 110 S Greenwich. Three-story and basement fraame (6) apartments.
Owner—Mrs. W. H. Tuggle, 2632 Larkin St., San Francisco.
Architect—A. J. Fabre and E. H. Hildebrand, 110 Sutter St., San Francisco
Contractor—Geo. C. Todhunter, 1088 Ashbury St., S. F. $25,000

FRAME FLATS
(2133) E TWENTY-FIFTH AVE 150 and 175 S Cabrillo. Two two-story and basement frame (2) flats.
Owner—P. J. Feerick, 757 9th Ave., San Francisco.
Architect—Andrew H. Knoll, Hearst Bldg., San Francisco.
Contractor—P. J. Feerick, 757 9th Ave., San Francisco. $6000 each

ELECTRIC WORK
(2134) N FOURTEENTH 151-2 W Howard W 149-6xN114-9. All electric work for one-story Class C building.
Owner—Arthur J. Rickey and Wm. F. Schimpferman (as The City Rough Dry Laundry), 1672 15th St., S. F.

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Architect—Frederick H. Meyer and Albin R. Johnson, Bankers' Invst. Bldg., San Francisco.
Contractor—Decker Elec. Constr. Co., 149 New Montgomery St., S. F.
Filed May 25, '23. Dated Apr. 30, '23.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $1307
Bond, $653.50. Sureties, United States Fidelity & Guaranty Co. Limit, 100 days. Forfeit, none. Plans and specifications filed.

RESERVOIR
(2135) ½ BLK BDED BY TWENTY-ninth, Day, Stanford Heights Ave and Fowler Ave. All work for construction of reservoir.
Owner—Spring Valley Water Co., 375 Sutter St., San Francisco.
Architect—None.
Contractor—H. C. Vensano, 58 Sutter St., San Francisco.
Filed May 25, '23. Dated May 25, '23.
On or before 15th of ea month 75%
Usual 35 days..... 25%
TOTAL COST—20c per sq. yd. for stripping of surface soil; 98c per sq. yd for excavation; 60c per sq. yd. for trimming slopes; 50c per sq. yd. for 10 ft. bench slope; 30c per sq. yd. for concrete; $19.50 per cu. yd. for reservoir lining; $182 for setting gates and pipes in outlet tower; $10,975 for roofing reservoir.
Bond, $35,000. Surety, The Fidelity & Casualty Co. of New York. Limit, 150 days. Forfeit, $25. Plans and specifications filed.

RESIDENCE
(2136) W DOLORES 39 N 30th N 25 x W 90. All work for 1-story frame residence.
Owner—Jos. C. Bonzani, 148 Highland Ave., San Francisco.
Architect — Eames & Jorgensen, 454 California St., San Francisco.
Contractor—Cox Bros., 1309 9th Ave., San Francisco.
Filed May 25, 1923. Dated May 23, 1923.
Frame up $1908
Brown coated 1908
Completed and accepted 1908
Usual 35 days 1908
TOTAL COST, $7632
Bond, Sureties, Forfeit, none; Limit, 90 days; Plans and specifications filed.

SHOP
(2137) W MARIPOSA 50 N Hampshire Two-story frame cooperage shop.
Owner — Bauer Cooperage Co., 2121 Folsom St., San Francisco.
Architect — Evans & Co., 359 Pacific Bldg., San Francisco. $10,000

ADDITION
(2138) N SEVENTEENTH bet. Arkansas and Connecticut. One-story brick addition to warehouse.
Owner—Real Estate Development Co., Hearst Bldg., San Francisco.
Architect—None.
Contractor—Geo. Wagner, 251 Kearny St., San Francisco. $15,000

FRAME FLATS
(2139) W DOLORES 76-6 E Jersey. Two-story and basement frame (2) flats.
Owner—Wm. G. Loewe, 373 Russ Bldg., San Francisco.
Architect—Arthur T. Ehrenpfort, 373 Russ Bldg., San Francisco. $9500

RESIDENCE
(2140) NE NINTH AVE & LAWTON. Two-story and basement frame residence.
Owner—R. H. Travers.
Architect—Edw. E. Young, 2002 California St., San Francisco.
Contractor—Mr. Brown, 1455 Union St., San Francisco. $6000

ALTERATIONS
(2141) NO. 1144 GUERRERO. Remodel three-story residence for flats.
Owner—Wm. Ludwig, 754 Capp St., San Francisco.
Architect—None. $3000

DWELLING
(2142) N DEWEY BLVD. 44 E Circle (Forest Hill). One-story and basement frame dwelling.
Owner—L. B. Wade, 219 1st National Bank Bldg., San Francisco.

Architect—H. Stoner, 219 1st National Bank Bldg., San Francisco.
Contractor—Lang Realty Co., 1st Nat'l. Bank Bldg., S. F. $5000

DWELLINGS
(2143) E THIRTY-FIFTH AVE 125, 150 and 275 S Taraval. Three one-story and basement frame dwlgs
Owner—Parkside Realty Co., 617 Crocker Bldg., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. $4000 each

ALTERATIONS
(2144) E NOE — N Fourteenth No. 23, 25 and 27 Noe. All work except painting for alterations to three-story frame building.
Owner—Mrs. Cora Raabe, 21 Noe St., San Francisco.
Architect—None.
Contractor—Andrew Olson & S. Persson 289 Fell St., San Francisco.
Filed May 26, '23. Dated May 24, '23.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $7450
Bond, none. Limit, 100 days. Forfeit, none. Plans and specifications filed.

ELECTRICAL WORK
(2145) W MISSION AND ECKER and 275 SW First SW 47 NW 112-6 SW 47 NW 75 NE 94 SE 187. Electrical work for building.
Owner—Lucy H. and Edith W. Allyne, 2609 Gough St., San Francisco.
Architect—Reid Bros., California Pacific Bldg., San Francisco.
Contractor—Standard Elec. Constr. Co., 60 Natoma St., San Francisco.
Filed May 26, '23. Dated May 22, '23.
When conduits on 1st floor.... 75%
As work is installed on each successive floor 75%
Usual 35 days..... 25%
TOTAL COST, $6360
Bond, $3030. Surety, U. S. Fidelity & Guaranty Co. Limit, forfeit, none. Plans and specifications filed.

RESIDENCES
(2146) N HEARST 120, 150, 180, 210, 240, 270 and 90 W Foerster W 30x N 100 Ptn Blk 11, Sunnyside. All work for seven one-story and basement frame residences.
Owner—Moneta Investment Co., Pacific Bldg., San Francisco.
Plans by Owner.
Contractor—Jas. A. Arnott & Son, 235 Granville Way, San Francisco.
Filed May 26, '23. Dated May 1, '23.
Frame work completed.....$6146
Brown coated 6146
Completed and accepted..... 6146
Usual 35 days..... 6146
TOTAL COST, $24,584
Bond, none. Limit, 10 days. Forfeit, none. Plans and specifications filed.

BUILDING
(2147) W GUERRERO 33 N Dorland W 80xN 25. All work for two-story and basement frame bldg.
Owner—Thos. W. Sullivan, 1942 Folsom St., San Francisco.
Architect—John J. Foley, 770 5th Ave., San Francisco.
Contractor—Fred S. Johnson, Northern Hotel, San Francisco.
Filed May 26, '23. Dated May 16, '23.
Roof finished $3168
Brown coated 3168
Completed and accepted..... 3168
Usual 35 days..... 3171
TOTAL COST, 12,675
Bond, none. Limit, 95 days. Forfeit, none. Plans and specifications filed.

THEATRE
(2148) S UNION 129-6 E Webster. One-story Class A steel and concrete theatre.
Owner — S. H. Levin, Chronicle Bldg., San Francisco.
Architect—Reid Bros., 105 Montgomery St., San Francisco. $60,000

FRAME FLATS
(2149) E PACHECO 275 S Geary. Two-story and basement frame (2) flats.
Owner—Joseph W. Barton, 2960 Broadway, San Francisco.
Architect — M. W. Morrison, 710 41st Ave., San Francisco. $9000

DWELLING
(2150) N ANZA 50 E Forty-sixth Ave. One-story and basement frame dwelling.
Owner—A. P. Bennett, 640 Post St., San Francisco.
Architect—None. $4000

DWELLING
(2151) E TWENTY-SEVENTH AVE 125 N Judah. One-story and basement frame dwelling.
Owner—Sol Getz & Son, SW 24th Ave. and Lincoln Way, S. F.
Plans by Owner. $3000

DWELLING
(2152) S ULLOA 25 E Granville. One-story and basement frame dwlg.
Owner—E. J. Montgomery, 1320 Broadway, San Francisco.
Architect—T. Paterson Ross, 310 California St., S. F. $4000

DWELLING
(2153) W WOOLSEY 82 NE Brussels. One-story and basement frame dwelling.
Owner—Olof Carlson, 318 Holyoke St., San Francisco.
Architect—None.
Contractor—Aug. Pearson, 256 Routwell St., San Francisco. $3000

DWELLINGS
(2154) W NAPLES 175, 200, 225 and 250 N Peru. Four one-story and basement frame dwellings.
Owner—K. Anderson, 133 Bertita St., San Francisco.
Architect—None. $2000 each

RESIDENCE
(2155) GORE COR. MERCEDES WAY and Cerritos Ave. Two-story and basement frame residence.
Owner—M. Speigelman, 1636 Bryant St., San Francisco.
Architect—S. Helman, 57 Post St., San Francisco.
Contractor—H. Abrahams, 134 Hale St., San Francisco. $31,500

FRAME FLATS
(2156) N TWENTY-SIXTH 228 E Church. Two-story and basement frame (2) flats.
Owner—A. W. Clifford, 3937 26th St., San Francisco.
Architect— Powers & Ahnden, 460 Montgomery St., San Francisco.
Contractor—R. E. Kelly, 168 Hancock St., San Francisco. $7987

APARTMENTS
(2157) E SHRADER 75 S Parnassus. Two-story and basement frame (4) apartments.
Owner—John J. Binet, 275 Claremont Blvd., San Francisco.
Architect—None. $8000

DWELLING
(2158) E SHRADER 100 S Parnassus One-story and basement frame dwelling.
Owner—John J. Binet, 275 Claremont Blvd., San Francisco.
Architect—None. $5000

APARTMENTS
(2159) SE POLK AND LOMBARD STS. 3-story and basement frame (6) apartments.
Owner—Jennie Perry, 1332 Lombard St. San Francisco.
Architect—None.
Contractor—The Helbing Co. 1332 Lombard St., S. F. $19,000

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33 Kearny 895 Market

DWELLINGS
(2160) E PRIM 25 & 50 S Rhine. Two 1-story and bascment frame dwlga.
Owner—Charles Gust, 41 Shakeapear St San Francisco.
Architect—Burt Goungt, 1130 Gillman Ave., S. F. $2000 each

FLATS
(2161) NW LOMBARD AND FRANKlin Streets. 2-story and basement frame (4) flats.
Owner—R. J. Olivi, 1339 Greenwich St., San Francisco.
Architect—J. A. Porporato, 619 Washington St., S. F. $18,000

BUILDING
(2162) NE ANZA & TWELFTH AVE. All work for 2-story and basement frame building.
Owner—Ernest V. & Dora S. Chevesich, 1420 Balboa St., S. F.
Architect—W. R. Lindeman, 530 Balboa St., San Francisco.
Contractor—W. R. Lindeman, 530 Balboa St., San Francisco.
Filed May 28, 1923. Dated April 18, 1923
Roof on $2125
Rough plastered 2125
Finished 2125
Deed of trust for 3389.50
Usual 35 days 2125
TOTAL COST, $11,889.50
Bond, Sureties, none; Forfeit $5; Limit, 125 days; Plans and specifications filed.
NOTE—Permit reported May 3, 1923, No. 1765.

RESIDENCE
(2163) LOTS 31 & 30 & E 12-6 Lot 29 Blk 27 Lakeview. All work for 1-story frame residence.
Owner—Fred E. & Antoinette M. Grant, 20 Joy St., San Francisco.
Architect—None.
Contractor—H. E. Hansen, 423 30th Ave San Francisco.
Filed May 18, 1923. Dated—.
Frame up and enclosed.....$1750
Brown coated 1750
Completed and accepted 1750
Usual 35 days 1750
TOTAL COST, $7000
Bond, $3500; Sureties, M. B. McGovern; Forfeit, none; Limit, 90 days; Plans and specifications filed.

PLASTERING
(2164) INT. S MIRANDA GRANT AND W Lyon W 92.07 N 277.87 E 57-9 S 279.84. Plastering for house No. 1 Plan No. 1.
Owner—Carlo Matraia, % Architect.
Architect—August G. Headman, Call Bldg., San Francisco.
Contractor—H. W. Jensen.
Filed May 28, '23. Dated May 23, '23.
Brown coated $871.00
Completed and accepted..... 871.00
Usual 35 days..... 681.09
TOTAL COST, $2323.00
Bond, $1162. Sureties, Theo. Binner & John Lynch. Limit, 40 days. Forfeit, $10. Plans and specifications filed.

(2165) PLASTERING FOR HOUSE No. 2 Plan 1, on above.
Contractor—H. W. Jensen.
Filed May 28, '23. Dated May 23, '23.
Brown coated $763.50
Completed and accepted..... 763.50
Usual 35 days..... 509.69
TOTAL COST, $2036.59
Bond, $1019. Sureties, Theo. Binner & Jno. Lynch. Limit, 40 days. Forfeit, $10. Plans and specifications filed.

(2166) PLASTERING FOR HOUSE No. 3, Plan No. 1 on above.
Contractor—H. W. Jensen.
Filed May 28, '23. Dated May 23, '23.
Brown coated $754.00
Completed and accepted..... 754.09
Usual 35 days..... 503.00
TOTAL COST, $2011.09
Bond, $1006. Sureties, Theo. Binner & John Lynch. Limit, 40 days. Forfeit, $10. Plans and specifications filed.

(2167) PLASTERING FOR HOUSE No. 4, Plan No. 1on above.
Contractor—H. W. Jensen.
Filed May 28, '23. Dated May 23, '23.
Brown coated $902.00
Completed and accepted..... 903.59
Usual 35 days..... 602.00
TOTAL COST, $2407.59
Bond, $1204. Sureties, Theo. Binner & John Lynch. Limit, 40 days. Forfeit, $10. Plans and specifications filed.

(2168) PLASTERING FOR HOUSE No. 5, Plan No. 1 on above.
Contractor—H. W. Jensen.
Filed May 28, '23. Dated May 23, '23
Brown coated $962.00
Completed and accepted..... 963.60
Usual 35 days..... 643.00
TOTAL COST, $2568.60
Bond, $1285. Sureties, Theo. Binner & John Lynch. Limit, 40 days. Forfeit, $10. Plans and specifications filed.

(2169) PLASTERING FOR HOUSE No. 6, Plan No. 1 on above.
Contractor—H. W. Jensen.
Filed May 28, '23. Dated May 23, '23.
Payments not given.
TOTAL COST, $2348.74
Bond, $1175. Sureties, Theo. Binner & John Lynch. Limit, 40 days. Forfeit, $10. Plans and specifications filed.

(2170) MILL WORK FOR SIX THREE story stucco frame dwellings on above.
Contractor—Herrings Mill Inc., 559 Brannan St., San Francisco.
Filed May 28, '23. Dated May 23, '23.
75% of value of work delivered at buildings during proceeding month
Usual 35 days..... 25%
TOTAL COST, $12,100
Bond, limit, forfeit, none. Plans and specifications filed.

APARTMENTS
(2171) W JONES 55 N Vallejo 27-6x 110. All work except window shades, water heaters, electric fixtures and wall paper for two-story frame apartment building.
Owner—Frank Imbert, 593 Market St., San Francisco.
Architect—Erle J. Osborne, 821 Balboa Bldg., San Francisco.
Contractor—Ed. Zinkand & Son, 434 10th Ave., San Francisco.
Filed May 28, '23. Dated May 16, '23.
Frame completed, rough plumbing in $4490.50
Rough plastered 4490.50
Completed and accepted..... 4490.50
Usual 35 days..... 4490.50
TOTAL COST, $17,962.00
Bond, $8981. Sureties, J. H. McCallum and H. W. Gaetjen. Limit, 120 days after May 21, 1923. Forfeit, none. Plans and specifications filed.

DWELLINGS
(2172) E PLYMOUTH AVE 267 S San Ramon Way.
S GREENWOOD AVE 85 E Plymouth Ave. Two one-story and basement frame dwellings.
Owner — Nelson Bros., 1375 Plymouth Ave., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. $3000 ea.

DWELLINGS
(2173) S ANZA 30, 60, 90 and 120 E Forty-third Ave. Four one-story and basement frame dwellings.
Owner—Thos. Hamill, 6140 Geary St., San Francisco.
Architect—None. $4000 each

OFFICES
(2174) SW SEVENTH AND BRYANT. Two-story frame contractors' offices.
Owner—I. M. Sommer, Balboa Bldg., San Francisco.
Architect—None. $1000

RESIDENCE
(2175) S FOURTEENTH 128-3 E Dolores. Two-story and basement frame residence.
Owner—Harold Doherty, 2008 Mission St., San Francisco.
Architect—A. J. Horstmann, 303 Anglo Bldg., 16th and Mission Sts., San Francisco. $4000

DWELLINGS
(2176) E THIRTY-FIRST AVE 240 & 270 N Irving. Two one-story and basement frame dwellings.
Owner—Jas. A. Arnott, 235 Granville Way, San Francisco.
Architect—None.
Contractor—Jas. A. Arnott & Son, 235 Granville Way, S. F. $3800 each

DWELLING
(2177) NE PRIM 100 SE Rhine. One and one-half-story and basement frame dwelling.
Owner—Homstead Realty Co., 704 Market St., San Francisco.
Architect—None. $2000

ADDITION
(2178) W RAUSCH 200 N Folsom. Two-story reinforced concrete Class B addition to cabinet shop.
Owner — Mullen Mfg. Co., 64 Rausch St., San Francisco.
Architect—Dodge A. Riedy, 850 Pacific Bldg., San Francisco.
Contractor—Vukicevich & Bagge, 185 Stevenson St., San Francisco. $14,000

DWELLING.
(2179) W. YERBA BUENA AVE., 178.5 S. Santa Clara Ave. (Lot 18 Block 19, St. Francis Wood). One-story and basement frame dwelling.
Owner—Emily S. and Chas. T. McEnery, care architect.
Architect—F. S. Holland, 1629 Folsom St., San Francisco.
Contractor—None. $9000

WAREHOUSE.
(2180) N. FOLSOM, 250 E. 4TH. One-story concrete warehouse.
Owner—Walter H. Sullivan.
Engineer and Contractor—J. H. Hjul, 1342 Mission St. $10,000

WAREHOUSE.
(2181) SW. 2ND AND TABOR PLACE. Two-story class C warehouse.
Owner—MacDonald and Kahn, 130 Montgomery St., San Francisco.
Architect—S. Heiman, 57 Post St., San Francisco.
Day work. $15,000

STORE.
(2182) 707 CLEMENT ST. One-story and basement class "C" store.
Owner—The Woolworth Co., Rialto Bldg., San Francisco.
Architect—A. J. McClure, Rialto Bldg., San Francisco.
Contractor—MacDonald & Kahn, 130 Montgomery St. $12,500

DWELLING.
(2183) N. GRANVILLE WAY, 180 E. Claremont Blvd. One-story and basement frame dwelling.
Owner—A. Christensen, 108 Chattanooga St., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.
Day work. $3000

MOVE DWELLING & FOUNDATION.
(2184) 1578 9TH AVE. Move dwelling to property line, construct concrete foundation and make general repairs.
Owner—E. B. Sweeney, 1578 9th Ave., San Francisco.
Architect—None.
Contractor—Isaac Sweet, 4431 California St., San Francisco. $1450

DWELLING.
(2185) E. 17TH AVE., 179½ N. Cabrillo. One-story and basement frame dwelling.
Owner—B. Berhend, 2205 Market St., San Francisco.
Architect—W. R. Lindeman, 530 Balboa St., San Francisco.
Contractor—H. O. Lindeman, 619 27th Ave., San Francisco. $5000

STORES.
(2186) N. CLEMENT, 32.6 W. 15th Ave. Recondition flat and add two stores.
Owner—J. Weissbein, 582 Market St. San Francisco.
Architect—None.
Day work. $1000

ALTERATIONS.
(2187) 2725 PIERCE ST. Add one room to residence; minor repairs.
Owner—H. B. Gundlach, 2725 Filbert St., San Francisco.
Architect—None.
Contractor—Ferguson & Son, 1739 Union St., San Francisco $1450

DWELLING.
(2188) E. 25TH AVE., 200 S. Cabrillo. Two-story and basement frame dwelling.
Owner—P. J. Feerick, 757 9th Ave., San Francisco.
Architect—Andrew H. Knoll, Hearst Bldg., San Francisco.
Day work. $4000

PLUMBING, ETC.
(2189) N GREEN 142-6 W Broderick Plumbing and heating (Arcola heating system) for two-story, basement and attic frame building
Owner—Daniel Brown Estate Co., 145 Commonwealth Ave., S. F.
Architect—Walter C. Falch, Hearst Bldg., San Francisco.
Contractor—Higgins & Kraus, 720 Tehama St., San Francisco.
Filed May 29, '23. Dated May 21, '23.
Plumbing completed $1203
Completed and accepted..... 1204
Usual 35 days..... 803
TOTAL COST, $3210
Bond, $1605. Surety, H. C. Marsh. Limit, 5 days after completion of carpenter work. Forfeit, none. Plans and specifications filed.

(2190) ALL WORK EXCEPT PLUMBing, heating, painting, shades, finish hardware, light fixtures, wall paper, tile and marble for fireplaces on above.
Contractor—John M. Hooper, 33 Guerrero St., San Francisco.
Filed May 29, '23. Dated May 21, '23.
Roof sheathing on $5112.50
Brown coat plaster on..... 5112.50
Completed and accepted..... 5112.50
Usual 35 days..... 5112.50
TOTAL COST, $20,450.00
Bond, $10,225. Surety, Maryland Casualty Co. Limit, 120 days. Forfeit, none. Plans and specifications filed.

COMPLETE BLDG.
(2191) W DORE 125 S Howard — 100 W 85 N 100 E 85. All work for completing building.
Owner—George Becker, 1233 Bellevue Ave., Burlingame.
Architect—None.
Contractor — Buschke & Brown, 185 Stevenson St., San Francisco.
Filed May 29, '23. Dated Apr. 23, '23.
Concrete walls poured.....$3573.75
Roofing completed 3573.75
Completed and accepted..... 3573.75
Usual 35 days..... 3573.75
TOTAL COST, $14,295.00
Bond, $7147.50. Sureties, Carl P. Ernst and ——. Limit, 48 days. Forfeit, plans and specifications, none.

MARBLE WORK
(2192) NW MIRAMAR AND OCEAN Aves N 0° 24' E 20 S 89° 36' W 95 S 0° 24' E 45.113 th alg N Ocean Ave S 85° 22' E 98.367 being Lot 5 and S half Lot 4 Blk 3196, Westwood Park. Marble work, ceramic floor and base tiling for bank.
Owner—Mercantile Trust Co. of Calif., 464 California St., S. F.
Architect—G. Albert Lansburgh, 140 Montgomery St., San Francisco.
Contractor — Mission Marble Works, 363 Guerrero St., San Francisco.
Filed May 29, '23. Dated May 28, '23.
Monthly installments of..... 75%
30 days after completion..... 25%
TOTAL COST, $340
Bond, none. Limit, 10 days. Forfeit, none. Plans and specifications filed.

(2193) MASONRY WORK ON ABOVE.
Contractor—Reed & Reed, 180 Jessie St., San Francisco.
Filed May 29, '23. Dated May. 28, '23.
Payments same as above.....
TOTAL COST, $669
Bond, none. Limit, 15 days. Forfeit, none. Plans and specification filled.

(2194) GRADING, CONCRETE WORK rough carpentry, reinforcing steel, etc., on above.
Contractor—John Morton, Balboa Bldg. San Francisco.
Filed May 29, '23. Dated May 28, '23.
Payments same as above.....
TOTAL COST, $4829
Bond, none. Limit, 30 days. Forfeit, none. Plans and specifications filed.

(2195) STRUCTURAL STEEL BEAMS, ornamental metal gates, grilles and kick-plates on above.
Contractor—Herman Hallensleben, 262 7th St., San Francisco.
Filed May 29, '23. Dated May 28, '23.
Payments same as above.....
TOTAL COST, $507
Bond, none. Limit, 10 days. Forfeit, none. Plans and specifications filed.

(2196) ROUGH AND FINISH PLUMBing and fixtures on above.
Contractor—J. J. Noonan, 2881 Mission St., San Francisco.
Filed May 29, '23. Dated May 28, '23.
Payments same as above.....
TOTAL COST, $675
Bond, none. Limit, 30 days. Forfeit, none. Plans and specifications filed.

(2197) WOOD AND METAL FURring, lathing, interior and exterior plastering on above.
Contractor—William G. Gilmour, 180 Jessie St., San Francisco.
Filed May 29, '23. Dated May 28, '23. Payments same as above.....
TOTAL COST, $2100
Bond, none. Limit, 15 days. Forfeit, none. Plans and specifications filed.

(2198) GALVANIZED IRON WORK on above.
Contractor—Percy Sheet Metal Works, 340 Guerrero St., San Francisco.
Filed May 29, '23. Dated May 28, '23. Payments same as above.....
TOTAL COST, $361
Bond, none. Limit, 10 days. Forfeit, none. Plans and specifications filed.

(2199) GLASS AND GLAZING AN above.
Contractor—Crowe Glass Co., 1055 Post St., San Francisco.
Filed May 29, '23. Dated May 28, '23. Payments same as above.....
TOTAL COST, $100
Bond, none. Limit, 5 days. Forfeit, none. Plans and specifications filed.

(2200) ELECTRIC WORK ON ABOVE
Contractor—Colfonan Elec. & Mfg. Co., 3211 Mission St., San Francisco.
Filed May 29, '23. Dated May 28, '23. Payments same as above.....
TOTAL COST, $449
Bond, none. Limit, 30 days. Forfeit, none. Plans and specifications filed.

(2201) INTERIOR AND EXTERIOR painting on above.
Contractor—The Neal Co., 447 Ivy Ave., San Francisco.
Filed May 29, '23. Dated May 28, '23. Payments same as above.....
TOTAL COST, $800
Bond, none. Limit, 30 days. Forfeit, none. Plans and specifications filed.

DWELLING.
(2202) NW. POLK AND BONITA STS., N 25, W 84-6 S 25, E to begin. All work except hardware, fixtures, shades and wall beds of 1-story and basement frame store and dwelling.
Owner—W. H. Hicks, 425 Kearny St., San Francisco.
Architect—W. H. Crim, Jr., & Hamilton Murdock, 425 Kearny St., San Francisco.
Contractor — Peter Sartorio, 2149 Greenwich St., San Francisco.
Filed May 29, 1923. Dated May 26, 1923
Roof on $2312.50
Brown Coated 2312.50
Complete and accepted 2312.50
Usual 35 days 2312.50
TOTAL COST, $9250
Bond, $4625; Sureties, C. Bruschera & C. Sartorio; Forfeit, $15; Limit, 60 days. Plans and Specifications filed.

STEAM HEAT.
(2204) NW MISSION AND ECKER — SW 74 NW 112-6 SW 47 NW 75 NE 94 SE 187-6. Steam heating plant for building.
Owner—Lucy Y. and Edith W. Allyne.
Architect—Reid Bros., 105 Montgomery St., San Francisco.
Contractor—J. E. O'Mara Co., 445 Minna St., San Francisco.
Filed May 29, '23. Dated May 25, '23.
Rough in completed..... 75%
Usual 35 days..... 25%
TOTAL COST, $3770
Bond, $4885. Surety, Fidelity & Deposit Co. of Maryland. Limit, as work progresses. Forfeit, none. Plans and specifications filed.

(2205) PLUMBING ON ABOVE.
Contractor—The Turner Co., 218 Natoma St., San Francisco.
Filed May 29, '23. Dated May 25, '23. Payments same as above.
TOTAL COST, $4760
Bond, $2380. Surety, Globe Indemnity Co. Limit, as work progresses. Forfeit, none. Plans and specifications filed.

STORE BLDG.
(2206) N POST 137-6 W Stockton W 37-6xN 137-6. Masonry work for three-story and basement store building.
Owner—Wm. M. and Mary E. Fitzhugh.
Architect—Reid Bros., 105 Montgomery St., San Francisco.
Contractor—Mcaley & Collins, 180 Jessie St., San Francisco.
Filed May 29, '23. Dated May 25, '23.
On 10th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $1420
Bond, $710. Surety, Fidelity & Casualty Co. of New York. Limit, 30 days. Forfeit, none. Plans and specifications filed.

(2207) EXCAVATE, GRADE, BULKheading and backfilling on above.
Contractor—Sibley Grading & Teaming Co., 135 Landers St., San Francisco
Filed May 29, '23. Dated May 22, '23. Payments same as above.....
TOTAL COST, $2490
Bond, $1245. Surety, Fidelity & Deposit Co. of Maryland. Forfeit, none. Plans and specifications filed.

(2208) PLAIN AND REINFORCED concrete work on above.
Contractor—John Spargo, Russ Bldg., San Francisco.
Filed May 29, '23. Dated May 23, '23. Payments same as above.....
TOTAL COST, $32,250
Bond, $16,125. Surety, Union Indemnity Co. Limit, Aug. 22, 1923. Forfeit, none Plans and specifications filed.

(209) SHEET METAL WORK ON above.
Contractor—Forderer Cornice Works, 252 Potrero Ave., San Francisco.
Filed May 29, '23. Dated May 7, '23. Payments same as above.....
TOTAL COST, $9777
Bond, $4889. Suretv, U. S. Fidelity & Guarantee Co. Limit, Oct. 1, 1923. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted

May 23, 1923—S ½ LAND COMG. W Cherry 82-2 S Jackson S 66-1 W 62-10 N 0° 31' E 66-10½ E 52-9. Edward and Henrietta Lewis te Louis J Cohn.....May 23, 1923
May 24, 1923—W TWENTIETH AVE 275 S Moraga 25x120; W 20th Ave 300 S Moraga, 25x120. Bud Herrington to whom it may concern.. .....May 24, 1923
May 24, 1923—NE BUSH & MASON E 55 N 120 W 25 S 60 W 30 S 60. Walter L Hogan to whom it may concern.....May 22, 1923
May 24, 1923—NO. 78 PALM AVE., bet. Euclid Ave and California St. Hazel Barnett to McKellor & Son.. .....May 23, 1923
May 24, 1923—SE VIENNA 50 NE France Ave NE 50xSE 75 Ptn Lot 4 Blk 62 Excl Hd Assn. Frank Lechner to whom it may concern .....May 22, 1923
May 24, 1923—S BRYANT 125 W Zoe — 50 S 80 W 15 S 80 E 65 N 160. Samuel Schell to whom it may concern .....May 21, 1923
May 24, 1923—W TWENTY-EIGHTH Ave 266 N Cabrillo N 26xW 120. T E Mohler to whom it may concern.....May 24, 1923
May 24, 1923—E CLAREMONT BLVD and Ulloa. D L Bienfield to whom it may concern.....May 24, 1923
May 24, 1923—GOLDEN GATE PARK (Academy of Sciences Bldg.). California Academy of Sciences to Clinton Constr Co.....April 25, 1923
May 25, 1923—E FORTY-SECOND Ave 275 S Geary. Sam Martnsen to Theo Christensen....May 23, 1923
May 25, 1923—LOTS 23 TO 27 BLK "D" Mission Terrace. Walter E Hansen to whom it may concern.. .....May 25, 1923
May 25, 1923—W NINETEENTH AVE 275 N Ortega 25x120. John and Emma L Briscoe to A S Aimlie... .....May 25, 1923
May 25, 1923—NE POST & POWELL N 137-6 E 162-9 S 137-6 W 162-9. Wm M and Mary E Fitzhugh to Williams Constr Co.....May 15, 1923
May 25, 1923—N UNION 55 E Gough 25 on Union by 112-6. M Firpo & E Vigo to Mike Perino..May 23, 1923
May 25, 1923—NE ULLOA AND 35th Ave .. 25x107-6; E Thirty-fifth Ave 25, 50 and 75 N Ulloa N 25x107-6, and E Thirty-fifth Ave 100 N Ulloa N 25x120. Parkside Realty Co to whom it may concern....May 23, 1923
May 25, 1923—W CHATTANOOGA 89 S 24th S 25xW 100. Edward E Sullivan to Costelio Bros..May 22, 1923
May 25, 1923—E TWENTY-FOURTH Ave 275 S Geary. Nicolay Nicolaysen to Meyer Bros.....May 25, 1923
May 26, 1923—N FLOOD AVE 191, 222, 253 W Foerster W 31xN 112-6. Moneta Invst Co to James Arnott & Son.....May 14, 1923
May 26, 1923—S WEST CLAY 60 E 27th Ave. E S Michelssen to R A McLean.....May 24, 1923
May 26, 1923—NE SIXTEENTH AND Alabama. S F Society for Prevention of Cruelty to Animals to J Salanave.....May 22, 1923
May 26, 1923—N FLOOD 284, 315 and 346 W Foerster W 31xN 112-6. Moneta Invst Co to James Arnott & Son.....May 14, 1923
May 26, 1922—NW SACRAMENTO & Embarcadero No. 6 Sacramento and No. 9 and 11 Embarcadero. Maurice Bernstein to H Schulter & Son.....May 18, 1923
May 28, 1923—S TARAVAL 57-6 W Twenty-sixth Ave W 50xS 100. Alfred H Bohm to H S Meinberger... .....May 24, 1923
May 28, 1923—N BUSH 135-6 W Mason W 30xN 137-6. Bertha Basye to Thos Carroll.....May 24, 1923
May 28, 1923—N CHESTNUT 79 W Van Ness Ave W 30-9xN 92-6. F and Mary A Giovannoni to John Harder.....May 25, 1923
May 28, 1923—SE TWENTY-THIRD Ave and Cabrillo S 25xE 82-6. Alton R Lapham to whom it may concern .....May 28, 1923
May 28, 1923—N GEARY 55 W Hyde W 30xN 87-6. Geo Cohn to Louis J Cohn.....May 28, 1923
Mty 28, 1923—N NINETEENTH 76 E Collingwood No. 4134 19th St. C L and G L Sullivan to Jas G Neish .....May 26, 1923
May 28, 1923—N GOLDEN GATE AVE 137-6 W Fillmore 68-9x137-6. Peter and Lawrence Magendie to C O Clausen .....May 22, 1923
May 28, 1923—S SUTTER 217-6 E Montgomery E 57-6 S 119-4½ m or l SW 71-10½ N 159-9⅞ m or l to beg. Provident Securities Co to Gladding, McBean Co...May 26, 1923
May 29, 1923—S GEARY 57 E 2nd Ave 25x100. C W Hayward to Magunson & Peterson...May 29, 1923
May 29, 1923—S SACRAMENTO 259 W Cherry W 31-4x137-6. Alfred T Morris to whom it may concern.. .....May 19, 1923
May 29, 1923—LOT 3 BLK 23, Sunnyvale Hd. Assn. Wm J Lindecker to whom it may concern.May 23, 1923
May 29, 1923—E TWENTY-SECOND Ave 350 N Fulton N 30x120. Henry C Free to whom it may concern.. .....May 29, 1923
May 29, 1923—W MASON 137-6 N Eddy 55x137-6. Wm H Woodfield Jr to E K Nelson.....May 25, 1923
May 29, 1923—SE STEVENSON 160 SW Ecker SW 150 SE 80 NE 57 SE 62 NE 138 NW 62 SW 45 th 80 to beg. Stevenson Garage to Cahill Bros.....May 28, 1923
May 29, 1923—N CLAY, 31.3¼ E. Parker, E 24.11¼ x N 105. N. G. Vincent, Jr., to C. G. Sullivan .....May 29, 1923
May 29, 1923—W 11TH AVE., 75 S Kirkham. Fred Warden.May 29, 1923
May 29, 1923—SE BRYANT, 146 SW 2nd, SE 80x SW 50. Walter H. Sullivan, Inc. O. C. Holt..May 24, 1923
May 29, 1923—SE CLOVER AND 18th, 25x100. Jas. Quinn.May 26, 1923
May 29, 1923—N NATOMA AND 8TH. NW 75 x NE 275. George H. Tay Co. The Fink & Schindler Co... .....May 25, 1923

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Accepted

May 24, 1923—SW NEWTON 145.2 SE Rolph SE 37-6xSW 100. L J Michaels, $92.50; H S Thomson, $519.20 vs Richard Goltzner .....
May 25, 1923—E THIRTY-FIFTH AV 50 S Lincoln Way S 50xE 130. Martin Nelson vs J E Gibson....$115
May 25, 1923—E NINTH AVE 60 N Judah N 50xE 95. Martin Nelson vs J C Gibson $65
May 25, 1923—E TWENTIETH AVE 326 N Geary N 25xE 120. Malott & Peterson vs Hamilton & Costello and Josephine Malbourne $72

May 25, 1923—LOTS 23 AND 24 BLK 20, University Md Survey. Foy & Johnson vs Grace English Evangelical Lutheran Church.....$1590.50
May 28, 1923—N JACKSON 137-6 W Lyon W 25xN 127-8½. Stone & Cernitti vs Augusta W Duisenberg and Daniel J Patterson.....$674.66
May 29, 1923—W NINETEENTH 121-4 W Douglass W 85-4 NW 21-4⅜ N 116-0½ E 21 S 6 E 85-4 S 114. Atlas Heating & Ventilating Co vs Jas C and Florence E Gibson, Margaret E Sutherlin and Francis E Sutherlin $299
May 29, 1923—COM. 108 S Caselli Ave and 553 W Douglas W 175 S 92 E 175 N 92. Atlas Heating & Ventilating Co vs Jas C Gibson... .....$402.35
May 29, 1923—E NINTH AVE 50 N Judah N 50xE 98. Atlas Heating & Ventilating Co vs Jas C and Florence E Gibson and Betty Lindbeck $124.90
May 29, 1923—SE THIRTY-FIFTH Ave and Lincoln Way S 25xE 102-6. Atlas Heating & Ventilating Co vs Jas C and Florence E Gibson and Leonard H Tyrell $55
May 29, 1923—E THIRTY-FIFTH AV 50 S Lincoln Way S 25xE 102-6. Atlas Heating & Ventilating Co vs Jas C and Florence E Gibson and Leonard H Tyrell.....$90
May 29, 1923—SE THIRTY-FIFTH Ave and Lincoln Way S 25 E 102-6 S 75 E 30 N 100 W 132-6. Atlas Heating & Ventilating Co vs Jas C and Florence E Gibson and Leonard H Tyrell $289
May 29, 1923—SE THIRTY-FIFTH Ave and Lincoln Way S 100xE 132-6. Atlas Heating & Ventilating Co vs Jas C and Florence E Gibson and Leonard H Tyrell.....$700

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded		Amount
May 26, 1923—E STANYAN 25 N Revoll N 25xE 100. Christenson Lumber Co to H L and Helen F Walkup		
May 28, 1923—E TWENTIETH AVE 325 N Geary N 25xE 120. T I Butler, Reinhart Lumber & Planing MillCo. Christenson Lumber Co to Josephine F Melbourne, L A Melbourne, J E Hamilton & Wesley T Costello		
May 29, 1923—LOTS 23 AND 24 BLK 24 Lakeview. United Materials Co. $283.25; Port Costa Brick Works, $573.25 to Jeanie & Thos H Parker, Nevada M Ogston and Olaf Olsen		
May 29, 1923—N GEARY 58 W Parker Ave W 120 N 117 E 121-3 S 100. Atlas Heating & Ventilating Co to T D Harter $234		

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

May 29, 1923—LOTS 50 & 51 BLK 13 Map Key Route Heights, Oakland. Alameda Investment Co. at to improvements to property .....

BUILDING CONTRACTS

ALAMEDA COUNTY

$1,0000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt
2487	Sinclair	California	10000
2488	Holman	Haskell	1400
2489	Martin	Owner	5000
2490	Locke	Hawkins	3000
2491	Brayton	Brayton	5000
2492	Saroni	Anderson	5000
2493	Smith	Owner	1500
2494	Wieber	Wieber	4000
2495	Carlson	Owner	3000
2496	West	Owner	3000
2497	Ayers	Owner	4000
2498	Rinkert	Owner	5000
2499	Buffington	Norwood	5346
2500	Pavert	Owner	27825
2501	Turner	Turner	3000
2502	Reict	Owner	4500
2503	Colt	Colt	10000
2504	Wagner	California	11000
2505	Bittio	Owner	2000
2506	Rees	Owner	3500
2507	Mills	Owner	1800
2508	Rossi	Bertoldi	4500
2509	Jones	Owner	3000
2510	Taft	Geodmundson	1824
2511	Petersen	Johnson	1000
2512	Payne	Owner	3000
2513	Frankle	Frankle	3000
2514	Fuller	Woodburn	4500
2515	Delrs	Owner	3000
2516	Hopkins	Adams	4900
2517	MacLean	Perry	6000
2518	Price	Crane	7736
2519	Snead	Crane	6815
2520	Kennedy	Sommarstrem	7800
2521	Lorenzen	Bertleson	10000
2522	Harris	Owner	3800
2523	Porter	Stewart	7000
2524	Leode	Malley	9000
2525	Vedowa	Halton	13000
2526	Parks	Owner	2750
2527	Price	Crane	7500
2528	Esperance	Gaubert	3000
2529	Moniz	Almelda	2800
2530	Hall	Dawson	4000
2531	Rigazzi	Garello	3800
2532	Williams	Owner	3000
2533	Flechner	Bradhoff	7000
2534	Phi	Livingston	4500
2535	Alameda	Heath	3000
2536	East Bay	Ehrenpfort	14000
2537	Hunker	Ehrenpfort	11800
2538	May	Power	5000
2539	Hay	Hewitt	3000
2540	Blankenstein	Rose	1000
2541	Smith	Langtry	2000
2542	Hensley	Petersen	3300
2543	Short	Short	5000
2544	Sims	Owner	5600
2545	Darling	Owner	3600
2546	Nielsen	Kopf	8650
2547	Sellman	Sellman	3500
2548	Ford	Rosebrook	9000
2549	Vedowa	Holton	14775
2550	Kelby	Gaddis	2770
2551	Atkinson	Pearson	9766
2552	Maglia	Owner	2000
2553	Fessenden	Owner	4000
2554	Lindholm	Owner	1600
2555	Gimbel	Patrick	3400
2556	Anderson	Nibel	3500
2557	Gillespie	Gillespie	6000
2558	Fessenden	Owner	2000
2559	Corder	Magganini	1400
2560	Woolworth	Mullen	3000
2561	Leit	Smith	2350
2562	Sowles	Owner	2600
2563	Crossman	Rider	2000
2564	Leerg	Dashill	3000
2565	Graham	Owner	5000
2566	Clark	Owner	4250
2567	Gass	Owner	2500
2568	Shell	Owner	2100
2569	Clark	Owner	3000
2570	Baye	Brown	1500
2571	Plumb	Fedt	8500
2572	Alder	Owner	2500
2573	Adamski	James	2000
2574	Wolfe	Owner	2500
2575	Hassard	Nichols	2875
2576	Buhman	Owner	2600
2577	Bardwell	Owner	5000
2578	Horro	Anderson	3600
2579	Horro	Anderson	2600
2580	Lamb	Swift	13000
2581	Turrell	Stolte	35000
2582	Woodcock	Schmidt	4978

WAREHOUSE
(2487) S TWENTY-SECOND ST. W Brush St., Oakland. 1-story brick warehouse.
Owner—Neil Sinclair.
Architect—None.
Contractor — California Builders Co., 1534 Franklin St., Oakland. $10,000

ALTERATION & ADDITION
(2488) 359 ORANGE ST., Oakland. Alteration and addition.
Owner—M. C. Holman 5849 Ocean View Drive, Oakland.
Architect—None.
Contractor—Haskell & McPhee, 4331 Mentgomery St., Oakland. $1400

DWELLING
(2489) NW COR. PROSPECT DR. & Lawton Ave., Oakland. 1-story 6-room dwelling.
Owner—J. H. Martin, 1418 Franklin St. Oakland.
Architect—None. $5000

DWELLING
(2490) 3706 PORTER ST., Oakland. 1-story 5-room dwelling.
Owner—W. H. Locke, 3811 Quigley St., Oakland.
Architect—None.
Contractor—S. T. Hauskins, 3617 Porter St., Oakland. $3000

DWELLING
(2491) 1030 WARFIELD AVE., Oakland. 1-story 5-room dwelling.
Owner—Olive C. Brayton, 605 Walla Vista Ave., Oakland.
Architect—None.
Contractor—F. R. Brayton, 605 Walla Vista Ave., Oakland. $5000

DWELLING
(2492) 1099 MANDANA BLVD., Oakland. 1-story 6-room dwelling.
Owner—L. Saroni, San Francisco.
Architect—None.
Contractor — A. Frederick Anderson, 2800 Delaware St., Oakland. $5000

DWELLING
(2493) E SIXTIETH AVE. 500 S Tevis St., Oakland. 1-story 4-room dwlg.
Owner—J. C. Smith, 3903 9th St., S. F.
Architect—None. $1500

DWELLING
(2494) 724 CALMAR AVE., Oakland 1-story 6-room dwelling.
Owner—Elmer H. Wieben, 2832 E-23rd St., Oakland.
Architect—None.
Contractor—Alex. C. Wieben, 839 Rosemount Rd., Oakland. $4000

DWELLING
(2495) 3809 WHITTLE AVE., Oakland. 1-story 4-room dwelling.
Owner—Carlson & Elser, 3800 Fruitvale Ave., Oakland.
Architect—None. $3000

DWELLING
(2496) N HALLIDAY 350 W 73rd Ave Oakland. 1-story 5-room dwelling.
Owner—D. H. West, 82 Market St., Oakland.
Architect—None. $3000

DWELLING
(2497) 1278 E-THIRTY-FOURTH ST., Oakland. 1-story 5-room dwelling.
Owner—C. L. Ayers, 1268 E-34th St., Oakland.
Architect—None. $4000

DWELLINGS
(2498) 2501 & 3292 PERALTA AVE., Oakland. 2 1-story 4-room dwlgs.
Owner—Otto Rinkert, 3501 Peralta St., Oakland.
Architect—None. $2500 each

BUILDING
(2499) LOT 10 BLK D MAP COUNTRY Club Heights, Oakland. All work for building.
Owner—John M. & Marjorie E. Buffington, Oakland.
Architect—None.
Contractor—C. D. Norwood & G. V. Harris, 5820 Colby St., Oakland.
Filed May 24, 1923. Dated May 23, 1923.

Rafters in place	$1500
Plastered	2000
Completed and accepted	1500
Usual 35 days	346.50
TOTAL COST,	$5346.50

Bond, Sureties, Forfeit, none; Limit, 90 days; Plans and specifications filed.

DWELLINGS
(2500) NO. 1511 ADA ST.,
No. 1343 SCRAMENTO ST.
No. 1307, 1311, 1349, 1345 and 1344 Josephine St., Berkeley. Seven 1-story 6-room dwellings.
Owner—R. J. Pavert, Mer. Trust Bldg., Berkeley.
Architect—None. $3975 each

DWELLING
(2501) NO.2327 EDWARDS ST., Berkeley. One-story 5-room dwlg.
Owner—Alma Turner and M. Shoemaker, 1308 Blake St., Berkeley.
Architect—None.
Contractor—L. B. Turner, 1308 Blake St., Berkeley. $3000

DWELLING
(2502) NO. 1241 MONTEREY ST., Berkeley. One-story 5-room dwlg.
Owner — S. A. Reict, 1915 Oregon St., Berkeley.
Architect—None. $4500

GARAGE.
(2503) 1511 JACKSON ST. (rear). 1-story brick garage.
Owner—Colt Inc. Co., 306 14th St, Oakland.
Architect—None.
Contractor—Roger Colt, premises. $10,000

FLATS.
(2504) NW. LINDA AND ROSE, Oakland. Two-story 16-room flats.
Owner—M. L. Wagner.

Architect—None.
Contractor—Calif. Builders Co., 1534 Franklin St., Oakland. $11,000

ADDITION.
(2505) 2101 Adeline St., Oakland. Addition.
Owner—Louis Bittio, Premises.
Architect—None. $2000

DWELLING.
(2506) E. MIDVALE AVE., 45 S. Kansas, Oakland. One-story 4-room dwelling.
Owner—J. W. Rees, 3672 Midvale Ave., Oakland.
Architect—None. $3500

ADDITION.
(2507) MILLS COLLEGE, Oakland. Addition.
Owner—Mills College, Oakland.
Architect—None. $1800

DWELLING.
(2508) N. ROSE ST., 50 E. Howell, Oakland. One-story 6-room dwelling.
Owner—M. Rossi.
Architect—None.
Contractor—J. Bertoldi, 5682 Vicente St., Oakland. $4500

DWELLING.
(2509) W. BIRDSALL AVE., 180 S. Redding, Oakland. One-story 5-room dwelling.
Owner—C. G. Jones, Premises.
Architect—None. $3000

ROOF REPAIRS.
(2510) W CLAY N 14th St., Oakland. Roof repairs.
Owner—Taft & Pennoyer, Oakland.
Architect—None.
Contractor—A. K. Goodmundson, 2140 San Pablo, Oakland. $1824

ALTERATION
(2511) 1654 EIGHTY-FOURTH AVE., Oakland. Alterations.
Owner—B. Petersen, premises.
Architect—None.
Contractor—Hans Johnson, 2870 Peralta Ave., Oakland. $1000

DWELLING
(2512) N FLEMING AVE. 40 E 55th Ave., Oakland. 1-stery 5-room dwlg
Owner—L. T. Payne, 5005 Congress Ave Oakland.
Architect—None. $3000

DWELLING
(2513) 9812 BURR AVE., Oakland. 1-story 5-room dwelling.
Owner—K. Frankle, 1823 Encinal Ave., Oakland.
Architect—None.
Contractor—F. Frankle, 1823 Encinal Ave., Oakland. $3000

DWELLING
(2514) E COLBY ST. 125 S 60th St., Oakland. 1-story 6-room dwlg.
Owner—Mrs. Myrtle A. Fuller.
Architect—None.
Contractor—R. C. Woodburn, 3130 College Ave., Berkeley. $4500

DWELLING
(2515) 984 FORTY-SECOND ST., Oakland. 1-story 5-room dwelling.
Owner—Carineiro Deirs, 992 42nd St., Oakland.
Architect—None. $3000

DWELLING
(2516) 843 MANDANA BLVD., Oakland. 1-story 6-room dwelling.
Owner—J. C. Hopkins.
Architect—None.
Contractor — E. H. Adams, 2840 23rd Ave., Oakland. $4900

DWELLINGS
(2517) E WENTWORTH AVE. 100 N Bond St.;
S BOND ST. 100 E Wentworth, Oakland. 2 1-story 4-room dwlgs.
Owner — Amy E. MacLean, 376 Santa Clara Ave., Oakland.
Architect—None.
Contracter—J. Floyd Perry, 376 Santa Clara Ave., Oakland. $3000 each

DWELLING
(2518) LOT 10 MONTCLAIR VISTA Ave., Oakland. 2-story frame dwlg.
Owner — Helen L. Price & Edna H. Stone 5303 Lawton St., Oakland.
Architect—None.
Contractor—C. B. & P. L. Crane, 2695 Cedar St., Berkeley.
Filed May 25, 1923. Dated May 15, 1923.
Frame up .....¼
Brown coated .....¼
Completed and accepted .....¼
Usual 35 days .....¼
TOTAL COST, $7736
Bond, Suretics, Forfeit, none; Limit 100 days; Plans and specifications filed.

DWELLING
(2519) LOT 41 MONTCLAIR VISTA Ave., Oakland. 2-story dwelling.
Owner—Albert C. Snead & Mary Bemis Snead, 545 55th St., Piedmont.
Architect—None.
Contracter—C. B. & P. L. Crane, 2695 Cedar St., Berkeley.
Filed May 25, 1923. Dated May 2, 1923.
Frame up .....¼
Brown coated .....¼
Completed and accepted .....¼
Usual 35 days .....¼
TOTAL COST, $6815
Bond, Suretics, Forfeit, none; Limit, 100 days; Plans and specifications filed.
NOTE—Permit reported May 3, 1923, No. 2096.

DWELLING
(2520) NO. 111 RICARDO AVE., Piedmont. Two-story 8-room dwelling and garage.
Owner—J. B. Kennedy, 3301 Park Blvd. Ave., Piedmont.
Architect—None.
Contractor — Sommarstrom Bros., 307 El Cerrito Ave., Piedmont. $7800

DWELLING
(2521) NO. 212 MOUNTAIN AVE., Piedmont. Two-story 8-room dwelling and garage.
Owner—H. Lorenzen, 180 Pleasant Valley Ave., Oakland.
Architect—None.
Contractor—S J. Bertleson, 30 Estrella Ave., Piedmont. $10,000

DWELLING
(2522) NO. 951 KINGSTON AVE., Piedmont. One-story 5-room dwelling and garage.
Owner — Fred Harris, 461 28th St., Oakland.
Architect. $ 3800

DWELLING
(2523) NO. 333 EL CERRITO AVE., Piedmont. One-story 7-room dwelling and garage.
Owner—J. G. Porter, 3701 Telegraph Ave., Oakland.
Architect—None.
Contracter—B. A. Stewart, 437 Perkins St., Piedmont. $7000

DWELLING
(2524) NO. 793 HIGHLAND AVE., Piedmont. One-story seven-room dwelling and garage.
Owner—Abe Leade, National Bk. Bldg., Oakland.
Architect—None.
Contractor—F. T. Malley, 900 Lakeshore Ave., Oakland. $9000

FLATS
(2525) N HOLLYWOOD 111 W Park Blvd., Oakland. Two-story 15-room flats.
Owner—P. Della Vedowa, 1310 Washington St., Oakland.
Architect—None.
Contractor—W. M. Halton, 2106 9th Ave., Oakland. $13,000

DWELLING
(2526) NO. 5931 HOLWAY AVE., Oakland. One-story 5-room dwelling.
Owner—D. W. Parks, 476 Crescent St., Oakland.
Architect—None. $2750

DWELLING
(2527) LOT 4 Montclair Vista, Oakland. Two-story 7-room dwlg
Owner—Misses Price and Stone, 5303 Lawton Ave., Oakland.
Architect—None.
Contractor—C. B. and P. L. Crane, 2695 Cedar St., Berkeley. $7500

ADDITION
(2528) SW TWENTY-THIRD AVE & E-22nd St., Oakland. Addition.
Owner—E. Esperance.
Architect—None.
Contractor—N. Gaubert, 1910 10th Ave., San Francisco $3000

DWELLING
NO. 100 WILDWOOD WAY, Piedmont. Two-story 8-room dwelling and garage.
Owner—Harold J. Harve, Wildwood Gardens, Piedmont.
Architect—None.
Contractor—M. P. Brasch, 506 American Bank Bldg., Oakland. $15,200

DWELLING
(2529) NO. 2125 BYRON, Berkeley. One-story 5-room dwelling.
Owner—A. Meniz, 1200 Garrison St., Berkeley.
Architect—None.
Contractor—E. B. Almeida, 1722 20th Ave., Oakland. $2800

STORES
(2530) NO. 1731-33 SOLANO, Berkeley. One-story stores.
Owner—D. A. Hall, 98 El Camino Real, Berkeley.
Architect—R. R. Irvine, Call Bldg., San Francisco.
Contracter—J. Dawson, 1136 Sutter St., Berkeley. $4000

DWELLING
(2531) NO. 1119 PARKER, Berkeley. One-story 4-room dwelling.
Owner—E. Rigazzi, 1011 Bancroft Way, Berkeley.
Architect—P. Garelle, 870 47th St., Oakland. $3800

DWELLING
(2532) NO. 2223 CURTIS, Berkeley. One-story 6-room dwelling.
Owner—E. R. Williams, 3381 Peralta Ave., Oakland.
Architect—None. $3000

ALTERATIONS
(2533) SW RUSSELL & FLORENCE, Berkeley. Alter dwelling into flats
Owner—Wm. Flechner, 923 53rd St., Oakland.
Architect—None.
Contractor—C. O. Bradheff, 911 55th St., Oakland. $7000

ALTERATIONS
(2534) NO. 2620 BANCROFT WAY, Berkeley. Alterations.
Owner—Phi Gamma Delta, Premises.
Architect—None.
Contractor—W. Livingston, 2918 Ellis St., Berkeley.

DWELLING
(2535) NO. 1512 PARKER ST., Berkelel. One-story 6-room dwlg.
Owner—John Alameda.
Architect—None.
Contractor—G. K. Heath, 2113 University Ave., Berkeley. $3000

STORES, ETC.
(2536) NO. 1821, 23, 25, 27, 29 ALCATRAZ, Berkeley. Two-story brick stores and hall.
Owner—East Bay Masonic Bldg. Assn., Berkeley.
Architect—None.
Contractor—Arthur T. Ehrenpfort, 671 Alcatraz Ave., Oakland. $14,000

APARTMENTS
(2537) NO. 2525 ASHBY AVE., Berkeley. Two-story 12-room apartments.
Owner—M. Hunker, 6481 Colby St., Oakland.
Architect—None.
Contractor—Arthur T. Ehrenpfort, 671 Alcatraz Ave., Oakland. $11,800

LAUNDRY.
(2538) S 7TH ST., 60 E Union St., Oakland. One-story brick laundry.
Owner—May Bros., 1225 7th St., Oakland.
Architect—None.
Contractor—J. J. Power, 774 20th St., Oakland. $5000

DWELLING.
(2539) 1445 87TH AVE., Oakland. One-story 5-room dwelling.
Owner—Miss A. M. Hay, 1119 Regent St., Alameda.
Architect—None.
Contractor—H. L. Hewitt, 1801 Delaware St., Oakland. $3000

ALTERATIONS.
(2540) 2143 BROADWAY, Oakland. Alterations.
Owner—J. Blankstein, Premises.
Architect—None.
Contractor—Joe Rose, 427 Webster St., Oakland. $1000

ADDITION.
(2541) SE. COR. 8TH AVE. and E. 21st St., Oakland. Addition.
Owner—Mrs. Annie Smith, 158 5th St., Oakland.
Architect—None.
Contractor—J. R. Langtry, 739 Alleen St., Oakland. $2000

STORES.
(2542) S. PENNIMAN AVE., 133 E. 38th Ave., Oakland. One-story Store.
Owner—E. D. Hensley, 3817 Penniman Ave., Oakland.
Architect—None.
Contractor—J. Petersen, 2932 High St., Oakland. $3300

DWELLING.
(2543) 570 ROSAL AVE., Oakland. 1-story 6-room dwelling.
Owner—Louise H. Short, 574 Rosal Ave., Oakland.
Architect—None.
Contractor—C. W. Short, 574 Rosal Ave., Oakland. $5000

DWELLINGS.
(2544) 1730, 1732 73RD AVE., Oakland. Two 1-story 5-room dwellings.
Owner—W. H. Sims, 1940 42nd Ave., Oakland.
Architect—None. $2800 each

DWELLING.
(2545) 1433 87TH AVE., Oakland. One-story 5-room dwelling.
Owner—Darling & Petersen, 229 14th St., Oakland.
Architect—None. $3600

FLATS.
(2546) 544-6 GLENVIEW AVE., Oakland. Two-story 10-room flats.
Owner—Mrs. Chris Nielsen, 764 Alcatraz Ave., Oakland.
Architect—None.
Contractor—Ben F. Kopf, 845 Pacific Ave., Alameda. $8650

DWELLING.
(2547) 5457 BROOKDALE AVE., Oakland. One-story 5-room dwelling.
Owner—Mrs. J. G. Sellman, 5456 Brookdale Ave., Oakland.
Architect—None.
Contractor—C. G. Sellman, Premises. $3500

DWELLING.
(2548) N ESTATE DRIVE AND BULLARD Drive, Oakland. Two-story 10-room dwelling.
Owner—R. E. Ford, 1424 Franklin St., Oakland.
Architect—None.
Contractor—Guy Lynn Rosebrook, 1424 Franklin St., Oakland. $9000

APARTMENT FLATS
(2549) NE HOLLYWOOD AVE. 111.27 NW Park Blvd. NW 50 NE 123.86 SE 50.56 SW 131.34, Oakland. All work for 2-story apt. flats.
Owner—Pete Della Vedowa, Oakland.
Architect — Reed & Corlett, Oakland Bank of Savings, Oakland.
Contractor—W. M. Holton, Syndicate Bldg., Oakland.
Filed May 28, 1923. Dated May 18, 1923.
1st day each month 75%
Usual 35 days 25%
TOTAL COST, $14,775
Bond, 7387.50; Sureties, Maryland Casualty Co.; Forfeit, none; Limit, 120 days; Plans and specifications filed.

DWELLING
(2550) PTN LOT 42 BLK C MAP Vicente Peralta Reservations Tract, Oakland. 1-story dwelling and garage.
Owner—Mrs. Mary Lee Kelly, 5310 Dover St., Oakland.
Architect—None.
Contractor—S. R. Gaddis, 1505 Franklin St., Oakland.
Filed May 28, 1923. Dated May 24, 1923.
Roof on .....¼
Int plastered .....¼
Completed and accepted .....¼
Usual 35 days .....¼
TOTAL COST, $2770
Bonds, Sureties, Forfeit, none; Limit, 60 days; Plans and specifications, none.

DWELLING
(2551) 127 ALVARADO RD., Berkeley. 2-story 7-room dwelling.
Owner—Herbert P. Atkinson.
Architect—None.
Contractor—Ben Pearson, 2403 Grant St., Berkeley. $9766

DWELLING
(2552) 1316 CARLTON, Berkeley. 1-story 4-room dwelling.
Owner—Maglia, 5846 Vallejo St., Oakland.
Architect—None. $2000

DWELLINGS
(2553) 2406 & 2408 CALIFORNIA, Berkeley. 2 1-story 4-room dwlgs.
Owner—C. L. Fessenden.
Architect—None. $2000 each

DWELLING
(2554) 1261 HEARST AVE., Berkeley. 1-story 3-room dwelling.
Owner—Matt Lindholm, 1515 Milvia St., Berkeley.
Architect—None. $1600

DWELLING
(2555) 1214 CEDAR, Berkeley. 1-story 5-room dwelling.
Owner—Frank Gimbel, 1447 7th St., Berkeley.
Architect—None.
Contractor—H. G. Patrick, 1036 Nielson St., Berkeley. $3400

DWELLING
(2556) 1608 CHANNING WAY, Berkeley. 1-story 5-room dwelling.
Owner—L. R. Anderson.
Architect—None.
Contractor—Geo. L. Nibel, 1609 Stuart Berkeley. $3500

FLATS
(2557) 2426-28 ASHBY, Berkeley. 2-story 10-room flats.
Owner—Sara M. Gillespie, 2906 Regent St., Berkeley.
Architect—None.
Contractor—M. Gillespie, 2906 Regent St., Berkeley. $6000

DWELLING
((2558) 2407 SPAULDING, Berkeley. 1 story 4-room dwelling.
Owner—C. L. Fessenden, 2137 Sacramento, Berkeley.
Architect—None. $2000

ADDITION
(2559) 363 BELMONT AVE., Oakland. Addition.
Owner—W. E. Corder, Premises.
Architect—None.
Contractor—J. T. Maganini, 603 36th St., Oakland. $1400

ALTERATIONS
(2560) 5609 COLLEGE AVE., Oakland. Alterations.
Owner—F. W. Woolworth Co., 410 Rialto Bldg., S. F.
Architect—None.
Contractor—Mullen Mfg. Co., 64 Rausch St., San Francisco. $3000

ALTERATIONS
(2561) 4021 PIEDMONT AVE., Oakland. Alterations.
Owner—R. A. Leit.
Architect—None.
Contractor—Harry C. Smith, 2011 Francisco St., Berkeley. $2350

DWELLING
(2562) 5429 ROBERTS AVE., Oakland. 1-story 4-room dwelling.
Owner—A. J. Sowles, 4130 Howe St., Oakland.
Architect—None. $2600

DWELLING
(2563) 3364 MORCOM AVE., Oakland. 1-story 3-room dwelling.
Owner—W. H. Crossman, premises.
Architect—None.
Contractor—B. H. Rider, 2803 Minna Ave., Oakland. $2000

DWELLING
(2564) 4415 FLEMING AVE., Oakland. 1-story 5-room Dwelling.
Owner—Mrs. Marie Legg, premises.
Architect—None.
Contractor—E. L. Dashill, 1666 67th Ave., Oakland. $3000

DWELLING
(2565) NW COR. HIGH ST. & E-16th St., Oakland. 1-story 8-room 2-fam. dwelling.
Owner—C. H. Graham, 1607 High St., Oakland.
Architect—None. $6000

DWELLING
(2566) 6989 BROADWAY TERRACE, Oakland. 1-story 7-room dwelling.
Owner—Donald A. Clark, 1010 Virginia St., Berkeley.
Architect—None. $4250

DWELLING
(2567) 1433 SEVENTY-EIGHTH AVE., Oakland. 1-story 4-room dwelling.
Owner—C. M. Gass, 2415 35th Ave., Okd.
Architect—None. $2500

SERVICE STATION
(2568) NW COR. PARK & NEWTON Ave., Oakland. 1-story steel service station & comfort station.
Owner—Shell Oil Co. of Cal., 343 Sansome St., San Francisco.
Architect—None. $2100

DWELLING
(2569) 2138 FORTY-SECOND AVE., Oakland. 1-story 5-room dwelling.
Owner—M. H. E. Clark, 69 10th St., Oakland.
Architect—None. $3000

ADDITION
(2570) 2221 EIGHTY-SEVENTH AVE., Oakland. Addition.
Owner—T. A. Baye, premises.
Architect—None.
Contractor—J. T. Brown, 1920 Seminary Ave., Oakland. $1500

DWELLING
(2571) 5432 CARLTON ST., Oakland. 2-story 8-room dwelling.
Owner—W. H. Plumb, 5256 James Ave., Oakland.
Architect—None.
Contractor—Louis Fedt, 528 25th St., Oakland. $8500

DWELLING
(2572) W MAPLE 150 N Florida, Oakland. 1-story 4-room dwelling.
Owner—Alder & Clark, 2510 E-21st St., Oakland.
Architect—None. $2500

DWELLING
(2573) 3047 DELAWARE ST., Oakland 1-story 4-room dwelling.
Owner—Mary Adamski.
Architect—None.
Contractor—E. L. James, 2102 Montana St., Oakland. $2000

DWELLING
(2574) 5435 ROBERTS ST., Oakland. 1-story 4-room dwelling.
Owner—Wm. Wolfe, 128 13th St., Okd.
Architect—None. $2500

DWELLING
(2575) 7733 FOOTHILL BLVD., Oakland. 1-story 5-room dwelling.
Owner—W. G. Hassard.
Architect—None.
Contractor—H. J. Nichols, 7710 Foothill Blvd., Oakland. $2875

GARAGE
(2576) 5415 CRITTENDON ST., Oakland. Garage.
Owner—A. P. Buhman, 1605 54th Ave., Oakland.
Architect—None. $2600

DWELLING
(2577) 712 LERIDA AVE., Oakland 1-story 5-room dwelling.
Owner—C. E. Bardwell, 2503 10th Ave., Oakland.
Architect—None. $5000

DWELLING
(2578) NW COR. YGNACIO AVE. AND Belvedere St., Oakland. 1-story 5-room dwelling.
Owner—H. Horro, 1728 Lincoln Ave., Alameda.
Architect—None.
Contractor—A. Anderson, 3027 Florida St., Oakland. $3600

DWELLING
(2579) N YGNACIO AVE. 100 W Belvedere, Oakland. 1-story 4-rm dwlg.
Owner—H. Horro, 1728 Lincoln Ave., Alameda.
Architect—None.
Contractor—A. Anderson, 3057 Florida St., Oakland. $2600

FLATS
(2580) 573-5-7-9 FORTY-FIRST ST., Oakland. 2-story 16-room flats.
Owner—C. S. & C. E. Lamb, 561 41st St., Oakland.

Architect—None.
Contractor—J. W. Swift, 5460 Shafter Ave., Oakland. $13,000

STORES
(2581) SE COR. SEVENTEENTH AND Franklin Sts., Oakland. 1-story concrete stores.
Owner — H. N. Turrell, 924 Wanona, Oakland.
Architect—Edw. T. Foulkes, Crocker Bldg., San Francisco.
Contractor—F. C. Stolte, 3455 Laguna Ave., Oakland. $35,000

DWELLING
(2582) S WALLA VISTA AVE. being N Ptn. Lots 4 Blk 3 East Piedmont Heights Extension, Oakland. All work for 1-story dwelling.
Owner—F. L. Woodcock, 4338 View Ave. Oakland.
Architect—None.
Contractor—B. H. Schmidt, 2237 East 19th St., Oakland.
Filed May 28, 1923. Dated May 21, 1923.
Frame up $1250
Brown coated 1250
Completed and accepted 1228
Usual 35 days 1250
TOTAL COST, $4978
Bond, Sureties, Forfeit, none; Limit, 90 days; Plans and specifications filed.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Accepted

May 24, 1923—LOTS 34 AND 35 Blake Tract No. 3, Berkeley. Willard Ellis to Lawton & Vezey..May 24, '23
May 24, 1923—NW ADELINE AND Ward, Beerkeley. John W Havens to Walter Murch.....May, 23, 1923
May 24, 1923—S 30 LOT 10 and N 5 Lot 11 Blk "G" Map 4th Ave Hights Oakland. D J O'Connell to John Lehman.....May 24, 1923
May 24, 1923—LOT 13 BLK "S" Map Foothill Park, Oakland. Magdalena S and Paul Louis Kick to whom it may concern..May 23, 1923
May 25, 1923—LOT 18 BLK 4 Map Key Route Terrace No. 2, Oakland Tp. C W Sylvester to whom it may concern.....May 24, 1923
May 25, 1923—NW MANDANA BLVD and Ashmount, ——. James B Blum to Fred J Westerlund.....May 15, 1923
May 25, 1923—E CHAMPION 37½ S Montana S 37½xE 125, Oakland. George Ampusait to R A MacKerricher .....May 14, 1923
May 26, 1923—NE FAREMONT AND Frisbie, Oakland. R A Cotter to California Builders Co..May 25, 1923
May 26, 1923—PTN LOTS 34 AND 35 Map Kelly Tract and Ptn Lot 1 Blk 3, Map Lakeshore Glen, Oakland. H F Baddeley to Harry C Knight.....May 25, 1923
May 26, 1923—LOT 16 and Ptn Lot 17 Blk 4, Map South Lakeshore Glen, Oakland. Harry P Fisher to whom it may concern.....May 25, 1923
May 28, 1923—LOT 10 Map Lakeland, Oakland. Robert D Grimes to whom it may concern.....May 25, 1923
May 28, 1923—SE TWENTY-NINTH Ave and SW E-17th SE 90xNE 42, Oakland. Leo and Lillie Krumel to Jos Flittner.....May 23, 1923
May 28, 1923—NE E-FORTEENTH 25 E 36th Ave SE 89.27xNE 75, Oakland. Karoline F M and John Stadtler to J B Petersen..May 22, '23
May 29, 1923—LOT 14 BLK 3, HOLlywood, San Leandro. S. Victor Davidow to R. E. Neikirk.....May 28, 1923
May 29, 1923—LOT 19 BLK 3, HOLlywood, San Leandro. S. Victor Davidow to R. E. Neikirk.....May 28, 1923
May 29, 1923—LOT 16 BLK 3, HOLlywood, San Leandro. S. Victor Davidow to R. E. Neikirk.....May 28, 1923
May 29, 1923—LOT 18 BLK 3 HOLlywood, San Leandro. S. Victor Davidow to R. E. Neikirk.....May 28, 1923
May 29, 1923—LOTS 15 & 10 BLK B Map No. 2 Bateman Tract, Berkeley. C. W. Vaughn. Home Const Co .....May 19, 1923
May 29, 1923—NW COR ATHOL & Prospect Aves., Oakland. A. Hendrickson .....May 28, 1923

LIENS FILED

ALAMEDA COUNTY

Recorded Amount

May 24, 1923—NO. 1300 TAMALPAIS Road, Berkeley. C H Warren vs Ivan M Linforth $764.80
May 26, 1923—LOT 23 BLK 3 Map Oak Lawn, Oakland. Pacific Mfg Co vs A R Johnston and Lena Schleef $539.37
May 26, 1923—NE CASTRO 120 SE B St. SE 44xNE 110, Hayward. Spencer Electrical Co vs S Frankel, J Horwitz and Geo Peterson..$908.91
May 26, 1923—LOT 23 BLK 3, Map Oak Lawn, Oakland. Smith Hardware Co vs A R Johnston and Lena Schleef $102.38
May 28, 1923—S DUBLIN ROAD 280 NE Redwood Road NE 168 SE 566 SW 168.04 NW 569, Eden Tp. F L Jordan vs John & Margaret Janes Young $262.05
May 29, 1923—LOTS 21, 22, 23, 24, 25 Blk G, Map Foothill Park, Oakland. Independent Mill & Lumber Co. vs. R. O. McCline.....$1722.54

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded Amount

May 23, 1923—LOTS 38 AND 39 BLK "N" Map Fruitvale Blvd. Tract, Oakland. Perry C Fry Co to R O McCline and Walter Glimm....$22.12
May 25, 1923—NW SEVENTH AND Campbell N 104xW 57-8, Oakland. Corbett & Bayliss to Vicent H Westdorf $538.01
May 25, 1923—LOT 12 BLK "I" Amended Map Moss Tract, Oakland M Friedman & Co, $103.20 Duner Mathery Sash & Door Co, $124.90 to WW and Pearl E Sherbourne.....
May 24, 1923—LOTS 38 AND 39 BLK "N" Map Fruitvale Boulevard Tct, Oakland. K H Seeman to R O McCline $86.40
May 24, 1923—LOTS 21 AND 22 BLK "M" Map 4th Ave Terrace, Oakland R P Dawes to B G Bail, J K Khoumrian and Joseph Hogan.$49.50
May 24, 1923—N E-THIRTY-EIGHTH 50 W Division W 50xN 90, Oakland. Wm M Murphy, $108.66; K A MacMillan, $117; O Borgwardt and J G Oren, $57; W Buntain and C Nannetti, $133.50; Duner Mathery Sash & Door Co, $28.50; Robert Howden & Sons, $26.42; William Owen & Walter Johnson, $147.90 to B G Ball, J K Khoumrian and Joseph Hogan .....
May 26, 1923—N E-THIRTY-EIGHTH 50 W Division W 50xN 90, Oakland. Joseph M Hogan, $133.33; Wm J Finn, $115 to B G Bail and J K Khoumrian .....
May 29, 1923—PART LOT 5 BLK 3 North Cragmont, Berkeley. H. F. Sorensen to A. D. and Gladys Whearty $50.00
May 28, 1923—LOTS 38 AND 39 BLK N, Map Fruitvale Boulevard Tract, Oakland. Maxwell Hdw. Co. to Walter L. Glimm and R. O. McCline $35.90
May 28, 1923—E. ADELINE ST., 317 from NE. line 10th St., N 72.26 E 154, Oakland. Smalley Paint Co. to Dora Strathaus.....$65.34

PIERCE-BOSQUIT
Abstract & Title Co.
Capital Stock $100,000
Sacramento, Placerville, Nevada City, Reno
SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

Notice of Non-Responsibility

ALAMEDA COUNTY

May 26, 1923—LOT 46 Map Resbdvn Blk "C," Eden Tp. H W Meek Est, Inc as to improvements on property

BUILDING CONTRACTS

SACRAMENTO COUNTY

$2,500 and Over Reported

BUILDING, 2-story frame, $8000; 1630 23rd St., Sacramento; owner, W. R. Saunders, 2614 I St., Sacramento.
DWELLING, 2-story frame, $7250; 2464 Portola Way, Sacramento; owner, F. Foster Miles, 2901 W St., Sacramento; contractor, E. R. Beebe, 916 38th St., Sacramento.
DWELLING, 2-story 6-room, and garage, $5000; 1062 43rd St., Sacramento; owner, Mrs. N. Johnson, S. F.; contractor, E. D. Brier, 813 J St., Sacramento.
DWELLING, 1-story 5-room, and garage, $3600; 3016 T St., Sacramento; owner, W. J. Feiney, 716 10th St., Sacramento; contractor, T. B. Hunt, 2926 S St., Sacramento.
DWELLING, 1-story 4-room, $2650; owner, C. S. Straden, 3109 3rd Ave., Sacramento; contractor, Chas. Carron, Box 129 Motor R 4, Sacramento
DWELLING, 1-story 4-room, and garage, $15,000;; Sacramento; owner, R. Saunders, 4600 13th St., Sacramento; contractor, E. Fairmond, Sac. Constr. Co., 3746 46th St., Sacramento.
DWELLING, 1-story 5-room, and garage, $3800; 945 36th St., Sacramento; owner, Fred W. Stelter, 2131 J St., Sacramento.
DWELLING, 2story 6-room and garage, $5000; 1065 41st St., Sacramento; owner, M. Hynes, 813 J St., Sacramento; contractor, E. D. Brier, 813 J St., Sacramento.
ALTERATION and addition to flats, $3200; 1421 P St., Sacramento; owner, A. G. Tenbrook, 1421 P St., Sacramento.
DWELLING, two-story 8-room and garage, $7000; No. 1070 43rd St., Sacramento; owner, C. W. Dyer, 2928 U St., Sacramento; contractor, W. C. Keating, Capitol National Bank Bldg., Sacramento.
DWELLING, one-story 8-room and garage, $6975; No. 2448 Portola Way, Sacramento; owner, Mrs. M. Person, 2101 H St., Sacramento.
DWELLING, two-story 9-room frame, $7000; No. 1531 W St., Sacramento; owner, Yee Hong, 2220 16th St., Sacramento; contractor, Carl Koch, 341 L St., Sacramento.
DWELLING, two-story 7-room and garage, $7000; No. 1023 41st St., Sacramento; owner, O. A. Anderson, 1807 K St., Sacramento; contractor, R. M. Smith, 2633 30th St., Sacramento.
DWELLING, one-story 5-room and garage, $2800; No. 2533 27th St., Sacramento; owner, Ida D. Woodworth, 3167 4th St., Sacramento; contractor, O. H. Moore, 2920 35th St., Sacramento.
DWELLING, two-story 6-room and garage, $5000; No. 1914 21st St., Sacramento; owner, Mrs. E. Wessing; contractor, R. M. Smith, 2633 30th St., Sacramento.
ALTER & ADD, $5000; 1015 13th St., Sacramento; owner Wright & Kimbrough, 817 J St., Sacramento.
DWELLING, 1-story 5-room, and garage, $6000; 865 Santa Ynez Way, Sacramento; owner, A. E. Pierson, 1206 T St., Sacramento; contractor, A. W. Norris.
DWELLING, 1-story 5-room, and garage, $3500; 500 19th St., Sacramento; owner, Downey & Norris, 204 Peoples Bank Bldg., Sacramento.
DWELLING, one-story 5-room and garage, $4250; No. 3135 O St., Sacramento; owner, J. C. Carly Co., 822 J St., Sacramento; contractor, South Curtis Oake Co., 1749 Stockton Blvd., Sacramento.
DWELLING, one-story 5-room and garage, $4800; No. 1716 W St., Sacramento; owner, Joe Valine, 3rd & V Sts., Sacramento; contractor, M. A. Fratis, 1728 S St., Sacramento.

DWELLINGS (3) one-story 5-room and garage, $3850 each; No. 3141, 3147 and 3148 O St., Sacramento; owner, J. C. Carly Co., 823 J St., Sacramento; contractor, South Curtis Oaks Co., 1749 Stockton Blvd., Sacramento.
SERVICE station, $2650; No. 931 H St., Sacramento; owner, Mrs. Colgan, 1516 11th St., Sacramento; contractor, Carman & Davidson, 1010 F St., Sacramento.
DWELLING, one-story 5-room and garage, $4000; No. 3142 O St., Sacramento; owner, J. C. Carly Co.; contractor, South Curtis Oaks Co., 1749 Stockton Blvd., Sacramento.

BUILDING CONTRACTS

SAN JOAQUIN COUNTY.

$2,500 and Over Reported

BUILDINGS, $24,500; 1302 East South St., Stockton; owner, San Joaquin County, Court House, Stockton.
HOTEL & STORES, $50,000; 140 West Washington St., Stockton; owner, Joe Allegretti.
RESIDENCE, $3000; 160 East Ash St., Stockton; owner, Thomas Fogerty, 142 Cleveland Ave., Stockton.
STORE & RESIDENCE, $4200; 602 South Sierra Nevada, Stockton; owner, N. E. Clegg, 525 S Sierra Nevada, Stockton.
RESIDENCES, $4000 ea; 836 & 844 West Rose, Stockton; owner, E. E. Thompson, 1438 North Center St., Stockton.
BUILDING, $4600; 2918 North Sutter St., Stockton; owner, Stockton Land Assn., 36 S San Joaquin, Stockton.
DOUBLE HOUSE, $5500; 701 North Stockton, Stockton; owner, Marie Wolf.
RESIDENCE, $2800; 2001 East Washington, Stockton; owner, Henry Brummund.
RESIDENCE, $3000; 1405 West, Stockton; owner, W. H. Brown, 1021 W Poplar St., Stockton.
RESIDENCE, $3000; 531 East North St., Stockton; owner, J. Armanino, 1406 E Market St., Stockton.

BUILDING CONTRACTS

FRESNO COUNTY

$5,000 and Over Reported

STORE building, $7000; No. 2820 Tulare St., Fresno; owner, V. J. Cox.
DWELLING and garage, $5000; 526 Olive Ave., Fresno; owner, W. E. St. John, 1615 San Pablo Ave., Fresno; contractor, Chas. M. McKnight, Fresno.

COMPLETION NOTICES

FRESNO COUNTY

Recorded Accepted

May 22, 1923—LOTS 29 AND 30 BLK 233, Fresno. L G Peterson to whom it may concern.....May 18, 1923
May 22, 1923—LOTS 9 AND 10 BLK 8, Parkhurst West Add'n, Sanger. Rose Tarjanian to whom it may concern.....May 21, 1923
May 22, 1923—LOTS 37 TO 40 BLK 74, Sierra Vista Add'n No. 4, Fresno G W Atwater to whom it may concern.....May 19, 1923
May 23, 1923—LOTS 15 AND 16 BLK 18, College Park, Fresno. Samuel Z Todd to whom it may concern.....May 22, 1923
May 23, 1923—LOTS 15 & 16 Delver Place, Fresno. J E Cooksey to whom it may concern...May 23, 1923
May 24, 1923—LOTS 1 AND 2 BLK 5 Boyd Add'n., Fresno. Annie Rudolph to whom it may concern.....May 19, 1923
May 24, 1923—LOTS 19 AND 20 BLK 75, Sierra Vista Add'n No. 4, Fresno. Henry T. Wallers to whom it may concern.....May 23, 1923
May 24, 1923—LOTS 1 AND 2 BLK 5, New High School Addn, Fresno. Carl H Willey to whom it may concern.....May 22, 1923
May 24, 1923—LOTS 15 AND 16 BLK 11, New High School Add'n, Fresno B Marie Schroeder to whom it may concern.....May 10, 1923
May 25, 1923—LOTS 1 & 2 BLOCK 2 Fouthcamp Add No. 2, Fresno; A. G. Wahlberg to S. L. Allen .....
May 25, 1923—LOTS 41 & 42 BLOCK 3 Torrance Terr., Fresno. Watkins & Deardorf to whom it may concern .....May 24, 1923
May 25, 1923—LOT 10 N 12 FT OF Lot 11 block 1 Copeland Add., Fresno. H. M. Dart to whom it may concern .....May 23, 1923
May 25, 1923—LOT 9 BLK 92 SIERra Vista Add No. 5, Fresno. Fresno Building Corp. to whom it may concern .....May 24, 1923
May 25, 1923—SCHOOL BLDG. IN Parlier, Fresno. Parlier School Dist to Brown & Stafford .....May 27, 1923

LIENS FILED

FRESNO COUNTY

Recorded Amount

May 22, 1923—LOT 92 Scandinavia Colony. Fresno Builders Supply vs Conrad Brumm $84
May 23, 1923—LOTS 11 AND 12 BLK 2, Normal Vista Addition, Fresno. H Scott and L A Craig (assigned by pltfs. to Earl Young) vs D H Bolton $135
May 24, 1923—LOT 1 BLK 2, Blvd. Gardens, Fresno. L Rosenberg vs A F Wood.....$646
May 24, 1923—LOTS 37, 38, 45 and 46 Blk 4, New High School Addition, Fresno. L Rosenberg vs Geo R Andrews, Hugh Sparkman and A F Wood $874
May 24, 1923—LOTS 3 AND 4 BLK 4 Rinedale, Evans Plumbing & Heating Co vs S W Coffee.....$63
May 24, 1923—LOT 92 Scandinavia Col., Fresno. L Rosenberg, $1170; Swastika Lumber Co, $184 vs S J Brun et ux .....
May 5, 1923—LOT 92 SCANDINAVIAN Col, Fresno. Hollenbeck Bush Planing Mill Co. vs. S. J. Brun $749
May 25, 1923—LOT 37 WINTERTON Tract, Fresno. I. K. Patterson vs. V. R. Reguart & C J Humphreys $778

BUILDING CONTRACTS

SANTA CLARA COUNTY.

$1,000 and Over Reported

RESIDENCE
LOT 6 BLK 1, Seale Addition No. 7 to Palo Alto. All work for one-story frame stucco residence and garage.
Owner—Ethel Clarkson, San Mateo.
Architect—Walter King, Call Bldg., San Francisco.
Contractor—E. A. Snyder & J. F. Cook, San Francisco.
Filed May 23, '23. Dated May 19, '23.
Foundation in.....$ 550.00
Frame up 1000.00
Roof on and ready for stucco 1200.00
Plastering completed 1450.00
Completed 1531.50
Usual 35 days..... 1910.50
TOTAL COST, $7642.00
Bond, $3850. Sureties, Jerry Casey and F. W. Matthal. Limit, 90 working days from May 19, 1923. Forfeit, none. Plans and specifications filed.

STORE
NW SANTA CLARA ST. AND McLaughlin Ave., San Jose. All work for one-story frame store.
Owner—B. W. Graves, 235 N-10th St., San Jose.
Architect—Wolfe & Higgins, Auzerais Bldg., San Jose.
Contractor—R. E. Ford & J. C. Thornberg, 125 Vaughn St., San Jose.
Filed May 23, '23. Dated May 7, '23.
Frame up $1178
1st coat plaster on.....1178
Completed, etc. 1178
Usual 35 days..... 1178
TOTAL COST, $4712
Bond, $2356. Sureties, Chas. A. Payne and W. H. Ford. Limit, 80 working days from May 7, 1923. Forfeit, none. Plans and specifications filed..

BUILDING
E OLD GILROY ST., bet. Monterey and Railroad Sts., Gilroy. All work for concrete building.
Owner—Otto Hornlein, Gilroy.
Architect—None.
Contractor—William Radtke, Gilroy.
Filed May 21, '23. Dated May 8, '23.
Foundation and forms in....$1319.25
Concrete poured 1319.25
Notice of completion filed... 1319.25
Usual 35 days..... 1319.25
TOTAL COST, $5277.00
Bond, none. Limit, 70 working days from May 10, 1923. Forfeit, plans and specifications, none.

RESIDENCE
LOT 11 & WESTERLY 5 FT. LOT 10 Blk 1 N R 3 W City of Gilroy, Cal. All work for 2-story frame residence.
Owner—Mrs. Henrietta Lester, Gilroy.
Architect—Miller & Warnecke, Perry Bldg., Oakland.
Contractor—Shaw & Watson, 1711 Willow St., Alameda.
Filed —. Dated May 15, 1923.
Frame up to 2nd floor joists....$2370
Roof & rough siding on..... 2370
Inside plastering completed.... 2370
Inside work ready for plaster.... 2370
Completed and accepted 2370
TOTAL COST, $11,850
Bond, Sureties, Forfeit, none; Limit, 90 wk days from May 28, 1923; Plans and specifications filed.

BUSINESS BLOCK, 1-story, $23,000; San Pedro near Sta. Clara, San Jose owner, San Jose Paper Co. 161 West Santa Clara, San Jose; architect, W. J. Page, San Jose; contractor, Jorgensen & Cook, 651 Prevost St., San Jose.
ALTERATIONS to apartments, $1000; 430 N Second, San Jose; owner, J. R. Phelps, 245 Alameda, San Jose.
COTTAGE, 6-room, $8250; 14th near San Antonio, San Jose; owner, W. C. Short, 17 W Santa Clara St., San Jose; architect, H. Krause, Bank of S. J. Bldg., San Jose; contractor, S. De Cola, 511 E Empire, San Jose.
ALTERATIONS, $2500; 361 N Fifth, San Jose; owner, J. K. Granauder, Twoby Bldg., San Jose; architect, F. C. Nelson, 34 S 15th St., San Jose.
COTTAGE, 4-room, $1980; Shortridge near 33rd, San Jose; owner, W. B. Reese, 93 N 33rd St., San Jose.
DWELLING, $3650; Lot 7 Blk J 15 Ava Haywood Park, San Mateo; owner, Edith Patton; contractor, C. E. Patton.
DWELLING, $4000; Lot 20 Blk J B St. Lot 14 & 15, San Mateo; owner, O. L. Edgecomb; contractor, W. J. Zupar.
RESIDENCE, 2-family, $7880; 8th near Virginia, San Jose; owner, A. T. Foley, 820 S 8th St., San Jose; contractor, H. C. Nelson, 34 S 15th St., San Jose.
COTTAGE, 3-room; 24th near St. John, San Jose; owner, J. C. Villata.
COTTAGE, 6-room, $5000; 14th near Sta. Clara, San Jose; owner, Geo. Nichols; architect, G. Ellis Nichols, Knox Bldg., San Jose.
ADDITION, $1975; 176 S Twelfth, San Jose; owner, Mrs. Corey; architect, C. V. Brown, 521 N 16th St., San Jose.
COTTAGES, 2 5-room, $2800 each; Atlanta near Delmas, San Jose; owner, L. C. Rossi, 423 Atlanta St., San Jose.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Accepted

May 17, 1923—LOT 6 BLK 27, Home Investment Tract, San Jose. J M Mace to whom it may concern.....May 9, 1923
May 17, 1923—LOTS 16 AND 17 BLK 5, Bartley Tract, San Jose. Myrtle Bean to whom it may concern....— May 18, 1923—LOT 11 Cole Realty Co Sub., San Jose. L C Rossi to whom it may concern.....May 17, 1923
May 21, 1923—PTN LOT 3 BLK 28, University Grounds, Palo Alto. William H O'Neil to whom it may concern.....May 19, 1923
May 21, 1923—STEVENS CREEK RD near Saratoga-Mt. View Road. Katie E Wagnitz to whom it may concern.....May 19, 1923
May 21, 1923—NO. 45 POLHEMUS ST., San Jose, being Ptn Lot 2 Blk I, University Grounds. Beas and Roy B Culp to Jerome Garcia. May 19, '23
May 21, 1923—LOT 3 BLK 31, University Grounds. Harry W Axford & Albert De Shields to A J Nielsen.....May 12, 1923

May 21, 1921—ASHBURY & FIRST Sts., San Jose. A B Jamison to George D McCrary.....May 21, 1923
May 21, 1923—LOT 3 Cole Realty Co. Sub, San Jose. C D Bradley to whom it may concern..May 19, 1923
May 21, 1923—W McKENZIE AVE near Tully Road, San Jose. J. M Zollars to A Megna and J Newell .....May 16, 1923
May 21, 1923—LOT 25 Oliver Sub and Lot 15, Devendorf Sub, San Jose. Sam Cannella to whom it may concern.....May 21, 1923
May 22, 1923—LOT 2 BLK 2 South R 2 W, Gilroy. Leland Holloway to whom it may concern.May 18, 1923
May 22, 1923—LOTS 66 AND 67 BLK 37, Palo Alto. W M Bernard to whom it may concern..May 18, 1923
May 23, 1923—LOT 13 BLK 10, Hanchett Residence Park, San Jose. Chas N Berman to Geo Lindblom.. .....May 22, 1923
May 23, 1923—LOT 8 BLK 4, Rose Lawn, San Jose. Harry F Dowell to whom it may concern.May 22, 1923
May 23, 1923—LOT 28 BLK 13, Interurban Park Tract. William Wedgwood, Sr. to whom it may concern .....May 23, 1923
May 23, 1923—LOTS 6 AND 7, Shafter Sub, San Jose. Victor Ekstrom to whom it may concern...May 21, 1923

LIENS FILED

SANTA CLARA COUNTY

Recorded Amount
May 23, 1923—LOT 26 BLK 3, Alameda Park, San Jose. Fourth St. Planing Mill by Alphonse Schirle vs Rose A Spielberg.....$187
May 23, 1923—LOT 4 Koeberle Tract, San Jose. Fourth Street Planing Mill by Alhponse Schirle vs John A and Eda Huber.....$750
May 23, 1922—LOT 2 BLK 14, Hanchett Residence Park, San Jose. Fourth Street Planing Mill by Alphonse Schirle vs J S Seeley Jr. and Alice F Seeley.....$826.50
May 23, 1923—S 80 FT. LOT 6 BLK 1, Maypark Half Acres, SanJose. Austin M Drinkwater vs D H Allen $169.80
May 23, 1923—W EDGELBERRY ST. 140.25 S Seventh St., Gilroy. Central Lumber Co vs Sarah Lopez, known as Sarah Lopes.....$943.36
May 24, 1923—LOT 2 BLK 14, Hanchett Park Tract. San Jose. Ed Timlin vs J S Seely Jr.....388.50
May 24, 1923—LOT 4 Koeberle Tract, San Jose. Ed Timlin vs John A and Eda Huber.....$333.50
May 24, 1923—LOT 4 Koeberle Tract, San Jose. Borchers Bros vs John A and Eda Huber.....$44.20

BUILDING CONTRACTS

SAN MATEO COUNTY

RESIDENCE
LOT 24 BLK 9 EASTON, Burlingame. All work for 1-story residence and garage.
Owner—Granville Savage et al, Burlingame.
Architect—None.
Contractor—J. E. Baic, 805 Highland Ave., San Mateo.
Filed May 21, 1923. Dated May 5, 1923.
Framed $1009.25
Brown coated 1009.25
Completed and accepted 1009.25
Usual 35 days 1009.25
TOTAL COST, $4037
Bond, Sureties, Forfeit, none; Limit, before Aug. 15, 1923; Plans and specifications, none.

RESIDENCE
WEST SIDE MISSION ST 100 Ft. South of Lake Ave., San Mateo. All work for concrete residence and garage.
Owner—J. M. Sweeney, Daly City.
Architect—P. Demartini, 946 Broadway San Francisco.
Contractor—B. Melano & Son, 399 Templeton Ave., Daly City, Cal.
Filed May 19, 1923. Dated May 19, 1923.
All iron in place $2400
Concrete poured 2400
Plastered 2400
Completed and accepted 2400
Usual 35 days 2400
TOTAL COST, $12,000
Bond, $6000; Sureties, Louis Greyoine, Attilio Arata; Forfeit, none; Limit, 120 days; Plans and specifications filed.

BUILDING
W SIDE ELLSWORTH AVE. Bet. MT. Diablo and Tilton Ave., San Mateo. All work for 1-story frame plaster building.
Owner—Joe S. Mattos, San Mateo.
Architect — Thomas M. Edwards, 833 Market St., San Francisco.
Contractor—Frank H. Boring, 514 Santa Inez, San Mateo.
Filed May 23, 1923. Dated May 22, 1923.
Sheated $1267
Brown coated 1267
Completed and accepted 1267
Usual 35 days 1267
TOTAL COST, $5069
Bond, Sureties, none; Forfeit, $5.00; Limit, 90 wk days; Plans and specifications filed.

ADDITION
NO. 146 CHAPIN AVE., Burlingame. Addition to residence.
Owner—E. W. Cleary, 146 Chapin, Burlingame.
Architect—None.
Contractor—H. J. Hughes.
Filed—Not mentioned.
Roofed $882.50
Plastered 882.50
Completed and accepted 882.50
Usual 35 days 882.50
TOTAL COST, $3530
Bond, Sureties, Forfeit, none; Limit, 75 wk days; Plans and specifications, none

BUNGALOW
BURLINGAME. All work for 1-story bungalow.
Owner—Joseph F. O'Malley.
Architect—None.
Contractor—T. J. Broderick, 1528 Cypress St., Burlingame.
Filed May 22, 1923. Dated May 16, 1923.
Framed $1430
Brown coated 1430
Completed and accepted 1430
Usual 35 days 1425
TOTAL COST, $5715
Bond, Sureties, Forfeit, none; Limit, before July 15, 1923; Plans and specifications, none.

BUNGALOW and garage, $4000; Lot 14 Blk. 6, Burl. Grove, Highway, Burlingame; owner, M. F. Kristeller.
BUNGALOW and garage, $4000; Lot 15 Blk 6, Burl. Grove, Highway, Burlingame; owner, M. F. Kristeller; contractor, Oswald.
BUNGALOW and garage, $4000; Lot 6, Blk. 23, Easton 2, Balboa Ave., Burlingame; owner, A. F. Ross; architect, Fred Van Doren.
BUNGALOW and garage, $4000; Lot 19, Blk 58, Easton 7, Vancouver Ave., Burlingame; owner, Ellen Kennedy.
BUNGALOW and garage, $5000; Lot 14, Blk 62, Easton 7, Easton Dr., Burlingame; owner, Ethel I. Putnam.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded Accepted
May 21, 1923—THE FILOLI ESTATE San Mateo. The Filoli Estate to Weeden Bros.....April 1, 1923
May 21, 1923—SE BALDWIN AVE & El Camino Real, San Mateo. The Church of St. Mathew to Leadley & Wiseman.....May 14, 1923
May 22, 1923—PTN LOTS 10 AND 11 Blk "P", Mission St. Land Tract. Robert Neil to whom it may concern.. .....
May 22, 1923—LOT 27 BLK 43 Easton No. 3, Burlingame. John W Rutterdale to whom it may concern.... .....May 1, 1923
May 22, 1923—LOT 20 BLK 26 Easton No. 2, Burlingame. R W and Helen S Falkins to John Rutterdale.... .....May 10, 1923
May 24, 1923—LOT 19 BLK 10 EASton No. 1, Burlingame. Chris Larsen & Anne M. Larsen to The Larsen Building Co.....May 22, 1923
May 24, 1923—LOT 20 BLK 10 EASton No. 1. Chris Larsen et al to The Larsen Building Co.....May 22, 1923

RELEASE OF LIENS

SAN MATEO COUNTY

Recorded Amount
May 21, 1923—LOT 12 BLK 9A Wellsley Park, Redwood City. William Jamison to James F McGuinness Jr et al .....

BUILDING CONTRACTS

CONTRA COSTA COUNTY

DWELLING, 2-story frame, $11,355; W Carlston bet. Hughes & Silva, Richmond; owner, E. L. Scofield, 508 Washington Ave.; contractor, A. Peterson, 3918 Linwood Ave., mond, Oakland.
APARTMENTS, 1-story frame, $4500; NW Cor. Barrett & 28th, Richmond; owner, J. Dold, Oakland; contractor, J. G. Anderson, Box 1563 Rich-

Larsen Construction Reports
Issued every business day of the year. Furnishes advance information on work projected and contracts awarded for all classes of building, street, sewer and highway projects, bridges, dams and harbor works, machinery, etc. Send for rates in your territory, advising class of work in which you are interested.
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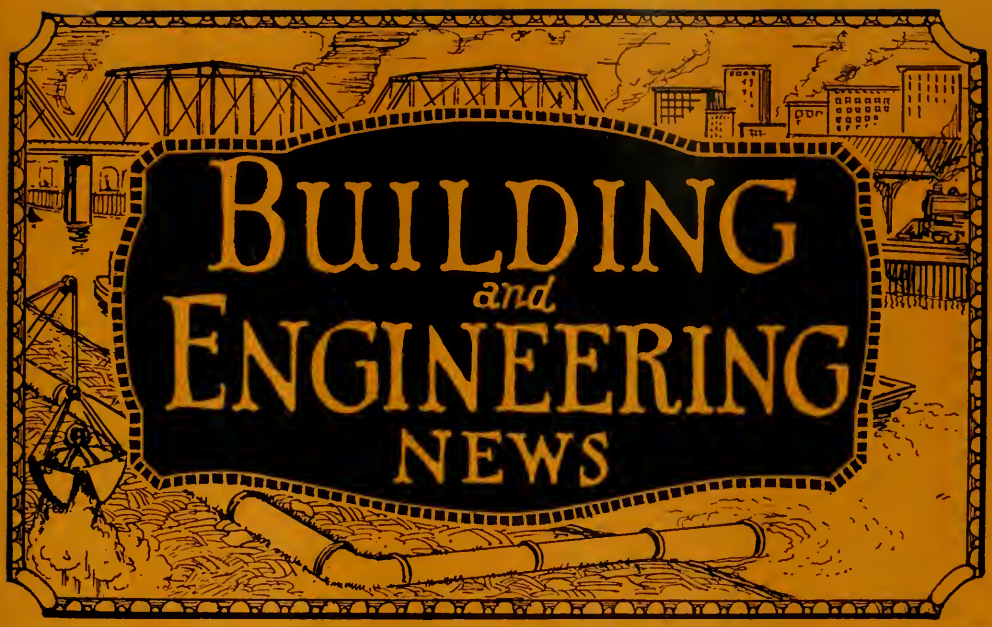
FRESNO	LONG BEACH	SANTA ANA	SALT LAKE CITY	YAKIMA



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SAN FRANCISCO, CALIF., JUNE 9, 1923

Published Every Saturday
Twenty-third Year No. 23

Schumacher
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210 American National Bank Building

Permanence
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KOEHRING

The **Heavy Duty Mixer**

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Capacities

Construction Mixers: 10, 14, 21, 28 cu. ft. mixed concrete. Write for Catalog C 000.

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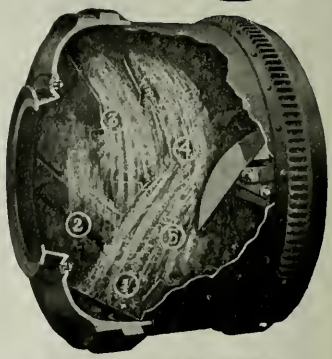

(1) Blade cuts through materials with churning action. (2) Blade carries materials up, spilling down again against motion of drum. (3) Materials hurled across diameter of drum. (4) Materials elevated to drum top and cascaded down to reversed discharge chute which (5), with scattering, spraying action, showers materials back to charging side for repeated trips through mixing process.

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"SOMETHING NEW"---Dandie Mixers In Stock With Rubber Tired Wheels.

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San Francisco Los Angeles

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

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Fresno Builders' Exchange
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FIELD RECLAMATION COMMISSIONER IS APPOINTED

In furtherance of his policy for the improvement of the reclamation projects along business and agricultural lines, paying more attention in future to aiding and co-operating with farmers on the projects in the matter of successful agriculture, Secretary of the Interior Work has made the appointment of Miles Cannon former commissioner of agriculture of Idaho, to the post of field reclamation commissioner, Department of the Interior, with headquarters to be established later in one of the Western states. The work of the new commissioner is not to conflict with or duplicate work already being carried on by the engineering branches of the Reclamation Service nor the work of the Department of Argiculture, but is to be in co-operation with and in furtherance of these lines of work, in the interest of settlers occupying lands upon the reclamation projects. The work is also to be in co-operation with the various states in which reclamation projects are situated.

The annual banquet to be given by the Builders' Exchange of Alameda County in the Hotel Oakland will be held June 13 instead of June 12, as originally planned.

STATE EXAMINATIONS FOR ENGINEERS ANNOUNCED

The California Civil Service Commission, Forum Building, Sacramento, announces examinations will be held shortly for the positions of Associate Highway Engineer, Grade 5, carrying a salary from $285 to $350 a month, and for Highway Engineer, Grade 6, paying an entrance salary of $360 a month with prospects of increases to $420 a month. The receipt of applications closes June 23, the examinations to be held as soon after that date as is possible. The examinations will be entirely oral.

The commission will also consider applications for examination for the position of Technical Engineer, Highway Engineering, Grade 5, this position pays from $285 to $350 a month. The duties are: to have responsible charge of the staff engaged in the publication of such periodicals, bulletins and other publications for general distribution as may be assigned by the California Highway Commission; to edit, review and criticize technical matter submitted for publication and dealing with the construction and maintenance of highways and highway structures. Candidates must have at least five years of general engineering experience.

Further information together with application blanks may be had from the Commission offices at Sacramento or from the State Free Employment Bureau at 771 Howard St., San Francisco; 171 S Market St., San Jose; 200 So. San Joaquin St., Stockton; 401 Tenth St., Oakland; 916 H St., Fresno and 206 Court St., Los Angeles .

METHODS OF ANALYSIS OF PAINT PIGMENTS APPROVED

Many of the controversies growing out of differences in methods of analyzing paint pigments should be eliminated by the universal use of the methods for routine analysis of white pigments, yellow, orange, red brown pigments, containing iron and manganese and of dry red lead, which have just been approved at Tentative American Standards by the American Engineering Standards Committee. The approved methods provide a basis for the analysis of paint pigments, which has always been a complicated and often a contraversial problem.

The specifications for these methods of analysis were presented for the committee's approval by the American Society for Testing Materials under whose auspices the specifications were developed. The American Society of Testing Materials has been designated as sponsor for these specifications by the American Engineering Standards Committee, and has accepted. Should a revision of the specifications become necessary, the American Society of Testing Materials Committee on "Preservative Coatings for Structural Materials" will be enlarged to include representatives of all interested organizations including producers, consumers, and the general interests concerned with paint materials.

The specifications, which have been approved by the American Engineering Standards Committee, include, methods of determining specific gravity, tinting strength of the colored pigments, moistures, and detailed methods for various chemical determinations.

HIGHWAY AND PUBLIC WORKS BOARDS SEPARATED

The State Highway Commission was divorced from the State Department of Public Works, and the State Engineer was made head of the latter department, through the action of Governor Richardson in signing two assembly bills passed by the legislature.

A. B. No. 1338, introduced by Assemblyman Chester Kline, Riverside County, makes the state highway commission an independent department. The other measure, A. B. No. 211, introduced by Assemblyman Edwin Baker Los Angeles County, makes the state engineer head of the department of public works.

The governor issued the following statement:

"These bills are designed to unscramble the mess created in 1921. Practical experience has shown that this department was top-heavy and a fake plan of efficiency. It caused endless confusion and despotism under A. B. Fletcher. This bill will leave the highway engineer free to function independently. It also will put the state engineer, state architect and water division together."

Four other measures were signed by the governor, one of them by Assemblyman John W. Johnson, Sacramento County. It is A. B. No. 610, providing that reclamation districts may refund outstanding bonds. By reason of large assessments already levied in some reclamation districts, they will be unable to pay their bonds when due and this bill affords an opportunity for relief.

TIMBER SOLD

Approximately $640,000 will be paid by the Ohio Match Co. for 70,000,000 feet of timber, mostly white pine, situated in Burnt Cabin creek district of the Coeur d'Alene national forest 14 miles northeast of Coeur d'Alene. The successful bid of the company was made at the Government sale of timber at Missoula, Mont.

This is the largest sale of timber ever made in the Coeur d'Alene forest, though the price of $11.40 per thousand feet for white pine is not a record. About 80 per cent of the stand is white pine to be used at the company match plant in Spokane. Prices bid for the other timber are $2.25 for dead white pine, 50 cents for red fir, larch, white fir and hemlock and $1 a thousand for spruce.

The Hedlund Box and Lumber Co. of Spokane bid $9.10 a thousand feet for white pine, and the Coeur d'Alene Mill Co. put in a bid of $8.10 a thousand feet.

HIGH WAGES HALT LOANS

According to word from St. Louis, bond and mortgage companies making loans on property in the South and West are resisting high wages and material prices by declining to make further financial outlays. This action has not been concerted, but has caused a pause in building. Symptoms of a decline in prices of building materials are now apparent, especially in hardwoods and pine lumber. Prices of materials in the building trades have advanced 35 per cent in the last sixty days. Skilled labor is at the peak of wages, bricklayers and carpenters receiving attractive bonuses.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

The San Joaquin County Supervisors have granted a franchise to the Delta Bridge Corporation to construct a 675 foot reinforced concrete bridge across the San Joaquin river at Antioch. The structure will cost $600,000 and will be of low level type with but 12 feet clearance at high water. It will include a 200 foot steel drawbridge. The terms of the franchise are that operation is to remain in the hands of the corporation for 25 years, at the end of which ownership is to revert to the counties of Contra Costa and Sacramento, free of all costs. The plans have been approved by the State Engineer and following the approval of the War Department, construction will be started.

Charles T. Phillips, consulting engineer, has opened offices in the Wesley Roberts Building, Los Angeles, under the firm name of The Charles T. Phillips Company, Consulting Engineers. The personal of the firm will be Mr. Phillips, who is an electrical and street lighting engineer, Mr. Arthur Kempston, formerly Chief of the Department of Electricity of San Francisco, and Mr. Fred B. McNally, mechanical engineer, formerly of Fresno. The members of the firm have been engaged in engineering practice in California for the last fifteen years. The new firm will make a specialty of plans, specifications, reports and tests in connection with fire alarms systems, street lighting and power plants.

Merchants of Oakland, under the direction of Mrs. M. McGauley, prominent clubwoman, are completing arrangements for demonstrations for "Better Homes Week." Merchants will have window displays showing the innovations for kitchens, living rooms, bathrooms and house furnishings. Contractors have offered to lend their houses for demonstration purposes during the week. E. W. Shaw, secretary of the Builders' Exchange of Alameda county, and Ben Ebersole, secretary of Oakland Building Materials and Manufacturers' Association, are chairmen of the demonstration committees.

Unfilled orders of the General Electric Company are said to be in the neighborhood of $100,000,000, compared with $76,220,000 at the beginning of the current year. Sales billed in 1923 are expected to exceed those of last year by nearly $100,000,000. Earnings this year are expected to be substantially in excess of 1922, when $14.86 was earned on its outstanding common stock.

Expenditures totaling $646,000 of national forest highway funds for 6 road-building projects in California have just been approved by Secretary of Agriculture Wallace. This money was made available for roads serving the national forests and for roads within or adjacent to the national forests which are of primary importance to States, counties, and communities.

Due to the condition of the bond market, no bids were received for the purchase of $5,000,000 block of California state highway bonds, bearing 4 per cent interest. It is expected the market will be improved within the next two weeks when the bonds will again be offered.

Articles of incorporation of the San Francisco Memorial Bridge Corp., with headquarters at Wilmington, Dela., have been filed with the Secretary of State. The purpose of the company is to construct a bridge over San Francisco bay under the franchise granted Colonel Frank Eldridge Webb of San Mateo County. The capital stock of $20,000,000 is divided into 200,000 shares at $100 each. Fourteen hundred dollars is subscribed under the names of T. L. Croteau, M. A. Bruce and A. M. Hooven, all of Wilmington.

A certified copy of the articles of incorporation of the Pacific Lime and Plaster Company has been filed at Sonora, Tuolumne county. The company is capitalized at $100,000, with San Francisco as the principal place of business. Directors are: C. W. Coburn, F. C. Price, both of San Francisco; C. J. Waterhouse, W. O. Badgley and R. M. Lyman all of Oakland.

C. G. Freguila, Joseph Cassa and E. M. Galli, of Hollister, have leased property in Salinas and will erect a plant for the manufacture of concrete pipe. The promoters of the project have operated a similar plant in Hollister for the past three years and will maintain the Salinas plant in addition to the present one.

R. L. Rowland, district engineer, Seattle, office, Portland Cement Association, and connected with the association since 1913, has resigned to enter the contracting business with headquarters at Seattle. H. M. Hadley, who has been structural engineer in the Seattle office of the association for the past two years, has assumed the duties of acting district engineer.

The Northwest Logging Operators' Association was organized at a recent meeting of loggers, lumbermen and timber owners in Washington, Oregon and California. The organization meeting was held in Tacoma May 26. The purpose of the association is to fight the I. W. W. and other similar movements.

Col. Alston Hamilton, Col. B. Frank Cheatham and Lieut. Col. William H. Tobin have been appointed, as a board, to make a survey of building needs at the San Francisco Presidio for presentation to the War Department. The Board was appointed following the unfavorable comment on the reservation upon the visit of Secretary of War John W. Weeks and his congressional party.

Charles S. Knight, formerly President and Managing Director, Reno Chamber of Commerce, a man who has received national recognition for his broad vision and great intellectual ability through his Nevada accomplishments, has been appointed Director of the Industrial Department of the California Development Association, to take office June 1st.

The Contracting Plasterers' Association of Southern California has appointed R. W. Stratford as secretary of the association, following the resignation of Mr. J. R. Coffman.

ALONG THE LINE

Geo. Mattis, former city engineer of Oakland, has become associated with the F. F. Porter Company, real estate operators of that city, and will act in the capacity of manager of the industrial department which will serve the needs of owners and purchasers of plant sites. He will also represent the real estate firm as consulting engineer.

C. F. Price of San Francisco has been appointed city manager of San Mateo at a salary of $4000 a year. Price, who assumes the position on July 1, has for the past eleven years been connected with the engineering department of the California State Highway Commission.

Rudolph Hering, one of the first sanitary engineers in the country to introduce the present municipal system of aerated water supply, died at his home in New York May 30. Hering acted as consulting engineer to 110 cities in the United States and Canada in connection with the installation of water and sewerage systems.

John H. Edy, former chief engineer of the Montana State Highway Commission, has been appointed city manager of Berkeley, assuming the position July 1, under provisions of the charter adopted at the recent election. His salary is fixed at $7,500 a year.

A. L. Ferver, city engineer and director of the department of public service, Long Beach, has resigned, effective June 15th. It is reported Mr. Ferver will engage in development engineering in association with Long Beach operators.

L. B. Reynolds, a Stanford graduate and a leader in the field of civil, hydraulic and sanitary engineering, has been appointed professor of civil engineering at the Stanford University, succeeding Professor C. D. Marx, who retires and becomes emeritus professor at the end of this year.

The Placer County Supervisors have accepted the report of State Engineer W. F. McClure approving the proposed Roseville Irrigation District as reduced to 8,700 acres from 25,000 acres.

The proposal to float a $9,500,000 bond issue to finance school improvements has been abandoned by the Oakland Board of Education.

Charles H. Alden, architect, was elected president of the Seattle Fine Arts Society at its annual meeting on April 24, 1923.

Major A. B. Cutter, City Engineer of Everett, has resigned and Sumner E. Paine appointed to the position.

Jas. A. Ogden, rancher and oil operator of Kern County, has been named city manager of Bakersfield.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

NORTHERN CALIFORNIA CONTRACTORS ELECT NUNN

Herbert Nunn, former state highway engineer of Oregon, has been appointed general manager and engineer of the Contractors' Association of Northern California with headquarters in San Francisco.

As chief engineer of the Multnomah county system of highways and as state highway engineer of Oregon, Mr. Nunn has during the last eight years been in charge of the construction of the Oregon State highway system, including the Columbia river highway, representing an expenditure of over $60,000,000.

The membership of the association is composed principally of general contractors engaged in state, county and city highway and other heavy construction in Northern California.

SAN FRANCISCO PLUMBERS TO LUNCHEON

The Plumbing Day Luncheon Committee of the California Sanitation Development League is completing arrangements to make the affair the biggest luncheon held in the city's history.

The Palace Hotel ball room and two adjoining rooms have been reserved for the affair. In addition there will be plumbing exhibits to the capacity of two other assembly rooms.

The luncheon is scheduled for June 21, and will mark the beginning of a state-wide advertising campaign to "sell" the plumbing and heating industry as a modern business.

The mayor, board of supervisors and board of health will attend the luncheon to hear plans for the establishment of convenience stations at needed points throughout the city. This campaign, conducted by the sanitation league, is receiving the indorsement of leading women's clubs and civic organizations, all of which will be represented at the luncheon June 21 to express their views.

EXCHANGES AT STOCKTON AND MARYSVILLE UNITE

Committees appointed by the Stockton Builders' Exchange and the Marysville Builders' Exchange are conferring on the proposal to merge the two bodies in order to better serve the public and to create a stronger organization. The Sacramento Builders' Exchange will assist the two bodies in completing the merger.

SAN JOAQUIN LUMBERMEN WILL VISIT GROVES

Lumbermen of the San Joaquin Valley are completing arrangements for a trip into the redwood forests of Northern California.

They plan to leave Fresno by automobile caravan on June 17th, returning on June 24th. At San Francisco, Northern California lumbermen will join the San Joaquin delegation for the trip.

PLUMBERS ELECT

At the convention held in Yakima, J. J. Ward, of Seattle, was elected president of the Master Plumbers Association of Washington. W. M. Lucas, of Spokane, was made vice-president; A. M. Goddard, Tacoma, treasurer and B. M. Richards, Everett, secretary.

E. W. Shaw, secretary of the Alameda County Builders' Exchange, has a novel way of keeping his organization before the public.

In the Sunday issue of one of Oakland's leading dailies he has featured a three line boxed head "Builders' Exchange Bulletin" under which is published notes of interest regarding the activities of the Exchange and its members.

The idea is excellent and should be adopted by every exchange in California—in fact, on the Pacific Coast. In addition to educating the public as to the movements of the building fraternity it tends to wake up members who should know more of their organization and its accomplishments

Get acquainted with the newspapermen in your district. Tell them what your organization is doing .You will find them anxious to publish your items. Further, you will find the public anxious to read them.

Such publicity is good for the building business and for your organization as well.

ROOFERS WILL ELIMINATE WASTE

The users of waste in the manufacture of roofing resolved to eliminate waste when members of the Prepared Roofing Assn., at their meeting in Washington, May 23, approved the advice of Secretary of Commerce Hoover, who recommended that they cut down the number of varieties of their products.

The association decided that 36 varieties of roll roofing now being manufactured mainly from waste material could be reduced to seven. About eighty per cent of the roofing manufacturers of the United States were represented at the meeting and seven out of ten of the roof made are of the kind of roofing they supply. In his address, Mr. Hoover said that one of the chief faults of the American manufacturing industry is that there are too many styles of products being put out and standardization along this line would bring a great saving for everybody.

OLD APPRENTICE PLAN MAY RETURN

Return to the old "apprentice" system in industry, which virtually passed out of existence in America fifty years ago, but which still exists to a wide extent in Europe, was predicted at a conference held in Cleveland, Ohio, June 5, primarily to discuss the bricklayers' shortage and to lay plans for training men. Architects, contractors, union representatives and educators attended the conference.

Announcement that the international union of bricklayers is wholeheartedly behind the movement and will back any apprentice school system which meets with the approval of the art committee of the local union and local contractors in any city was made by Thomas L. Preece, international vice president of the union.

INDUSTRIAL ASS'N. FROWNS ON WAGE INCREASE

The San Francisco Industrial Association is not in favor of granting the carpenters in the bay counties an increase of from $8 to $9 a day.

"This organization," said Max Kuhl, head of the association, "is committed to a policy of supporting the findings of the impartial wage board. Any efforts to lower or advance the scale will be fought.

"An increase in the wage scale from $8 to $9 a day as a minimum means an increase from $9 to $11 a day for skilled workers."

N. H. McLean, secretary of the Carpenters' Council, which by a majority vote of its 10,000 members asked for a wage increase, said that the carpenters have never recognized the impartial wage board.

Generally contractors of the city are paying above the $9 wage, he continued, and the opposition comes not from contractors "but material dealers, opposed to seeing labor share in prosperity."

ENGINEERS TO MEET HERE

Miners from thirteen Western States will discuss Western mining problems at the annual session of the Western Division of the American Mining Engineers, which will open for two days, beginning Monday, June 11, at 57 Post street.

D. D. Muir Jr. of Utah, president of the board of governors, will preside.

After the San Francisco convention has adjourned Tuesday the delegates will be the guests of the Sacramento Chamber of Commerce. On Wednesday and Thursday they will visit the mines along the Mother Lode.

California has two delegates to the meeting, Edwin Higgins, chairman, and Robert I. Kerr, secretary of the California Metal and Minerals Producers' Association

RICHMOND BUILDERS PLAN EXHIBIT

The Contra Costa County Builders' Exchange, with headquartera in Richmond, has appointed a committee to arrange for housing an exhibit of building materials in the new exchange home. The committee includes: R. W. Timmons, J. Cravath and E. H. Higgins.

Officers and directors for the third year of the Exchange will be nominated at the Friday, 15th meeting, and elected on June 22nd, according to L. C. Dexter, secretary of the exchange.

LUMBER SHIPMENTS GROW

Lumber shipments by water from North Pacific ports—of Oregon, Washington, British Columbia and Alaska—totaled 3,402,316,969 feet for 1922, according to figures of the Pacific Lumber Inspection Bureau. Shipments by water for 1921 were 1,963,193,482 feet, a gain of 1,349,123,487 feet.

This cut moving by water during 1922 would require a freight train nearly 319 miles long with cars forty feet in length each carrying 25,000 feet of lumber. The train would reach from Tacoma to San Francisco.

SEATTLE ENGINEERS ELECT

Chas. Lund, Superintendent of Distribution of the Tacoma Municipal Lighting Department, has been elected chairman and Joseph Hellenthal, Superintendent of Distribution for the Puget Sound Power & Light Company, Seattle division, secretary of the Seattle Section of the American Institute of Electrical Engineers.

Mr. Lund succeeds C. F. Terrell, Puget Sound Power & Light Company, Bellingham Division, and Mr. Hellenthal, E. S. Code of the Westinghouse Electric & Manufacturing Company, Seattle.

HARDWARE COMPANY SUED

Two damage suits growing out of an automobile accident have been filed against the Maxwell Hardware Company of Oakland. In one Captain Charles Waack, a navigator, demands $12,772 for injuries alleged to have been received when a delivery machine owned by the company collided with an automobile driven by Molten Mortensen, with whom Captain Waack was riding. Mortensen, who was uninjured, sues for $807 for damage to his car.

PUBLICATIONS

"An Investigation of the Fatigue of Metals, Series of 1922," is the title of a laboratory report issued by the University of Illinois. It deals with an investigation conducted by the Engineering Experiment Station at that university in conjunction with the National Research Council, the Engineering Foundation, and the General Electric Company. The tests were conducted by H. F. Moore and T. M. Jasper at that laboratory. The results are extremely interesting and deserve to be studied by every technical man interested in the subject of the behavior of metals when in use. Copies may be secured on application to the Engineering Experiment Station, University of Illinois, Urbana, Illinois.

The United States Bureau of Efficiency has recently published a pamphlet entitled "Guide to Original Sources for the Major Statistical Activities of the United States Government." The purpose of the publication is to furnish to persons the names of the branches of the government service engaged in the collection and the dissemination of statistical information, in order that anyone desiring information about a particular subject may know in advance what office to address.

The Donley Book of Fireplaces issued by The Donley Brothers Company, Cleveland, Ohio, is a sixteen-page booklet of interest to architects, home builders and prospective owners, in fact everyone who is concerned in any phase of the building and enjoyment of that ancient but undying focus of home interest—the fireplace.

Architects, builders and contractors have long wanted a comprehensive, yet practical, book on the use of concrete building units— a book which would tell how to distinguish well-made units and how to use them. Such a book has been published by the Portland Cement Association in "A Manual of Concrete Masonry Construction." Copies may be obtained free by addressing Portland Cement Association, 111 West Washington Street, Chicago.

May Building Totals

Building operations in San Francisco for the month of May, just closed, totaled $4,928,986, according to figures compiled by Chief Inspector of Buildings John P. Horgan of the Department of Public Works. During the past month 948 permits were granted as compared with 786 for the corresponding period in 1922, when the operations aggregated an expenditure of $4,377,066. The activities for May, according to value, show a decrease of $244,815, as compared with the month of April, this year, when the total registered $5,173,801. May building is the second best month this year, according to valuation, January, February and March being in the three million dollar class.

A feature of May operations is the unusual spurt in home building. While the erection of home has been a notable feature of the activities of the past few months. May construction shows the demand has not lessened but developed. Flats and apartments follow a close second in the activities.

Operations for May, 1923, are classified as follows:

Class	No. of Permits	Est. Cost.
"A"	2	$ 400,000
"B"	2	220,000
"C"	29	1,138,795
Frames	393	2,286,997
Alterations	521	866,694
Harbor Bldgs.	1	16,500
Total	948	$4,928,986

The activities for the past five months, according to figures compiled by Inspector Horgan, follow:

Month	No. of Permits	Est. Valuation
January	718	$3,205,811
February	782	3,278,676
March	97[illegible]	3,229,572
April	954	5,173,801
May	948	4,928,986

SACRAMENTO—May building totaled $703,740 against $532,303 for the corresponding period in 1922. During the past month 79 permits were granted for one-story dwellings costing $218,100; 10 permits for two-story dwellings, $75,210. Twelve business structures were erected at a cost of $130,414. The operations for the past five months total $3,178,207 as against $4,449,409 in 1922.

SAN JOSE—130 building permits issued during May, the improvements costing $337,360. Total includes 40 residences costing $140,450; four apartments, $34,380; seven business buildings, $114,165 and alterations, additions and repairs, $44,320, the balance for miscellaneous new buildings. May figures show $5,000 gain over April of this year and more than double the amount for May 1922.

FRESNO—Building for month totaled $208,185 as against $460,986 in April. Residence construction is most active, the operations for May totaling $119,065 with business structures second on the list at $50,000. Operations for the year ending April 30 total $2,410,365. The permits for April and May, 1923, are low in comparison with the same months last year, the respective totals for April 1922, and May, 1922, being $605,143 and $923,060.

BERKELEY—247 permits issued for new building during month of May, aggregating expenditure of $816,510 or $164,110 more than the record breaking month of May, 1922, when the total was $652,400. Exclusive of buildings erected on the University campus, the operations for the past five months total $3,043,609. May figures are $290,585 ahead of those of April this year, which were $13,000 ahead of the March total.

PORTLAND, ORE.—1322 building permits granted during May for improvements totaling $2,594,620 of which 312 were for residences costing $1,169,145. In May, 1922, there were 1404 permits issued aggregating an expenditure of $2,916,755 of which 360 were for residences costing $1,395,240. In May, 1921, a total of 1268 permits were issued, the improvements total $1,454,320 of which 298 were for residences costing $1,018,900. Total for year to date are: 5677 permits, $11,690,770.

RENO, NEVADA—May building activities total $87,996 or $18,556 more than those of May 1922. The total for the past five months is $361,851 as compared with $250,715 for the same period in 1922. May increase over April of this year is $55,276. Recent activities were hampered due to wage disputes.

EUREKA—May building activities total $251,900. This total includes $120,000 Masonic Temple project and store and office building to cost $41,000.

SEATTLE, Wash.—May operations total $1,867,280 as compared with $1,643,030 for the same period in 1922 and $1,566,005 in May 1921. Operations for the past five months total $8,439,868, as compared with $7,484,710 for the corresponding period in 1922.

OAKLAND—935 permits granted, representing construction totaling $2,373,020. Permits issued for 335 one-story frame dwellings costing $891,201 and 17 permits for two-story flats, $205,778.

BAKERSFIELD—May building suffered a slump, falling from $82,000 in April to $66,024. In May, 1921, permits were issued for $152,833 for new buildings, while in May, 1922, buildings totaling $124,485 were erected.

ALAMEDA—Building permits for May total $120,036. 22 permits issued for new buildings totaling $79,650. 40 permits issued for alterations and repairs costing $40,386. April, 1923, total was $140,046.

BAKERSFIELD—May building suffered a slump, falling from $82,000 in April to $66,024. Residential construction is feature of activities. During May permits were granted for 18 residences costing $39,000.

HANFORD—Building total for May is $105,310, the largest project covering the construction of a $98,000 brick business block.

SAN MATEO—Building total for May is $70,075. Residence construction is most active part of program.

BURLINGAME—Building permits for May total $150,270.

LOS ANGELES BARRED FROM BIG POWER PROJECT

In refusing to review the case in which the circuit court held that the City of Los Angeles could not condemn certain lands and water rights on the Owens River belonging to the Southern Sierra Power Company, the United States Supreme Court has upheld a principle of law of great importance to electric power development in California.

The principle is that a municipality has no right to condemn property to its own use, when that property already is beig devoted to the public use of other municipal corporations, even though by a privately owned utility.

The point on which the company won its contest against the municipality was that the property which Los Angeles sought to condemn was being used by the company in the interests of other cities.

BAY CARPENTERS SEEK WAGE INCREASE

A demand for a wage increase of $1 a day, fixing the new scale at $9 a day, was voted by the Bay Counties District Council of Carpenters comprised of 10,000 union carpenters in San Francisco, Alameda, San Mateo and Marin counties.

The District Council, in keeping with this action, will notify the Builders' Exchange and then contractors of the district of the $9 minimum scale.

Officers of the Council have been further empowered by the vote of the members to put the new scale into effect.

In this connection A. W. Muir, general representative of the United Brotherhood of Carpenters, said:

"There is nothing that the Council will not do to bring about an honorable adjustment of the new conditions of wage.

"Fully 70 per cent of the contractors in the district are paying $9 and more now, so that no difficulty is expected in putting the new scale into effect. Besides San Francisco must pay a scale of wages comparable to other cities, which for the most part are paying carpenters $9 and $10 a day, if she expects to keep first class mechanics."

N. H. McLean, secretary of the Council, announced that the measure had passed by a vote of three to one.

A wage scale of $8 a day was fixed by the "Impartial Wage Board" of the Industrial Association last November. The carpenters' union have always maintained that they were not affected by the board's ruling, having refused in advance to accept the wage board's jurisdiction. Nevertheless the wage board fixed the $8 scale for carpenters and the Industrial Association announced that it would enforce that scale.

HOME PRIZE AWARDED

Philip DeLongchamps, formerly of Reno, Nevada, won first prize for the best design of a $7,500 cottage in the "Better Homes" contest conducted in Sacramento, receiving an award of $100 from the Better Homes Week Association of that city. The prize winner is a brother of F. J. DeLongchamps, Reno architect.

TRADE NOTES

Construction of the Sugar Pine Lumber Company's rail line from Crane Valley Dam to Central Camp has been started, following the completion of the Minarets and Western Railroad's line from Friant to Crane Valley Dam. The Sugar Pine line will extend into the logging camp, a distance of eleven miles, and will be hauled over it from the camp to Wishon, the terminus at the dam of the Minarets and Western. From this point the timber will be hauled over the Minarets and Western line to Friant, by the Minarets and Western over the Southern Pacific lines to Pinedale Junction, and from that point to the Sugar Pine Lumber Company's mill at Pinedale over the Minarets and Western lines.

C. G. Blagen of Grays Harbor, Wash., is reported to have purchased the plant and timber holdings of the Davies-Johnson Lumber Company at Calpine, Sierra County, Calif. Blagen maintains headquarters in Portland, Ore.

The Columbia Terra Cotta Company is shortly to have its plant in operation at Vancouver, Wash. Workmen are now laying the foundation for the kilns.

Unfairness To Contractors on Government Work Is Protested

(Reprint—U. S. Government Advertiser)

A grevious state of affairs exists in the present administration. Justice to individuals and firms engaged in doing business with the United States Government appears to be of not the slightest consequence as a part of the duties devolving upon those who have to do with the interpretation of official obligations. In other words, the lawyers of the Government seem to be incapable of realizing that a contract while made in proper form for work that is acceptably performed is binding on the government that makes it quite as much as it is upon the "party of the second part." The main difficulty is in the direction of the office of the comptroller general, who not only makes the most arbitrary rulings, but who sets himself up as of superior power to the heads of the executive departments and even the courts. His usurpation of the functions assigned by statute to others such as the Secretary of the Navy and the Secretary of War, stands out as one of the most extraordinary episodes in a long and striking list of erratic performances in that quarter. It is not amazing, therefore, to learn that the President is embarrassed by the situation. He should be, if the head of the nation possesses, as we must believe he does, any comprehension of justice due to the buiness men and the industries of the country from whom and from which is derived the means, through taxation, for conducting the Government.

The comptroller general in assuming this authority does so in the following language in one case of many (that of F. W. Cunningham & Sons in a contract awarded by General I. W. Littell, Q. M. C., for certain construction at Fort Preble, Mo.): "* * * but it is claimed that the Secretary of War and the agencies created by him are the sole judges of whether or not there was an informal agreement within the purview of the act of March 2, 1919, and that this office is without authority to disallow a payment made pursuant to the authority of that act unless the claim in settlement of which the award is made was clearly outside the class of cases covered by the act or was not filed within the statutory period necessary to give the Secretary of War jurisdiction. The authority of this office to decide questions involving payments of money from the Treasury is unquestionable and payments made under the act of March 2, 1919, are therefore subject to review in order that it may be determined whether such payments were properly made from public funds.

This is about as high-handed acquisition of the duties of another as has been furnished in the career of the comptroller general. In the absence of the Secretary of War, it is not known what action will be taken, but it is expected the President, who is beginning to realize the damaging effect of the comptroller generals' arbitrary and despotic action, will request an opinion of his attorney general as to the right of the head of the War Department, as indicated in the law, to discharge the duties of finally disposing of claims for payment under contracts made in definite terms by the representatives of the Government for work that has been properly performed and accepted years ago.

A recent development of the unfairness visited upon contractors is the action of the U. S. Shipping Board attorneys, as exploited somewhat flamboyantly in the newspapers this week. The claim is made that a "saving" of about ten million dollars has been effected. The assertion is about as unreliable as could be imagined; it is worse in that it represents official action in relation to people in business of which the officials implicated should be ashamed. If the Department of Justice is a party to the miserable transaction, it adds nothing to the reputation for fairness in that direction and is easily identified as a part of the silly scheme for political aggrandizement that is as futile as it is base. The episode is thus described in the apparently authorized publication:

"The claim of the Bethlehem Steel Corporation for $8,500,000 alleged to be due under wartime contracts has been tentatively disapproved by the Shipping Board's claim committee in a decision which was said yesterday to have the approval of a majority of the board. The decision was based on a former legal opinion setting forth a new and sweeping interpretation of Government contracts which, if sustained by the courts, will result in the recovery by the Government of hundreds of millions of dollars paid out in settlement of emergency construction. In brief, the opinion held that, a contract to the contrary notwithstanding, a contractor can not collect from the Government under the so-called 'savings clause.' The Bethlehem contract, like scores of other important wartime industrial agreements, provided that the company should receive a fixed fee plus a stipulated percentage of any economies it might effect which would bring the cost of the work below a set figure. In the opinion of counsel sonsulted by the committee and affirmed by the Department of Justice, a contractor is bound in honor and at law to give the best possible results in performing the work he undertakes and to effect without extra compensation all possible economies."

To what extent this incident will affect many important Army and Navy and other contracts remains to be revealed. In the Navy Department, for example, the 150 destroyers, for which contracts were not completed, are in the class of projects corresponding with the Shipping Board obligations that have been so sublimely repudiated. The after-war, re-written contracts on the naval vessels were so formed as to include a bonus at rates reduced over the war orders, with their percentages of savings. So, too, were the 12 oil tankers built by the Navy Department for the Emergency Fleet Corporation, the work on 8 of them being done at Newport News and on 4 of them at Cramps' yards.

When the comptroller general gets around to it, he may conclude that the payments made in those instances, although the transactions were supposed to be closed, may be reopened. That official has a dreadful habit of doing that very thing. The system of giving a bonus provided an incentive, without which urgently needed work could not have been completed within a period required by the emergency of the war. The contracts expressly provided for the reward for this saving of time and of cost. The effect of this belated rejection of the obligation is to create violent indignation, which is making itself felt at the White House. It is of much consequence, of which the administration will be disposed to take heed, that the business people of the country are assailing the integrity of the lawyers of the Government, those of the U. S. Shipping Board appearing to have acquired the tendencies of the comptroller general.

Building News Section

APARTMENTS

Contract Awarded.
APTS. & STORE Cost, $125,000
SAN FRANCISCO, NE Sutter and Larkin.
Six-story and basement reinforced concrete apts. and store (38 2 & 3-room apts. and 3 stores).
Owner—I. E. & Peter Bradley, 180 Jessie St., San Francisco.
Architect—E. H. Denke, 1317 Hyde St., San Francisco.
Contractor—Fennell & Chisholm, 180 Jessie St., San Francisco.
Contract includes all work except the plastering, which will be done by the owner.

Plans Being Prepared.
APT. BLDG. Cost, $45,000
SAN FRANCISCO, Taylor near Edwy.
Three-story frame and stucco apt. building (12 3-room apts.)
Owner—None.
Architect—E. H. Denke, 1317 Hyde St., San Francisco.
Plans will be ready for figures in about three weeks.

Owner Taking Sub-Figures.
APT. BUILDING Cost, $90,000
SAN FRANCISCO, W Hyde S Sutter St.
Five-story and basement reinforced concrete apt. bldg. (25 2 & 3-room apartments)
Owner—Chas. Johnson, 36 Steiner St., San Francisco.
Architect—Baumann & Jose 251 Kearny St., San Francisco.

Sub-Figures Being Taken—Steel Contract Awarded.
APT. BLDG. Cost, $80,000
SAN FRANCISCO, NE Sacramento and Joice Sts. Five-story and basement class "C" 24-apt. bldg.
Owner—Ellen Ryan.
Contractor—Bay Construction Co., 215 Bacon Bldg., Oakland.
The steel contract has been awarded to the Schrader Iron Works, 1247 Harrison St., S. F., at approx) $9000.

Completing Working Drawings.
APT. BLDG. Cost, $30,000
SAN FRANCISCO, N Jackson 100 E Buchannan.
Five-story class C reinf. conc. apt. bldg.
Owner—Sydney L. Peiser.
Architect—MacDonald & Couchot, 234 Pine St., San Francisco.

Owner Taking Sub-Figures.
APT. HOUSE Cost, $20,000
SAN FRANCISCO, N Grove 106 E Clayton.
Two-story and basement frame and stucco apartment house (4 4-room apartments).
Owner—P. J. Phelan, 480 Funston Ave., San Francisco.
Architect—A. H. Knoll, Hearst Bldg., San Francisco.

Completing Plans—Figures to be Taken Shortly.
APARTMENTS Cost, $——
SAUSALITO, Marin Co., Cal.
Two-story frame store and apartment building.
Owner—H. Andler, 1803 Fillmore St., San Francisco.

Plans To Be Prepared.
APARTMENT Cost $200,000
STOCKTON, San Joaquin Co., Calif.
Four-story class "C" Apt. Bldg., 200 rooms (Old English exterior and French interior.)
Owner—Chas. W. Iverson and A. L. Lissner, Hotel Turpin, San Fran.
Architect—Not selected.
Cooking system, ice making plant, special ventilating system, etc.

Contract Awarded
BENNETT APARTMENTS. Cost $65,000
STOCKTON, San Joaquin Co., Calif.
Rebuild fire damage to 3-story brick apartment bldg.
Owner—Chas. W. Iverson & A. L. Lissner, Hotel Turpin, San Francisco.
Architect and contractor—Frank M. Liscom, 102 W. Maple St., Stockton.

Plans Being Figured.
APT. BLDG. Cost, $—
RICHMOND, Contra Costa Co., Cal. Barret Ave., bet. 8th and 9th Sts.
Two-story brick and frame apt. bldg. (4 4-room apts.).
Owner—Jas. Walker, care Builders Exchange, 14th St., Richmond.
Architect—Jas. T. Narbett, 910 Macdonald Ave., Richmond.
Figures are being taken for a general contract. Plans are on file at the Richmond Builders' Exchange.

Plans Completed.
APARTMENTS Cost, $20,000
OAKLAND, Alameda Co., Cal. NE Eastern Thirty-third St. and Park Blvd.
Three-story frame 24-room apartments
Owner—E. B. Leonard, 589 Kenmore Ave., Oakland.

Plans Completed.
APT. BLDG. Cost, $15,000
SAN JOSE, Santa Clara Co., Cal., SW St. James and Eighth.
Two-story frame apt. bldg.
Owner—Mrs. H. W. Rogers.
Architect—Wolfe & Higgins, Auzerais Bldg., San Jose.

PORTLAND, Ore. — Archt. John H. Grant, 1107 Board of Trade Bldg., takes bids in two weeks for 4-story and basement reinforced concrete apartments for Commodore Investment Co., Chamber of Commerce Bldg., to be erected in Glisan St., bet. 20th and 21st Sts.; est. cost $250,000. Will be 90 by 139 ft. with 14 apts. on each floor.

LOS ANGELES, Cal.—Archts. Russell & Alpaugh, 1106 Story Bldg., are preparing plans for a 4-story class C apt. house to be erected at n.e. cor. of 11th and Lake Sts. for Julia A. Fitch. It will contain 130 rooms, 55 apts.; dimensions 90x145 ft., brick walls, conc. basement, press. brick facing, marble and tile work, steel beams, comp. rfg., pine trim wall beds, water htrs., gas rads., refrigerating plant, elevator.

LOS ANGELES, Cal.—Archts. Russell & Alpaugh, 1106 Story Bldg., have completed plans and are taking bids for erecting a 4-story and basement class C apt. house at 6th St. and St. Andrews Pl. for J. G. Obendorc. Bids will be taken separately on the general contract, htg., plbg., wiring and refrigerating sys. It will contain 116 rms., 50 apts.; dimensions, 73x139 ft., brick walls, press. brick facing, marble and tile work, steel beams, comp. rfg., wall beds.

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Phone Randolph 5982

LOS ANGELES, Cal.—Archt C. C. Rittenhouse, 449 Wilcox Bldg. has completed plans and is taking bids on separate contracts for the erection of a 27-apt. bldg. on W 11th St. near Sunbury St., for A. R. Gillman. Frame and plaa. constr., 3-story and basement, tile and comp. rfg., hardwood and O. P. flsa., tile baths and drainboards, aut. storage water htr., gas rads., wall beds, aabestos stucco exter. trim, O. P. trim, cost $50,000.

SAN RAFAEL, Marin Co., Cal.—See "Banks, Stores and Offices," thia issue.

LOS ANGELES, Cal.—R. V. Jones, Jr., 634 S Western Ave., has prepared plans for a 40-rm., 20-apt. bldg. to be erected on Alvarado Terrace near Pico St., for Rose Frazer, 1869 Winfield St. Two-story, 42x134 ft., frame and plas. constr. Cost, $40,000.

LOS ANGELES, Cal. — J. A. Brown, 1414 Union Ave., has the contract to erect a 51-rm., 36-apt. bldg. on Yucca St. near Hollywood Blvd., for Mrs. Knial. Three-story, 70x181 ft., frame & plas. constr., comp. rfg., pine trim, wall beds, tiled baths, gas rads., water htrs., cost $100,000.

LOS ANGELES, Cal.—Arthur B. Weber, 206 Wilshire Bldg., 6th St. and Western Ave., has had plans prepared and will erect a four-story Class C brick apartment house at the southwest corner of 8th St. and Westlake Ave., for himself. It will contain 101 rooms, 47 apartments; dimensions, 65x137 ft., brick walls, press. brick facing, marble and tile work, comp. roofing, pine trim, elevator, wall beds, tiled bathrooms, steam heating. Cost, $125,000.

LOS ANGELES, Cal.—L. T. Mayo, 531 Black Bldg., has the contract to erect a 50-room, 24-apt. building near 3rd St. and Union Ave., for Howard Erwood. Two-story, 40x143 ft., frame and plaster constr., comp. rfg., pine trim, oak flrs., wall beds, tiled baths, gas rads., water htrs. Cost, $60,000. E. B. Rust, 523 Black Bldg., Architect.

LOS ANGELES, Cal.—Archts. Russell & Alpaugh, 1106 Story Bldg., L. A. are preparing plans for a 12-story class A community apt. house to be erected at n.w. cor. of Cedar and 3rd St., Long Beach, for Fred Stilwell. It will contain 200 apts.; dimensions 105x150 ft., reinf. concr. constr., marble and tile work, elevators, steam htg.; $1,000,000.

LOS ANGELES, Cal.—Archts. Russell & Alpaugh, 1106 Story Bldg., are preparing plans for a 4-story class C apt. house to be erected at s.w. corner 33rd St. and Grand Ave. for Fred Stilwell. It will contain 48 apts.; dimensions, 64x130 ft., preas. brick facing, marble and tile work, pine trim, elevator, wall beds, gas htg.

MARTINEZ, Contra Costa Co., Cal.—La Rosa and Thatt, Pittsburg, Calif., awarded cont. at $10,300 to erect two-story concrete 4-apt. building in Estudillo St., for G. Ventimiglia of Martinez.

BONDS

MERCED, Merced Co., Cal.—Bonds of $200,000 voted in Merced High School District to finance school improvements.

SAN JOSE, Santa Clara Co., Cal.—Supervisors sell $22,000 bond issue of Hester School District for premium of $37, proceeds of sale to finance construction of school improvements. Wyckoff & White, Growers Bank Bldg., San Jose, architects. Bids for the construction of the building were opened on June 6th.

KELSEYVILLE, Lake Co., Cal.—Election will be held June 22 in Kelseyville Union High School District to vote bonds of $50,000 to purchase site and erect new high school.

INGLEWOOD, L. A. Co., Cal. — An election will be held in the Inglewood high school dist., June 22, to vote on a $450,000 high school bond issue. H. D. Foster, pres. and Frank D. Parent, clk.

SANTA CRUZ, Santa Cruz Co., Cal.—Election will be held June 23 in Scotts Valley School District to vote bonds of $7,500 to finance school improvements. Trustees of district are: B. Rice, D. K. Ryder and Albert C. Kitchel.

WATSONVILLE, Santa Cruz Co., Cal.—City will vote bonds of $200,000 to finance construction of $100,000 high school and $100,000 for grade schools.

YUBA CITY, Sutter Co., Cal.—Second election held in Pleasant Grove Union School District to vote bonds to finance construction of new school failed by 12 votes. Previous election failed by 2 votes. Trustees propose to levy direct tax to finance construction.

DURHAM, Butte Co., Cal.—Second election will be held June 22 in Durham High School District to vote bonds of $90,000 to finance construction of new high school. Previous election was defeated. Trustees of district are: Fred Rollins, president; G. W. Jones, G. H. Cunningham, Frank M. Hall and A. S. Jones.

STOCKTON, San Joaquin Co., Cal.—Election will be held June 22 in Castle Rock School District to vote bonds of $16,000 to finance construction of a new school. Trustees of district are: Mrs. Maribell Castle, Geo. R. Reynolds and H. H. Hitchcock.

HANFORD, Kings Co., Cal.—City Trustees will call election to vote bonds of $190,000 to purchase site and erect municipal auditorium. D. C. Williams is city clerk.

UKIAH, Mendocino Co. Cal.—Bonds of $35,000 voted in Anderson Valley School District to finance construction of new school. Norman R. Coulter, 46 Kearny St., San Francisco, is the architect.

McFARLAND, Kern Co., Cal.—Election will be called at once in McFarland School District to vote bonds of $50,000 to finance first unit of group of school buildings.

FRESNO, Fresno Co., Cal.—Election will be held June 15 in Franklin School District to vote bonds of $16,000 to finance school improvements. Trustees of district are: A. G. Fisher, E. R. Eichner and B. E. Newman.

KINGMAN, Ariz.—A $150,000 school bond issue will be voted on in Kingman school dist. No. 4 on June 5. C. J. Walters, secretary.

HANFORD, Kings Co., Cal.—Supervisors sell $17,000 bond issue of San Jose Elementary School District and $50,000 issue of Stratford Elementary School District for premiums of $364 and $1277, respectively. Proceeds of the sales will finance school improvements.

MEDFORD, Ore.—City will vote June 15 question of issuing bonds of $160,000 to finance construction of new high school.

LOS ANGELES, Cal.—City votes bonds of $7,500,000 for new city hall and site; $15,000,000 for harbor improvements; $2,000,000 for viaducts and $1,500,000 for playgrounds. Proposal to issue $35,000,000 in bonds to develop electric power at Boulder Canyon on Colorado river failed to carry.

CHURCHES

Contract Awarded.
CLERGY Cost, $25,000
SAN FRANCISCO SE Balboa St. and Fortieth Ave. (St. Thomas Church)
Two-story frame and stucco clergy with slate roof.
Owner—Roman Catholic Archbishop of San Francisco.
Architect—Albert Cauldwell, 251 Kearny St., San Francisco.
Contractor—J. A. Bryant, 185 Stevenson St., San Francisco.

Contracts To Be Signed In a Few Days.
CHURCH Cost, $140,000
SAN FRANCISCO, O'Farrell St. & Shannon.
Reinforced concrete and steel church.
Owner—Fifth Church of Christ Scientist.
Architect—Carl Werner, Santa Fe Bldg San Francisco.
General contract awarded to John Morton, Balboa Bldg., S. F., $60,043.
Structural steel to Central Iron Works, 2050 Bryant St., S. F., $8900.
Electric work to Frank J. Klimm, 221 Oak St., S. F., $5395.
Plastering to A. J. Hillam, 351 12th St., Oakland, $29,250.
Plumbing to J. E. O'Mara, 443 Minna St. S. F., $3235.
Heating to Ideal Heating Co., 1326 Bonita Ave., Berkeley, $7500.
Painting to D. Zelinsky & Sons, 165 Grove St., S. F., $3796.

Working Drawings Being Prepared.
CHURCH Cost, $40,000
ORLAND, Contra Costa Co., Cal.
Concrete church with tile roof.
Owner—Orland Methodist Church.
Architect—W. J. Wythe, Central Bank Bldg., Oakland.
Funds are now being raised.

Contract Awarded.
ADDITIONS Cost, $25,000
SAN FRANCISCO, SW Twenty-fourth and Florida Sts.
Remodel and construct additions to rectory, install heating plant, electric work, plumbing, etc.
Owner—Roman Catholic Archbishop of San Francisco.
Architect—Shea & Shea, Chronicle Bldg., San Francisco.
Contractor—John J. Leonard, 180 Jessie St., San Francisco.

ELSINORE, Riverside Co., Cal.—Olof Erickson, 320 Heald Ave., Elsinore, has the contract to erect a new church building at Elsinore, for the First Methodist Episcopal Church; will contain auditorium and balcony to seat 500 people, graduated class rooms, social hall, kitchen, shower baths, and rest rooms. Hollow tile walls, plaster exterior, 2-story and basement. Plans by Arthur G. Lindley and Chas. Selkirk, assoc.

ONTARIO, San Bernardino Co., Cal.—Campbell Constr. Co., Ontario, has been awarded contract at $43,000 for all work except heating and painting for erecting an English style church at Ontario for Roman Catholic Bishop of Los Angeles and San Diego. Albert C. Martin, 430 Higgins Bldg., Los Angeles, is the architect. The building will be one-story, with balcony; brick construction, hardwood and pine floors, pine trim, art glass, gas heating.

LOS ANGELES, Cal.—Architect S. H. Brown, 528 Union League Bldg., is preparing plans for the erection of a chapel and gate lodge at Downey Rd. and Whittier Blvd., for the Jewish Cemetery; chapel will contain auditorium to seat 200 people with ante rooms, gate lodge will have office and six-room apartment. Brick and frame and plaster construction, tile and composition roofing, maple and O. P. floors, tile bath, art glass, gas radiators, automatic water heater, mantel, metal lath, 300 ft. of wrought iron fence. Cost, $50,000.

BAKERSFIELD, Kern Co., Cal.—Work will start soon on the First Christian Church building to be erected at a cost of $100,000. The auditorium will seat 1400 and the Sunday school will accommodate 1600. Construction will start as soon as details are decided. Earl H. Dife, is pastor.

LIGNI-SALVOR
Best Wood Preserver (REGISTERED)
50 Gal. Bbl. $2.00 Gal.
5 GAL. CANS $1.25 Net F.O.B. SF
Contains 60% Crude Carbolic Acid in Insoluble Form
Douglas Woodhams & Co.
24 CALIFORNIA ST. SAN FRANCISCO CALIF.
PHONE SUTTER 5347

FACTORIES & WAREHOUSES

Plans Being Figured.
GARAGE, ETC. Cost $—
SAN FRANCISCO. S Eddy St. 87-6 E Hyde St.
One-story and basement reinforced concrete store and garage building designed to carry 4 stories.
Owner—L. W. Allen.
Architect—O'Brien Bros., 315 Montgomery St., San Francisco.

Excavating Contract Awarded.
EXCAVATING Cost, $15,000 approx. 55c per aq. yd
SAN FRANCISCO, NW Mississippi and Army Sts.
Excavating and filling for warehouse.
Owner—Edw. L. Soule Co., Rialto Bldg. San Francisco.
Contractor—W. H. Hauser, 351 12th St. Oakland.
Only the excavating and filling will be done at this time. Later when plans are prepared further information will be given.

Figures to be Taken Shortly.
SERVICE BLDG. Cost, $70,000
SAN FRANCISCO. E Guerrero 130 N Sixteenth St.
One-story concrete service building.
Owner — National Ice Cream Co., 366 Guerrero St., San Francisco.
Engineer—Albert J. Mazurette, 366 Guerrero St., San Francisco.

Concrete Work Awarded—Bids Being Taken for Brick & Terra Cotta Work.
ADDITION Cost, $75,000
SAN FRANCISCO, No. 638 Sacramento Street.
Three-story and basement Class A reinforced concrete loft building addition 22-6x119-6, also remove brick wall, install 1 passenger elevator, etc.
Owner — Mergenthaler Linotype Co., premises.
Architect—A. A. Cantin, Foxcroft Bldg., San Francisco.
Concrete work awarded to Chas. H. Nielson (Pioneer Concrete Co.), 180 Jessie St., $10,740.

Plans To Be Prepared.
To Be Done By Day's Work.
LOFT BLDG. Cost, $85,000
SAN FRANCISCO, 7th S of Bryant
Three-story brick and mill constructed loft bldg. 70x160.
Owner—Withheld.
Architect — Henry Shermund, Hearst Bldg., San Francisco.

Plans Being Figured.
WAREHOUSE Coet $—
RICHMOND, Contra Costa Co., Cal., 20th St. and Santa Fe Track.
One-story frame and corrugated iron warehouse 50x100.
Owner—F. A. & C. V. Mero, of Richmond Roofing Co., 401 16th St., Richmond.
Plans are on file in the Richmond Builders' Exchange on 14th St., Richmond.

Plans Being Prepared.
FACTORY Cost, $12,000
REDWOOD CITY, San Mateo Co., Cal.
One-story brick and tile or frame factory building.
Owner—Gogle Hand-Forged Tools Co., 1941 Polk St., S. F.
Architect—Mitchell-Jackson Inc., 170 2nd Ave., San Mateo.
Contractor—Mitchell-Jackson, Inc., 170 2nd Ave., San Mateo.

Sub-Figures Being Taken.
ADDITION Cost, $300,000
SAN FRANCISCO, 3rd and 21st Sts.
Two-story reinforced concrete addition to factory building.
Owner—American Can Co.
Architect—C. G. Price, of the American Can Co., New York.
Contractor—Lindgren Co., Monadnock Bldg., San Francisco.
The reinforcing steel has been awarded to the Columbia Steel Co.

Contractor Taking Sub-Figures.
LAUNDRY Cost, $50,000
SAN FRANCISCO, 13th and Folsom Sts.
Two-story reinforced concrete laundry.
Owner—Crystal Laundry.
Supervising Archt.—August G. Headman, Call Bldg., S. F.
Contractor—R. McLeran & Co., Hearst Bldg., San Francisco.

STRATFORD, Kings Co., Cal.—Stratford Warehouse Co. is building a grain warehouse, 72x350 ft. It will have concrete foundation, walls and roof of corrugated iron. A. W. Goodfellow is owner and W. D. Dockstader is Mgr.

MADERA, Madera Co., Cal.—Madera Daily Mercury has purchased site, 50 by 100 feet, in South C street and will erect newspaper plant. The first unit, to be undertaken at once, will cover a ground area of 25 by 75 feet.

OAKLAND, Cal.—California Transit Co., 55 5th St., San Francisco, and California Body & Top Works, 661 Golden Gate Ave., San Francisco, are seeking site in Oakland on which to erect $750,000 plant for the manufacture of motor buses.

SALINAS, Monterey Co., Cal.—C. G. Fregulia, Joseph Cassa and E. M. Galli of Hollister, have leased property in Market street and will erect a plant for the manufacture of concrete pipe. The promoters of the project have operated a similar plant in Hollister for the past three years and will maintain the Salinas plant in addition to the present one.

HAYWARD, Alameda Co., Cal.—Hayward Farm Products Sales Co., C and Castro Sts., Hayward, has purchased a site in B St., fronting Western Pacific property and will erect a modern canning and packing plant. Frank J. Cunha is president of the company.

LOS ANGELES, Cal.—Ironall Cloth Co., 822 S. Los Angeles St., announc through the Chamber of Commerce and their pres., O. A. Berman, that they will erect a $500,000 reinforced concrete factory building on a site which is withheld temporarily.

LOS ANGELES, Cal. —Lockwood Greene Co., engrs., 38 S. Dearborn St., Chicago, Ill., are preparing plans for a $6,000,000 knitting mill to be erected on a 7-acre site, location withheld temporarily, for Theim Bros. Co., of Ft. Wayne, Ind. The first unit which will cost $800,000, will be erected at once, according to the chamber of commerce.

PORTLAND, Ore.—Archts. Strong & McNaughton, Corbett Bldg., have completed plans for one-story machine shop and boiler house to be erected in 16th St., bet. Cough and Davis St., for Jos. Hirsch, 171 St. Claire St., Portland; est. cost $17,000.

SOUTH SAN FRANCISCO, San Mateo Co., Cal.—V. Boido and B. Damele, owners of the South San Francisco Bakery, have purchased site in Grand Ave. and will erect a modern baking plant. Plans for the structure are yet to be prepared. Construction will probably be of reinforced concrete.

FRESNO, Fresno Co., Cal.—San Joaquin Light and Power Corp. has started excav for a transformer whse. to be erected in Orange and California. Reinforced concrete constr., costing approx. $60,000. Equipment, etc., will cost about $12,000. A 10-ton traveling crane will be installed. A. Emory Weston, gen. mgr., Fresno.

FLATS

Contract Awarded.
FLATS Cost, $16,800
SAN FRANCISCO, NW Lombard and Franklin.
Two-story and basement frame (4) flats.
Owner—R. J. Olivi, 1339 Greenwich, San Francisco.
Architect—J. A. Porporato, 619 Washington, San Francisco.
Contractor—G. Chiappi, 491 Greenwich St., San Francisco.

GARAGES

Plans to be Prepared.
AUTO STAGE DEPOT. Cost, $——
PETALUMA, Sonoma Co., Cal. Corner Fourth and A Sts.
One-story reinforced concrete auto stage depot, 50x40 with office and waiting room.
Owner—Sausalito-Petaluma and Santa Rosa Stage Co (W. H. Curtis et al) Santa Rosa.
Architect—Petaluma Architect to be Selected.

Plans Being Figured.
GARAGE Cost, $20,000
ALAMEDA, Alameda Co., Cal.
One-story brick garage.
Owner—Withheld.
Architect—A. A. Cantin, 68 Post St., San Francisco.

Plans To Be Prepared.
FLAT BLDG. Cost, $14,000
SAN FRANCISCO, S Chestnut St. near Van Ness Ave.
Two-story and basement frame and stucco flat bldg. (3 flats).
Owner—Withheld.
Architect—A. J. Fabre and E. Hildebrand, 110 Sutter St., S. F.

Plans Being Figured.
FLATS Cost, $20,000
SAN FRANCISCO, Broadway & Franklin Streets.
Two-story frame and stucco flats.
Owner—Withheld.
Architect—Sylvain Schmaittacher, 233 Post St., San Francisco.
SAN FRANCISCO—See "Miscellaneous Buildings," this issue.

MARTINEZ, Contra Costa Co., Cal.—Allen's Garage (Jesse V. Allen, owner), will erect 45 by 70 ft. addition for auto repair shop adjoining the present garage in Pacheco Blvd.

GOVERNMENT WORK AND SUPPLIES

PEARL HARBOR—See "Official Proposals," this issue.

SAN FRANCISCO—Col. Alston Hamilton, Col. B. Frank Cheatham and Lieut. Col. Wm. H. Tobin have been appointed, as a board, to make a survey of building needs for the Presidio for presentation to the War Department. The board was appointed following the unfavorable comment on the reservation upon the recent visit of Secretary of War John W. Weeks and his congressional party.

WASHINGTON, D. C.—Until July 18, 11 a. m., bids will be rec. by Bureau of Yards and Docks, Navy Department, to const. pipe line at Pearl Harbor, T. H. under Specification No. 4827. Project provides for installation of valves, hydrants and valve boxes. Spec. obtainable from Bureau at Washington or from Commandant at Mare Island, Cal., Navy Yard on deposit of $10 returnable.

C. H. BROWN
Plaster Contractor
220 S. TWELFTH ST.
Richmond, California
PHONE RICHMOND 1035

WASHINGTON, D. C.—Bids are being received by Bureau of Supplies and Accounts, Navy Department, for fur. materials for Navy Yards as follows; date for opening bids as noted at end of each paragraph:

Sched 871, various eastern and western yards, 64,000 lbs. marine glue, June 19.

Sched 872, Mare Island, 4000 lbs. of lubricating graphite, June 19.

Sched 877, various eastern and western yards, miscellaneous quantity of furniture, June 26.

Sched 878, various eastern and western yards, miscellaneous quantity of carpets and rugs, June 19.

Sched 880, Puget Sound, 2 transformers, June 12.

Sched 881, Puget Sound, 1 switchboard, June 12.

Sched. 882, Puget Sound, miscellaneous quantity of electric cable, June 12.

Sched 883, various eastern and western yards, miscellaneous quantity of hair felt, June 19.

Sched 884, various eastern yards 238,000 lbs. calcium carbide, June 12.

Sched 885, various eastern yards, miscellaneous quantiy of rubber pump valves, June 12.

Sched 887, Mare Island, Miscellaneous quantity of condenser tubes, June 19.

Sched 890, various eastern and western yards, miscellaneous quantity of crucibles, June 19.

Sched 891, various eastern and western yards, miscellaneous quantity of boiler compound, June 19.

Sched 892, various eastern and western yards, miscellaneous quantity of flashlights and batteries, June 19.

Sched 893, various eastern and western yards, miscellaneous quantity of lubricating grease, June 19.

WASHINGTON, D. C.—Following bids rec. by Bureau of Yards and Docks, Navy Department, Under Specification No. 4692, to construct seaplane hangar and runway at Pearl Harbor, T. H.:

Item 1, entire work, complete; 2, do. based on addition of two intermediate bays.

Hawaiian Constr. Co., 854 Kaahumanu St., Honolulu, T. H., item 1, $208,721, 240 days; 2, $237,754, 300 days.

H. L. Ferandez & Co., 1023 Alaska St., Honolulu, T. H., item 1, $213,300, 240 days; 2, $249,300, 240 days.

J. L. Young Engineering Co., foot Merchant St., Honolulu, T. H., item 1, $214,000, 300 days; 2, $274,000, 300 days.

Ralph E. Woolley, 305 James Campbell Bldg., Honolulu, T. H., item 1, $214,540, 240 days; 2, $260,164, 240 days.

Louis R. Smith, 1576 Pensacola St., Honolulu, T. H., item 1, $174,716, 240 days; 2, $207,075, 300 days.

Walker & Olund, 820 Lower Piiokl St., Honolulu, T. H., item 1, $198,500, 240 days; 2, $228,300, 285 days

W. F. Martens, 112 Cutler Bldg., Rochester, N. Y., item 1, $190,000, 275 days; 2, $218,000, 305 days.

Yards and Docks, Navy Dept., completes Spec. No. 4799 for construction of piers and wharves at Pearl Harbor and bids will be asked shortly. Applications for plans and spec. may be filed with Bur. at this time.

WASHINGTON, D. C.—Union Const. Co., Balfour Bldg., San Francisco, at $1,475 (60 days), awarded cont. by Bur. of Yards and Docks, Navy Dept., to erect flagstaff at San Diego, under Spec. 4838. Pole and Tube Works, Inc., Newark, N. J., $2,690, 120 days.

WASHINGTON, D. C.—De Waard & Cobham, Granger Bldg., San Diego, at $7,148 awarded cont. by Bur. of Yards and Docks, Navy Dept., to grade and const. walks at San Diego, under Spec. 4846; units of 30c per lin. ft. for item 4, sidewalks, also accepted.

WASHINGTON, D. C.—Until June 13, 11 a. m., bids will be rec. by Bureau of Yards and Docks, Navy Department, under Specification No. 4764, for fur. and install approx. 1200 ft. conc. conduit contain steam, high-pressure and low pressure returns; about 6400 lin. ft. electric ducts; transformers and cables; 1075 lin. ft. gas piping; 1150 ft. water pipe and hydrants, all at Naval Base (marine barracks), San Diego, Calif. **See call for bids under official proposal section in this issue.**

WASHINGTON, D. C.—Bids are being rec. by Bur. of Yards and Docks, Navy Dept. for fur. supplies to navy yards, as follows; date for opening bids as noted at end of each paragraph:

Schedule 864, various eastern and western yards, 22,100 deck scrubbing brushes.

Sched. 865, various eastern and western yards, miscellaneous quantity of petroleum spirits, June 12.

Sched. 867, Mare Island, 7,000 gals. paint dryer, June 12.

Sched. 868, Mare Island, 3,000 gals. raw linseed oil, June 12.

Sched. 871, various eastern and western yards, 64,000 lbs. marine glue, June 19.

Sched. 872, Mare Island, 4,000 lbs. of lubricating graphite, June 19

Sched. 877, various eastern and western yards, miscellaneous quantity of furniture, June 26.

Sched. 878, various eastern and western yards, miscellaneous quantity of carpets and rugs, June 19.

Schedule 880, Puget Sound, 2 transformers, June 12.

Sched. 881, Puget Sound, 1 switchboard, June 12.

Sched. 882, Puget Sound, miscellaneous quantity of electric cable, June 12.

Sched. 883, various eastern and western yards, miscellaneous quantity of hair felt, June 19.

Sched. 884, various eastern yards, 238,000 lbs. calcium carbide, June 12.

Sched. 885, various eastern yards, miscellaneous quantity of rubber pump valves, June 12.

Sched. 887, Mare Island, miscellaneous quantity of condenser tubes, June 19.

Sched. 890, various eastern and western yards, miscellaneous quantity of crucibles, June 19.

Sched. 891, various eastern and western yards miscellaneous quantity of boiler compound, June 19.

Sched. 892, various eastern and western yards, miscellaneous quantity of flashlights and batteries, June 19.

Sched. 893, various eastern and western yards, miscellaneous quantity of lubricating grease, June 19.

Sched. 894, various eastern and western yards, miscellaneous quantity of calcium chloride, June 19.

Sched. 905, eastern and western yards, steel wire nails, June 26.

FORT MASON, Cal.—Plans have been completed by the Constructing Quartermaster's Office at Fort Mason and forwarded to Washington for approval for the following improvements.

An ornamental iron fence along Bay street from Van Ness Avenue to Laguna St.

A retaining wall on the boundary line on Lyon street between Vallejo and Green streets.

Alterations to Batchelor Officers' Quarters at Crissy Field.

An addition to the nurses' dormitory at the Letterman General Hospital (a three-story reinforced concrete structure with tile roof, steam heating, plumbing, wiring, etc.)

An Assembly and Recreation Hall at the Presidio with seating capacity of 5,000 people, with center platform, 70 by 110 ft. for professional games, as tennis, basket ball, prize fights, etc., size, 135x186 ft., with all modern conveniences, to be of frame and steel construction.

Plans for three Officers' Quarters, bungalow type for Crissy Field, of six rooms each, hollow tile construction with tile roofs.

Concrete road at Crissy Field, 18 feet wide.

Resurfacing with oil macadam, the road from Sausalito to Fort Baker.

Installing a 1500-gallon per minute to stage centrifugal pump and 75 H. P. motors in pumping plant at Lobos Creek, Presidio (pumps and motors have been purchased and are ready for delivery).

New Headquarters Building for Presidio of Monterey (two-story and basement frame structure).

Alterations to a number of frame barracks at the Presidio of Monterey.

A Service Club for Fort Lawton, Utah, with moving picture theatre, seating 500 (hollow tile construction).

Alterations and extensions of steam mains and returns at Letterman General Hospital, cost, $30,000.

NOTE—All these projects will be duly advertised in the Daily Pacific Builder when the funds are alloted.

Plans and estimates are now being made for the construction of a complete Infantry Post at Anchorage, Alaska, consisting of barracks, Officers' Quarters, N. C. Officers' Quarters, headquarters, storehouses, stables, water and sewer systems, electric light system, roads, walks and wharf.

Plans have been completed and contracts awarded for the Summer Training Camps at Gigling and Del Monte, California, Jordan Narrows and Fort Douglas, Utah.

The Constructing Quartermaster's Office handles a larger variety of all classes of construction than any other government, municipal or private office on the Pacific Coast.

All the engineering and architectural work is done by O. W. Degen, Civil Engineer and Architect, War Department, under the direction of K. L. Hampton, Lt. Colonel, Constructing Quartermaster.

WASHINGTON, D. C.—Until June 18, 10:30 A. M., bids will be rec. by Panama Canal Comm., under Circular No. 2327, for fur. and del. Balboa (Pacific Port): Bronze bars, Tool steel, Steel welding wire, Copper ribbon, Armored cable, Fans, Cable end bells, Bolts, Drills, Range boiler, Water heaters, Ball cocks, Wire cloth, Packing (asbestos and rubber, and flax), Leather, Rubber gloves, Rubber balls (water-closet flush-tank), Copper tacks, File handles, Casters, Locks, Monkey wrenches Cocoa fibre mats, and Scythe stones.

PRATT BUILDING MATERIAL CO
Clarence F. Pratt, Pres. and Mgr.
SUITE 518 HEARST BUILDING
Douglas 300—"Easy to Remember"
All Kinds of Sand, Gravel and Rock

San Francisco, June 4, 1923

$250.00 FOR A NAME

A new company has been organized which will build a rock and gravel plant near Folsom and 18 miles from Sacramento where we will crush the boulders and rocks left by the gold dredges. We have 158 acres of land on which there are 125,000 carloads of rock and gravel. The Southern Pacific Railroad has granted us the name of "Prattrock" for our new shipping point. We desire a good commercial name for this excellent material, the best in California, for all kinds of concrete construction, including concrete buildings, bridges, highway, street and general road construction.

$100.00 worth of 7% cumulative preferred stock.
50.00 worth of common stock.
50.00 carload of crushed rock or gravel.
35.00 carload of clean, sharp sand.
15.00 Traffic Book—"Pratt's Shippers' Record Book."

$250.00 TOTAL IN PRIZES

Send in all the names you wish; everyone is eligible to compete except officers, stockholders, or employees of the new company, or the Pratt Building Material Co.

Two years ago this month, the Pratt Building Material Co. held a contest to name "Prattco Amber" sand from Prattco, Monterey County, and there were 112 answers with a total of 172 names—many from prominent business and professional men.

Wouldn't it be nice to win $100.00 worth of 7% cumulative preferred stock in the Pratt Rock & Gravel Co. or $50.00 worth of common stock, both of which are sure to increase in value in a short time?

Send in your answers (100 if you desire); win part or all of the $250.00; become a producer of the best crushed rock and gravel in California, and be a dividend receiver. Watch my "K. C. B"-like ad, "Pratt's Concrete Mix," in the Sacramento Bee (development section) each Saturday, or the Daily Pacific Builder each Tuesday and Thursday for some of the names proposed.

CLARENCE F. PRATT, President.

HERE IS a chance.
• • •
TO WIN $250.00.
• • •
JOE DAILY Builder Odgers.
• • •
IS ONE of the contestants.
• • •
AS JOE only wants.
• • •
A $50.00 carload of rock.
• • •
THERE STILL remains the stock.
• • •
VALUED AT $150.00.
• • •
IN THE new company.
• • •
FOR SOME one else.
• • •
AS JOE wants the rock.
• • •
FOR HIS Mill Valley home.
• • •
SO CLARENCE Sand Pratt, President.
• • •
OF THE Pratt Building Material Co.
• • •
DOUGLAS 300—"easy to remember."
• • •
SAYS TO all.
• • •
WHO WILL send a good name.
• • •
FOR SANDY Pratt's new rock.

"I THANK you."

B. A. Prizewinner of Prattrock, near Folsom (home of Sandy Pratt's new mammoth rock crushing plant). Mr. Prizewinner is a friend of Joe Mill Valley Odgers and has consented to let Joe win the $35.00 carload of Pratt's clean, sharp sand, (not the $50.00 carload of crushed rock) and Mr. Prizewinner says he will win the $100.00 worth of 7% preferred stock. See the money (dividend) in front of him.

SAN FRANCISCO — Following bids received by U. S. Engineer Office, Customhouse, for dredging in Richmond Harbor:

United Dredging Co., (low) 414 13th St., Oakland, dredging, 19.94c cu. yd. San Francisco Bridge Co. bid 23.6c cu. yard.

Following bids rec. to const. training wall:

Healy and Tibbetts—New piles, new timbers and sheet piling, $7.38 per linear foot. Slightly worm eaten piles and new timbers and sheet piling, $6.48 per linear foot. Rip rap stone, $2.80 per ton of 2000 pounds.

Tibbetts Pacific Company—All new piling, etc., $7.98 per linear foot. Worm eaten piles, etc., $6.85 per linear foot. No bids on rip rap.

A. W. Kitchen—All new piling, etc., $9.50 per linear foot.

HALLS AND SOCIETY BUILDINGS

Plans Being Prepared.
CLUB BLDG. Cost, $20,000
SAN FRANCISCO, Parnassus Ave.
Two-story frame and stucco club bldg. with tile roof.
Owner—Dental Fraternity.
Supervising Architect—August G Headman, Call Bldg., S. F.

Commissioned To Prepare Plans.
CLUB BLDG. Cost—
OAKLAND, Alameda Co., Cal., Clay St., bet. 12th and 13th Sts.
Six-story class A club and store bldg.
Owner—Athens Athletic Club.
Architect—Wm. Knowles, Hearst Bldg., S. F. and Central Bank Bldg., Okd.

WOODLAND, Yolo Co., Cal.—Woodland Elks' Hall Ass'n., has been organized for the purpose of financing construction of an $85,000 lodge hall and store building, to be erected at College and Bush Sts. Directors of Association are: C. C. McDonald, J. L. Stephens, J. B. Merritt, Ross C Wilson, Louis Williamson, L. H. Stephens, F. Y. Stening, George H. Hoppin, Forrest A. Plant, Roy E. Cole, J. L. Harlan and R. G. Lawson.

BREMERTON, Wash. — Architects Lawton & Moldenhour, Alaska Bldg., Seattle, will take bids about July 15 to construct 5-story and basen ent steel and concrete addition to Y. M. C. A. club building; will be 100 by 120 ft., containing gymnasium, 50 by 80 ft. and swimming pool, 20 by 60 ft. Est. cost, $150,000.

SAN FRANCISCO—See "Theatres," this issue.

SAN DIEGO, Cal.—Construction will start soon on a brick and masonry depot building at First and E Sts., for the Transit Stages Co. The building and site will cost $135,000. The main lobby will be 60x66 ft., with dispatching room, 70x100 ft. The garage will be 64x100, with equipment for the care of 20 stages. Foundations are in. J. W. Croner is Supt. of Constr. for the company.

PORTLAND, Ore.—Al Kader Temple, Mystic Shrine, plans erection of $1,000,000 temple building in block bounded by West Park, 10th, Main and Madison Sts. Prel. plans have been prepared by Archts. Sutton and Whitney, Lewis Bldg., Portland, and provide for 3-story and basement structure, 176 by 182 ft.

HOSPITALS

To Complete Hospital.
HOSPITAL Cost, $450,000
HONOLULU, Hawaii.
Four-story reinforced concrete hospital.
Owner—Queen's Hospital Association.
Architect—C. W. Dickey, 2149 Broadway, Oakland.
Mgr. of Constr.—Chas. Ingvorsen, Honolulu.

Additional funds have been raised and the structure will now be 4-story high instead of 3 stories. The concrete walls are well underway.

Plans Being Prepared.
HOSPITAL Cost, $30,000
OAKLAND, San Pablo Ave., bet. 27th and 28th.
One and 2-story brick vetinary hospital.
Owner—E. W. Morrison.
Architect—McWethy & Greenleaf, 2910 Telegraph Ave., Oakland.

TURLOCK, Stanislaus Co., Cal.—Until June 11, 5 p. m., bids will be rec. by A. E. Sandberg, secy. Board of Directors Emanuel Hospital, to construct nurses' home. Plans obtainable from G. N. Hilburn, architect, Sierra Bldg., Turlock. **See call for bids under official proposal section in this issue.**

REDWOOD CITY, San Mateo Co., Cal.—Dowd-Seid Electrical Co., 2369 Mission St., San Francisco, at $4350 submits low bid to county supervisors to install light fixtures in new county hospiatl. Other bids: D Dierssen Co., $5213.89; Boyd Lighting Fixture Co., $4770. Taken under advisement.

HOTELS

Take Bids Shortly.
ALTERATIONS Cost, $10,000
FRESNO, Fresno Co., Cal. No. 823 Jay Street.
Remodel two-story building for hotel and store (20 rooms on 2nd floor).
Owntr—D. Yezden, Fresno.
Architect—Eugene Mathewson, Cory Bldg., Fresno.

Contract Awarded.
HOTEL Cost, $135,000 approx.
MODESTO, Stanislaus Co., Cal.
Five-story class A steel and brick hotel building.
Owner—Geo. F. Covell.
Architect—A. W. Cornelius, Merchants National Bk. Bldg., San Francisco.
Contractor—Hansen & Buchen, 1116 H, Modesto.

Completing Working Drawings.
STORE & HOTEL Cost, $1,425,000
SACRAMENTO, Cal., NW 12th and L Sts
Ten-story class A store and hotel bldg., 240x160, 400 rooms.
Owner—E. Troop & W. C. Crittenden and associates, S. F.
Architect—Kenneth MacDonald & Maurice Couchot, 234 Pine St., S. F.
Contractor—Cahill Bros., 110 Sutter St San Francisco.

Sketches Prepared.
HOTEL Cost, $275,000
SAN FRANCISCO, Downtown District.
Six-story and basement steel frame hotel (165 rooms and 8 stores).
Owner—Withheld.
Architect—A. J. Fabre and E. Hildebrand, 110 Sutter St., S. F.

Plans Being Figured.
ADDITION Cost—
MARTINEZ, Contra Costa Co., Cal., Ferry and Escobar Sts.
One-story addition to 2-story brick hotel and remodel same.
Owner—H. J. Curry, 602 Ferry St., S. F.
Architect—A. M. Milwain, 607 37th St. Oakland.

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Plans Being Prepared.
HOTEL & STORE Cost, $250,000
OAKLAND, Alameda Co., Cal. SW 12th and Oak Sts.
Six-story reinforced concrete and steel class A travelers hotel and store bldg., 100x190 ft. with terra cotta and pressed brick (roof garden, ballroom, etc.)
Owner—M. F. Smith, , 1001 Excelsior Ave., Oakland.
Architect—John J. Donovan, 1916 Bdwy, Oakland.

Work will be done by day's labor and sub contracts under the supervision of the owner, who will be ready to take figures in about two months.

NOGALES, Ariz.—According to word received from L. J. F. Iager, head of the Montezuma Hotel and Invest. Co., which plans to erect a $600,000 hotel here, work on the new 9-story hotel bldg. will start within the next 60 days. Mr. Iager will be in Nogales within 2 weeks and will have plans for the new structure with him at that time.

ALHAMBRA, Los Angeles Co., Cal.—Approx. $215,000 has been subscribed by local business men toward the hotel project being promoted by the Hockenbury Syndicate which is managing the campaign. The proposed building will cost, $250,000. It is to be erected on the Clarks property, formerly the Borden home, which is bounded by Garfield, First and Main Sts. The present residence and grounds will be utilized in the new hotel. The building will contain 150 rooms, lobby, 56 garages, etc.

OLYMPIA, Wash.—Grant-Smith & Co., Henry Bldg., Seattle, at $3,254,000 submits low bid to Community Hotel Corporation to erect Hotel Olympic. Other bids were: Amsterdam Building Co., $3,453,000; A. W. Quist Co., $3,535,652; Sound Construction Co., $3,538,521; Dugan & Chrisman Co., $3,546,255, and Rounds-Clist Co., $3,535,652.

Bids were taken under advisement. J. Otis Post and Chas. H. Bebb, architects.

LOS ANGELES, Cal.—Archt. Wm. F. Bowen, Union League Bldg., has completed plans for a 4-story class C brick hotel bldg. to be erected on Hartford Ave., bet. 7th and 8th Sts. for F. O. Jean, Bryson Apts. It will contain 80 rms; dimensions 50x123 ft., brick walls, press. brick facing, marble and tile work, comp. rfg., fire escapes, pine trim, tiled baths, elevator, htg. system; $60,000.

LOS ANGELES, Cal.—See "Theatres," this issue.

TUCSON, Ariz.—E. C. English, 508 Citizen National Bank Bldg., Los Angeles, has received the financial backing of local bankers for his new hotel project in Tucson. Capital to the extent of $200,000 will be furnished locally, $187,000 by Mr. English, and approx. $400,000 from outside sources. The building will cost $520,000 and the furnishings $130,000. The proposed building will be erected on a 40-acre tract near the Tucson Golf and Country Club, and will consist of a main building in the shape of a Maltese Cross, of Spanish mission design, with 36 cottages adjoining. The building will be three-story, covering 4864 sq. ft. of ground. There will be recreation room, gym., barber shop, Turkish baths, swimming pool, roof garden, palm room and other features of a modern hostelry. All rooms will be outside rooms, each with bath.

COMPTON, L. A. Co., Cal.—Lawrence Burck Constr. Co., 325 S Hill St., has the contract to erect a 3-story class C hotel bldg., at Compton, for the Southland Hotel Co. S. H. Brown, 528 Union League Bldg., archt. Will contain 4 stores, lobby, restaurant and 64 rooms with several baths. Brick, 95x96 ft., press. brick facing, comp. rfg., hardwood, cem. and O. P. flrs., gas rad. htg., water htr., plate glass, elevator, terrazzo fl., tile baths, ornam. iron, O. P. trim, basement; cost $90,000.

ICE AND COLD STORAGE PLANTS

LODI, San Joaquin Co., Cal.—Gloria Ice Cream Co., Oak and Aurora Sts., Stockton, has purchased site 220 by 55 ft., in East Lockford street and will erect warehouse and refrigerating plant. Construction is to be started shortly.

POWER PLANTS

Steel Contract Awarded.
BOILER HOUSE Cost—
AVON, Contra Costa Co., Cal.
Steel frame boiler house.
Owner — Associated Oil Co., 79 New Montgomery St., San Francisco.
Architect—Engineering Dept. of owner.
The structural steel contract has been awarded to the Schrader Iron Works, 1247 Harrison Stt., S. F., at $6372.

SEATTLE, Wash.—Until June 15, 10 A. M., bids will be rec. by C. B. Bagley, Sect'y., Bd. Pub. Wks., for fur. six 400-ampere, 3 pole, 25,000 volt oil circuit breakers for outdoor service for city steam plant. Cert. check 5% payable to City Comptroller req. Further information obtainable from Secretary.

SEATTLE, Wash.—Until June 15, 10 A. M., bids will be rec. by C. B. Bagley, Sect'y., Bd. Pub. Wks., for fur. telephone equipment for 7th Ave. sub-station. Cert check 5% payable to City Comptroller req. Spec. obtainable from Secretary.

WASHINGTON, D. C.—See "Government work and Supplies," this issue.

VAN NUYS, Cal.—City water dept. has secured 2 permits totaling $18,000 for imp. to the Raymer Station shops which will be moved to city owned property on Aetna St. Additional expenditure will bring the total up to $25,000. John Bouey is supt. of plant. The city will expend $100,000 on sub-station, warehouse and garage for the city power dept.

SEATTLE, Wash. — Board of Pub. Works authorized by city council to const. 2 26,000-volt tie lines from North sub-station to steam plant and Spokane St. sub-station. An appropriation of $120,000 has been made to finance the work.

LOS ANGELES, Cal.—Election to vote bonds of $35,000,000 to develop electric power at Boulder Canyon on Colorado river failed to carry.

PUBLIC BUILDINGS

SANTA ANA, Orange Co., Cal.—Archt. H. Newton Thornton, Hill Bldg., Santa Ana, is completing plans for 2 fire substations to be erected as part of the city's proposed modern fire protection system. Each station will be of old Mission style architecture, 40x60 ft., and will contain parlor, dormitory, locker rm., shower, and kitchen, besides main hall for the apparatus. Work is being planned under the directions of Chief John Luxembourger.

RICHMOND, Contra Costa Co., Cal.—Until June 18, 8 P. M., bids will be rec. by A. S. Faris, City Clerk, to alter and construct additions to Carnegie Library. W. H. Weeks, Architect, 369 Pine St., San Francisco. **See call for bids under official proposal section in this issue.**

SAN FRANCISCO—Provision will be made in 1923-24 budget for $30,000 to finance construction of new quarters for Southern Police station at Fourth and Clara streets. Funds, approx. $125,000, will also be available through the budget to finance construction of new firehouse in South of Market district.

Plans on File at Building and Engineering News.
Plans Being Figured—Bids Close June 12, 1923, 11 A. M.
CITY HALL Cost, $600,000
STOCKTON, San Joaquin Co., Cal. El Dorado, Centro, Fremont and Lindsey Streets.
Class A City Hall.
Owner—City of Stockton.
Architect—J. Pearce, of Davis- Heller-Pearce Co., Jos. Losekann and Pete Sala, as a firm, Delta Bldg., Stockton.
Bids are being taken as follows:
All work complete.
General contract.
Heating.
Plumbing.
Electrical wiring.
Complete mechanical equipment.
Jail equipment.
Deposit of $100 required on general contract, plans and specifications, and $50 on other sub-contracts.
A complete set of plans and specifications are on file in the office of the Larsen Construction Reports, 560 Mission Street.
The following general contractors have applied for plans.
J. F. Shepherd, Yosemite Bldg, Stockton.
R. W. Moller, Call Bldg., S. F.
Goold & Johns, 119 S-California St., Stockton.
Howard S. Williams, 180 Jessie St, San Francisco.
Robert Trost, 26th and Howard Sts., San Francisco.
E. H. Riley, Yosemite Bldg., Stockton.
Davison & Nicholsen, 336 W-Lafayette St., Stockton.
Reilly & Nemetz, 180 Jessie St., San Francisco.
Lange & Bergstrom, Monadnock Bldg San Francisco.
Circle Constr. Co., New York.
Herndon & Finnigan, 1814 17th St., Sacramento.
See call for bids under Official Proposals.

EL CENTRO, Imperial Co., al.—Jarboe & Murray, El Centro, were awarded general contr. by county supervisors June 4, at $123,000 for erecting the new 2-sto. and basement reinf. conc. court house bldg., in accordance with plans and spec. prepared by Don Wells El Centro, and Ralph Swearingen, Calexico, archts. Other contrs. awarded were: Spanish-American fine Arts Co, Los Angeles, cut stone, $31,750; J. P. Walsh, Los Angeles, plastering, $39,560; Hilgartner Marble Co., Los Angeles, marble, $30,779; B. V. Ezell, El Centro, ventilating, $4695; Clyde H. Larey, El Centro, painting, $7075; Edgar Bros.' Co., El Centro, roofing, $3023; Charles F. Ferguson, El Centro, electrical wiring and fixtures, $8483; B. V. Ezell, El entro, heating, $16,532; Richmond Bros., El Centro, plumbing, $14,684; Imperial Valley Hardware Co., El Centro, hardware and fixtures, $5390.

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LOS ANGELES

SALEM, Ore.—Until June 19, bids will be rec. by State Board of Control for following projects:
Boys' dormitory, Home for Feeble Minded, at Salem; E. E. McClaren, architect, Exchange Bldg., Portland; 2-story and basement, reinforced concrete, 144x50 ft.; est. cost, $45,000.
Dining Room and Kitchen, Stat Soldiers' Home, Roseburg, Ore.; C. L. Goodrick, architect, Abington Bldg., Portland; 1-story and basement concrete, 40 by 86 ft.; est cost, $18,000.
Open air pavilion, Oregon State Tuberculosis Hospital, 6 miles south of Salem; Orlo R. W. Hassock, architect, Worcester Bldg., Portland; 1 and 2-story frame; capacity, 32 beds; est. cost, $17,000.
Plans obtainable from State Board of Control at **Salem.**

FRESNO, Fresno Co., Cal.—Until June 14, 3 P. M., bids will be rec. by Chas. Dillon, City Commissioner of Finance, to erect community house in Holmes playground. Cert. check 10% payable to city req. with each bid. Plans on file in office of city clerk.

HANFORD, Kings Co., Cal.—Architect Anton Johnson, Kingsburg Bank Bldg., Kingsburg, commissioned by county supervisors to prepare plant for one story granite addition to county jail. Bids will be asked in about two weeks.

RESIDENCES

Figures To Be Taken In a Few Days.
SUPT. COLLEGE Cost, $15,000
OAKLAND, Alameda Co., Cal., Mills College Grounds.
Frame and stucco superintendenta college.
Owner—Mills College.
Architect—W. H. Ratcliff Jr., 1st Natl. Bank Bldg., Berkeley.

Preparing Working Drawings.
RESIDENCE Cost $—
SAN FRANCISCO, Sea Cliff.
Two-story frame and stucco residence (Spanish style).
Owner—Kenneth MacDonald Jr.
Architect—MacDonald & Couchot, 234 Pine St., San Francisco.
It will be built around a patio with dining room, living room and studio overlooking the ocean and other rooms opening onto an enclosed porch with southern exposure.

Contract Awarded.
RESIDENCE Cost, $20,000
BERKELEY, Alameda Co., Cal. Avalon Court.
Two-story stucco residence and garage (8 rooms).
Owner—Dr. E. N. Ewer, Federal Realty Bldg., Oakland.
Architect—Claude B. Barton, 364 Staten Ave., Oakland.
Contractor—F. E. Allen, 2718 Regent St., Berkeley.

Contract Awarded.
RESIDENCE Cost, $6000
SAN FRANCISCO, N Ortego W 19th Ave
One-story and basement frame and stucco residence 5 rooms.
Owner—Mrs. N. Johnson.
Architect — Henry Shermund, Hearst Bldg., San Francisco.
Contractor—Pioneer Building Co.

Contract awarded.
RESIDENCE Cost, $25,000
SAN FRANCISCO, N Jackson 35 W Laurel.
Three-story and basement frame residence.
Owner—Mrs. Harold L. Zellerback.
Architect—Samuel Lightner Hyman, 68 Post St., San Francisco.
Contractor—Conlan Bros., 1935 Howard St., San Francisco.

Plans Being Revised.
RESIDENCE Cost, $10,000
SAN FRANCISCO, Franklin and Chestnut Sts.
Two-story frame and stucco residence.
Owner—Wm. Hix Holt.
Architect—A. Wagstaff, care Leo J. Devlin, Pacific Bldg., S. F.
Bids ran high and plans will be revised and new bids called for shortly.

LOS ANGELES, Cal.—Earle C. Anthony, 1000 S Hope St., L. A., has purchased a 6-acre site on Ivanhoe Hills, overlooking Silver Lake, and will erect a class A fireproof residence to cost $200,000. An archt. has not yet been selected. The grounds will be landscaped at a cost of about $45,000.

SCHOOLS

Contracts Awarded.
SCHOOL $36,673
SAN RAFAEL, Marin Co., Cal., West End School.
One-story brick elementary school.
Owner—San Rafael School District.
Architect—Shea & Shea, Chronicle Bldg San Francisco.
Contractors—Cochrane-Boehm Co., Inc., 707 Call Bldg., S. F.
Concrete culverts awarded to Jas. Ghilotti of San Rafael at $2287.

Completing Plans.
ADDITION Cost—
PITTSBURG, Contra Costa Co., Cal.
Reinforced concrete 3-room addition to school.
Owner—Pittsburg Grammar School District.
Architect—Wm. C. Hays, First National Bank Bldg., San Francisco.

Plans Being Prepared.
ART BLDG. Cost, $70,000
OAKLAND, Alameda Co., Cal., Mills College Grounds.
Reinforced concrete and terra cotta college bldg (1st unit of art bldg.).
Owner—Mills College.
Architect—W. H. Ratcliff Jr., 1st Natl. Bank Bldg., Berkeley.

Plans Being Figured.
SCHOOL. Cost $12,000
SUNNYVALE, Santa Clara Co., Calif.
Two-room frame and stucco school.
Owner—Sunnyvale Grammar School District.
Architect—Ernest Norberg, 409 Occidental Ave., Burlingame and Balboa Bldg., San Francisco.

Plans Being Prepared.
ADDITION TO SCHOOL Cost $35,000
BURLINGAME, San Mateo Co., Calif.
One-story frame and brick veneer addition to school (4 rooms and auditorium.)
Owner—Burlingame Grammar School District.
Architect—Ernest L. Norberg, 409 Occidental Ave., Burlingame and Balboa Bldg., San Francisco.

Plans Being Prepared.
HIGH SCHOOL Cost, $160,000
PLACERVILLE, El Dorado Co., Cal.
Two-story reinforced concr high school.
Owner—El Dorado County High School District.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
A bond election will be held on June 9th.

Plans Being Prepared.
ACADEMY BLDG. Cost, $200,000
TURLOCK, Stanislaus Co., Cal.
Two-story brick and reinforced concrete school bldg with brick veneer exterior (academy bldg).
Owner — Turlock Union High School District.
Architect—W. H. Weeks, 369 Pine St., San Francisco.

Plans Being Prepared.
SCHOOL Cost, $200,000
HOLLISTER, San Benito Co., Cal.
One and 2-story reinforced concrete school bldgs. (main bldg., academic gymnasium and auditorium).
Owner—San Benito County High School District.
Architect—W. H. Weeks, 369 Pine St., San Francisco.

SANTA BARBARA, Cal.—Bids will be called for at once by the Santa Barbara board of education for constr. of two new grade schools, to cost approx $165,000 each. The bldgs. will be 2-story, U-shaped with administration rms. at center of the "U"; class rms. in the 2 arms of the U, and a covered court for play within the enclosure. The board has plans and spec. on file at its office. Segregated Figures Being Taken.
STORES AND LOFTS Cost, $——
OAKLAND, Alameda Co., Cal. Seventeenth St. and Telegraph Ave.
Four-story reinforced concrete store and loft building.
Owner—A. F. Edwards.
Lessee—Healds Business College.
Architect— Reed & Corlett, Oakland Bank of Savings Bldg., Oakland.
Figures are being taken by Wach Bros., Easton Bldg., Oakland, representives for the owner.

PHOENIX, Ariz.—Archts. Lescher & Mahoney, Bank of Arizona Bldg., Phoenix, are completing plans for a 2-story class A brick and conc. parochial school at Third and Polk Sts., for St. Mary's Parish. It will contain 12-rms. and basement, and will have plaster over brick and conc. exter; conc. found; pine inter. trim, maple fls., steam heating; cost, $175,000. Plans will be ready for bids in 30 days.

LOS ANGELES, Cal.—Chester R. Hovey, South Pasadena, was low bidder at $47,254 on the general contr. for erecting a new bldg. at Bridge St. school site; Hudson & Munsell, archts. Low bidders on other contracts were: G. C. Sutton on plumbing at $2682; Thos. Haverty Co. on heating at $5904; R. P. Tuttle Co. on painting at $2134; and Soengen Elec. Co. on wiring at $2225. The bldg. will be of brick constr.; appropriation, $63,000.

CHICO, Butte Co., Cal.—Until June 9, 12 M., bids will be rec. by Earl W. Beatty, clerk, Chico High School District, for fur. and install. steel lockers in shop and gymnasium building at high school. Cert. check 10% payable to clerk req. with each bid. Plans on file in office of clerk, Municipal Bldg., Chico.

DAVENPORT, Santa Cruz Co., Cal.—Bids are being received (date not set) by Pacific School District to erect new school building. Plans obtainable from clerk of district at Davenport.

SAN FRANCISCO—Robert Trost, 26th and Howard Sts., at $191,865 submits low bid to Ed. Pub. Wks. to erect reinforced concrete, 21-classroom and auditorium school to be erected in Powell St., bet. Francisco and Chestnut Sts., from plans of city Archt. John Reid, Jr. A. Lettich, 365 Fell St., low for plumbing at $10,995, also for heating at $9565. Globe Electric Works, 1959 Mission St., low for electric work. Following is complete list of bids received:

General Construction

Robt. Trost	$191,865
H. Rahlman	196,740
Anderson & Ringrose	198,000
Mahoney Bros.	223,200
F. L. Hansen	233,330
Carl H. Peterson	209,800
I. M. Sommer & Co.	192,687
Alfred Kohn	218,320
Wm. Bruce	219,700

Plumbing Work

A. Lettich (low)	$ 10,995
J. E. O'Mara Co.	11,300
The Turner Co.	12,780
P. J. Enright	12,400
Jas. H. Pinkerton	12,298
Scott Co.	12,240

Heating

A. J. Lettich (low)	$ 9,565
J. E. O'Mara Co.	9,985
The Turner Co.	10,840
Thos. Skelly	9704
Jas. H. Pinkerton	11,296
Scott Co.	11,987

Electric Work

Globe Elec. Works (low)	$5,555
Crown Electric Works	5,900
Butte Elec. Equip. Co.	5,985
The Turner Co.	6,140
Central Elec. Co.	6,179
M. E. Ryan	5,740
Standard Elec. Const. Co.	6,775
Radelfinger Bros.	5,975
F. E. Newbery & Co.	7,875
C. F. Collonan	6,600

FRESNO, Fresno Co., Cal.—Until June 14, 5 P. M., (to be opened 8 P. M.) bids will be rec. by L. L. Smith, Sec'y., Board of Education, 2525 Tuolumne St., for fur. and del. desks, tables, etc., for school purposes. **See call for bids under official proposal section in this issue.**

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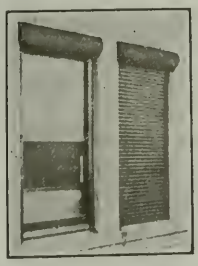

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ESTIMATES FURNISHED

PHONE S. R. 89 OFFICE 409 B ST., SAN RAFAEL

SAN RAFAEL, Marin Co., Cal.—The following bids were received on May 29th, at 8 o'clock P. M., by the Board of Trustees of the San Rafael School District for the construction of a one-story brick elementary school building from plans prepared by Architects Shea & Shea, Chronicle Bldg., San Francisco. The three lowest bids were taken under advisement.
Cochrane & Boehm, Call Bldg., S. F., (a) General, $36,670; (b) Concrete Culverts, $2843.
J. G. Leibert, 180 Jessie St., S. F. (a) $37,447; (b) $3187.
H. H. Larsen Co., S. F. (a) $39,990; (b) $4400.
Peter Hamilton (a) $40,669; (b) $2470.
Grimes & Drew (a) $41,316; (b) $2363.
John Morton, S. F. (a) $41,650; (b) $1300.
S. Sayell, San Rafael (a) $41,816 (b) $2500.
Louis J. Cohn, S. F. (a) $42,200; (b) $2460.
Hannah Bros., S. F. (a) $42,553; (b) $4800.
J. A. Bryant, S. F. (a) $44,896; (b)$3047
Barrett & Hilp, S. F. (a) $45,500; (b) $3164.
Peters Constr. Co., S. F. (a)$48,300; (b) $2900.
H. D. Sefried, Concord (a) $——; (b) $2432.
V. Hermanson, S. F. (a) $——; (b) $2811
Grant & Hart (a) $——; (b) $2689.

LOS ANGELES, Cal. — Lawrence Burck Constr. Co., 325 S. Hill St., was awarded the general contract at $43,514 for erecting a new building at Lillian St. school site. Contract was awarded on the original bid of $44 000 with deductions of $484. Other contracts were awarded as follows: Plumbing to E. W. Crowell at $4098; painting to H. H. Mann at $1794; heating to J. Hokom at $1210, and wiring to American Electric Constr. Co., at $2740. William Lee Wollett, architect.

MONTEBELLO, Los Angeles Co., Cal.—Until 8 P. M., June 23, bids will be received by the trustees of Montebello Grammar school district for erecting an 8-room grammar school building and a 3-room side addition to the Vail grammar school building, at Montebello. Brick constr., shingle roof, pine trim and floors, gas heating.

SAN MATEO, San Mateo Co., Cal.—San Mateo Union High School District, will vote question of levying direct tax on June 22 for $110,000, the funds to finance erection of gymnasium building, purchase of auditorium chairs, erection of bleachers, purchase of stage curtain, furniture, etc., painting and overhauling school buildings in addition to general plumbing repairs and installations. Trustees of the district are: J. C. Robb, J. R. Murphy and N. R. Morrison.

FRESNO, Fresno Co., Cal.—Until June 14, 5 P. M., bids will be rec. by L. L. Smith, Secty., Board of Education, 2525 Tuolumne St., to const. Edison school; brick construction. Trewhitt-Shields Co., 435 Rowell Bldg., Fresno, superintendents of construction. **See call for bids under official proposal section in this issue.**

MONTEBELLO, L. A. Co., Cal.—Until 7:30 p. m., June 23, bids will be received by Montebello High School Dist. J. I. Caneer, clerk, for furnishing terra cotta for the proposed high school bldg. as per plans and spec. by Archts. Jeffery & Schaefer, 1104 Kerckhoff Bldg., Los Angeles. Frank Hudson, Higgins Bldg., L. A., has concrete work contract at $43,523.

LOS ANGELES, Cal.—Until 9 a. m., June 13, bids will be received by the board of education for the construction of additions and alterations at the following schools: Bandini St., Garvanza, Hooper Ave., and Reseda. Plans and spec. may be obtained at secy's. office, 730 Security Bldg.

TORRANCE, L. A. Co., Cal.—Darrell Condley Co., 520 Marsh-Strong Bldg., was low bidder on bid No. 1 at $137,654 for erecting a new high school bldg. at Torrance. J. C. Bannister was low bidder on general contr. on some of the alternate proposals. Low bidders on other contracts were: H. E. Murray on plumbing at $13,400; Geo. A. Posthumus on heating at $13,948; Arenz-Warren Co. on painting at $3108; and W. H. Nicholas Elec. Co. on wiring at $8039. The bldg. will be of brick constr.; appropriation, $150,000; Farrell & Miller, architects.

SAN PEDRO, Cal.—Hardman Co., I. W. Hellman Bldg., was low bidder at $67,343 on the general contr. for erecting a new bldg. at Bandini St. school site, San Pedro. Francis D. Rutherford, archt. Low bidder on the other contrs. were: Thos. Haverty Co. on heating at $6905; Arenz-Warren Co. on painting at $2735; and Newbery Elec. Corp. on wiring at $2897. Hickman Bros. were only bidders on plumbing at $6620. The bldg. will contain 12 units; brick const.; appropriation $84,000.

NAPA, Napa Co., Cal.—Until June 18, 8 p. m., bids will be rec. by Howard E. Roper, clerk, Napa Union High School District, for electric work in connection with gymnasium building. W. H. Weeks architect, 369 Pine St., San Francisco. **See call for bids under official proposal section in this issue.**

LOS ANGELES, Cal.—Silah Bros., 505 Mortgage Guarantee Bldg., were low bidders at $76,397 on the general contr. for erecting a new bldg at Lorena St. school site. H. C. Deckbar, archt. Low bidders on other contrs. were: Western Engr. & Constr. Co., on heating at $3164; H. H. Mann on painting at $1796; and Newbery Elec. Corp. on wiring at $3784. W. W. Brooks was the only bidder on plumbing at $6300. The bldg. will contain 12 rms.; brick constr; appropriation, $84,000.

LOS ANGELES, Cal. — Callahan, Schilling & Brown, 3712 Whittier Blvd., were low bidders on bids 1 and 3 at $50,789 and $52,189 respectively for erecting a new bldg. at Los Feliz school site. J. C. Bannister was low bidder at $51,295 on bid 2. Low bidders on other contracts were: H. H. Mann on painting at $1224; J. Hokom on heating at $6608; and H. H. Walker on wiring at $1200. G. C. Sutton was the only bidder on plumbing at $4654.

SAWTELLE, Cal.—J. C. Bannister, 903 N Mariposa Ave., was low bidder at $78,000 on the general contr. for erecting a new school bldg. at Sawtelle Blvd. school site, Sawtelle. Plans by architectural dept of the board of education. Low bidders on other contrs. were Thos Haverty Co., on heating at $6077; H. H. Mann on painting at $1435; W. H. Nicholas Elec. Co. on wiring at $4067. G. C. Sutton was the only bidder on plumbing at $7862. The bldg. will contain 12 units, brick constr.; appropriation, $84,000.

Mr. Architect or Builder
If you want your Typewriter Work on Specifications to be clean cut rent or buy a Woodstock, the machine that cuts the best stencil.

BANKS, STORES & OFFICES

Contract Awarded.
STORE BLDG. Cost, $12,175
SAN JOSE, Santa Clara Co., NW Locust and San Fernando.
All work except copper bars and electric wiring for 1-story frame store and San Fernando. building.
Owner—Henry Guilbert, 105 Randol St., San Jose.
Architect—Chas. S. McKenzie, Bank of San Jose Bldg., San Jose.
Contractor—H. A. Bridges, Pine and Lincoln St., San Jose.

Contractor Taking Sub-Figures.
MARKET BLDG. Cost, $27,480
SAN RAFAEL, Marin Co., Cal. N 4th Street.
One-story brick and reinforced concrete market building with T. & G. roof, plaster exterior.
Owner—J. Alberts, 510 5th Street, San Rafael.
Architect—J. W. Dolliver, Monadnock Bldg., San Francisco.
Contractor—Louis J. Cohn, 110 Sutter St., San Francisco.

Plans Being Prepared.
STORE BLDG. Cost, $—
SAN FRANCISCO, S Geary near 20th Avenue.
One-story reinforced concr store bldg. (2 stores) stucco exterior tile base and Kawneer or Desco pat. fronts.
Owner—Withheld.
Architect—A. H. Knoll, Hearst Bldg., San Francisco.
Figures are being taken for a general contract.

Contract Awarded.
MARKET BLDG. Cost, $27,480
SAN RAFAEL, Marin Co., Cal. N 4th Street.
One-story brick and reinforced concrete market building with T. & G. roof, plaster exterior.
Owner—J. Alberts, 510 5th Street, San Rafael.
Architect—J. W. Dolliver, Monadnock Bldg., San Francisco.
Contractor—Louis J. Cohn, 110 Sutter St., San Francisco.

SAN FRANCISCO—See "Garages," this issue.

Plans Being Revised.
STORE BLDG. Cast—
SAN FRANCISCO, West Portal Ave.
One-story reinforced concrete store building.
Owner—Milton H. Lees.
Architect—Morrow & Garren, Chronicle Bldg., San Francisco.

Preliminary Estimates Being Made.
OFFICE BLDG. Cost, $70,000 to $200,000.
OAKLAND, Alameda Co., Cal. Downtown District.
Two or five-story reinforced concreto loft or office building.
Owner—Withheld.
Architect—Chas. W. McCall, Central Bank Bldg., Oakland.

Segregated Figures Being Taken.
ALTERATIONS Cost, $60,000
SAN LUIS OBISPO, Cal., Garden St.
Remodel two-story reinforced concrete building for bank.
Owner—Bank of Italy.
Architect — Righetti & Hirschfeld, 12 Geary St., San Francisco.
Segregated figures are being taken by Wm. Cuneo, 550 Montgomery St., S. F., for bronze work, marble, plastering, plumbing, electrical work, heating, etc.

Plans Being Prepared.
STORE Cost, $20,000
BERKELEY, Alameda Co., Cal., University Ave. near Shattuck.
One-story reinforced concrete store (6 stores.
Owner—David Roth.
Supervising Archt.—August G. Headman, Call Bldg., S. F.

SOUTH SAN FRANCISCO, San Mateo Co., Cal.—Chas. Bollazzi has purchased site in Grand avenue and will erect a reinforced concrete store building; est. cost, $10,000.

Contracts Awarded
OFFICE & STORE Cost, $87,900
SACRAMENTO, Cal., 10th St., bet. 1 and J.
Alter and add to 7-story brick and concrete office and store bldg. (build 3 stories between present floors new cement plaster front, Kawneer store fronts, etc.)
Owner—Mr. and Mrs. A. H. Lamb.
Architect — Woolett & Lamb, Hagelstein Bldg., Sacramento.
Contractor—Herndon & Finnigan, 1814 17th St., Sacramento.
Tile and marble awarded to Fisher Tile & Marble Co., Sacramento.
Elevators to Otis Elev. Co., S. F.
Elevator doors, etc. to Elevator Equip. Co., San Francisco.
Light Fixtures to J. C. Hobrecht & Co., 1030 K St., Sacramento.
Shades—Bids under advisement.

Plans Being Figured.
STORE BLDG. Cost, $12,000
SAN FRANCISCO, Mission Dist.
One-story frame store building.
Owner — Rudolph Wurlitzer Co., 250 Stockton St., San Francisco.
Architect—V. W. Houghton, 275 Post St. San Francisco.

Plans Being Prepared.
STORE & OFFICE Cost, $40,000
SAN FRANCISCO, SW Kearny & Post Streets.
Remodel 6-story class C store and office bldg. (cement plaster front, etc.)
Owner—Withheld.
Architect—A. H. Knoll, Hearst Bldg., San Francisco.

Plans Being Prepared.
STORES & OFFICES Cost, $75,000
SAN RAFAEL, Marin Co., Cal., NW 4th St. and Lootens Place 59x225.
Reinforced concrete department store and offices or apartments.
Owner — Harry Lichenstein & Sidney Herzog.
Architect—E. E. Young, 2002 California St., San Francisco.
It has not been decided how many stories high the structure will be or if the upper floors will be used for offices or apartments.

SAN FRANCISCO—See "Miscellaneous Buildings," this issue.

SANTA BARBARA, Santa Barbara Co., Cal.—The Santa Barbara Bldg. Corp. directors have decided to build a 6-story bldg. instead of 4, as originally planned, for the Williams Bldg., at W De La Guerra and State Sts. J. Y. Parker, contractor, has the contr. and is financially interested in the project. Excav. for the found. has started. Bldg. will be 95x150 ft. reinf. conc. constr., and will contain bank space for Central Bank, 40x100 ft. space for F. W. Woolworth Co., 40x150 ft., and office for Am. Ry. Express Co. There will be approx. 33 offices to a floor, with men's and women's toilets and 2 elevators.

INGLEWOOD, L. A. Co., Cal.—Johnson and Christenson have been awarded contr. at approx. $48,000 to erect addition and imp. to bank bldg. on Commercial St. for the First Natl. Bank. The interior furnishings, vault equip., and plumbing work call for an additional expenditure of $35,000, making a total of $83,000. W. G. Brown is pres. of the bank.

ST JOHNS, Ore.—See "Theatres," this issue.

LOS ANGELES, Cal.—J. V. McNell & Co., 736 H. W. Hellman Bldg., have been awarded a contr. for all work complete for erecting a 12-story and basement class A store and office bldg. on the east side of Hill St. north of 8th St. for Sun Realty Co. It will cost about $500,000. Curlett & Beelman, 408 Union Bank Bldg., archts. The bldg. will be 61x150 ft., reinf. conc. constr., terra cotta facing, plate glass, marble and tile work, ornam. iron, elevators, steam heating, hardwood trim, steel sash.

PORTLAND, Ore. — U. S. National Bank, Portland, granted building permit by city council to erect 24-story fireproof office building in Broadway St.; est. cost $1,000,000. Construction will be started about Aug. 1. A. E. Doyle, architect, Worcester Bldg., Portland.

LOS ANGELES, Cal.—Archts. Morgan, Walls & Morgan, 1124 Van Nuys Bldg., are preparing plans for 2 mercantile bldgs. to be erected at s.e. cor. 7th and Parkview Sts. for Spencer Thorpe. One will be 4-sto., 30x100 ft. and the other 2 sto. 130x70; they will contain stores and lofts, brick constr., stucco exter., cast stone trim, comp. rfg., steel sash, elevators, steel beams, gas htg.

THEATRES

Contract Awarded.
THEATRE, ETC. Cost, $18,000
SAN FRANCISCO, 613 Green St.
Remodel 4-story brick building into motion picture theatre, halls and club rooms.
Owner—John Onesti, 645 Broadway San Francisco.
Architect—L. Mastropasqua, 580 Montgomery St., S. F.
Contractor—J. Del Favero, 180 Jessie St., San Francisco.

Figures to be Taken Shortly.
STORE, ETC. Cost, $18,000
SAN FRANCISCO. N Howard St. W Third St.
One-story reinforced concrete store and motion picture theatre.
Owner—E. Getz.
Architect—Morrow & Garren, Chronicle Bldg., San Francisco

Carpenter Work Contract Awarded.
ALTERATIONS Cost, $100,000
SAN FRANCISCO, 936 Market St. (Frolic Theatre).
Extensive alterations to motion picture theatre.
Owner—Universal Film Exchange (C. A. Nathan mgr.) 221 Golden Gate Ave., San Francisco.
Architect—Wm. Cutts of New York.
M. Fisher, 1107 Mission St., has a contract for constructing a new floor repairing roof, etc.

FRESNO, Fresno Co., Cal. — West Coast Theatres, Inc., Knickerbocker Building, Los Angeles, will erect a fireproof theatre building in this city, on a site yet to be selected. Announcement of the project is made by Adolph Ramish, treasurer of the company.

SAN FRANCISCO—W. A. Plummer Mfg. Co., 37 Front St., at $28,740 submits low bid to Bd. Pub. Wks. to install electrically operated curtains in Muny auditorium. Other bids were: Butte Elec. & Mfg. Co. $34,436; Calif. Elec. & Const. Co., $29,950.

ST. JOHNS, Ore.—Architect Edward A. Miller, Henry Bldg., Portland, taking bids to erect 2-story brick, concrete and mill construction theatre, store and office building for Hugh McCredie at Alta and Jersey Sts.; est. cost, $40,000. Will contain 5 stores; theatre will seat 750.

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SAN FRANCISCO, CALIF.

LOS ANGELES, Cal.—MacGruer & Simpson, 266 Tehama St., S. F., have been awarded a contract for plastering the Biltmore Theatre being erected on fifth and Grand streets in Los Angeles for the Erlanger Syndicate. Schultz & Weaver, Pacific Mutual Bldg., Los Angeles and New York. Cost $1,000,000.
The same firm also has the plastering contract for the addition to the Rosslyn Hotel in Los Angeles, for which Parkinson & Parkinson of L. A., are the architects and the Scofield Engineering Constr. Co., Pacific Finance Bldg., Los Angeles, the contractors.

RENO, Nevada—Rialto and Majestic Theatres, T and D Jr. Circuit, will be remodeled at a cost of $60,000. Preliminary plans have already been prepared. In addition to interior and exterior improvements, the plans will provide for the installation of a Wurlitzer organ in the Rialto Theatre. Stores will be provided for in both structures. Geo. A. Schaatey will superintend the work.

LOS ANGELES, Cal.—Archts. Monaco & Bordeaux, 913 International Bk. Bldg. Temple and Spring Sts., have commissioned to prepare preliminary plans for a theatre to cost $300,000, 2700-seat to be erected on w side Cahuenga Ave. n. of Hollywood Blvd., for the Music Box Theatre Co., a $600,000 corporation headed by Nathan Goldstein, music publisher, pres. and Judge Gavin W. Craig, vice president.

SAN DIEGO, Cal.—Wurster Constr. Co., 746 Central Ave., Los Angeles, has been awarded contr. by Robert Hicks and Godfrey Storbeck, to erect a 5-sto. Spanish style theatre bldg. at 4th and E Sts. It will be of reinf. conc. constr. and contain offices, theatre and stores. The central tower will be 130 ft. The main entrance will be at the corner with ornam. marquise. The theatre will seat 2000. A "Robert Morton" organ will be installed at a cost of $40,000. Total cost of bldg and equipment will be $800,000. William H. Wheeler, Spreckels Bldg., San Diego, archt. The bldg. is to be complete with theatre ready for use by Christmas.

LOS ANGELES, Cal.—Archt Myron Hunt, 1107 Hibernian Bldg., is preparing plans for a class A bldg. to be erected on Vine St. near Hollywood Blvd. for Walter Hast and associates. Two-story and basement, 100x175 ft., 2 shops and a theatre auditorium to seat 1075 people; reinf. conc. constr., terra cotta or cast stone and stucco exter.

WHARVES & DOCKS

FORT MASON, Cal.—See "Government Work and Supplies," this issue.

SACRAMENTO, Cal.—Until June 14, 9 P. M., bids will be rec. by H. G. Denton, City Clerk, for removal of all planks, timbers, bracing, bolts, ties, sheathing, lagging, piling, debris and other material incorporated in the present wharf structure known as Sacramento Lumber Company's wharf. Work to be done under Contract B-30, Filtration Division. Cert. check 5% payable to City Controller req. Further information obtainable from clerk.

PEARL HARBOR, T. H.—See "Government Works and Supplies," this issue.

LOS ANGELES, Cal.—City votes bonds of $15,000,000 for harbor improvements.

MISCELLANEOUS BUILDING CONSTRUCTION

Plans Being Prepared.
UNDERTAKING PARLOR Cost $35,000
SAN JOSE, Santa Clara Co., Cal., NW 18th and Santa Clara Sts.
Two-story concrete undertaking parlor building.
Owner—Hocking & Williams, 279 N 1st St., San Jose.
Architect—Binder & Curtis, 255½ S 1st St., San Jose.

Contract Awarded.
SHOP BLDG. Cost, $17,940
SAN FRANCISCO, Ocean, Faxon, Ashton Aves. (Homewood Terrace).
Two-story concrete technical shop bldg.
Owner—Pacific Hebrew Orphan Asylum and Home Society, premises.
Architect—Alfred H. Jacobs, 110 Sutter St., San Francisco.
Contractor — R. J. H. Forbes, Monadnock Bldg., S. F.
Mr. Forbes contract is for all work except the painting which was awarded to A. C. Wachter.

Plans Being Prepared.
STORE & LOFT BLDG. Cost, $200,000
SAN FRANCISCO, SE 5th & Jessie Sts.
Two-story and basement reinforced concrete auto stage terminal, store and loft bldg.
Owner—Louis R. Lurie.
Lessees—Pickwick Cptn. & Pacific Auto Stage Lines.
Architect—O'Brien Bros., 315 Montgomery St., San Francisco.

Contract Awarded.
BUILDINGS Cost—
SAN FRANCISCO, Blk bound. by Beach, Jefferson, Jones and Leavenworth.
Several class B reinforced concrete buildings, tanks, etc. for oil distributing plant (warehouse, garage, small office building, pump house, Foam Fire protection system tanks).
Owner—Standard Oil Co.
Architect—Engineering Dept. of Owner.
Contractor — R. McLeran Co., Hearst Bldg., San Francisco.
Sub-contracts will be awarded in a few days by the contractors.

Sub-Figures Being Taken On All Parts Of The Work.
WAREHOUSE. Cost, $200,000
OAKLAND, Alameda Co., Cal., 29th Ave. and E-14th St.
Eight-story reinforced concrete mail order operating plant, 145 x 184 ft.
Owner—Montgomery Ward & Co. of Chicago.
Architect—A. McCauley, Chicago, Ill.
Contractor—Wells Bros., Chicago.
NOTE—Sub-figures are being taken by P. A. Wells or A. McCauley, now at the Hotel Oakland, 13th and Harrison Sts., Oakland.
There will be three elevators, automatic sprinkler system, fire pump, steel sash, etv.

Contracts Awarded.
BAKERY. Cost $36,500
SOUTH SAN FRANCISCO and San Mateo Co. Two-story concrete bakery.
Owner—South San Francisco Baking Company.
Architect—Ernest Norberg, 409 Occidental Ave., Burlingame and Balboa Bldg., S. F.
Contractor—V. Filippis, 1527 Powell St., San Francisco.

Low Bidder.
SWIMMING TANK Cost, $24,675
OAKLAND, Alameda Co., Cal., Mills College Grounds.
Concrete swimming tank.
Owner—Mills College.
Architect—W. H. Ratcliff Jr., First National bank Bldg., Berkeley.
Low Bidder—Connor & Connor, 1726 Grove St., Berkeley.

SAN JOSE, Santa Clara Co., Cal.—County Surv. preparing spec. for bunkers at Campbell Creek gravel pit. Henry A. Pfister, County Clerk.

LOS ANGELES, Cal.—Bids will be advertised at once by board of public works for brick for the outfall sewer to be constructed under the $12,000,000 sewer bond issue. This will be used in the brick arch of the sewer if the alternate specifying brick arch with conc invert is used. This contr. involves 26,000,000 common brick and 16,000,000 vit brick. Spec. are on file at the office of the city engr., city hall annex.

LOS ANGELES, Cal.—Architect W. C. Pennell, 414 Pacific Finance Bldg., has completed plans and is taking general bids for the erection of a one-story and part two-story laundry building at the southeast corner of Slauson Ave. and Inskeep St., for Wolfstein & Goldschmidt, and to be occupied by the De Luxe Laundry Co., 617 Merritt Bldg. Brick, 160x319 ft., comp. rfg., conc. and tile floors, press. brick facing, steel sash, metal roof ventilators and skylights, plate wire and florentine glass, steel smoke stack, boiler and pump rm., struc. steel, ornam. iron, loading platform, offices, lockers, part basement. Cost, $150,000.

SAN MATEO, San Mateo Co., Cal.—Southern Pacific Co. advises Three Cities Chamber of Commerce that new passenger station will be constructed in San Mateo shortly.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Further information regarding these opportunities may be had from Domestic and Foreign Trade Department of San Francisco Chamber of Commerce, Merchants' Exchange Bldg.:

D-584—Philadelphia, Pa. Nationally advertised asbestos and magnesia roofing and lumber firm desires to secure a responsible and active concern in the building supply business to act as a distributor in this territory.

D-590—Manchester, Conn. Party needs local capital to finance a plain and printed creped paper and creped paper napkin plant on the Pacific Coast. He will furnish machinery; 20 years experience in this line.

D-593—Seattle, Wash.—Manufacturer of sanitary toilet seat covers desires to be placed in touch with firms interested in manufacturing or taking over the sale rights of this article.

D-596—Ardmore, Okla. Oil drilling firm desires to place at least five heavy rotary rigs to work in the California fields right away. References furnished.

CD-74—Newton, Kansas. Gentleman desires business propositions submitted. Has $100,000 to invest.

CD-75—Lansdowne, Pa. Party who has been a traveling salesman for twelve years desires to come to California and locate. Investment $5,000.

CD-77—Cleveland, Ohio. Stationary engineer with wide experience in ice manufacturing, would like to invest about $4,000 in small ice plant with his services.

CD-78—Forbes, N. D. Party is looking for a hardware business and can invest $15,000 or more.

CD-79—Cooperstown, N. Y. Party is looking for a business opening—capital to invest $10,000—now engaged in merchandising business.

CD-82—New York City, N. Y. Party desires to commence business in San Francisco and has $25,000 for investment—previous experience auctioneer and electric lighting supply business.

CD-84—Chicago, Ill. Party with experience in merchandising, confections wholesale, light manufacturing, window shades and drapes, desires to locate in California and invest $2,500.

CD-85—Pittsburg, Pa. Party who has had twenty-five years experience in the lumber business desires to invest $10,000 along with his services in a going lumber concern.

7078—Nogales, Mexico. Party who has some large deposits of mica wishes to get in touch with local firms engaged in importing or manufacturing of mica sheets.

7079—San Francisco, Calif. Stationery firm in England is desirous of finding a market in this district for the sale of its hardened and tempered shelf hooks, letter clips, etc.

7080—Berlin, Germany. Gentleman with machinery for utilizing the waste products of rice and grain mills by manufacturing briquets desires to communicate with interested firms in San Francisco.

7081—Osaka, Japan. Exporter of vegetable oils such as rapeseed oil, cotton seed oil, perilla oil, linseed oil, etc., seeks connections with importers in this city.

7083—La Paz, Bolivia. Firm seeks connections with California pine exporters who are in position to quote best export prices on pine lumber. Wish to handle on jobber's basis and for own account.

7085—Walnut Creek, Calif. Gentleman leaving in the near future for Europe would like to get in touch with firms who desire to be represented abroad. Speaks both the French and German languages.

7087—San Juan, Porto Rico. Firm desires to represent in PortoRico exporters of the following commodities: Packing products, food articles, wooden barrels, shooks, matches, etc. References furnished.

7088—San Francisco, Calif. Party seeks connections with buyers and testers of drill steel.

7089—Vancouver, Canada. Firm desires to be put in touch with a reliable freight forwarder.

7090—Vancouver, Canada. Gentleman with executive experience in the Orient as well as managing director of an import-export house in Vancouver, Canada, seeks position with foreign trade concern in this city.

7091—Canton, China. Selling agents for a large manufacturer of mats, matting, and fancy bamboo baskets, desire connections with importers in this country.

7094 — Singkwang, West Borneo, Netherlands Indies. Party is in position to supply firms in this city with copra, 1000 tons per month; rubber, 150 tons per month; and an uncertain amount of pepper.

7096—San Francisco, Calif. Party in Manchuria is anxious to get in touch with firms on the Pacific Coast with a view to doing an import and export business.

7099—Mexico City, Mexico. Large banking firm is in position to render efficient service throughout Mexico by means of its agents and correspondents.

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Official Proposals

NOTICE TO CONTRACTORS

(Service Extensions)

Sealed proposals indorsed "Proposals for Service Extensions, San Diego, Calif., Specification No. 4764," will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m., June 13 and then and there publicly opened for furnishing and installing about 1200 feet concrete conduit containing steam, high-pressure and low-pressure returns; about 6400 linear feet of electric ducts; transformers and cables; approximately 1075 linear feet gas piping; approximately 1150 linear feet of water pipe, and hydrants; all at the naval base (marine barracks), San Diego, Calif. Drawings and specification No. 4764 may be obtained on application to the chief of the bureau or to the public works officer, U. S. N., San Diego, Calif. Deposit of a check or postal money order for $10 payable to the chief of the bureau of yards and docks is required as security for the safe return of the drawings and specification. L. E. Gregory, chief of bureau.

NOTICE TO CONTRACTORS

(Nurses' Home—Turlock)

Sealed bids are requested for the general contract for Nurses' Home of the Emanuel Hospital,of the Swedish Evangelical Missionary Association of California. Bids are to be in the hands of the architect **before 5 P. M., Monday, June 11, 1923.** Plans and specifications are on file at the office of the Architect, G. N. Hilburn, Sierra Building, Turlock, Calif. The Emanuel Hospital Board of Directors reserves the right to reject any or all of such bids.

A. E. SANDBERG,
Secretary Board of Directors of Emanuel Hospital.

NOTICE TO FURNITURE DEALERS

(Board of Education, Fresno)

Pursuant to an order of the Board of Education, duly made and entered in its minutes the 24th day of May, 1923, Secretary was instructed to advertise for an accept bids on the following furniture:

Specifications "A"—Desks.

Approximately 500 cast iron automatic desks. Alternate bids will be entertained.

Specifications 'B"—Laboratory Tables for Chemistry laboratory.

2 Sheldon No 133 Tables, or equal, approximately 15 ft. long.

2 Demonstration Tables.

Specifications "C"—

1 Office Table.

2 Flat Top Desks.

18 Teachers' Chairs.

Certified check in the amount of 10% of the amount of the bid must accompany each and every bin. All bids to be sealed and delivered to the Secretary of the Board, 2525 Tuolumne St., Fresno, California, before **5 P. M on the 14th day of June, 1923.** Bids will be opened at 8 P M. on June 14, 1923, at 2525 Tuolumne street.

The Board reserves the right to reject any bid or any part of any bid.

By order of the Board of Education.
L. L. SMITH, Secretary

NOTICE TO ELECTRICAL CONTRACTORS

(Napa Union High School District)

Notice is hereby given that sealed bids will be received and opened by the Board of Trustees of the Napa Union High School District, Napa County, State of California, in the present High School Building, in the City of Napa, Napa County, State of California, at

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

8 P. M., June 18, 1923, for the installation and completion of the electrical work in connection with the new Gymnasium Building to be erected upon the new High School site in the City of Napa, Napa County, State of California, in accordance with plans and specifications made for the same by W. H. Weeks, authorized Architect, employed by the Board.

Plans and specifications may be seen at the office of the Architect, W. H. Weeks, 369 Pine Street, San Francisco, California, or at the office of the Clerk of the Board of Trustees in the City of Napa.

All bids should be presented on bid forms furnished by the Architect. Each bid must be accompanied by a certified check on some responsible California Bank in the sum of not less than Ten Per Cent, (10%) of the amount bid, made payable to Mr. Howard E. Roper, Clerk of the Board of Trustees, and endorsed: "Proposal ..... for electrical work on Napa High School Gymnasium."

The Board reserves the right to reject any and all bids.

Bids must be delivered to the undersigned Clerk of the Board at the High School Building in the City of Napa, at the time above stated, or any time up to the hour of opening of said bids.

HOWARD E. ROPER,
Clerk of the Board of Trustees, Napa Union High School District, Napa County, State of California.

NOTICE TO CONTRACTORS

(Edison School—Fresno)

Pursuant to an order of the Board of Education of the city of Fresno School District, Fresno, California, duly made and entered in its minutes on the 24th day of May, 1923, notice is hereby given that said board will receive **up to 5 o'clock P. M. of June 14, 1923,** sealed proposals for the furnishing of labor and materials for the construction of a brick school building known as the Edison School in the City of Fresno. Bids will be taken separately for the different segregated contracts, as follows:

Contract "A"—Excavation, Concrete Work, Carpenter Work, Galvanized and Miscellaneous Iron Work and Glazing.

"B"—Brick Work.

" "—Steel Sash.

"D"—Roofing.

"E"—Plumbing.

"G"—Metal Toilet Partitions.

"H"—Lath and Plastering.

"I"—Electric Wiring.

"J"—Painting.

"K"—Blackboards.

"L"—Finish Hardware.

Plans and specifications together with form for submitting bid may be obtained at the office of the Trewhitt-Shields Company, 435 Rowell Building, Fresno, the authorized agent of the said Board.

A certified check or Bidder's Bond equal to at least ten per cent of total amount of bid submitted must accompany the proposal.

The Board reserves the right to reject any or all bids.

By order of the Board of Education
L. L. SMITH, Secretary.

BIDS WANTED FOR STORAGE BUILDING & RAILROAD TRACK EXTENSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS, indorsed "Proposals for Mine Storage Building, Pearl Harbor, Hawaii, Specification No. 4760," will be received at the Bureau of Yards and Docks, Navy Department, Washington, D. C., until 11 o'clock A. M., July 18, 1923, and then and there publicly opened, for mine storage building and railroad track extension at the Naval Operating Base (Ammunition Depot), Pearl Harbor, T. H. The building will have concrete foundations and floor slab, steel and wood framing, stuccoed tile walls, built up roofing, steel sash, steel rolling and swinging doors, a one-ton electric crane, and a lightning protection system. Drawings and Specifications No. 4760 may be obtained on application to the Bureau, to the Commandant Naval Operating Base, Pearl Harbor, T. H., or to the Commandant, Navy Yard, Mare Island, Calif. Deposit of a check or postal money order for $10, payable to the Chief of the Bureau of Yards and Docks, is required as security for the safe return of the drawings and specification. L. E. GREGORY, Chief of Bureau. April 25, 1923.

BIDS WANTED FOR EXTENSION TO POSTOFFICE

NOTICE TO CONTRACTORS

TREASURY DEPARTMENT, Supervising Architect's Office, Washington, D. C., May 31, 1923.—SEALED PROPOSALS will be opened in this office at 3 p. m., June 25, 1923, for extension to the United States Post Office at Niagra Falls, N. Y. Drawings and specification may be obtained from the Custodian at the building, or at this office, in the discretion of the Supervising Architect. Jas. A. Wetmore, Acting Supervising Architect.

NOTICE TO BIDDERS

(Carnegie Library, Richmond, Cal.)

NOTICE IS HEREBY GIVEN that sealed bids or proposals will be received by the undersigned, Clerk of the City of Richmond, at his office in the City Hall, in the City of Richmond, California,**until Monday, June 18, 1923, up to the hour of eight (8) o'clock P. M. of said day,** at which time said bids or proposals will be publicy opened and read before the Council of the City of Richmond, for the construction of an addition to, and alterations to, the Carnegie Library in the City of Richmond, all as described in plans and specifications for said work prepared by W. H. Weeks, Architect, and now on file in the office of the said Clerk of the City of Richmond.

All bids or proposals must be submitted on proposal sheets furnished with the plans and specifications.

Copies of the Notice to Bidders, Proposal Sheets, Plans and Specifications will be furnished to prospective bidders upon application to the Architect, W. H. Weeks, at his office at No. 369 Pine Street, San Francisco, or to the City Clerk at his office in the City Hall, Richmond, California.

A deposit of Ten (10) Dollars will be required for each set of Plans and

Specifications, which said deposit will be refunded upon the return of the said Plans and Specifications in good order.

Each bid must be accompanied by a certified check, upon a responsible bank, made payable to the Clerk of the City of Richmond, equal in amount to at least ten (10) per cent of the total amount of the bid.

The Council of the City of Richmond reserves the right to reject any or all bids.

Dated at the City of Richmond, this 29th day of May, 1923.

A. C. FARIS,
Clerk of the City of Richmond.

NOTICE TO CONTRACTORS

BIDS WANTED FOR STOCKTON CITY HALL

Sealed proposals will be received at the office of the City Clerk of the City of Stockton in the Annex of the "Hotel Stockton," northeast corner of El Dorado Street and Weber Avenue, **up to 11:00 A. M. on the 12th day of June, 1923,** for the construction and completion of a City Hall building to be built on block 85½ East, of the City of Stockton, State of California.

Bids will be segregated as follows:

(1) General contract for the construction of the building (exclusive of plumbing, electrical work and heating and ventilation).

(2) Plumbing.

(3) Electrical work

(4) Heating and ventilating.

(5) Combining bids Nos. 2, 3 and 4 under one bid.

(6) Combining the entire work in bids Nos. 1, 2, 3 and 4.

(7) Jail equipment.

Plans and specifications may be secured at the offices of the Architects, Delta Bldg., Stockton, California, on and after May 29, 1923, upon the deposit of the following amounts:

$100 for plans and specifications for the general contract.

$50 for plans and specifications for the plumbing.

$50 for plans and specifications for the electrical work.

$50 for plans and specifications for the heating and ventilation.

$50 for plans and specifications for the jail equipment

Deposits will be refunded upon the return of the plans and specifications upon the date specified, accompanied by a bona fide bid.

All bids to be upon forms furnished by the Architect and all bids must be accompanied by a certified check or bid bond in the amount of ten per cent (10%) of the amount of the bid, made payable to the City Clerk of the City of Stockton, to secure the execution of the contract and bonds by the successful bidders.

The City Council reserves the right to reject any and all bids or to waive any formality that may be deemed in the interest of the City.

Dated: May 29, 1923.

A. L. BANKS,
City Clerk of the City of Stockton, Stockton, California.

NOTICE TO CONTRACTORS

(Paradise Irrigation District)

Sealed proposals will be received by the Board of Directors of the Paradise Irrigation District at their office at Paradise, Butte County, Calif., until **10:00 a. m., Tuesday, the 19th day of June, 1923,** at which time the said bids will be opened, for the following items or any part or parts thereof:

No. 1—Extension of mains:

A. Approx. 27,890 ft. 18-in. by 24-in. trench and backfill.

B. Approx. 29,810 ft. wood stave or riveted steel pipe and fittings in accordance with specifications.

C. Approx. 2409 ft. standard wrought iron pipe and fittings and accessories in accordance with specifications.

D. Hauling of all pipe and fittings.

E. Laying of all pipe and fittings.

No. 2—Cement Lining High Line Reservoir.

A. Furnishing approx. 145 bbls. cement.

B. Furnishing approx. 12,000 sq. ft. wire netting.

D. Hauling of all material.

E. Placing lining.

Plans and specifications may be seen at the office of said Board and copies may be obtained from the Superintendent.

The right is reserved to reject any and all bids, or to accept the bid or bids which are deemed to be to the best interests of the District.

By order of the Board of Directors of the Paradise Irrigation District, dated May 25, 1923.

J. E. ALLEY, Superintendent.
G. C. BILLE, Secretary.

BIDS WANTED FOR STATE HIGHWAY IMPROVEMENT

STATE OF CALIFORNIA

DEPARTMENT OF PUBLIC WORKS

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the California Highway Commission, 515 Forum Building, Sacramento, Cal., until **2 o'clock p. m., on July 2, 1923,** at which time they will be publicly opened and read for construction in accordance with the specifications therefor to which special reference is made, portions of State Highway as follows:

Santa Clara County, between five miles east of Gilroy and San Felipe (IV-SCl-32-A), about four and five-tenths (4.5) miles in length, to be graded and surfaced with gravel.

San Mateo County, on Crystal Springs Dam near San Mateo on the Skyline Boulevard (IV-SM-59-B), a reinforced concrete bridge consisting of twenty reinforced concrete girder spans with the necessary bents, abutments and wing walls.

Plans may be seen and forms of proposal bonds, contracts and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineers' offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal for full directions as to bidding, quantities of work to be done, etc.

The Department of Public Works, acting by and through the California Highway Commission, reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State

HARVEY M. TOY,
LOUIS EVERDING,
N. T. EDWARDS,
California Highway Commission.
R. M. MORTON,
State Highway Engineer.
W. F. MIXON, Secretary.

Dated: June 4, 1923.

NOTICE TO BIDDERS

(Gasoline Shovel and Drilling Outfit)

Pursuant to an order of the Board of County Commissioners of Washoe County, State of Nevada, made and entered on the 5th day of May, 1923, sealed bids and proposals will be received by the undersigned, at the office of the County Clerk of Washoe County, in the City of Reno, County of Washoe, State of Nevada, not later than **10:00 o'clock A. M., Monday, June 18th, 1923,** for the following, to-wit:

One Gasoline Shovel, three-quarter yard capacity, caterpillar type; also

One Portable Gasoline Driven Drilling Outfit.

Bidders to submit bid on each item. Said Board of County Commissioners reserves the right to reject any and all bids and accept the bid best suited to the needs of Washoe County.

E. H. BEEMER,
County Clerk.

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BRIDGES

SAN LUIS OBISPO, Cal.—County supervisors appropriate $15,000 to finance const. of bridge over Pismo creek, below town of Pismo.

SEATTLE, Wash.—Until June 27, 11 a. m., bids will be rec. by Alaskan Engineering Commission, Bell Street Terminal, for fur. 125 ft. and 150 ft. thru steel riveted truss spans for bridges 4679 and D-10. Copies of circular may be obtained upon application at Alaskan Engineering Commission, 204 New Post Office Building, Portland, Oregon and 306 Customhouse, San Francisco, Cal.

CHEHALIS, Wash.—Monson-Trierweiler Co., 419 Railway Exchange Bldg., Portland Ore., awarded cont. by Lewis county commissioners to const. 220 ft. riveted steel bridge over the Tilton river near Morton.

SALEM, Ore.—Until June 9, 11 A. M., bids will be rec. by State Highway Comm., meeting in Multnomah County Court House, Portland, to const. bridge in Clatsop county over Bear Creek near Svenson on Columbia River Highway Sec. of Old Oregon Trail, involv. 180 cu. yds. Class A conc.; 20,000 lbs. metal reinforcement; 1,000 lin. ft. piling; 130 lin. ft. conc. handrail and 730 cu. yds. excavation. Spec. obtainable from comm. at Salem on deposit of $5. Roy A. Klein, state highway eng.

SAN JOSE, Santa Clara Co., Cal.—R. Meyerholz, Saratoga and Mt. View Rds., San Jose, at $2,178.42 awarded cont. by supervisors to const. rein. conc. culvert on Middlefield Rd. over Matadero creek, Sup. Dist. 5. Other bids: Wm. Martin, $2,238; John W. Williams, $2,400. Surveyor's est., $2,300.

MARTINEZ, Contra Costa Co., Cal.—Contra Costa County Supervisors grant franchise to Delta Bridge Corp., to construct 675 ft. rein. conc. bridge over San Joaquin river at Antioch; est. cost, $600,000. Terms of franchise are that operation of bridge is to remain in hands of the corporation for 25 years, at the end of which time ownership of the structure is to revert to the counties of Contra Costa and Sacramento, free of all costs. Plans have received approval of State Eng. Office and are awaiting approval of War Dept. Will be low level type, 12 ft. clearance at high water and will include 200 ft. steel drawbridge.

SAN JOSE, Santa Clara Co., Cal.—Until July 2, 11 A. M., bids will be rec. by Henry A. Pfister, County Clerk, to const. rein. conc. and corru. iron culverts in Burchell Rd. and the Gilroy Hot Springs Rd. Plans on file in office of clerk

HANFORD, Kings Co., Cal. — Nate Lovelace, Visalia, at $22,408.80 awarded contr. by supervisors to const. rein. conc. highway bridge over North Fork of Kings River on Lemoore-Browndale highway, Rd. No. 753, Dist. 40, involv. 456 cu. yds. class A conc.; 24 60-ft. rein. conc. piles; 24 50-ft. rein. conc. piles; 73½ tons (deformed square) rein. steel. Other bids: Davison & Nicolsen, Stockton, $24,823.60; Davis-Heller-Pearce Co. Stockton, $30,355; Antone Johnson Co., Kingsburg, $35,990; Renner Foundation Co., San Francisco, $26,724.

SAN JOSE, Santa Clara Co., Cal.—Until July 2, 11 A. M., bids will be rec. by Henry A. Pfister, County Clerk, to const. rein. conc. bridge on Gilroy-Hollister or Briggs Rd. over Pajaro river in counties of San Benito and Santa Clara. Spec: on file in office of clerk.

EUREKA, Humboldt Co., Cal.—Bids will be asked shortly by county supervisors to repair Blue Ford bridge, bet. Ferndale and Eureka, involv. approx. 380 lin. ft. truss work. H. J. Brunnier, consulting engineer, Sharon Bldg., San Francisco. A. J. Logan, county surv.

SAN MATEO Co., Cal.—Until July 2, 2 p. m., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, to const. rein. conc. bridge in San Mateo County on Crystal Springs Dam near San Mateo, consisting of 20 rein. conc. girder spans with necessary bents, abutments and wing walls. R. M. Morton, State Highway Eng. **See call for bids under official proposal section in this issue.**

OLYMPIA, Wash.—See "Streets and Sewers," this issue.

MARYSVILLE, Yuba Co., Cal.—County supervisors grant permission to Yuba Development Co., Hobart Bldg., San Francisco, to const. bridge across dam at Bullard's Bar. Lars Jorgenson, Chronicle Bldg., San Francisco, eng. for company.

SANTA ROSA, Sonoma Co., Cal.—Due to provision in city charter that no work be done under contract unless funds are available, the city council rejected bids received to const. rein. conc. slab and girder type bridge in A St. City Eng. Geo. F. Comstock has been instructed to prepare plans for a 42 ft. bridge instead of the structure for which bids were rejected.

LOS ANGELES, Cal.—City vote bonds of $2,000,000 to finance construction of viaducts.

DREDGING, HARBOR WORKS AND EXCAVATIONS

SACRAMENTO, Cal.—State Reclamation Board accepts agreement of Callahan Construction Co., of Wichita Falls, Texas, to construct levees in Reclamation District 1660, Sutter county, on a cash payment basis, reducing the cost approx. $500,000, the funds to come through the State Treasury under authority of a measure passed by the last Legislature but yet to be signed by the Governor. The reduction offered by the contractors is from 24.7 cents per cu. yd. to 20.9 cu. yd. on cash basis. The revised contract price will run about $500,000

PARADISE, Butte Co., Cal.—See "Irrigation Projects," this issue.

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MODESTO, Stanislaus Co., Cal.—Reclamation District No. 2063 votes bonds of $25,000 to finance construction of levees to prevent overflow of lands adjoining its banks.

VENICE, Cal.—Until 5 P. M., June 11, bids will be rec. by trustees to const. 2 wooden jetties with rip-rap stone abutments, as shown on plan No. 3016 and spec. No. 81. Cert. chk. or bond 10%. T. H. Hanna, city clerk. J. B. Griffin, City Eng

THERMALITO, Butte Co., Cal.—American Gold Dredging Co., Sharon Bldg., San Francisco, files application with State Reclamation Board for permit to const. dredger tailings levee on Feather River at Thermalito. Hearing on application will be held in office of Reclamation Board, Forum Bldg., Sacramento June 19.

SAN DIEGO, Cal.—Opening of bids for dredging at San Diego harbor has been postponed from June 2 to June 12. Bids will be received at the U. S. Engr.'s office, 725 Central Bldg., Los Angeles, and will involve (area D) 66,000 cu. yds., with allowable overdepth dredging of 9000 cu. yds.; (area E) 379,000 cu. yds. with allowable overdepth dredging of 51,000 cu. yds. Approx. $123,500 is available.

SAN FRANCISCO—See "Government Works and Supplies," this issue. Richmond Harbor.

LOS ANGELES, Cal.—City vote bonds of $15,000,000 for harbor improvements.

IRRIGATION PROJECTS

CALIFORNIA—Following is a partial list of May applications filed with State Department of Public Works, Division of Water Rights, H. A. Kluegel, chief of division, for permits to appropriate water:

Application No. 3396 (Lassen Co.) Robert Krims, care of Cope, Rand & Means, 369 Pine St., San Francisco, Cal., for 4000 ac ft. per annum from Rock Creek for irrigation of 8000 acres. Est. cost$ 124,000.

App. 3397 (Lassen Co.) Robert Krims, care of Cope, Rand & Means, 369 Pine St., San Francisco, Cal., for 20,000 ac. ft. per annum from Deep Cut Creek for irigation of 8000 ac. Est. cost $60,000.

App. 3398 (Modoc Co.) James McBrien Alturas, Cal., for 1626 ac. ft. per annum from Rye Grass Swale Drainage Area for irrigation of 375 acres. Est. cost. $10,000.

App. 3399 (Tehama Co.) Stephen E. Kieffer, Mechanics Institute Bldg., San Francisco, Cal., for 300 cu. ft. per sec. and 25,000 ac. ft per annum from Thoms Creek for irrigation of 35,000 acres.

App. 3400 (Tehama Co.) Stephen E. Kieffer, Mechanics Institute Bldg., San Francisco, Cal., for 150 cu. ft. per sec. and 60,000 ac. ft. from Elder Creek for irrigation of 35,000 acres.

App. 3402 (Mendocino Co.) Henry R. Bohna, Redwood Valley, Cal., for .12 cu. ft. per sec. from Redwood Valley Branch of Russian River for irrigation of 10 acres. Est. cost $1000.

App. 3403 (San Bernardino Co.) Bernice C. Donnell, Cabazon, Cal., for 1 cu. ft. per sec. from an unnamed spring for irrigation of 80 ac. Est. cost $5000.

App. 3404 (Mono Co.) Lewis B. Perry, care of V. G. Preston, Bishop, Cal., for 12 cu. ft. per sec. and 500 ac. ft. per annum from Milner Creek for power purposes.

App. 3405 (El Dorado Co.) E. T. Larsen, Placerville, Cal., for 1.25 cu. ft. per sec. and 60 ac. ft. per annum from Brush Canyon for irrigation of 100 ac.

App. 3406 (Butte Co.) John Harringer, Oroville, Cal., for 1.88 cu. ft. for sec. from Feather River, for irrigation of 150 acres. Est. cost $6000.

App. 3409 (Contra Costa Co.) Louise A. and Walter A. Titcomb, Concord, Cal. for .84 cu. ft. per sec. from Walnut Creek for irrigation of 51.01 acres. Est. cost $2500.

App. 3410 (Madera Co.) Southern California Edison Co., Los Angeles, Cal., for 500 cu. ft. per sec. and 10,000 ac. ft. per annum from Middle Fork of San Joaquin River, for power purposes. Proposes to develop 24,100 t. h. p.

App. 3411 (Madera Co.) Southern California Edison Co., Los Angeles, Cal., for 800 cu. ft. per sec. and 80,000 ac. ft. per annum from Middle Fork of San Joaquin River for power purposes. Proposes to develop 64,100 t. h. p.

App. 3412 (Madera Co.) Southern California Edison Co., Los Angeles, Cal., for 850 cu. ft. per sec. and 60,000 ac. ft. per annum from San Joaquin River, for power purposes. Proposes to develop 119,500 t. h. p.

App. 3413 (Solano Co.) A. L. Grotheer, Suisun, Cal., for .91 cu. ft. per. sec. and 8.5 ac ft per annum from Ledgerwood and Walker Creeks for irrigation of 72.83 acres. Cost $2000.

App. 3414 (El Dorado Co.) M. C. Seagrave, Balboa Bldg., San Francisco, for 10 cu. ft. per sec. and 40,000 ac. ft. per annum from Middle Fork Consumes River, for irrigation of 20,000 acres in Sacramento county. Est. cost $400,000

App. 3415 (Riverside Co.) Ladera Irrigation District, Elsinore, Cal., for 15,000 ac. ft. per annum from San Jacinto River, for irrigation of 4000 acres.

App. 3416 (Kern Co.) T. C. Harner and M. C. Benedict, Inyokern, Cal., for .12 cu. ft. per sec. from Demsey Canyon for irrigation of 105 acres. Est. cost $4000.

App. 3418 (Los Angeles Co.) Ralph Bennett, Central Bldg., Los Angeles, Cal., for 20 cu. ft. per sec. and 15,000 ac. ft. per annum from Big Rock Creek for power purposes. Proposes to develop 6168 t. h. p. Est. cost $600,000.

App 3419 (Mono Co.) The Nevada California Power Co., Riverside, Cal., for 4500 ac. ft. per annum from North Fork of Rush Creek for power purposes. Proposes to develop 4878 t. h. p. Est. cost $160,000.

App. 3420 (Modoc Co.) C. H. Fenner, Crandall, Cal., for 15,000 ac. ft. per annum from Cow Head Lake for irrigation of 10,000 acres. Est. cost $150,000.

App. 3421 (Mendocino Co.) E. W. and W. N. Dutton, Ukiah, Cal., for .56 cu. ft. per sec. from Russian River, for irrigation of 45 acres near point of diversion Est. cost $3500.

App. 3422 (Butte Co.) Mrs. A. A. Bradford, Chico, Cal., for 23.82 cu. ft. per sec. from Dry Creek for irrigation of 1906 acres.

App. 3423 (Yolo Co.) Beach and Cox, Fairoaks, Cal., for 7.25 cu. ft. per sec. from Sacramento River for irrigation of 580 acres. Est. cost $20,000.

App. 3424 (Fresno Co.) J. D. Morgan, Fresno, Cal., for .025 cu. ft. per sec. from a spring, for domestic purposes. Est cost $1250.

App. 3427 (Modoc Co.) Curtis Mathews, Fort Bidwell, Cal., for 1.66 cu. ft. per sec. from Pelican Lake for irrigation of 133 acres. Est. cost $1600.

App. 3429 (Los Angeles Co.) Henry Damerel, Covina, Cal., for 20,000 ac. ft. from Puddingstone Creek, Live Oak, San Dimas, San Gabriel and other small canyons, for agricultural purposes. District to be formed. Est. cost $1,500,000.

App. 3432 (Modoc Co.) W. O. Blasingame, et al, Alturas, Cal., for 335 ac. ft. per annum from Jones Flat Drainage Area, for irrigation of 660 acres. Est. cost $3300.

App. 3433 (San Mateo Co.) Peninsula Farms Co., care Haven, Athearn, Chandler & Farmer, 723 Balboa Bldg., San Francisco, Cal., for 1000 ac. ft. per annum from Little Butsno Creek, for irrigation of 2400 acres.

App. 3434 (San Mateo Co.) Peninsula Farms Co., care Haven, Athearn, Chandler and Farmer, 723 Balboa Bldg., San Francisco, Cal., for 2000 ac. ft. per annum from Gazos Creek, for irrigation of 2400 acres.

App. 3435 (San Mateo Co.) Peninsula Farms Co., care Haven, Athearn, Chandler and Farmer, 723 Balboa Bldg., San Francisco, Cal., for 1000 ac. ft. per annum from Little Gazos Creek for irrigation of 2400 acres.

App. 3436 (Contra Costa Co.) Joseph Ruckstuhl, Oakley, Cal., for 2.87 cu. ft. per sec. from San Joaquin River for irrigation of 170 acres. Est cost $6000.

App. 3437 (Butte Co.) Paradise Irrigation District, Paradise, Cal., for 50 cu. ft. per sec and 5000 ac. ft. per annum from West Branch of Feather River for irrigation of 11,100 acres. Est. cost $325,000.

App. 3438 (Lassen Co.) Robert Krims, care Cope, Rand & Means, 369 Pine St., San Francisco, Cal., for 10,000 ac. ft. per annum from Secret Creek for irrigation of 5000 acres near point of diversion. Est. cost $150,000.

App. 3440 (Placer Co.) Bank of Italy, San Francisco, Cal., for 2 cu. ft. per sec. from Strap Ravine for irrigation of 280.8 acres. Est. cost $2500.

App. 3441 (El Dorado Co.) City of Sacramento, Sacramento, Cal., for 500 cu. ft. per sec. and 75,000 ac. ft. per annum from South Fork of Silver Creek, for power purposes. Proposes to develop 184,875 t. h. p. Proposes 2 dams 302 and 138 feet high. Est. cost $685,000.

App. 3442 (El Dorado Co.) City of Sacramento, Sacramento Cal., for 500 cu. ft. per sec. from Silver Creek for power purposes. Proposes to develop 102,654 t. h. p. Est. Cost $2,966,753.

App. 3443 (El Dorado Co.) City of Sacramento, for 500 cu. ft. per sec. and 263,000 ac. ft. per annum from Silver Creek for municipal purposes in the city of Sacramento.

App. 3444 (El Dorado Co.) City of Sacramento, for 500 cu. ft. per sec. and 180,000 ac. ft. per annum from Silver Creek for power purposes. Proposes to develop 184,875 t. h. p. Est. cost, $6,916,249.

App. 3445 (El Dorado Co.) City of Sacramento, for 250 cu. ft. per sec. and 60,000 ac. ft. per annum from Little South Fork Rubicon River for power purposes. Proposes to develop 184,875 t. h. p. Est. cost $1,075,721.

App. 3446 (El Dorado Co.) City of Sacramento, for 300 cu. ft. per sec. and 75,000 ac. ft. per annum from Rubicon River for power purposes. Proposes to develop 184,875 t. h. p. Est. cost, $863,000

App. 3447 (El Dorado Co.) City of Sacramento, for 400 cu. ft. per sec. and 100,000 ac. ft. per annum from Gerle Creek for power purposes. Proposes to develop 184,875 t. h. p. Est. cost, $165,776.

App. 3451 (Mendocino Co.) City of Fort Bragg, Fort Bragg, Cal., for 1 cu. ft. per sec. from Noyo River for municipal purposes in City of Fort Bragg.

App. 3452 (Trinity Co.) M. D. Stewart, Minersville, Cal., for 62.5 cu. ft. per sec. from Swift Creek, for mining purposes. Est. cost $25,000.

App. 3454 (Placer and El Dorado Cos) Henry Worth, Auburn, Cal., for 3334 cu. ft. per sec. and 2,440,000 ac. ft. per annum from American River and tributaries for irrigation of 290,000 acres.

App. 3455 (Trinity Co.) M. F. Fountain, Arcata, Humboldt Co., for 25 cu. ft. per sec. from Scharber Creek for mining purposes. Est. cost $3500.

App. 3456 (Calaveras Co.) Arthur H. Barendt, Atty., 446 Mills Bldg., San Francisco, Cal., for 25 cu. ft. per sec. and 40,000 ac. ft. per annum from Middle Fork Mokelumne River for municipal purposes in East Bay Cities. Est. cost $300,000.

App. 3457 (Calaveras Co.) Arthur H. Barendt, Atty., 446 Mills Bldg., San Francisco, Cal., for 25 cu. ft. per sec. and 90,000 ac. ft. per annum from South Fork Mokelumne River, for municipal purposes in East Bay Cities. Est. cost $2,000,000.

App. 3458 (Calaveras Co.) Arthur H. Barendt, Atty., 446 Mills Bldg., San Francisco, Cal., for 250 cu. ft. per sec. from North Fork Mokelumne River for municipal purposes in East Bay Cities. Est. cost $540,000.

App. 3459 (Ventura Co.) H. H. Braly, as trustee for proposed Moorpark-Conejo Irrigation District, Los Angeles, Cal., for 150,000 ac ft. per annum from Sespe Creek and Piru Creek and tributaries for agricultural purposes.

App. 3460 (Ventura Co.) H. H. Braley, as trustee for proposed Moorpark-Conejo Irrigation Dist, Los Angeles, Cal., for 150,000 ac. ft. per annum from Sespe and Piru Creeks and tributaries, for agricultural purposes.

QUANTITY SURVEYOR
and Valuation Engineer
Buildings & Engineering Works
ARTHUR PRIDDLE
693 Mission Street, at Third St.
San Francisco, Calif.
Telephone Douglas 8-4-9-3

PERMITS GRANTED

Following permits were granted by the Division of Water Rights, during the month of May:

Permit No. 1395 (Mono Co.) Issued to Masonic Mines Association, Reno, Nevada, for .14 cu. ft. per sec. from 9 Springs and Crater Lake for mining purposes. Est. cost $6000.

No. 1396 (Modoc Co.) Thomas and Raker, Alturas, Cal., for 295 ac. ft. per annum from an unnamed stream for irrigation of 2906 acres. Est. cost $1250.

No. 1397 (San Bernardino Co.) Joseph S. Strawser, San Bernardino, Cal. for .005 cu. ft. per sec. for domestic purposes. Est. cost $1000.

No. 1400 (San Mateo Co.) Peninsula Farms Co., Pescadero, Cal., for 5 cu. ft. per. sec. from Pescadero Creek, for domestic and irrigation of 730 acres. Est. cost $25,000.

No. 1402 (Santa Barbara Co.) C. K. G. Billings, Santa Barbara, Cal., for .01 cu. ft. per sec. from springs in Sec. 15, for domestic purposes. Est. cost $1174.

No. 1404 (Lassen Co.) Red Rock Irrigation District, Stacy, Cal., for 2 cu. ft. per sec. and 80 ac. ft. per annum from Red Rock Creek for irrigation of 160 acres. Est. cost $1500.

No. 1408 (Santa Cruz Co.) Mangels Estate Co., Aptos, Cal., for 3 cu. ft. per sec. from Aptos Creek for irrigation of 240 acres. Est. cost $20,000.

No. 1409 (Santa Cruz Co.) H. H. Ledyard, San Jose, Cal., for .50 cu. ft. per sec. from Aptos Creek in Aptos Rancho, for irrigation of 40 acs. Est. cost $2000.

No. 1411 (Colusa Co.) Emeline Wilson Grimes, Cal., for 11.56 cu. ft. per sec. from Sacramento River for irrigation of 925 acres. Est. cost $20,200.

No. 1416 (Contra Costa Co.) Delta Farms Reclamation Dist. No. 2026, Stockton, Cal., for 69.02 cu. ft. per sec. from San Joaquin River, Old River, False River, Washington Slough and dredger Cut in Contra Costa Co., for irrigation of 5522 acres.

No. 1426 (Mono Co.) Lewis B. Perry, Mocalno, Cal., for 5.62 cu. ft. per sec. from Milner Creek for irrigation of 450 acres. Est. cost, $15,000.

No. 1430 (Kern Co.) Rinaldo J. Nieto, Onyx, Cal., for .75 cu. ft. per sec. from Chimney Creek for domestic purposes and irrigation of 60 acres. Est. cost $1500.

No. 1431 (San Bernardino Co.) Harry L. Scott, Etiwanda, Cal., for .08 cu. ft. per sec. from an unnamed stream for domestic purposes and irrigation of 35 acres. Est. cost $3000.

No. 1433 (Siskiyou Co.) Weyerhauser Realty Co., Tacoma, Washington, for 1.67 cu. ft. per sec. from Klamath River for irrigation of 133.7 acres. Est cost $5730.

No. 1435 (San Bernardino Co.) Alta Loma Vineyard, Cucamonga, Cal., for 2.50 cu. ft. per sec. from an unnamed stream for irrigation of 260 acres. Est. cost $5000.

No. 1436 (Solano Co.) Town of Suisun City, Suisun, Cal., for 150 ac. ft. per annum from an unnamed canyon for municipal purposes in Town of Suisun City Est. cost $3700.

No. 1437 (Butte Co.) Almon E. Smith, Magalia, Cal., for 3 cu. ft. per sec. from Middle Butte Creek for mining purposes. Est. cost $6000.

No. 1438 (Shasta Co.) A. F. Haley, Round Mountain, Cal., for 2 cu. ft. per sec. from Montgomery Creek for domestic purposes and irrigation of 160 acres. Est. cost $3000.

No. 1441 (Riverside Co.) P. M. Keegan, Elsinore, Cal., for .10 cu. ft. per sec. and .5 ac. ft. per annum from Live Oak Canyon for domestic purposes and irrigation of 12 acres. Est. cost $1500.

TRACY, San Joaquin Co., Cal.—Until June 28, bids will be rec. by Tracy Clover Irrigation District, Geo. M. Hench, secy., for the purchase of $52,170 worth of bonds, the proceeds of the sale to finance construction of works. Bonds bear 6% interest.

PROBERTA, Tehama Co., Cal.—F. H. Tibbetts, engineer, Alaska Commercial Bldg., San Francisco, has submitted report to Landowners' Committee of Prosperity Irrigation District. District comprises 93,690 acres, the total cost of the works being $2,962,940.

PHOENIX, Ariz.—Queen Creek Irrigation Dist. located east of Chandler, has applied to the State Certification Board for the approval and certification of a bond issue of $300,000 which the dist. proposes to issue for improvements. The application states that a total amount of $225,000 is to be spent in improvements, the balance to be used as a reserve or contingent fund. According to the application, the dist. proposes to erect 22 mi. of power line from the dist. to connect with the power lines of the Salt River Valley Water Users Assn. near Chandler at a cost of approx. $1000 a mi. It also proposes to sink 10 new wells, and improve 5 old wells, in addition to buying pumps and other machinery to be used in connection with bringing the water to the surface and putting it on the lands.

PARADISE, Butte Co., Cal.—Until June 19, 10 A. M., bids will be rec. by G. C. Billie, Sec'y., Paradise Irrigation District, to extend mains and furnish 145 bbls. cement; 120 tons sand and 12,000 sq. ft. wire netting. J. E. Alley, Sup't. of district. **See call for bids under official proposal section in this issue.**

AUBURN, Placer Co. Cal.—State Eng. W. F. McClure has filed report with Placer County Supervisors on proposed Roseville Irrigation District, the acerage of which has been reduced, on recommendation of state engineer, from 25,000 to 8,700 acres. The matter will officially be taken up by the supervisors at the June 15 meeting.

LIGHTING SYSTEMS

SAN DIEGO, Cal.—A majority of property owners of La Jolla have filed with the City Council, petition asking for installation of ornam. lights on Exchange Pl., bet. Prospect Pl and Pueblo lot No. 1281. The petition asks for marbelite standards.

PASADENA, Cal.—W. A. McNally Co., Pasadena, awarded cont. at $10,203 to const. lighting system on S. Hudson St. from Colorado St. to Oakwood Dr. A. C. Rice bid $10,916; Paulson Constr. Co., $12,834.35; H. H. Walker, $13,206.

LOS ANGELES, Cal.—H. H. Walker, 1800 W. 12th St., submits low bid to Bd Pub. Wks. at $22,695 to const. ornam. light system in Western Ave., bet. Hollywood Blvd. and 50 ft. N of Lexington Ave. Other bids were: Newbery Electric Co., $22,731; C. W. Sparks, $22,916; Paulson Constr. Co., $23,140; So. Cal. Elec. Co., $23,333.

SANTA ANA, Cal.—Council declares inten. to const. ornam. lighting system on West 4th St., bet. N Ross St. and N. Artesia St., involving 886 double light standards of copper steel on conc. found equipped with Novalux unit and 250 c. p. lamps, together with other work outlined in plans and spec. on file at the office of the city engr., W. G. Knox. Protests June 18; 1915 bond imp. act.

SOUTH PASADENA, Cal.—Until 5 P. M., June 11, bids will be rec. by city trustees to const. ornam. lighting system in Camden and Court Aves., involving 500 single light conc. posts, equal to that manufactured by the Cement Products Co., equipped with Novalux unit No. 8.

FORT MASON, Cal.—See "Government Work and Supplies," this issue.

MACHINERY & EQUIPMENT

WHEATLAND, Cal.—C. M. Burchell, Wheatland, is in the market for a second hand horse-drawn street sprinkler.

OXNARD, Cal.—Until 3 P. M., June 12, bids will be rec. by Oxnard union high school dist. for one gasoline tractor, suitable for use on the high school grounds, together with service for same. Cert. chk., 5%. B. B. F. Barr, Clerk.

NEWMAN, Stanislaus Co., Cal—Town is in the market for a street springler wagon, preferably with a flushing apparatus. Communicate with W. H. Gibson, town clerk.

SEATTLE, Wash.—Until June 12, 11 a. m., bids will be rec. by W. D. Freeman, city purchasing agent, for one motor-driven direct connected Oyster Mfg. Co. pipe threading machine, No. 30AB or equal (new or used in first class condition); capacity 2½ to 8-in., 220 V. 3 prose motor. Consideration will be given for early delivery at time of award.

FULLERTON, Cal.—Until 7:30 P. M., June 12, bids will be rec. by city clk. for motor truck chassis of 1½-ton to 2-ton capacity. Cert. chk., 10%. F. C. Hezmalhalch, City Clerk.

LOS ANGELES, Cal.—Until 2:30 P. M., June 15, bids will be rec. by harbor comm., 312 Byrne Bldg. for one 150 h. p. marine engine for tug "Woodman." Spec. No. 478. Guy W. Wade, Secy.

RAILROADS

LOS ANGELES, Cal.—Articles of incorporation of the Los Angeles Junction Ry. Co have been filed with the County Clerk. The company will do a general railroad business, will extend from Alameda St. at the intersection of 26th St. in the City of Vernon, and connect with the railroad of the Southern Pacific Co. and run in an easterly direction through Vernon to a point on the Atchison Topeka & Santa Fe R. R. line, bet. the junction of 25th St. and the Downey Rd., approx 3 mi. The directors are: H. E. Poronto of Chicago, J. A. McNaughton of Los Angeles, F. L. S. Harman of Pasadena, John R Boyd, B. B. Reynolds K. J. Goods, C. L. Lumpp, Leroy M. Edwards and O. C. Sattinger of Los Angeles. The authorized cap. stk. is $1,000,000.

PEARL HARBOR, Cal.—See "Official Proposals," this issue.

PORTLAND, Ore.—Grant-Smith & Co. Railway Exchange, Portland, awarded cont. for approx. 50 mi. of grading by Canadian Pacific Rlwy in connection with first unit of Tuffnell Northwest branch. The contract price runs in the neighborhood of $225,000. The work will be handled by the Calgary branch of the Grant Smith & Co., and Macdonnell, Ltd.

EUREKA, Humboldt Co., Cal.—Griffin Wheel Co., Rialto Bldg., San Francisco only bidder at $67 per tnn, awarded cont. by council for fur. and del. 20 tons of car wheels, best quality chilled iron.

LOS ANGELES, Cal.—Santa Fe Railway Co., Kerckhoff Bldg., Los Angeles, has appropriated $24,495,000 to be used in all branches of railway improvement work in Southern California and the western edge of Arizona within the next year.

Of this sum $1,500,000 will be spent in putting in the harbor extension line between El Segunda and Wilmington; $195,000 for enlarging the Los Angeles railway yards; $15,000 in improving the Harvey eating house at Los Angeles and a total of $375,000 will be spent in improving eating facilities in California.

The 80-pound steel rails between Los Angeles and San Diego will be torn up and replaced with 90-pound rails, which will cost $375,000.

The biggest single item in the improvement budget is $20,000,000 for double-tracking the Santa Fe system between Winslow, Arizona, and Barstow, California.

The refrigerating system improvement planned at Needles and Bakersfield will cost $1,300,000. Turn tables under construction at San Bernardino will cost $100,000. The shows at San Bernardino, which are being enlarged, require $740,000. Barstow trackage improvements will cost $75,000.

LOS ANGELES, Cal.—Until 2:30 P. M., June 15, bids will be rec. by harbor comm., 312 Byrne Bldg., for one 40-ton saddleback locomotive, under spec No. 477. Guy W. Wade, secy.

FIRE EQUIPMENT

LOS ANGELES, Cal. — Bids rec. by City Purchasing Agent Thomas Oughton for fire engine equipment and apparatus as follows:

Spec. No. 619, 10 pumping engines, Seagrave Co., $10,983 each, with allowance of $3300 for shops Nos. 37, 60, 61, 63, 71 and 72. American LaFrance Fire Engine Co., $11,360 each, with allowance of $3600; Stutz Fire Engine Co., $11,310 each, with allowance of $6000; Ahrens-Fox Fire Engine Co., $12,000 each, with allowance of $1500.

Spec. No. 620, 18 pumping engine, hose and chemical wagons; Seagrave Co $11,223 each, with allowance of $2300 for Shops Nos. 10, 19, 24 and 13. Stutz Fire Engine Co., $11,745 each, with allowance of $4000; American LaFrance Fire Engine Co., $11,825 each, with allowance of $4000; Ahrens-Fox Fire Engine Co., $13,000 each, with allowance of $1000.

Spec. No. 621, 7 chemical and hose wagons; Stutz Fire Engine Co., $8500 each, no disc.; American LaFrance Fire Engine Co., $8900 each, 2%; Seagrave Co., $9440 each, 2%.

Spec. No. 622, 5 aerial trucks. Seagrave Co., $15,431 each, 2%; Stutz Fire Engine Co., $16,000 each; American LaFrance Fire Engine Co., $17,600 each two per cent.

Spec. No. 623, 5 service trucks; Stutz Fire Engine Co., $10,250 each, no disc.; Seagrave Co., $11,700, 2%; American LaFrance Fire Engine Co., $12,900 each, two per cent.

Spec. 624; 2 squad trucks; Stutz Fire Engine Co., $8150 each; American Lafrance Fire Engine Co., $8700, 2%; Seagrave Co., $8950, 2%.

SANTA CRUZ, Santa Cruz Co., Cal.—Until June 12, 9 a. m., bids will be rec. by S. A. Evans, city clerk, for fur. and del. one 750-gal. triple comb. fire engine; f. o. b. Santa Cruz prior to July 1, 1923. Spec. on file in office of clerk.

POMONA, Cal.—See "Streets & Sewers," this issue.

MISCELLANEOUS SUPPLIES

PORTLAND, Ore.—Freeland Table Co. 311 16th St. north, Portland, Ore., is in market for alder lumber, green and kiln dried, also for hardwoods and veneers. Address company direct.

LOS ANGELES, Cal.—Until 3 p. m., June 8, bids will be rec. by public service comm., 207 S Broadway, for 30 tons of pig metal to be soft enough for caulking in cast iron water pipe, f. o. b. 510 E 2nd St., Los Angeles. Spec. 674-D. Jas. P. Vroman, secy.

PIPE LINES, WELLS, ETC.

SAN DIEGO, Cal. — City Hydraulic Engr. H. N. Savage has prepared plans for the new pipe line for the city of San Diego from Lower Otay reservoir to the Bonita Wye, San Diego Municipay Water Impounding system. Plans call for (Sec. 1) 9100 lin. ft. trench, exclusive of trestle; 17,000 cu. yds. earth excav.; (Sec. 2) 12,000 lin. ft. trench, exclusive of trestle and tunnel; 31,000 cu. yds. earth excav; (Sec. 3) 11,290 lin. ft. trench, exclusive of trestle and tunnel; 19,000 cu. yds. earth excav.; 3000 cu. yds earth backfilling; salvaging & rebuilding 30,000 lin. ft. 36-in. wood stave pipe line; 45,000 lin. ft. redwood staves for new 36-in. pipe; 61,000 ¼-in. pipe bolts; 61,900 malleable iron shoes; 50,000 tongues; eight 4-in. air valves; 9000 lbs. cast iron offs; 13 30-in. gate valves; 9000 lbs. cast iron fittings for 30-in. cast iron pipes; 896,000 lbs. reinf. steel for tunnels; 7835 lin. ft. tunnel for 36-in. pipe. Bonds in the sum of $400,000 for this work have been voted but not sold.

WASHINGTON, D. C.—See "Government Works and Supplies," this issue.

PARADISE, Butte Co., Cal.—See "Irrigation Projects," this issue.

BURBANK, Cal.—Claude Fisher, 610 Wright & Callender Bldg., L. A., submitted only bid to city trustees to fur. and lay standard wrought iron pipe, involv. a total of approx. 12,800 ft. at $1.85 ft. for 6-in. pipe incl. fittings and $1.11 ft. for 4-in. pipe incl. fittings.

SEWAGE DISPOSAL PLANTS

SAN LUIS OBISPO, Cal. — County Surveyor W. J. Black has been appointed sanitary engineer to prepare plans and spec. for the new sewer outlet to be constructed for the Pismo Sanitary Dist. A septic tank will probably be required.

TRACY, San Joaquin Co., Cal.—City trustees take bids in about 6 weeks to construct sewage disposal plant; est. cost $65,000. Clyde F. Smith, engineer, 516 Santa Barbara Rd., Berkeley. Plans provide for Imhoff tank, trickling filter and about 1 mi. of outfall.

SAN LUIS OBISPO, Cal.—City Engr. Warren Burch completes spec. for Imhoff tank for treating and disposal of sewage for population of approx. 12,000. Bonds of $15,000 have been voted to finance construction.

LONG BEACH, Cal.—See "Streets & Sewers," this issue.

SAN JOSE, Santa Clara Co., Cal.—Following the receipt of a report on unsanitary condition of outfall sewer from Alviso-Milpitas rd., to its termination in the sloughs, the city council has referred the matter to City Mgr. Clarence B. Goodwin, who will arrange a preliminary survey to determine the cost of improving the system.

MISCELLANEOUS CONSTRUCTION

OAKLAND, Cal. — Cit'l Eng. W. W. Harmon has completed plans for pedestrian way to connect San Pablo avenue and Broadway, bet. 14th and 16th Sts. Plans provide for 18-ft. passageway costing approx. $170,000 to be assessed against property owners.

SOUTH PASADENA, Cal.—R. A. Garnett, 1130 Loew State Bldg., Los Angeles, awarded the contr. by council at $10,700 to const. Fremont Ave. tunnel.

WATER WORKS

YUMA, Ariz. — J. W. Belt, Yuma, awarded contr. by trustees of school dist. No. 1, at $4 ft. first 200 ft. and $4 ft. for all footage beyond that depth, for drilling one 16-in. well.

UPLAND, Cal. — City Engr. Geo. S. Hinckley recommends that council call election to vote on a $225,000 bond issue for a municipal water system. The present private system would be purchased and enlarged while additional water bearing land would be secured.

FORT MASON, Cal.—See "Government Work and Supplies," this issue.

BANNING, Cal.—City Water Co. applies to State Railroad Commission for authority to issue $35,000 of 7% bonds to finance cost of rebuilding the present inadequate distributing system.

EL MONTE, Cal.—Until 8 p. m., June 11, bids will be rec. by trustees of Temple school dist., for elec. driven pump with pressure tank and complete automatic attachment, to furnish at least 10 gals. per min., for fire pressure. Bids shall be mailed to Roy R. Farmer, clerk, El Monte or to J. D. Croan, at the Temple school.

OLEMA, Marin Co., Cal. — John G. Rapp, supplying 20 consumers in Olema with water, applies to State Railroad Commission for authority to install meters and charge meter rates.

MEDFORD, Ore.—City council plans to call election to vote bonds of $600,000 to finance construction of new water system.

HERMOSILLO, Mex.—See "Streets & Sewers," this issue.

PLAYGROUNDS & PARKS

LONG BEACH, Cal.—City Council has called an election for June 15 to vote on a $900,000 bond issue for a public park and playground in Long Beach.

YUMA, Ariz. — Morrison-Dunnegan-Ryan Co., El Paso, Tex., awarded contr by trustees of school dist. No. 1, at $1310.15 for all material for sprinkler system at 4th Ave. school grounds.

LOS ANGELES, Cal. City votes bonds of $1,500,000 for playground purposes.

SEWERS AND STREET WORK

LOS ANGELES, Cal.—L. A. Paving Co., Inc., 2900 Santa Fe Ave., awarded contr. by Bd. Pub. Wks. at $33,503 to imp. Francis Ave. bet. Hoover St. and Vermont Ave., involv. grading at $3892 (lump sum); 165 sq. ft. conc. paving 26c ft.; 103,121 sq. ft. Warrenite-bitul. paving 25.9c ft.; 137 ft. curb 75c ft.; 1725 sq. ft. walk 24c ft.; 5484 sq. ft. gutter 33c ft.; 273 ft. hse. sewers $1.95 ft. Other bids: Geo. R. Curtis, $33,768.61; Warren Constr. Co., $33,837.45; Geo. H. Oswald, $34,360.61.

SAN JOSE, Santa Clara Co., Cal.—County Surv. instructed to prepare spec. to imp. Saratoga and Alviso road; for an oil macadam pavement from San Francisco rd. to Stevens Creek rd.; continuance of the Lawrence road; imp. following roads in Supervisor Dist. No. 3: Sierra, Fleming and Jackson; to grade and imp. McKean rd., Sup. Dist. 4, from Almaden Ave. to Supervisor Rd Dist. 1; gravel and imp. following roads in Sup. Dist. No. 5: Stanford and Miramonte Aves. and Sterling road. Henry A. Pfister, county clerk.

LOS ANGELES, Cal.—Until 10 a. m., June 18, bids will be rec. by Bd. Pub. Wks. to imp. under Vrooman Act, Ridgewood Pl., bet. Santa Monica Blvd. and Lemon Grove Ave., and a portion of Santa Monica Blvd., involv. 35,390 sq. ft. conc. Warrenite-bitul. pavement; 2533 ft. cem. curbs, 1072 sq. ft. walks and 2535 ft. conc. gutters.

SAN JOSE, Santa Clara Co., Cal.—City council, J. J. Lynch, clerk, declares inten. to imp. St. John St., bet. 7th and 16th, except intersections of 9, 10, 12, 13, 14 and 15th and portion bet. 14th and 15th; grade; pave with 1½-in. Warrenite-Bit. surface on 3-in. bituminous conc. base; hyd. conc. curbs, gutters and walks; 5 br. catchbasins; 8-in. vit. pipe drains. 1911 Act & Bond Act 1915. Protests June 25. Wm. Popp, city engineer.

LOS ANGELES, Cal.—Until 10 a. m., July 2, bids will be rec. by Bd. Pub. Wks. for material for the ocean end of the outfall sewer, bet. the Hyperion treatment plant and the final outfall, approx. one mi. out. Alternate bids will be taken on reinf. conc. and cast iron pipe, f. o. b. cars, Hyperion. Quantities involved are: 429 12-ft. lengths of 7-ft. internal dia.; 44 12-ft. lengths of 5-ft. internal dia.; 2 12-ft. lengths of 5-ft. internal dia. with double spigot ends; one double 84x60x60-in. opposite wye branch with 3 valves; two standard base 5-ft. dia. elbows with bell ends, and horizontal arms. Lump sum bids are asked on this work. Labor will be advertised under separate contract.

BURLINGAME, San Mateo Co., Cal.—Pacific States Const. Co., Call Bldg., San Francisco, at $49,845.30 awarded cont. by city trustees to imp. portion of San Mateo Drive, involv. 148,500 sq. ft. grading; 110,000 sq. ft. 5-in. conc. base with 1½-in. Topeka surface; 17,000 sq. ft. walks; 5685 lin. ft. conc. curb; 5765 lin. ft. conc. gutter; 250 lin. ft. 4-in., 1100 lin. ft. 6-in. and 900 lin. ft. 8-in. vit. sewer pipe; 36 4x4-in., 24 4x6-in. and 12 4x8-in. wye branches; 7 manholes; 2 18x18-in. and 2 24x24-in grated inlets, 150 lin. ft. 10-in. and 150 lin. ft. 12-in. corru. iron culverts; 1 rein. conc. culvert and reinforcing 1 existing culvert. Galbraith and Janes, Yuba City, only other bidder at $56,757.50.

LOS ANGELES, Cal. — Griffith Co., 502 L. A. Ry. Bldg., awarded contract by Bd. Pub. Wks. at $16,795 to imp. Porter St., bet. Santa Fe Ave. and 895.75 ft. east involv. grading at $300 (lump sum); 50,930 sq. ft. asph. paving 25.5c ft.; 112 ft. curb 70c ft.; 227 sq. ft. walk 24c ft.; 1900 sq. ft. gutter 26c ft.; 120 ft. hse. sewers $1.50 ft. Geo. R. Curtis bid $17,204.25.

SACRAMENTO, Cal.—City council, H. G. Denton, clerk, declares inten. to imp. 36th St., bet. Folsom Blvd. and Crescent Park; const. conc. curb and gutter; c. i. gutter drains with 6-in. vit. manhole connections; conc. manholes; 8-in. vit. sewer; conc. protective pipe covering; install 1-in. water main connections; grade; pave with 4-in. asph. conc. 1911 Act and Bond Act 1915. Protests June 21. Albert Givan, city eng.

SAN JOSE, Santa Clara Co., Cal. — Until July 2, 11 a. m., bids will be rec. by Henry A. Pfister, county clerk, Norwood Ave. in Supervisor Dist. No. 2.

Separate bids, same date, to imp. Mt. Pleasant rd., in Sup. Dist. No. 2. Plans on file in office of clerk.

SANTA PAULA, Cal.—Until 7:30 p. m., June 18, bids will be rec. by city trustees to imp. streets under the following resolutions:

No. 46, involv. 398,181 sq. ft. conc. paving; 2752 ft. 15-in. curb; 9623 sq. ft. walks.

No. 47, 630,934 sq. ft. asph. pavement; 81,700 sq. ft. conc. paving; 6055 ft. 15-in. curb; 128 ft. 24-in. curb; 21,562 sq. ft. walk; one 60 ft. 24-in. arch top culvert; one 80 ft. 24-in. arch top culvert.

Plans and spec. may be obtained from City Engr. Harry E. Reddick, upon deposit of $5. Cert. check or bond 10%.

Petitions are signed ready to present to board of trustees for approx. 200,000 sq. ft. of pavement in addition to the above.

WASHINGTON, D. C.—See "Government Works and Supplies," this issue.

REDDING, Shasta Co., Cal. — Until June 18, 5 p. m., bids will be rec. by Leslie Ingram, city clerk, to imp. portions of Placer, Court, Oregon, Shasta North, Trinity, California, Yuba and Center Sts.: Grade; const. conc. curbs and gutters; conc. walks, 5-ft. wide; conc. catchbasins with c. i. grates and vit. corru. part circle culverts and c. i. covers; pave all 18-ft. wide with 4-in. asph. conc. consisting of 2½-in. asph. conc. base with 1½-in. Warrenite-Bit. surface except Placer St., to be paved with 5-in. asph. conc. consisting of 3-½ in. asph. conc. base with 1½-in. Warrenite-Bit. surface. 1911 Act and 1915 Bond Act. (Approx. 220,000 sq. ft. pavement.) E. A. Robinson, city eng.

MARTINEZ, Contra Costa Co., Cal.—Until July 2, bids will be rec. by J. H. Wells, county clerk, to pave with oil macadam 1.47 mi. of road leading from junction of the Tassajara and Danville roads to Diablo club. Separate bids, same date, to pave with conc. 4279 ft. road leading from S. P. station at Pittsburg south to Mortonville coal mines. Separate bids to straighten highway over Charles Hill on Tunnel highway. Plans on file in office of clerk. R. R. Arnold, county surv.

SAN DIEGO, Cal.—Council orders imp of 30th St., bet. Adams and University Aves., involv. 281,941.92 sq. ft. 1½-in asph. conc. paving on 4-in. conc. base; 599.6 sq. ft. walk; 89 ft. curb. F. A. Rhodes, city engr.

HERMOSILLO, Mex.—Marsh-Kelsey Co., Nogales, Ariz., has contr. at approx 800,000 pesos to const. a sewer system; 1½ mi. street paving with cem. conc.; and imp. water works system in Hermosillo, State of Sonora. Louis Kelsey will have charge of the work and will make his headquarters in Nogales.

SAN FRANCISCO—Provision will be made in 1923-24 budget for following street imp. in south of Market St. section: reconst. 7th St. from Townsend to Third, $25,000; repave Howard St. from 7th to 9th, $28,000; Folsom St., from 3rd west, $40,000; 2nd from Townsend to Harrison, $15,000; Main from Market to Howard, $12,500; sewer and paving 6th, from Howard to Townsend, $50,000; Army street sewer, $70,000; repair and painting bridges on Third, Fourth, Sixth and Seventh Sts. and Islais creek, $30,000; repairs for Liberty Sanchez and Collingwood Sts., $71,000.

SAN DIEGO, Cal.—Cal. Constr. Co., Union Bldg., submitted low bid to council at $30,049 to imp. E St., bet. 16th and 25th Sts., involv. 146,186.88 sq. ft. 1½-in. Warrenite paving on 2½-in. bitum. base at 20c ft.; 27.5 ft. curb at 80c ft.; removal of 1 tree at $40; removal of 8 culverts at $750. Other bids were: Warren Const. Co., $30,283.63; C. A. Daley, $30,664.81. F. A. Rhodes, city eng.

NAPA, Napa Co., Cal.—City council, H. H. Thompson, clerk, declares intention to const. 6-in. vit. sewer with 4 wye branches in Juarez St., from 3rd St. to pt. 250 ft. south, and flushing hole with c. i. frame and cover at s. end of sewer. 1911 Act. Protests June 25. H. A. Harrold, city clerk.

BAKERSFIELD, Cal. — Council declares int. to imp. K St., bet. 4th St. and California St., grade and pave with 4-in. cem. conc. base and 1-in. asph. wearing surface; const. cem. conc. culverts, double gutters; 1911 Act. V. Van Riper, city clerk.

MARTINEZ, Contra Costa Co., Cal.—Supervisors reject bids to pave 1-mi. of Marsh Creek Rd. east of Clayton, with oil macadam and work will be done by day labor under supervision of County Eng. R. R. Arnold. Bids were: Hutchinson Co., $13,727; Heafey-Moore and McNair, $14,188.

SAN BERNARDINO, Cal.—Until 11 a. m., June 18, bids will be rec. by supervisors to imp. San Antonio Ave., bet. Ely and Walnut Sts.; grade and pave with 4-in. cem. conc., 24-ft. wide; const. conc. curbs and earth berm or embankment on both sides of the roadway, under R. D. I. No. 23. Edgar T. Ham, county surveyor.

YUBA CITY, Sutter Co., Cal.—Galbraith and Janes, Yuba City, awarded cont. to imp. portions of B St.: grade, 4c sq. ft.; 5-in. conc. pave, 19c sq. ft.; conc. curb, 50c lin. ft.

LONG BEACH, Cal.—California Construction Co., 55 2nd St., San Francisco submitted low bid to council at about $572,460.03 to pave sts. and const. storm and sanitary sewers and sewage ejector plant in Dist. No. 4, Belmont Shore tract. The bid included $311,869.97 for street work, involv. 872,928.76 sq. ft. 5-in. cem. conc. pavement at 28.7c ft.; 33,501.23 ft. cem. curb at 72c ft. and 170,896.89 sq. ft. cem. sidewalk at 22.2c ft; $59,522.41 for storm sewers, involv. 10,923 ft. conc. pipe 6 to 42 in. diam.; and $201,067.65 for sanitary sewers involving 54,326 ft. cem. pipe 8 to 14 in. diam., manholes, flush tanks, etc. and an ejector plant estimated at $25,500. Jahn & Bressl, 522 Byrne Bldg., Los Angeles, submitted next low bid at about $585,481.11, their estimate for paving being about $310,017.76, for storm sewer $65,224.10 and sanitary sewer $210,239.25. Other bids were approx. figures: Twohy Bros. Co., San Francisco, $588,000; T. A. Hanrahan, San Francisco, $591,000; Geo. W. Kemper, Venice, $598,800; M. M. Budinich, Los Angeles, $599,895. Bids referred to director of public works.

BAKERSFIELD, Kern Co., Cal.—City Eng. W. D. Clarke instructed to prepare spec. to pave K St. with 4-in. asph. conc base and 1½-in. asph. surface.

SACRAMENTO, Cal. — City council, H. G. Denton, clerk, declares intention to imp. portions of Castro Way, 3rd and 4th Aves., Rochon and Marshall Ways, Highland Ave., 25th, 26th and 27th Sts., Franklin Blvd. and 9 rights-of-way: const conc. curbs and gutters; place c. i. gutter drains with 6-in. vit. manhole connections; const. and reconst. manholes; conc. walks; grade; pave with 4-in. asph. conc. 1911 Act & Bond Act 1915. Protests June 21. Albert Givan, city engineer.

WHITTIER, Cal.—H. A. Hanawalt, La Verne, submitted low bid to city trustees at $45,850 to const. outfall sewer, using vit. pipe at $43,044.91 using conc. pipe. Work involves 3541 ft. 18-in., 3000 ft. 24-in., and 4500 ft. 27-in. and 17 manholes.

Pernell Barnett, 630 E Washington, Orange, submitted low bid at $28,514.81 for trenching, backfilling, etc., only, excluding pipe.

Bent Conc. Pipe Co. submitted a bid at $16,618.36 for pipe only at the following unit prices: 18-in. at 96c ft.; 24-in. at $1.50 ft.; and 27-in. at $1.96 ft.

The bids were as follows:

Complete work—H. A. Hanawalt—(1) 18-in. vit. $2.80, (2) 18-in. concr. $2.65, (3) 24-in. vit., $4.60, (4) 24-in. concr., $4.36, (5) 27-in. vit. $4.70, (6) 27-in. conc. $4.35, (7) manholes, $80 ea; (8) total, vit. $45,849.50, (9) conc., $43,044.91.

C. E. Green—(1) $3.20, (2) $2.90, (3) $4, (4) $4, (5) $5, (6) $4.60, (7) $80, (8) $46,849.80, (9) $43,994.20.

Pernell Barnett—(1) —, (2) $2.25, (3) —, (4) $5, (5) —, (6) $5, (7) $85, (8) —, (9) $46,497.25.

Geo. W. Kemper—(1) $3.25, (2) $3.10, (3) $4.50, (4) $4.25, (5) $5.25, (6) $5, (7) $125, (8) $50,480.25, (9) $47,994.40.

Cox & Teget—(1) —, (2) $3.15, (3) —, (4) $4.50, (5) —, (6) $5, (7) $170 (8) —, (9) $49,670.60.

Nick Chutuk—(1) $4.50, (2) $4.50, (3) $4.50, (4) $4.50, (5) $5.50, (6) $5.50, (7) $80, (8) $55,165.50, (9) $55,165.50.

D. J. Milosevich—(1) —, (2) $4, (3)—, (4) $6, (5) —, (6) $7.50, (7) $100, (8)—, (9) $64,859.

Nick Bebek—(1) $3.05, (2) $3, (3) $5.60, (4) $5.50, (5) $5.90, (6) $5.75, (7) $65, (8) $54,793.70, (9) $53,850.75.

Trenching, backfilling, etc. (City furnishing pipe)—Pernell Barnett—(1) 18 in., $1.29, (2) 24-in., $3.50, (3) 27-in., $3.05, total $28,514.81.

Geo. W. Kemper—(1) $2.75, (2) $3.20, (3) $3; total, $32,584.20.

Nick Chutuk—(1) $2.50, (2) $2.25, (3) $4.50; total, $35,630.50.

D. J. Milosevich—(1) $3, (2) $5, (3) $5.50; total, $40,995.50.

Combined bid, including excavating, backfilling, etc., and Bent's bid on pipe—Pernell Barnett, $45,133.17; Geo. W. Kemper, $49,202.56; Nick Chutuk, $52,252.86; D. J. Milosevich, $57,613.86.

LOS ANGELES, Cal.—Geo. R. Curtis, 2440 E 26th St., submits low bid to supervisors at $32,165 to imp. Slauson Ave. between Central Ave. and Compton Ave., 2653 ft., involv. (1) 3800 cu. yds. excav. $1 yd., (2) 10,983 sq. yds. shaping roadway 9c yd., (3) 1150 cu. yds. removing old macad. 50c yd., (4) 10,893 sq. yds. replacing old macad. 5c yd., (5) 1400 cu. yds. disint. granite base $3 yd., (6) 9086 sq. yds. 3-in. Willite top 72c yd., (8) 5083 ft. curb 50c ft., (9) 12,195 sq. ft. gutter 25c ft., (10) culvert $800, (11) 154 sq. ft. walk 25c ft., (12) 16 ft. curtain wall 50c ft.

Other bids: George H. Oswald—(1) $1.30, (2) 9c, (3) 75c, (4) 15c, (5) $2.70, (6) $1.06, (7) 90c, (8) 60c, (9) 25c, (10) $1732 (11) 22c, (12) 50c; total $37,877.81.

Griffith Co.—(1) $1.20, (2) 15c, (3) 90c, (4) 8c, (5) $3, (6) $1, (7) 94c, (8) 60c, (9) 26c, (10) $1200, (11) 25c, (12) $1; total, $37,402.23.

LINDSAY, Tulare Co., Cal. — Clark and Henery Const. Co., 38 South Sutter St., Stockton, at 21.7c sq. ft. awarded cont. to pave 8 blocks in residence section, being portions of Mirage and Gale Hill Aves.

HANFORD, Kings Co., Cal.—City Eng Ben Duffield completing spec. to imp. 11th St., bet. Douty and Brown Sts. and Carson bet. Porter and Central Ave. Bids will be asked immediately to pave 5th St., from Brown St. to west city limits.

FRESNO, Fresno Co., Cal—Until June 14, 3:30 p. m., bids will be rec. by R. Y. St. George, city clerk, to const. lateral and main sewers in portions of Dean Addition, Dean Park and Homewood; to be 6-in., 8 and 12-in. vit. clay pipe includ. const. of 26 stand. cem. conc. manholes with c. i. covers; 4-in. on 6-in. and 6-in. on 8-in. wyes, etc. 1911 Act. Cert. check 10% payable to city req. Wm. Stranahan, city eng.

FRESNO, Fresno Co., Cal.—California Rd. and St. Imp. Co., Bank of Italy Bldg., Fresno, awarded cont. by council at $12,327 to imp. Poplar Ave., bet. Olive Ave. and Elizabeth St., involv. 34,054 sq. ft. grading at 4.75 ft.; 31,160 sq. ft. asph. paving at 21.9c ft.; 2778 sq. ft. conc. gutter at 35c ft.; 1489 ft. curb at 60c ft.; 170 ft. 12-in. culvert at $5.73 ft.; 4 manholes at $25 each; 4283 sq. ft. walk at 22c ft.

LOS ANGELES, Cal.—Bids will be advertised for at once for material for the ocean end of the outfall sewer, bet. the Hyperion treatment plant and the final outfall, approx. one mi. out. Alternate bids will be taken on reinf. conc. and cast iron pipe, f. o. b. cars, Hyperion. Quantities involved are: 429 ft. 12-ft. lengths of 7-ft. internal dia.; 44 12-ft. lengths of 5-ft. internal dia.; 2 12-ft. lengths of 5ft. internal dia. with double spigot; one double 84x60x60-in. opposite wye branch with three valves; two standard base 5-ft. dia. elbows with bell ends, and horizontal arms. Lump sum bids are asked on this work. Labor will be advertised under separate contract.

OLYMPIA, Wash. — Until June 26, bids will be rec. by State Highway Comm. for the following projects:

(1) Paving with conc. .72 mi. of Pacific Highway from Chehalis s.e. in Lewis county, Federal Aid Project No. 107.

(2) Clear, grade, drain and surface with gravel 1.58 miles of Olympic highway bet. Mill Creek and Shelton in Mason county, Federal Aid Project No. 106, Sec. 1.

(3) Const. rein. conc. arch bridge over Goldsborough creek on Olympic highway in the town of Shelton, Mason county, Federal Aid Project No. 106, sec. No. 2.

(4) Grade, drain and pave with conc .62 mile of Olympic highway in the town of Shelton in Mason County, Federal Aid Project No. 106, sec. No. 3.

(5) Const. timber trestle and bridge over Palix river on the Ocean Beach highway in Pacific County, length approx. 1100 feet.

(6) Clear, grade, drain and surface with gravel about .38 mi. of Ocean Beach highway at Palix River bridge in Pacific county.

(7) Clear, grade and drain 11.32 mi. of Inland Empire highway, eastern route, bet. Palouse and Pullman in Whitman county.

(8) Grade, drain and pave with conc 1.3 miles of Inland Empire highway from Waitsburg northeast in Walla Walla County.

NEWPORT Beach, Cal.—Until 7:30 p. m., June 18, bids will be rec. by city trustees to imp. 29th St., bet. P. E. Ry. and S. P. Ry.; Coast Blvd. Pl., bet. Coast Blvd. and 30th St.; Coast Blvd. betw. Coast Blvd. Pl. and 31st St.; Finley Ave. bet. 36th St. and S. P. Ry., 36th St., bet. Ocean Ave. and P. E. Ry., by grading and paving with 5-in. conc., also some surfacing with 6-in. clay and gravel; constructing curbs, walks, 6-in. cem. pipe hse. sewers; 1911 Act. Alfred Smith city clerk.

SACRAMENTO, Cal. — Bids will be asked within ten days by Joint County Highway Board No. 3 to const. 26½ mi. of highway connecting the Natomas Blvd. in Sacramento county and Sutter County Highway system at Yuba City, the bids to be opened probably July 15. Total cost $600,000, Sacramento and Sutter counties to pay $175,000 each and State $110,000. Will be 16-ft. wide and bids will be asked on various types of pavement; 5-in. conc. with 7-in. conc. shoulders will be the standard. Bids will also be asked for asph. macadam and asph. conc. 5-in. thick. C. W. Deterding, eng., Courthouse, Sacramento.

SANTA ANA, Cal.—Griffith Co., 502 L. A. Ry. Bldg., Los Angeles, submitted only bid and will be awarded contract by supervisors to pave Rio Vista St., Third Rd. Dist., from the Anaheim-Olive Rd. to North St., east of the city of Anaheim; involv. 66,600 sq. ft. conc. paving with asph. top at 20c ft.; 1709 cu. yds. sub-grade and graveling at 75c yd.; 1000 cu. yds. grading at 50c yd.; work will be paid for from the Third Dist. general fund.

POMONA, Cal.—Until 12 m., June 19, bids will be rec. by council to imp. Phillips Blvd., bet. Garey Ave. and Towne Ave., grade and pave with 5-in. oil macad.; 1911 Act. F. C. Froehde, city engineer.

LOS ANGELES, Cal.—Until 10 A. M., July 9, bids will be received by Board Public Works for brick for outfall sewer to be constructed under the $12,000,000 sewer bond issue. This will be used in the brick arch of the sewer if the alternate specifying brick arch with concrete invert is used. This contract involves 26,000,000 common brick and 16,000,000 vit. brick. Spec. are on file at the office of the city eng., city hall annex.

SANTA CRUZ, Santa Cruz Co., Cal.—Until June 19, 9 a. m., bids will be rec. by S. A. Evans, city clerk, to imp. portion of Younglove Ave., bet. Errett Circle to present conc. pavement in Mission St.: Grade and pave with 5-in. conc. in 2 strips, each 10-ft. wide; const. storm water culverts consisting of corru. metal pipe, comb. catchbasins and manholes. 1911 Act. Cert. check 10% payable to city req. Jas. K. James, city engineer.

FAIRFIELD, Solano Co., Cal.—Town Trustees declare inten. to imp. portions of Union Ave. and Texas St. re-grade and repave with existing macadam and new asph. conc. with a Warrenite-Bit. surface; cem. conc. and corru. iron culverts; conc. curbs. 1911 Act & Bond Act 1915. Protests June 26. E. N. Eager, town engineer. 28

YUBA CITY, Sutter Co., Cal.—County supervisors order bids received, to be opened probably July 2, to complete final link in Bunce lateral, approx. ½ mile long. O. W. Lanzendorf, county highway commissioner.

SAN JOSE, Santa Clara Co., Cal.—Until June 18, 8 p. m., bids will be rec. by J. J. Lynch, city clerk, to imp:

Vine St., bet. Balbach and Willow: Grade; pave 1½-in. Durite asph. conc. surface on 3-in. Durite asph. conc base; conc gutters; 2 hr. catchbasins; 8-in. pipe drains; 2 12-in. c. i. grates to be placed over 8-in. vit. sewer connecting storm water drain in Canoas creek. 1911 Act and Bond Act 1915.

17th St., bet. Santa Clara and San Carlos Sts.: Grade; 1½-in. Durite asph. conc. base; conc. curbs and gutters and walks, 2 hr. catchbasins; 8-in. vit. pipe drains. 1911 Act and Bond Act 1915.

Cert. check 10% payable to city req. Wm. Popp, city engineer.

LOS ANGELES, Cal.—Until 10 a. m., July 9, bids will be rec. by Br. Pub. Wks. to const. 4 sections of the sewer system to connect the Sawtelle or West Los Angeles dist. with the main city outfall. This work will be done under the $12,000,000 bond issue, of which bonds to the amount of $2,000,000 have been sold to Blair & Co., funds from which will be used in the various preliminary parts of the projected sewer system for greater Los Angeles. The 4 sections are: Nos. 11, 12, 13, 14. Sec. 11 involves 3322 ft. 6 ft. 3 in., and 1808 ft. 7 ft 6-in sewer; Sec. 12, 2995 ft. 5-ft. 3-in., and 2384 ft. 6-ft. 3-in. sewer and 25 ft. special structures. Sec. 13, 3190 ft 4-ft. 3-in and 3209 ft. 5-ft. 3-in., and 2402 ft. 6-ft. 3-in. sewer. Sec. 14, 8306 ft. 3-in. sewer and 825 ft. special structures. Bids will be taken on 3 types, viz: brick-concr constr. Ferguson segmental block, and reinf. concr. sewer with vitrified lining. Bids on constructing Sec. 10 are not called for at this time owing to engineering work not being completed.

ALHAMBRA, Cal.—Geo. W. Kemper, Venice, P. O. Box 223, awarded contr. by city comm. at $72,500 to const. sewers in Dist. No. 2, Birch St., Plum St., Main St., Primrose Ave., La France Ave. and other sts. involv. 8-in. vit. pipe; manholes, flushtanks, wyes and 4-in. hse. connections; 1911 Act. Work involves 30,054 lin. ft. 8-in. vit. sewer pipe; 924 8x4 wye branches; 79 manholes; 7 drop manholes; 23 flush tanks; 834 4-in. c. i. hse. connections, and at $57,234.30 for Dist. 4, Almansor, Cordova, Valencia Sts., Hildago, Granada, Grand Aves., and other sts. and avenues involv. 8-in. vit pipe; manholes, flushtanks, wye branches and 4-in. hse. connections; 1911 Act. Work involves 22,265 lin. ft. 8-in. vit. sewer pipe; 766 8x4 wye branches; 54 manholes; 7 drop flushtanks; 744 4-in. c. i. hse. connection.

INGLEWOOD, Cal.—Until 8. p. m., June 18, bids will be rec. by City Clerk Otto H. Duelke for following street work:

Tamarack Ave., involv. 95,372 sq. ft. grading; 53,144 sq. ft. 5-in. oil macad. pavement; 10,111 sq. ft. sidewalk and 2269 ft. curb.

Glenway Dr., involv. 61,563 sq. ft. grading; 4119 lin. ft. 2x4 in. r.w. headers; 45,089 sq. ft. 4-in. Willite pavement and 2 corru. met. pipe culverts. Arthur W. Cory, city engr.

OROVILLE, Butte Co., Cal.—Cole and Simpson, Oroville, at approx. $40,000 awarded cont. to imp. Sec. B of the Humboldt road.

LOS ANGELES, Cal.—Until 10 a. m., July 9, bids will be rec. by Bd. Pub. Wks. for reinf. conc. pipe with vit. clay lining for Secs. 11 to 14 incl., of outfall sewer system. Quantities for Secs. 11 to 14 are given in notice (this issue) calling for bids on construction of Secs. 11 to 14; Sec. 10 involves approx. 7500 ft. pipe.

PHOENIX, Ariz.—Until June 18, 2 p. m., bids will be rec. by E. S. Wheeler, dist. eng. U. S. Bur. Pub. Rds., 242 West Washington St., Phoenix, to const. Clifton-Springerville Forest Rd. in Apache Natl. Forest, Apache county, Ariz., approx. 7.57 mi. long, involv. clearing and grubbing the entire project; 6582 cu. yds. excav. (rock); 26,738 cu. yds. excav (common); 7.57 miles finishing; 200 cu. yds. class D conc; 2020 lin. ft. corru. metal pipe; 29,700 lin. ft. protection ditches. Government has equipment for rent to contractors. Plans obtainable from eng. on deposit of $10, returnable.

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NEWPORT BEACH, Cal.—Until 7:30 p. m., June 18, bids will be rec. by city trustees to imp. portions of Coast Blvd. Pl., Coast Blvd., 29th St., 36th St., and Finley Ave., involv. 49,738.54 sq. ft. 5-in. conc. pavement; 1705.40 ft. 6x10x 15-in. conc. curb; 133.31 ft. 6x11-in.x4 ft. curb; 6390.17 sq. ft. walk; 51 ft. 6-in. cem. pipe hse. sewers; 8308 sq. ft. clay and gravel surfacing; 1600 cu. yds. excav. Plans obtainable from Paul E. Kressly, cons. engr., 732 H. W. Hellman Bldg. Cert. check of bond 10%. 1911 Act. Alfred Smith, city clerk.

SANTA CLARA CO., Cal.—Until July 2, 2 p. m., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, to grade and surface with gravel 4.5 mi. in Santa Clara county, bet. Gilroy and San Felipe. R. M. Morton, State Highway Eng. **See call for bids under official proposal section in this issue.**

GLENDALE, Cal.—R. L. Fleming 1007 S. Boynton St., Glendale, awarded contr. by council at $37,813.90 to imp. Kenneth Rd. and other sts., involv. 157,975 sq. ft. 3-in. macad. paving and other incidental items.

SACRAMENTO, Cal.—City council, H. G. Denton, clerk, declares inten. to imp. I St., bet. 31st and 33rd; conc. curb & gutter; grade and pave with 4-in. asph. conc. 1911 Act and 1915 Bond Act. Protests June 21. Albert Givan, city eng.

LOS BANOS, Cal—City trustees, Olive M. Idiart, clerk, declare inten. to imp. portions of M. L, K, J, I, H, and other Sts. and alleys: grade; pave with 3-in. asph. conc. base with 1½-in. Warrenite Bit. surface; const. comb. conc curbs and gutters; corru. metal culverts; conc. manholes with c. i. covers, etc. 1911 Act. Protests June 20. Orvil V. Freeman, city eng.

CALIFORNIA — Following bids rec. by State Highway Comm., Forum Bldg. Sacramento, June 4, to pave with Port. cem. conc. 1.9 mi. of highway in Los Angeles, bet. Fish Canyon Rd. and Azusa, involv. 17,700 cu. yds. embankment without classification; 2800 cu. yds. class A Port. cem. conc. (pavement); 5 cu. yds. class A Port. cem. conc (culverts and monuments); 84 lin. ft. 18-in. and 42 lin. ft. 24-in. rein. conc. pipe; 16 monuments.

W. B. McCray, 129 W 2nd St., Los Angeles	$42,348.50
J. F. Knapp, Turlock	45,100.00
H. H. Peterson, San Diego	45,369.50
Chas. G. Frisbie, L. A.	45,460.74
Sline & Ellis, Los Angeles	48,818.20
H. E. Cox, Pasadena	51,532.00
Kaiser Paving Co., Oakland	53,329.00
J. Paul Benson, Los Angeles	57,862.00
Pioneer Transfer Co., Calexico	58,357.00
Mix, Hedstrom, Howard & James, Long Beach	63,051.00
D. A. Foley & Co., Los Angeles	78,957.40
Engineer's estimate	44,475.50

PASADENA, Cal.—J. E. Haddock, 357 N Chester St., Pasadena, awarded contr. by city directors to imp. Fair Oaks Dr. bet. Fair Oaks Ave. and Morton Ave., involving grading $2 ft.; 2-in. oil and rock paving 9c sq. ft.; curb 42c lin. ft.; conc. gutter 28c sq. ft. He was also awarded contrs as follows:

Francisco St., involv. grading $1.50 lin. ft.; 2-in. oil and rock paving 9c sq. ft.; walk at 16c ft.; curb 42c ft.; gutter 24c; concr. bridge complete, $1300.

Hawkeye St. bet. Lake and Mentor Sts., involv. 2-in. oil and rock paving 11c ft.; walk 17c ft.; curb 50c ft.; gutter 26c ft.

SAN DIEGO, Cal.—Until 10:30 a. m., June 18, bids will be rec. by A. H. Wright, city clerk, to imp. Julian Ave. and Marcey Ave., involv. 215,171.4 sq. ft. paving with 1½-in. asph. conc. wearing surface on 2½-in. bitum. base; 19.7 lin. ft. cem. conc. curb and 105.7 sq. ft. cem. conc. sidewalk; 1911 Act.

Blds, same date, to imp. Hermosa Way, Valle Vista and alley in blk A, Allen Terrace, involv. 41,095 sq. ft. paving with 1½-in. asph. conc. wearing surface laid on 2½-in. asph. conc. base; 31 lin. ft. cem. conc. curb; 164.9 cu. yds. earth excav.; 5 6-in. cem. conc. sewer laterals; 6 4-in. cem. conc. sewer laterals; 1911 Act. F. A. Rhodes, city engr.

OROVILLE, Butte Co., Cal.—County Supervisor Jas. Craig backs movement to organize boulevard district in Gridley and Biggs sections. Committees have been appointed to circulate petitions. Harry H. Hume, county road eng.

WASHINGTON, D. S.—See "Government Works and Supplies," this issue.

MONTANA STATE—Until June 15, 10 A. M., bids will be rec. by C. H. Purcell, Dist., Eng. U. S. Bur. of Pub. Rds., 607 Smead Bldg., Missoula, Montana, to const. Coram Spotted Bead Rd. Sec. 2, Nat'l. Forest project, 24.38 mi., involv. 5 ac. extra clearing; 74 ac. grubbing; 21,450 cu. yds. rock excavation; 38,000 cu. yds. common excavation; 84 300 cu. yds. unclassified excavation; 24.38 miles finishing earth road; 2,878 lin. ft. pipe culverts; 90 lin. ft. log culverts; 3,930 sq. ft. log cribbing; 1 100', 1 40' and 1 30' span log truss bridge superstr; 273 lin. ft. log stringer bridge and trestle superstructure; 1,040 lin. ft. logs in log trestle bents; 25 cu. yds. Class A conc. piers; 1,400 lbs. reinforcing steel; 330 cu. yds. cement rubble masonry; 100 cu. yds. hand placed embankment.

Separate bids, same date, for Skalkaho Sect. 2, Granite county, Montana, 1.32 mi. involv.: 4.85 ac. clearing; 2.5 ac. grubbing; 1,320 cu. yds. rock excavation; 6,950 cu. yds. common excavation; 1.32 miles finishing earth road; 360 lin. ft. pipe culverts; 20 tons structural steel, hauled, erected and painted; 47 lin. ft. bridge deck; 12 cu. yds. Class A and 90 cu. yds. Class C conc.; 21 cu. yds. cement rubble masonry.

Separate bids, same date, to const. Monarch - Riceville unit, Cascade county Montana, 4.24 mi. involv.: clearing and grubbing (lump sum); 13,500 cu. yds. rock excavation; 17,400 cu. yds. common excavation; 4.24 miles finishing earth road; 475 cu. yds. cement rubble masonry; 359 lin. ft. pipe culverts; 80 cu. yds. loose rip rap; 1,700 lin. ft. guard rail; 500 cu. yds. hand placed embankment; 7,500 cu. yds. crushed rock or gravel surfacing; 555 cu. yds. Class A conc. bridges and culverts; 44,200 lbs. rein. steel (bridges and culv.); 12.35 tons struc. steel.

Government has equipment to rent to contractor. Plans may be examined at Dist. Office at Missoula, Rm. 316 Post Office Bldg., Portland, Ore., Associated General Contractors of America, Spokane Hotel Bldg., Spokane, Wash., and at the office of Forest Supervisor, Kalispell, Montana.

LOS ANGELES, Cal.—H. H. Peterson, 356 Spreckels Bldg., San Diego, submitted low bid to harbor comm. at about $113,314.50 to const. an 8-in. conc. base on Badger Ave. and Dock St. (the approaches to the new draw bridge) at 33.5c sq. ft. paving and $5860 (lump sum) grading and filling. W. D. McCray 416 American Bank Bldg., submitted low bid at about $102,879.17 for 7-in. conc. base at 29.7c sq. ft. paving and $8500 (lump sum) grading and filling. Griffith Co., L. A., Bdg., submitted low bid for Warrenite-bitul. surface at 9.5c sq. ft., a total of $30,188.62. Only three bids covered both conc. base and surfacing and that of the Griffith Co. was the lowest of the 3 on the combination for 7 and for 8-in. conc. base with Warrenite-bitul. top.

The work involves 317,775 sq. ft. pavement, and bids were taken on (1) grading and filling; (2) 7-in. concrete base; (3) 8-in. conc. base with 4-in. reinforcing; (4) 2-in. Warrenite-bitul. surfacing. The bids were as follows:

H. H. Peterson—(1) $5860, (2)—, (3) 33.5c, (4) —.

W. D. McCray—(1) $8500, (2) 29.7c, (3) 32.7c, (4) —.

Griffith Co.—(1) $13,000, (2) 34c, (3) 38c, (4) 9.5c.

Southern Constr. Co.—(1) $7200, (2) 31.2c, (3) 34.1c, (4) —.

T. E. Shafer—(1) $14,100, (2) 35.7c, (3) 40c, (4) —.

Wells & Bressler—(1) $10,000, (2) 31.5c, (3) 34.5c, (4) —.

Warren Constr. Co.—(1) $14,750, (2) 35c, (3) —, (4) 17c.

Geo. H. Oswald—(1) $13,173.56, (2) 31c, (3) 35c, (4) 13c.

Ross Constr. Co.—(1) $20,000, (2) 42c, (3) —, (4) —.

J. Paul Benson—(1) —, (2) $39c, (3) 41c, (4) —.

GLENDALE, Ariz. — Pacific Constr. Co., 211 Home Builders Bldg., Phoenix, Ariz., has the contr. for improving project No. 57, through Glendale, Ariz., instead of the Pacific Constr. Co., 16 California St., San Francisco, as previously reported. C. S. Kent, Phoenix, is vice-pres. and treas. of the Phoenix Company.

SACRAMENTO, Cal.—J. W. Terrell, 1111 29th St., Sacramento, awarded contract by council to imp. portions of V 51st, Y Sts., and 2nd Ave.: Const. vit. sewers with 4-in. wyes; conc. manholes and back fill trench.

A. Teichert & Sons, Ochsner Bldg., Sacramento, awarded cont. to imp. portions of V and 52nd Sts.: const. conc. 6-in. vit. pipe manhole connections; curb and gutter; c. i. gutter drains with const. conc. manholes; 4-in. sewer services to property line; 1½-in. water main connections; grade and pave with 5½-in. asph. conc., 52nd St. pavement to be 4-in. asph. conc.

SILVERTON, Ore.—Until June 25, 8 p. m., bids will be rec. by John T. Hoblitt, city recorder, to const. 8700 lin. ft. sanitary sewer, conc. septic tank and 5500 lin. ft. storm water sewer. Spec. on file in office of city eng. Cert. check $5000 payable to city req.

LOS ANGELES, Cal.—Until 10 a. m., June 18, bids will be rec. by Bd. Pub. Wks. to imp. under Vrooman Act: Wilton Pl. bet. Santa Monica Blvd. and Clinton St. and portions of other sts., involv. 104,481 sq. ft.' asph. paving; 1594 sq. ft. grade and nil; 516 ft. curb; 2350 sq. ft. walk; 5952 sq. ft. gutter; 210 ft. hse. sewers.

SANTA BARBARA, Cal.—City Engr. George D. Morrison estimates the paving to be done in this city during 1923 at bet. $800,000 and $1,000,000. Petitions on file at the engineer's office total almost this amount.

SAN JOSE, Santa Clara Co., Cal.—R. H. Crummey, 121 Pearl St., Oakland, awarded cont. by council to imp. Empire bet. 10th and 17th Sts.; grade; pave with 1½-in. Warrenite-Bit. surface on 3-in. bituminous conc. base; hyd. conc. curb, gutter and walks; 4 br. catchbasins., 8-in. vit. pipe drains.

Crummey awarded cont. to imp. San Salvador St., bet. 10th and 16th Sts.; grade; pave with 1½-in. Warrenite-Bit. surface on 3-in. bituminous conc. base; conc. curbs and gutter; 1 br. catchbasin; 8-in. vit. pipe drains.

MADERA, Madera Co., Cal.—As previously reported, bids rec. by city trustees to imp. West Yosemite Ave. and portions of 6th and B Sts., rejected due to irregularities in advertising. Thompson Bros., G and Divisadero Sts., Fresno, were low bidders at $38,378 and $35,437 respectively. New bids will be opened June 12, 8 p. m.,

West Yosemite Ave. contract involves 114,644 sq. ft. grading; 107,899 sq. ft. 2½-in. bituminous base with 1½-in. Bithulithic surface; 5072 sq. ft. conc. gutter; 2003.5 lin. ft. conc. curb; 634 lin. ft. culvert; 80 lin. ft. full circle 8-in. corru. pipe; 2 manholes.

6th and B Sts. contract involves 107,136 sq. ft. grading; 99,391 sq. ft. 1½-in. Bithulithic surface on 2½-in. bituminous base pavement; 6766 sq. ft. 6-in. thick conc. gutter; 899 lin. ft. conc. curb; 600 lin. ft. corru. iron arch 27-in. culvert set on conc.; 42 lin. ft. full circle 8-in. corru. pipe; 2 catchbasins; 2 drain gates; 2 headwalls for drain pipe. A. M. Acton, city eng.

CHICO, Butte Co., Cal.—Until June 12, 8 p. m., bids will be rec. by Ira R. Morrison, city clerk, to const. sidewalk approach culverts of conc. and corru. metal in portions of the Esplanade and conc. pipe culverts with catchbasins across the Esplanade at Lincoln, Sacramento, Third and 5th Aves. 1911 Act. Cert. check 10% psyable to city req. F. S. Robinson, city eng.

EUREKA, Humboldt Co., Cal.—City council, A. Walter Kildale, clerk, declares inten. to const. conc. sidewalks in portions of Third and M Sts. 1911 Act. Protests June 19. Harry H. Hannah, city engineer.

FRESNO, Fresno Co., Cal.—California Rd and St. Imp. Co., Bank of Italy Bldg., Fresno, submits low bid to council at $12,327 to imp. Poplar Ave. bet. Olive Ave. and Elizabeth St., involving 34,054 sq. ft. grading at 4.75c ft.; 31,160 sq. ft. asph. paving at 21.9c ft.; 2778 sq. ft. conc. gutter at 35c ft.; 1489 ft. curb at 60c ft.; 170 ft. 12-in. culvert at $5.73 ft.; 4 manholes at $25 each; 4283 sq. ft. walk at 22c ft. Thompson Bros., Fresno, bid $12,452.

SACRAMENTO, Cal.—Until June 14, 9 p. m., bids will be rec. by H. G. Denton, city clerk, to imp.:

Sacramento Blvd., bet. 8th Ave. and pt. 22 ft. s. 14th Ave., const. conc. curbs, gutters; c. i. gutter drains with 6-in. vit. sewer connections; const. 8-in. vit. sewer; install water services; const. and reconst. conc. manholes; const. 6-in. vit. sewer services to property line; grade; 5½-in. asph. conc. pavement.

Alley bet. 3rd and 4th Aves., 33rd and 34th Sts.; alley bet. T & U, 5th and 6th Sts. and alley bet. O and P, 10th and 11th Sts.; const. conc. catchbasins with 6-in. vit. sewer connections; extend sewer services to property line; reconst manholes; c. i. gutter drains with 6-in. vit. sewer connections; const. conc. curtain wall; install 1-in. water main connections; grade; 5-in. hyd. conc. pavement.

10th Ave., bet. 44th and Stockton Blvd.; const. conc. curb and gutter; c. i. gutter drains with 6-in. vit. manhole connections; reconst. manholes; extend vit. sewer services; grade; pave with 4-in. asph. conc. with seal coat.

Alley bet. H and I, 16th and 17th Sts; alley bet. Y and 1st Ave. and 32nd and 33rd Sts. and alley bett. Y and 1st Ave., 33rd and 34th Sts.; const. new and reconst. present catchbasins with 6-in. vit. sewer connections; reconst. manholes; const. concs. curtain walls; extend sewer services to prop. lines; 1-in. water main connections; grade; pave with 5-in. hyd. conc.

I St., bet. 39th and pt. 467.8 ft. east; const. conc. curb and gutter; 1-in. water main connections; grade; pave with 4-in. asph. conc. with seal coat.

Cert. check 10% payable to city req. Albert Givan, city engineer.

LOS ANGELES, Cal.—City attorney has given his opinion regarding advertising of contract on work for Sections 11, 12, 13 and 14 of west outfall, to serve the Sawtelle and West Los Angeles district. According to his decision, the board of public works may advertise for bids by resolution of the council authorizing it to do so. The resolution need not be advertised as would be necessary for an ordinance, and the board will be able to call for bids within a few days following the passage of such a resolution.

FORT MASON, Cal.—See "Government Work and Supplies," this issue.

SAN FRANCISCO—J. T. Tobin, 1857 O'Farrell St., at $1370.50 awarded cont by Bd. Pub. Wks. to sewer Griffith St. bet. Ingerson and Jamestown Ave., involv. 320 lin. ft. 8-in. and 59 lin. ft. 12-in. sewer; 2 br. manholes; 18 8-in. wye branches.

SAN FRANCISCO—Raisch Imp. Co., 46 Kearny St., at $4059.10 awarded cont. by Bd. Pub. Wks. to imp. Humboldt St., bet. Vermont and Kansas, involv. 400 lin. ft. conc. curb; 44 lin. ft. granite curb; 2 catchbasins; 275 sq. ft. art. stone walks; 2340 sq. ft. asph. conc. and 8400 sq. ft. conc. pavement.

City Const. Co., Call Bldg., at $216.25 awarded cont. to imp. Edinburg St., bet. Avalon and Excelsior, involv. 26 lin. ft. conc. curb and 500 sq. ft. asph. conc. pavement.

C. B. Eaton, 407 11th St., at $3443.10 awarded cont. to imp. Thomas Ave. from Ingalls Ave. to pt. 300 ft. west, involv. 4990 cu. yds. fill.

Fay Imp. Co., Phelan Bldg, at $7723.98 awarded cont. to imp. Goethe St., bet. San Jose and DeLong Aves., involv. 1280 cu. yds. cut; 262 cu. yds. fill; 1167 lin. ft. conc. curb and 17,510 sq. ft. asph. conc. pavement.

SANTA CRUZ, Santa Cruz Co., Cal.—City council, S. A. Evans, clerk, declares inten. to const. 8-in. vit. sewer with 36 4-in. wyes and 3 br. manholes in portions of Alta Ave. 1911 Act. Protests June 19. Jas. K. James, city eng.

SAN JOSE, Santa Clara Co., Cal.—A. J. Raisch, 46 Kearny St., San Francisco, awarded cont. by council to imp. 12th St., bet. Santa Clara and Julian; grade; pave with 1½-in. "Durite" asph. conc. surface on 3-in. "Durite" asph. conc. base; hyd. conc. walks and gutters; 1 br. catchbasin; 8-in. vit. pipe drains.

SAN DIEGO, Cal.—County supervisors vote to pave Adams Ave., 1⅛ mi. in Normal Hts. Pavement will consist of 1½-in. asph. surface on 5-in. conc. base which will rest on a 4-in. decomposed granite sub base.

SACRAMENTO, Cal—No bids received by State Treasurer for purchase of $5,000,000 worth of state highway bonds. New bids will be asked to be opened about June 12 when it is expected the bond market will be strengthened. The bonds bear 4½ per cent interest.

OAKLAND, Cal.—City Council, E. K. Sturgis, clerk, declares inten. to imp. Brush St., bet. 1st and 2nd; conc. curb and gutter; pave with asph. macadam; 2 br. catchbasins; 10-in. vit. pipe conduits. 1911 Act. Protests June 21. W. W. Harmon, city eng.

ANTIOCH, Contra Costa Co., Cal.—City trustees, J. E. McElheney, clerk, declare inten. to imp. 10th St., bet. L and G; grade; const. conc. curb and gutter; pave with 5-in. conc.; 8x24-in. half circle iron culverts. 1911 Act & Bond Act 1915.

SAN PABLO, Contra Costa Co., Cal.—San Pablo Sanitary Dist., R. V. March, secy., declares inten. to const. 6-in. vit. sewers in portions of 23rd St.; Willard Ave.; Alfreda Blvd.; 20th and California Sts.; also br. and conc. manholes with c. i. covers; vit. wye branches. 1911 Act. Protests June 14.

REDWOOD CITY, San Mateo Co., Cal.—Grant & Holt awarded cont. by Supervisors to const. retaining wall on Crystal Springs rd. near county hospital. Bid follows: Excavation, $1.50 cu. yd.; Class C conc. wall, in place, $10.75 cu. yd.; rein. conc. wall, $32.50 cu. yd; fill, $0.21 cu. yd. Bids of Nick Sisevich and Botman & Henrickson, rejected, not complying with specifications

LOS ANGELES, Cal.—B. D. Zaich, 220 W 56th St., awarded contr. by Br. Pub. Wks. at $11,250 const. sewer in Coringa Dr., bet. 52 and 51.

RED BLUFF, Tehama Co., Cal.—City Eng. W. F. Lunning has completed spec. for sewer extensions; est. cost, $24,000. Election will be called to vote bonds to finance. Automatic pumping plans will be installed.

SAN MATEO, San Mateo Co., Cal.—Until June 18, 8 P. M., bids will be rec. by E. W. Foster, City Clerk, to imp. portions of 1st, 2nd, 3rd and 4th Aves., E, F, G, H and I Sts., etc., grade; pave with 1½-in. asph. conc. surface on 4½-in. hyd. conc. base; driveway approaches paved with 5-in. hyd. conc.; const. hyd. conc. curbs; art stone walks; 6-in. vit. sewers with 4-in. vit. lateral sewers; br. manholes with c. i. covers; hyd. cons. catchbasins. 1911 Act and Bond Act 1915. Cert. check 10% payable to city req. G. Stanley Whitehead, City Eng.

SAN FRANCISCO — The Roman Catholic Archbishop of San Francisco has awarded a contract to the Fay Improvement Co., Phelan Bldg., at approx. $20,000 for grading streets, sidewalk and street work vitrified pipe sewers, etc., for a residence tract on the east side of Mission street south of Crescent avenue, known as St. Mary's College Tract. Punnett & Parez, 333 Kearny St., engineer.

VALLEJO, Solano Co., Cal.—City Eng T. D. Kilkenny making prel. surveys for highway on outskirts of Vallejo adjoining Sears Point highway to provide entrance to Marin county without necessity of going by way of Napa.

POMONA, Cal.—Until 2 p. m., July 3, bids will be received by City Clerk T. R. Trotter for purchase of bond issues as follows: $10,000 fire house bonds; $15,000 fire apparatus bonds, $100,000 sewer system improvement bonds.

RENO, Nevada Co., Cal. — Washoe County Commissioners appropriate $20,000 as county's share of cost to pave 3.71 mi. of highway bet. Reno and Lawton, the state highway commission to finance balance.

LONG BEACH, Cal.—City council orders imp. of Alamitos Ave., 2nd Pl., 3rd Pl., 8th Pl., 9th, 10th, 11th, 12th, 13th, 14th, 16th, 19th and 20th Pl., and portions of Ocean Blvd., by const. curb, walk and gutters; grade and pave with 4-in. asph. macad; 1911 Act. A. L. Ferver, public service director.

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Contracts Awarded

Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

$1,000 and Over Reported

The following is an index for the contracts for this issue.

No.	Owner	Contractor	Amt
2210	Moller	Moller	10000
2211	Smith	Meyer	12600
2212	Robb	Meyer	6000
2213	Quinn	Owner	8000
2214	Schirmer	Upham	8000
2215	Edmonds	Meyer	6000
2216	Hyland	Owner	2000
2217	Same	Same	2000
2218	Edwards	Meyer	6000
2219	Barry	Meyer	12000
2220	Schirley	Mager	1400
2221	Imehenetzky	Owner	20000
2222	Dorr	Owner	2000
2223	Heyman	Owner	2400
2224	Born	Born	1850
2225	Weissbein	Meyer	4000
2226	Crocker	Samuelson	41800
2227	Same	Same	16000
2228	Same	Same	8000
2229	Same	Same	27000
2230	National	Owner	70000
2231	Paradise	Novelty	1900
2232	Dyer	Cox	40000
2233	Connell	Owner	100000
2234	Zirker	Nelson	40000
2235	Gunn	Owner	1500
2236	Sheerin	Owner	2000
2237	Healy	Nielsen	1400
2238	Schell	Owner	8000
2239	Lynch	Hooper	1500
2240	Oneto	Fracchia	[illegible]
2241	Thompson	Owner	3500
2242	Carlson	Eldrup	11000
2243	Abrahams	Lyon	8000
2244	Tlenney	Remmers	1000
2245	Blair	Parker	8000
2246	Kauffman	Olson	3850
2247	Smith	Meyer	12660
2248	Spring Valley	Henderson	9134
2249	Levin	Owner	36000
2250	Cerrito	Owner	3000
2251	Wood	Owner	3000
2252	Dowling	Owner	3000
2253	Quigley	Nolan	4000
2254	Mergenthaler	Nilson	10790
2255	Miller	Spargo	79000
2256	Harter	Ahl	11000
2257	Voorhies	Owner	10000
2258	Sorbl	Owner	5500
2259	Brown	Barrett	3500
2260	Pietro	Owner	3000
2261	Reed	Owner	11750
2262	Parkside	Owner	4000
2263	Anderson	Boswall	2000
2264	McGranahan	De Lamoy	1180
2265	Universal	Fisher	7500
2266	Bergeson	Larson	9000
2267	Swacci	Owner	3000
2268	Frustuk	Owner	5500
2269	Keck	Coburn	1800
2270	Reilly	Owner	1000
2271	Bennison	Gold	5500
2272	Newsom	Owner	3000
2273	R C Archbishop	Bryant	25000
2274	Grant	Hansen	7000
2275	Hueter	Boxton	6000
2276	Aron	Midbust	6000
2277	Bissattinl	Volpsatti	2500
2278	Anderson	Anderson	6000
2279	Grant	Garin	7850
2280	Janssen	Owner	4000
2281	Same	Same	3500
2282	Same	Same	20850
2283	Smith	Owner	4000
2284	Hind	Owner	10000
2285	Chenoweth	Owner	1100
2286	Soule	Hauser	——
2287	Sass	Hertenstein	1391
2288	Zirker	Nelson	47000
2289	Onesti	De Favero	18000
2290	Pacific	Forbes	17940
2291	Hamill	Owner	4000
2292	McDonald	McDonald	14000
2293	Smith	Carlson	2850
2294	Hotel Plaza	Owner	5000
2295	Dove	Salmon	1000
2296	Snyder	Beyer	1000
2297	Union	Owner	2000
2298	Coustette	Owner	3000
2299	Yat Sun	Stevens	5000
2300	Watson	Owner	5000
2301	Johnson	Owner	2500
2302	Pettee	McCauley	4000
2303	Scheld	Mager	10450
2304	Schirmer	Upham	8840

RESIDENCE.

(2203) SE. ULLOA AND 29TH AVE., S. 50, E. 120. One-story and basement frame residence.
Owner—Mary Louise B. Nicholson.
Architect—Charles P. Strothoff, 2274 15th St., San Francisco.
Contractor—Wilson & Benson, 336 Ashton Ave., San Francisco.
Filed May 29, 1923. Dated May 26, 1923.

Frame up and enclosed	$2319.25
Brown coated	2319.25
Completed and accepted	2319.25
Usual 35 days	2319.25
TOTAL COST,	$9277

Bond, $4638.50; Sureties, Chas. Monson & Edwin T. Peterson; Forfeit, none; Limit, 90 days. Plans and specifications filed.

FRAME FLATS

(2210 E ELEVENTH AVE 75 N Clement. Two-story and basement frame (2) flats.
Owner—Margurite M. Moller, 572 Haight St., San Francisco.
Architect—Dodge A. Riedy, 850 Pacific Bldg., San Francisco.
Contractor—Fred Moller, 180 Jessie St., San Francisco. $10,000

ALTERATIONS

(2211) N FELL 137-6 W Gough. Raise roof and construct reinforced concrete floor for garage.
Owner—L. M. Smith et al, % Architect.
Architect—O'Brien Bros., Inc., 315 Montgomery St., San Francisco.
Contractor—Meyer Bros., 5326 Geary St., San Francisco. $12,600

DWELLINGS

(2212) E FORTY-SIXTH AVE 150 and 175 N Cabrillo. Two one-story and basement frame dwellings.
Owner—C. R. Robb, 757 7th Ave., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Meyer Bros., 5326 Geary St., San Francisco. $3000 each

DWELLINGS

(2213) S CLEMENT 40 and 65 E Fortieth Ave. Two one-story and basement frame dwellings.
Owner—A. and B. Quinn, 3666 17th St., San Francisco.
Architect—Ida F. McCain, 806 Jefferson Court, San Mateo. $4000 each

DWELLING

(2214) S GEARY 71 E Forty-fourth Ave. One-story and basement frame dwelling.
Owner—Geo. B. Schirmer, 800 Russ St., San Francisco.
Architect — Schirmer-Bugbee & Co., Thayer Bldg., Oakland.
Contractor — W. H. Upham, 478 35th Ave., San Francisco. $8000

DWELLINGS

(2215) E FORTY-SECOND AVE 50 & 75 S Balboa. Two one-story and basement frame dwellings.
Owner—J. W. Edmons, 5326 Geary St., San Francisco.

STOCKHOLDERS AUXILIARY CORP.

INSURANCE { FIRE
SURETY BONDS
CASUALTY

PHONE DOUGLAS 6000
550 MONTGOMERY ST.

Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Meyer Bros., 5326 Geary St., San Francisco. $3000 each

ALTERATIONS
(2216) SE DOLORES AND TWENTY-third. Remodel for flats.
Owner—J. Hyland, 23rd and Dolores Sts., San Francisco.
Architect—None. $2000

ALTERATIONS
(2217) E TWENTY-THIRD 65 S Dolores. Remodel flats.
Owner—J. Hyland, 23rd and Dolores Sts., San Francisco.
Architect—None. $2000

DWELLINGS
(2218) W FORTY-FIRST AVE 75 and 100 S Balboa. Two one-story and basement frame dwellings.
Owner—W. C. Edwards, 773 28th Ave., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Meyer Bros., 5326 Geary St., San Francisco. $3000 each

DWELLINGS
(2219) SW FORTY-FIRST AVE AND Anza.
W FORTY-FIRST AVE 25. 50 and 75 S Anza. Four one-story and basement frame dwelling.
Owner—W. H. Barry, 5326 Geary St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Meyer Bros., 5326 Geary St., San Francisco. $3000 each

REPAIRS
(2220) NO. 2736 TO 2758 FRANKLIN. Rebuild porches destroyed by fire.
Owner—M. Schirley, 2756 Franklin St., San Francisco.
Architect—None.
Contractor—Mager Bros., 1318 Valencia St., San Francisco. $1400

REMODEL
(2221) N HAIGHT 105 E Broderick, Two frame buildings to be remodeled for apartments.
Owner—V. U. Imchenetzky, 2966 Clay St., San Francisco.
Designer—A. Toluboff, 1915 Baker St., San Francisco. $20,000

DWELLING
(2222) S MAGELLAN 170 W Cortez. 1-story and basement frame dwlg.
Owner—A. D. Dorr, 650 9th Ave., San Francisco.
Architect—None. $2000

FLATS
(2223) E THIRTY-THIRD AVE 25 50 & 75 N Fulton. 3 2-story and basement (2 in each) flats.
Owner—Oscar Heyman & Brother, 742 Market St., San Francisco.
Architect—Alvin J. Stern, 742 Market St., San Francisco. $8000 each

RESIDENCE
(2224) E TWENTY-FIFTH AVE AT Presidio Wall. 1-story and basement frame residence.
Owner—S. A. Born, San Mateo.
Architect—None.
Contractor—S. A. Born Building Co., 660 Market St., S. F. $1850

SHOP
(2225) S GROVE 182-6½ W Polk. 1-story class C shop.
Owner—Jacob Weissbein, Hobart Bldg. San Francisco.
Contractor H. C. Baumann & Edw. Jose, 251 Kearny St., S. F.
Contractor—Meyer Bros., 5326 Geary St San Francisco. $4000

DWELLINGS
(2226) E CORDOVA 66.67 N Vista Way
E WINDING WAY 68.99 & 102.32 S Hill Blvd.
W MOSCOW 165.6 190.6 215.6 240.5 and 265.6 N Geneva
E PRAGUE 48.47 S Rolph
N ROLPH 75.77 W Naples
SE ROLPH AND PRAGUE STS. 11 1-story and basement frame dwlgs.
Owner—Crocker Estate Co., 525 Crocker Bldg., San Francisco.
Architect—None.
Contractor—A. M. Samuelson 290 Rolph St., San Francisco $3800 each

DWELLINGS
(2227) S GENEVA 230 S Athens
N GENEVA 25.35 W Lisbon
N GENEVA 25.35 W Madrid
NW MUNICH AND ROLPH STS. 4 1-story and basement frame dwlgs.
Owner—Crocker Estate Co., 525 Crocker Bldg., San Francisco.
Architect—None.
Contractor—A. M. Samuelson 290 Rolph St., San Francisco. $4000 each

DWELLINGS
(2208) N CHENERY 25.01 & 50 01 E Lippard. 2 2-story and basement frame dwellings.
Owner—Crocker Estate Co., 525 Crocker St., San Francisco.
Architect—None.
Contractor—A. M. Samuelson 290 Rolph St., San Francisco. $4000 each

DWELLINGS
(2229) E CURTIS 748.16 S Rolph
S ROLPH 100 E Prague
E WHEELER 239 & 271 N Bay Shore Ave.
E CONGO 185.77 & 210.77 S Stillings
W CONGO 130 & 155 S Stillings
W CURTIS 150.76 N Morse 9 1-story and basement frame dwellings.
Owner—Crocker Estate Co., 525 Crocker Bldg., San Francisco.
Architect—None.
Contractor—A. M. Samuelson 290 Rolph St., San Francisco. $3000 each

SERVICE BLDG.
(2230) E GUERRERO 130 N Sixteenth One-story concrete service building
Owner — National Ice Cream Co., 366 Guerrero St., San Francisco.
Engineer—Albert J. Mazurette, S. F. $70,000

MARQUISE
(2231) NO. 136 TURK. Erect marquise (3 sided).
Owner—Paradise Inn, Premises.
Architect—None.
Contractor—Novelty Electric Sign Co., 435 Turk St., San Francisco. $1900

APARTMENTS
(2232) NE HAIGHT AND WEBSTER. Three-story and basement frame (12) apartments.
Owner—E. C. Dyer, 506 Haight St., San Francisco.
Architect—None.
Contractor—Cox Bros., 1309 9th Ave., San Francisco. $40,000

APARTMENTS
(2233) NE SUTTER AND LARKIN. Six-story and basement reinforced concrete (38) apartments and stores.
Owner—I. E. Connell and Peter Bradley, 180 Jessie St., San Francisco.
Architect—E. H. Denke, 1317 Hyde St., San Francisco. $100,000

APARTMENTS
(2234) SW FRANKLIN AND WASHington. Three-story and basement frame (12) apartments.
Owner—Zirker Bros., 561 Kearny St., San Francisco.
Architect—W. C. Mahoney, 892 Union St., San Francisco.
Contractor—E. K. Nelson, 77 O'Farrell St., San Francisco. $40,000

DWELLING
(2235) NO. 27 FIFTH AVE. Construct bay windows in dwelling; remove 2 fireplaces.
Owner—G. M. Gunn, Premises.
Architect—None. $1500

ALTERATIONS
(2236) NO. 700 ELEVENTH AVE. Remodel for (2) flats.
Owner—Mr. and Mrs. Frank Scheerin, Premises.
Architect—None. $2000

ALTERATIONS
(2237) NO. 987 HAIGHT. General alterations and repairs for (6) apartments.
Owner—J. Healy, 987 Haight St., San Francisco.
Architect—None.
Contractor—F. & J. Nielsen Bros., 2350 Bryant St., San Francisco. $1400

MFG. PLANT.
(2238) W ELEVENTH 37-9 N Kissling One-story brick light manufacturing plant.
Owner—Samuel Schell, 180 Jessie St., San Francisco.
Architect—None. $8000

ADDITION
(2239) NO. 934 DIAMOND. Addition of 2 rooms for flats.
Owner—T. Lynch, 934 Diamond St., San Francisco.
Architect—None.
Contractor—J. M. Hooper, 33 Guerrero St., San Francisco. $1500

ALTERATIONS
(2240) SW FIFTEENTH AND NOE. Remodel dwelling for (2) flats.
Owner—G. Oneto, 36 Cunningham Pl., San Francisco.
Architect—Louis Mastropasqua, 680 Washington St., San Francisco.
Contractor—Fracchia & Rosina, 36 Cunningham Place., San Francisco. $3000

DWELLING
(2241) E TWENTY-SIXTH AVE 190 N Ulloa. One-story and basement frame dwelling.
Owner—William Thompson, 732 Taraval St., San Francisco.
Architect—None. $3500

FRAME FLATS
(2242) W GUERRERO 81 S Twenty-seventh. Two-story and basement frame (2) flats.
Owner—C. J. Carlson, 1567 Sanchez St., San Francisco.
Designer—P. C. Fisher, 721 19th Ave., San Francisco.
Contractor—John Eldrup and C. Numanson, 3723 Market St., San Francisco. $11,000

FRAME FLATS
(2243) W SECOND AVE 225 N Clement. Two-story and basement frame (2) flats.
Owner—Mrs. R. Abrahams.
Designer—Henry Lyon, 2416 Pine St., San Francisco.
Contractor—Henry Lyon, 2416 Pine St., San Francisco. $8000

ALTERATIONS
(2244) NO. 1319 GUERRERO. Remove partitions in flats and rearrange bath rooms.
Owner—Martin J. Tirrney, Premises.
Architect—None.
Contractor—W. Remmers, 2762 Ellington Ave., San Francisco. $1000

DWELLINGS
(2245) S MAGELLAN 40 and 120 E Twelfth. Two one-story and basement frame dwellings.
Owner—H. R. Blair, 65 Shoreview Ave., San Francisco.
Architect—Harold G. Stoner, First National Bank Bldg., San Francisco.
Contractor—C. F. Parker, 16 Merced Ave., San Francisco. $4000 each

ALTERATIONS
(2246) SW PAGE AND LAGUNA. All work for alterations and additions for modern store.
Owner—Clemence Kauffman, 1650 Jackson St., San Francisco.
Architect—None.
Contractor—Olson & Persson, 289 Fell St., San Francisco.
Filed June 1, '23. Dated May 31, '23.
Excavation done and plumbing roughed in $1000
Completed and accepted..... 1850
Usual 35 days..... 1000
TOTAL COST, $3850
Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.
NOTE—Permit reported May 9, 1923, No. 1874.

ALTERATIONS
(2247) N FELL 167-6 W Gough W 52-6xN 120. All work for alterations to building.
Owner—L. M. and W. H. Smith, % Architect.
Architect—O'Brien Bros., 315 Montgomery St., San Francisco.
Contractor — Meyer Bros., 5326 Geary St., San Francisco.
Filed June 1, '23. Dated May 29, '23.
Roof raised and 2nd floor forms in position $2373.75
2nd floor poured..... 2373.75
Brick work done to truss level 2373.75
Completed and accepted..... 2373.75
Usual 35 days..... 3165.00
TOTAL COST, $12,660.00

Bond, $6330. Sureties, Mrs. Anna Meyer and Theodore G. Meyer. Limit, 60 days after June 1, 1923. Forfeit, none. Plans and specifications filed.

BUILDING
(2248) NW MASON AND DERBY N 60 xW 77-6. Rough and finish carpentry and iron work for building.
Owner—Spring Valley Water Works, 375 Sutter St., San Francisco.
Architect—Willis Polk & Co., Hobart Bldg., San Francisco.
Contractor—W. D. Henderson, Monadnock Bldg., San Francisco.
Filed June 1, '23. Dated May 22, '23.
On 15th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $9134
Bond, $4600. Surety, Hartford Accident & Indemnity Co. Limit, July 7, 1923. Forfeit, $10. Plans and specifications filed.

APARTMENTS
(2249) N JACKSON 55 W Laguna. Three-story and basement frame (3) apartments.
Owner—M. E. Levin, 802 Humboldt Bank Bldg., San Francisco.
Architect—C. A. Muessdorffer, 802 Humboldt Bank Bldg., San Francisco. $36,000

DWELLING
(2250) W PIERCE 100 N Chestnut. One-story and basement frame dwelling.
Owner—E. Cerrito, % Architect.
Architect—D. C. Coleman, 1141 Market St., San Francisco. $3000

DWELLING
(2251) W TWENTY-EIGHTH AVE 175 N Taraval One-story and basement frame dwelling.
Owner—N. L. Wood, 2635 25th Ave., San Francisco.
Architect—J. W. Gillogley, 726 San Jose Ave., San Francisco. $3000

DWELLING
(2252) W THIRTY-THIRD AVE 93 S Cabrillo. One-story and basement frame dwelling.
Owner—J. F. Dowling, 271 Russ Bldg., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. $3000

DWELLING
(2253) W EIGHTEENTH AVE 150 N Judah. One-story and basement frame dwelling.
Owner—T. D. Quigley and W. P. Nolan 1599 8th Ave., San Francisco.
Architect—None.
Contractor—W. P. Nolan, 1599 8th Ave., San Francisco. $4000

ALTERATIONS & ADDITIONS
(2254) N SACRAMENTO 130-6 W Montgomery N 119-6 W 22-11½ S 59-8 E 5-in. S 59-10 E 22-6¾. Alterations and additions to bldg. 3-sto. and basement class A bldg.
Owner — Mergenthaler Linotype Co., premises.
Architect—A. A. Cantin, Foxcroft Bldg. San Francisco.
Contractor—Chas. H. Nilson, 180 Jessie St., San Francisco.
Filed June 2, 1923. Dated June 2, 1923.
1st and 15th each month.....75%
Usual 35 days 25%
TOTAL COST, $10,790
Bond, $5395; Sureties, G. T. Petteraen, G. E. Sibley; Forfeit, $10; Limit, 25 days; Plans and specifications filed.

BUILDING
(2255) E LYON 110-0¼ S Lombard S 53-11¾ E 112-6¾ N 26-4⅝ W 9-2½ N 27-6⅞ W 102. All work except gas heaters, hot water heaters, lighting fixtures and shades for 3-story and basement frame bldg.
Owner—Martin N. & Bessie Miller, % architect.
Architect—Mel I. Schwartz, Nevada Bk. Bldg., San Francisco.
Contractor—John Spargo, Russ Bldg., San Francisco.
Filed June 2, 1923. Dated May 22, 1923.
2nd floor joists set $5000
Roof boards on 5000
Brown coated 5000
Completed and accepted 5250
Usual 35 days 6750
TOTAL COST, $27,000
Bond, $13,500; sureties, Theodore De Pass and Thos. H. Price. Forfeit, none; Limit, 120 days; Plans and specifications filed.

FAME FLATS
(2256) N GEARY 132 W Parker Ave. Two-story and basement frame (2) flats.
Owner—T. D. Harter, 77 O'Farrell St., San Francisco.
Architect—None.
Contractor—G. E. Ahl, 2127 Market St., San Francisco. $11,000

APARTMENTS
(2257) NW FULTON AND LOYOLA Terrace. Two-storw and basement frame (8) apartments.
Owner—W. R. Voorhies, 12 Loyola Terrace, San Francisco.
Architect—None. $10,000

DWELLINGS
(2258) N RUSSIA 50 AND 75 W Naples Two one-story and basement frame dwellings.
Owner—A. Sorbi, Premises.
Architect—L. Traverso, 854 Union St., San Francisco. $2750 each

STORE
(2259) S NATOMA 387-6 W Fifth. One-story and mezzanine floor concrete store.
Owner—Ralph Brown, 948 Howard St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco. $3500

DWELLING
(2260) N MAYNARD 125 W Congdon. One-story and basement frame dwelling.
Owner—Charles Pietro, 532 Lombard St., San Francisco.
Architect—None. $3000

APARTMENTS
((2261) W EIGHTH AVE 100 N Kirkham. Two-story and basement frame (4) apartments
Owner—F. Carroll Reed, 683 7th Ave., San Francisco.
Plans by Owner. $11,750

DWELLING
(2262) E THIRTY-FIFTH AVE 250 S Taraval. One-story and basement frame dwelling.
Owner—Parkside Realty Co., 617 Crocker Bldg., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. $4000

ADDITION
(2263) S GEARY 45 E Fifth Ave. Addition of 2 bedrooms to dwelling and make general alterations.
Owner—M. G. Anderson, 32 Clement St., San Francisco.
Architect—None.
Contractor—W. C. Boswall, 2764 McAllister St., San Francisco. $2000

ALTERATIONS
(2264) SW EIGHTEENTH & CASTRO. Remodel store front; patch interior plastering, etc.
Owner — Dr. Jas. McCranahan, 501 Castro St., San Francisco.
Architect—None.
Contractor—De Lamoy & Mutch, 2060 Market St., S. F. $1180

ALTERATIONS
(2265) NO. 936 MARKET. Repair marquise; construct auditorium floor; repair roof; redecorate and refurnish theatre.

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Owner—Universal Film Exchange, Inc., 221 Golden Gate Ave., S. F.
Architect—None.
Contractor—M. M. Fisher, 711 Mission St., San Francisco. $7500

FRAME FLATS
(2266) S FORD 100 W Sanchez. Two-story and basement frame (2) flats.
Owner—Martin Bergeson, 148 Saturn St., San Francisco.
Architect—J. C. Hlaik, Monadnock Bldg., San Francisco.
Contractor—Axel R. Larson, 246 Delano Ave., San Francisco. $9000

FRAME FLATS
(2267) E THODGER ALLEY 50-6 N Vallejo. Two-story and basement frame (2) flats.
Owner—A. Swacci, 372 Vallejo St., San Francisco.
Architect—None. $3000

FRAME FLATS
(2268) N ANZA 28-6 E Twentieth Ave Two-story and basement frame flats.
Owner—John Frutstuk, 905 Irving St., San Francisco.
Plans by Owner. $5500

REPAIRS
(2269) NO. 246-260 EIGHTH. Repair fire damage to dyeing and cleaning plant.
Owner—Dr. F. C. Keck, Olympic Club, San Francisco.
Architect—None.
Contractor—Chas. E. Coburn, 180 Jessie St., San Francisco. $1800

ALTERATIONS
(2270) N TWENTY-EIGHTH 100 W Dolores. Underpin residence; raise and remodel for basement garage; concrete foundation and cement flooring.
Owner—F. J. Reilly, 752 4th Ave., S. F.
Architect—None. $1000

ADDITIONS
(2271) NO. 562 EIGHTH AVE. Raise dwelling 2 ft. and make additions
Owner—W. S. Bennison, Premises.
Plans by Owner.
Contractor—Francis Gold, 174 Perry St., Oakland. $5500

DWELLING
(2272) W TIFFANY AVE 425 S Duncan. One-story and basement frame dwelling.
Owner—W. A. Newsom, % Bank of Italy, San Francisco.
Architect—A. G. Rizzoli, 2897 Folsom St., San Francisco. $3000

RESIDENCE
(2273) N BALBOA 70 E Fortieth Ave. Two-story basement and attic frame residence.
Owner—Roman Catholic Archbishop of San Francisco ,1100 Franklin St., San Francisco.
Architect—Albert M. Cauldwell, 251 Kearny St., San Francisco.
Contractor—J. A. Bryant, 185 Stevenson St., San Francisco. $25,000

DWELLING
(2274) S HOLLOWAY 87-6 E Ashton Ave. One-story and basement frame dwelling.
Owner—F. E. Grant, 20 Joy St., S. F.
Architect—Ida F. McCain and Geo. H. Skidmore, 318 Kearny St., S. F.
Contractor—H. E. Hansen, 180 Jessie St., San Francisco. $7000

DWELLING
(2275) W SANTA CLARA AVE 115 N Darien Way. One-story and basement frame dwelling.
Owner—O. M. Hueter, 805 Flatiron Bldg., San Francisco.
Architect—Harold G. Stoner, First National Bank Bldg., San Francisco.
Contractor—Boxton & Zwieg, 809 Flatiron Bldg., San Francisco. $6000

FRAME FLATS
(2276) W FIFTEENTH AVE 100 N Geary. Two-story and basement frame (2) flats.
Owner—M. E. Aron, 1530 Anza St., San Francisco.
Architect—None.
Contractor—P. Midbuat, 177 Caselli Ave., San Francisco. $6000

DWELLING
(2277) S ELLERT 100 W Andover. One-story and basement frame dwelling.
Owner—L. Bissattini, 127½ Ellert St., San Francisco.
Architect—None.
Contractor—G. D. Volpsatti, 301 Nevada St., San Francisco. $2500

DWELLINGS
(2278) E TWENTIETH AVE 25 and 50 N Kirkham. Two one-story and basements frame dwellings.
Owner, Anderson Bros., 1264 Noe St., San Francisco.
Architect—None.
Contractor—Anderson Bros, 1264 Noe St., San Francisco. $3000 ea

DWELLING
(2279) S VENTURA —— E Lenares. One-story and basement frame dwelling.
Owner—G. Grant, 1982 Fulton St., San Francisco.
Architect—None.
Contractor—E. A. Garin, 1982 Fulton St, San Francisco. $7850

DWELLING
(2280) S LINCOLN WAY 32-6 E Eighth Ave. One-story and basement frame dwelling.
Owner—E. A. Janssen, 402 Hearst Bldg. San Francisco.
Architect—None. $4000

DWELLING
(2281) S CABRILLO 82-6 W Eighteenth Ave. 1-story and basement frame dwelling.
Owner—E. A. Janssen, 402 Hearst Bldg. San Francisco.
Architect—None. $3500

FLATS
(2282) E TWENTIETH AVE 250 and 275 N Balboa.
N CALIFORNIA 55-3½ E Second Ave. Three two-story and basement frame buildings (2 flats each)
Owner—E. A. Janssen, 402 Hearst Bldg. San Francisco.
Architect—None. $6950 each

DWELLING
(2283) E FIFTEENTH AVE 100 N Judah. One-story and basement frame dwelling.
Owner—Byrd O. Smith, 718 Shrader St., San Francisco.
Architect—None. $4000

RESIDENCES
(2284) S CHESTNUT 81-3 and 106-3 E Octavia. Two two-story and basement frame residences.
Owner—A. E. Hind, % Architect.
Architect—W. G. Hind, 711 Hearst Bldg., San Francisco. $5000 each

GARAGE
(2285) S BUSH 127-6 E Steiner One-story frame private garage.
Owner—F. Byron Chenoweth, 2020 Fillmore St., San Francisco.
Architect—None. $1100

WAREHOUSE
(2286) NW MISSISSIPPI & ARMY W 760 x N 400. Excavating and filling for warehouse.
Owner—Edw L. Soule Co., Rialto Bldg., San Francisco.
Plans by owner.
Contractor—W. H. Hauser, 351 12th St., Oakland.
Filed June 5, 1923. Dated June 4, 1923.
Every Friday 75%
Usual 35 days 25%
TOTAL COST, $——
55c per cubic yard
Bond, $8000; Sureties, American Indemnity Co.; Forfeit, $10; Limit, 60 days; Plans and specifications filed.

ALTERATIONS
(2287) NW BRYANT & SIXTEENTH No. 1698 Bryant. All work except plumbing, painting, electric work and light fixtures for alterations to building.
Owner—J. Sass, 1686 Bryant St., S. F.
Architect—E. A. Neumarkel 544 Market St., San Francisco.
Contractor — H. A. Hertenstein, 309 Florida St., San Francisco.
Filed June 5, 1923. Dated June 4, 1923.
Framing done, plastering completed and glass set.....$500.00
Completed and accepted 543.25
Usual 35 days 348.00
TOTAL COST, $1391.25
Bond, $700; Sureties, C. N. Wolfe, G. Oehlmav; Forfeit, none; Limit, 25 days; Plans and specifications filed.

APARTMENTS
(2288) SE FRANKLIN & WASHINGTON S 49-8¼ x E 137-6. All work for 3-story frame apartment building.
Owner—Zirker Bros., 561 Kearny St., San Francisco.
Architect—W. O. Mahoney, 892 Union St., San Francisco.
Contractor—E. K. Nelson, 77 O'Farrell St., San Francisco.
Filed June 5, 1923. Dated May 31, 1923.
1st floor joists set $8812
Ready for lath & plaster..... 8812
Plastering completed and mill work delivered 8812
Completed and accepted 8814
Usual 35 days 11,750
TOTAL COST, $47,000
Bond, $23,500; Sureties, R. J. Williams; E. A. Anderson; Forfeit, $20; Limit, 120 days; Plans and specifications filed.

ALTERATIONS
(2289) NO. 613 GREEN. Present 4-story brick building to be remodeled for motion picture theatre, halls and club rooms.
Owner — John Onesti, 645 Broadway, San Francisco.
Architect—L. Mastropasqua, 580 Washington St., San Francisco.
Contractor—J. Del Favero, 180 Jessie St., San Francisco. $18,000

SHOPS
(2290) BLK BDED BY OCEAN, FAXON and Ashton Aves. (Homewood Terrace). Two-story concrete technical shops.
Owner—Pacific Hebrew Orphan Asylum & Home Society, Premises.
Architect—Alfred Henry Jacobs, 110 Sutter St., San Francisco.
Contractor — R. J. H. Forbes, Monadnock Bldg., S. F. $17,940

DWELLING
(2291) W FORTY-SECOND AVE 75 N Balboa. One and one-half-story and basement frame dwelling.
Owner—Thos. Hamill, 6140 Geary St., San Francisco.
Architect—None. $4000

FRAME FLATS
(2292) W TWENTY-EIGHTH AVE 200 and 225 N Clement. Two two-story and basement frame (2 in each) flats.
Owner—Richard McDonald, 1049 Treat Ave., San Francisco.
Architect—None.
Contractor — Patrick McDonald, 1049 Treat Ave., S. F. $7000 each

DWELLING
(2293) W GRANADA 300 N Lakeview Ave. One-story and basement frame dwelling.
Owner—Leslie A. Smith, 463 Faxon Av., San Francisco.
Architect—None.
Contractor—Gus Carlson, 33 Pond St., San Francisco. $2850

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ALTERATIONS
(2294) NW POST AND STOCKTON. Erect partitions and install private baths.
Owner—Hotel Plaza Co., Premises.
Architect—None. $5000

REPAIRS
(2295) NO. 3148 SAN BRUNO AVE. Repair fire damage to dwelling.
Owner—W. Dove and Bay View Bldg. & Loan co., 3148 San Bruno Ave., San Francisco.
Architect—None.
Contractor—L. Salomon, 1430 Ellis St., San Francisco. $1000

ALTERATIONS
(2296) NO 995 ELLIS. Install show windows, doors and erect partitions
Owner—C. Snyder and W. Saicotos, 993 Ellis St., San Francisco.
Architect—None.
Contractor—Louis Beyer, 844 Baker St., San Francisco. $1000

STATION
(2297) NE CASTRO AND MARKET. One-story steel supply station.
Owner — Union Oil Co. of California, 247 Mills Bldg., San Francisco.
Plans by owner. $2000

ALTERATIONS
(2298) W SCOTT 100 N Lombard. Raise frame building and remodel for apartments.
Owner—H. P. Coustette, 3227 Scott St., San Francisco.
Architect—Evans & Co., 359 Pacific Bldg., San Francisco. $3000

ALTERATIONS
(2299) E GRANT AVE 100 S Washington No. 830. Alter store.
Owner—Yat Sun Co., Premises.
Architect—Chas. E. J. Rogers, Phelan Bldg., San Francisco.
Contractor—W. J. Stevens, 180 Jessie St., San Francisco. $5000

FLATS.
(2300) W. 20TH AVE., 275 N. Fulton. Two-story and basement frame (2) flats.
Owner—G. E. Watson, 280 17th Ave., San Francisco.
Architect—None. $5000

DWELLING.
(2301) E. ANDERSON, 75 N Ogden. One-story and basement frame dwelling.
Owner—Gus Johnson, 3870 22nd St., San Francisco.
Architect—None. $2500

RESIDENCE
(2302) E FORTY-FOURTH AVE 100 N Kirkham N 50xE 120. All work for one-story and basement frame residence.
Owner—Clara M. Pettee, 376 Sutter St., San Francisco.
Architect—Griewank & Buckley, Call Bldg., San Francisco.
Contractor—McCauley & Weber, 247 Granada Ave., San Francisco.
Filed June 6, '23. Dated May —, '23.
Enclosed $1000
Plastering completed 1000
Building completed 1000
Usual 35 days..... 1000
TOTAL COST, $4000
Bond, $1750. Sureties, McCauley & Weber, $700 cash deposited with Citizens Building & Loan Assn. Limit, 90 days. Forfeit, $1.50. Plans and specifications filed.

FRAME BLDG.
(2303) W MISSION 50 S Norton W 100 xS 50. All work for two-story frame building.
Owner—Jos. A. and Bernadine Scheid, 4610 Mission St., San Francisco.
Architect—John J. Foley, 770 5th Ave., San Francisco.
Contractor—Mager Bros., 1318 Valencia St., San Francisco.
Filed June 6, '23. Dated May 24, '23.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $10,450
Bond, $5225. Sureties, Severein Mager and Antone Baumann. Limit, 60 days. Forfeit, none. Plans and specifications filed.

RESIDENCE
(2304) S GEARY 72-6 Forty-fourth Ave. All work for one-story and basement residence.
Owner—Geo. B. Schirmer

Architect — Schirmer Bugbee & Co., Thayer Bldg., Oakland.
Contractor—W. H. Upham, 478 35th Ave., San Francisco.
Filed June 6, '23. Dated May 24, '23. Frame up and roof sheathed...$2210
Finish coat plaster on and rustic on exterior 2210
Completed and accepted..... 2210
Usual 35 days..... 2210
TOTAL COST, $8840
Bond, $4400. Sureties, H. W. Gaetjen and J. H. McCallum. Limit, 100 days. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Amount

May 31, 1923—N CARL 100, 125 and 150 W from Willard W from each of said points 25x137-6. Thos Hamill to whom it may concern.. .....May 21, 1923
May 31, 1923—NW SACRAMENTO & Embarcadero No. 6 Sacramento and No. 9-11 Embarcadero. Maurice Bernstein to Thos Skelly..... .....May 29, 1923
May 31, 1923—SW FILTON AND Clayton S 25xW 106-3. Howard J Sand to whom it may concern....—
May 31, 1923—W TWENTY-SIXTH Ave 255 S Geary 30x120. J C Kirby to whom it may concern..May 31, '23
May 31, 1923—NE JUDAH & FIFteenth Ave N 25xE 100; N Judah 100 E 15th Ave E 27-6xN 100. John E and Ethel M McCarthy to whom it may concern.....May 25, 1923
May 31, 1923—NE COURTLAND AVE and Folsom 24x100. C Migliozzi to whom it may concern...May 26, 1923
May 31, 1923—W FIFTEENTH AVE 125 S Judah 25x127-6. D W Ross to whom it may concern..May 31, '23
May 31, 1923—SW 31.67 LOT 8 and NE 5.83 Lot 9 Blk 2, Forest Hill. Arthur D Dorr to whom it may concern.....June 1, 1923
June 1, 1923—E LYON 30 S Union S 32xE 41-9. Mary Donahue to Paul De Martini.....May 23, 1923
June 1, 1923—S LINCOLN WAY 27-6 W Fifteenth Ave 75x100. E Ellingson to whom it may concern.... .....June 1, 1923
June 1, 1923—LOTS 2, 3, 4 AND 5 Blk 3108, Westwood Park. Hans & Esther E Nelson to whom it may concern.....May 29, 1923
June 1, 1923—N WASHINGTON 59 W Fillmore 25-6 on Washington by 102. Chas J U Koenig to whom it may concern.....June 1, 1923
June 1, 1923—N LAKE 120 E Fifth Ave N 704-4½ E 393-3 S 780-6 W 342-2. Little Sisters of the Poor of S. F. to E J Hampton, Hampton Electric & Mfg Co....May 25, 1923
June 2, 1923—S STAPLES AVE 225 W Genessee W 25 x S 100. Bertha S. Shannon to Fred Isaacson..... .....June 2, 1923
June 2, 1923—W DOLORES 30-6 S 14-6 x 100. Louis & Elise Laubscher to Wm. C. Irome, Scott Co., Arnold Wehrli, Wedel Electric Co..... .....June 1, 1923
June 2, 1923—N ALLSTON WAY 100 E Claremont Blvd. 30 x 100. Wm. L. Terry to whom it may concern... .....June 2, 1923
June 2, 1923—W SHRADER 145 120 & 195 S Parnassus Ave 25x100. John J. Binet to whom it may concern.. .....June 2, 1923
June 2, 1923—W Shrader 170 Parnassus Ave. 25x100. John J. Binet to whom it may concern.....
June 2, 1923—N HOWARD & MARY NE 47-6 x NW 160. Laurence A. Myers to O. W. Britt...June 1, 1923
June 2, 1923—2591 CALIFORNIA ST. Sophie Hoffman to George M. Merritt Bldg. Co.....May 26, 1923
June 2, 1923—W 18TH AVE. 300 N Cabrillo N 25 x 120. F. A. Gawthorne to whom it may concern.. .....May 23, 1923
June 2, 1923—S GEARY 150-6 W Scott W 58 x S 137-6. Jos. & Anna K. Pasqualetti .....June 1, 1923
June 4, 1923—E TWENTY-THIRD Ave 125 S Geary S 25xE 120. Klaus and Rose Adler to whom it may concern.....June 4, 1923
June 4, 1923—LOTS 9, 10 AND 11 McLaughlin Sub. W. R. Voorhies to whom it may concern.June 2, 1923
June 4, 1923—LOT 22 BLK 5. Hds on University Survey. John Stanley to whom it may concern.June 4, 1923
June 4, 1923 S GREENWICH 162-8 E Webster E 36xS 120. Nello Giorgi to W E Grant.....June 2, 1923
June 4, 1923—N BUSH 135-6 W Mason W 30xN 137-6. Bertha Basye to Richmond Spencer, Ginsberg Tile Co and J K Stewart....May 28, 1923
June 4, 1923—SE MARKET 374 SW Seventh SW 44xSE 165. A F Rousseau and Marian Realty Co to whom it may concern..May 21, 1923
June 3, 1923—LOTS 4 and 23 BLK "I" Mission Terrace. Walter E Hansen to whom it may concern.June 1, 1923
June 4, 1923—SW VALENCIA AND Eighteenth. Associated Oil Co to Geo Wolf.....May 29, 1923
June 4, 1923—E TWENTY-SEVENTH Ave 242 N Cabrillo N 25xE 120. Mrs Malwine Harmuth to John V Stiefel.....June 1, 1923
June 4, 1923—LOT 19 BLK 1, Fairs Sub Holly Park Tract. S Covel to whom it may concern...May 26, 1923
June 5, 1923—E THIRTY-FOURTH Ave 200 N Fulton N 25x120. J B Hassett to whom it may concern .....June 4, 1923
June 5, 1923—E TWENTIETH AVE 151 S Judah S 75xE 120. John A Pereira to whom it may concern .....June 2, 1923
June 5, 1923—N PACIFIC 137-6 E Buchanan E 31-6 N 127-8½. Mrs. Hugh M Johns to Walters & Grove .....June 5, 1923
June 5, 1923—SE FOLSOM 137-6 NE Third SE 100xNE 30. Walter H Sullivan, Inc to Yukicevich & Bagge.....June 1, 1923
June 5, 1923—PPTY EDED BY Twenty-eighth Ave, Thirtieth Ave, Vicente and Wawona Sts. Parkside Realty Co of S. F. to Pacific States Constr Co.....June 5, 1923
June 6, 1923—E TWENTY-FOURTH Ave 140 S Ulloa S 25x120. Charles J Thompson to whom it may concern.....June 6, 1923
June 6, 1923—SW GOLDEN GATE Ave and Taylor W 152-5 S 53-9½ S 46-5¾ m or l NE 154-5½ N 1-3. City Investment Co to Ehlers & Smith .....June 6, 1923
June 6, 1923—SE LISBON 125 SE Italy SW 25xSE 100 Ptn Lot 2 Blk 34 Excl Bd Assn. Patrick Horgan to whom it may concern.June 6, 1923

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Amount

June 1, 1923—E TWENTY-SEVENTH Ave 175 N Geary N 25 E 127-7, SE 25-1¾ W 130-2¼. T I Butler vs Carl A Schneider.....$145.40
June 1, 1923—NW NINETEENTH & Clover Lane — 92 W 25 S to 19th th to beg. McKinley Patsel vs Jas C and Fannie E Gibson $70
June 1, 1923—N NINETEENTH 50 W Clover Lane N to S line Thorp Lane W 25 S to 19th E to beg. McKinley Patsel vs Jas C and Fannie E Gibson $70
June 1, 1923—N NINETEENTH 25 W Clover Lane N to S Thorp Lane W 25 S to 19th E to beg. McKinley Patsel vs Jas C and Fannie E Gibson $70
June 4, 1923—E TWENTIETH AVE 325 N Geary N 25xE 120. George Rehn vs Josephine F and L A Melbourne $120
June 4, 1923—SW GEARY AND Eighteenth Ave W 32-6xS 100. Michel & Pfeffer Iron Works vs Oscar Tobriner and W L Hemminga $95.35
June 5, 1923—W LEAVENWORTH 137-6 N Turk N 27-6xW 137-6. Lawrence Williamson vs Alexander Rubenstein and George Allin.$73
June 6, 1923—E NINTH AVE 50 N Judah N 50xE 95. W P Fuller & Co vs J C & Florence Gibson.$215.55

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded Amount

May 31, 1923—E FORTY-EIGHTH Ave 250 S Taraval S 75xE 120. Richard E Cumberland to Florence Dale and Harry L Dale.....$216
June 1, 1923—LOT 10 BLK 3135. Westwood Park No. 110 Greenwood Ave. Atlas Heating & Ventilating Co to Geo S and Carmelita N Lane $10
June 2, 1923—S HILL 25 W VALENcia. The Greater City Lumber Co. vs. Jas. Landini $1012.65
June 4, 1923—E COLE 137-6 N Carl N 25xE 130-7½. M H Gnecco to Katherine Brown.....$190

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

May 31, 1923—LOT 14 BLK 16, Crocker Amazon Tract. O E Hennian as to improvements on property.....

CANCELLATION OF BUILDING CONTRACT

SAN FRANCISCO COUNTY

June 5, 1923—SW ST. FRANCIS BLVD and San Benito Way. Jose Exnicios with Moore & Madsen, Cenaral Electric Co, Frank J Klimm, Scott Co. of S. F. and Johnson & Co. Cancelled, June 1, 1923.

BUILDING CONTRACTS

ALAMEDA COUNTY

$1,0000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
2583	Friedman	Anderson	2000
2584	Hammarberg	Owner	4000
2585	Legris	Owner	3000
2586	Miller	Owner	1500
2587	Bjork	Owner	3000
2588	Deleat	McCarter	3650
2589	Davidson	McCausland	4500
2590	Johnson	Owner	2500
2591	Soanes	Ower	2000
2592	Ronald	Owner	3000
2593	Bancroft	Constable	3250
2594	Jurns	Malick	3172
2595	Arlberg	Owner	3000
2596	Peppin	Owner	4500
2597	Stirton	Gastman	——
2598	First M. M. Ch	Smith	1175
2599	First M E Ch	Strom	924
2600	First M E	Cuthbertson	18647
2601	Garrison	Legault	8000
2602	Schwan	Thaxter	14000
2603	Sullivan	Stanley	1000
2604	Caldwell	Moran	1000
2605	Allen	Federal	1000
2606	Spears	Pedgrift	1500
2607	Roderick	Owner	2000
2608	Dooly	Fennelly	4700
2609	Memzel	Griffith	1500
2610	Alameda	Owner	11000
2611	Marini	Thomas	1794
2612	Blasingame	Owner	6000
2613	Parker	Foulkes	11000
2614	Hetzveld	Maasberg	3700
2615	Lyon	Muller	80000
2616	Botto	Lavisoni	2000
2617	Alder	Owner	4000
2618	Brown	Owner	3000
2619	Western	Ortzon	3000
2620	Allen	Federal	1000
2621	Wilson	Wilson	12000
2622	Berkeley	Owner	3000
2623	Nelson	Owner	4000
2624	Jackson	Owner	2800
2625	Burnell	Thaxter	5400
2626	Preston	McCullough	2500
2627	Shreaded	Owner	3000
2628	Chase	Chase	1500
2629	Kramer	Owner	4000
2630	Houch	Owner	6000
2631	Walker	Owner	1800
2632	Blasingame	Owner	3000
2633	Dean	Owner	2700
2634	Upward	Rose	10500
2635	Coulter	California	12500
2636	Deaner	Oakley	1995
2637	Iversen	Anderson	4000
2638	Johnson	Hart	1000
2639	Blandow	Owner	1000
2640	Steccone	Hopper	18221
2641	Price	Owner	4000
2642	Gordon	Thompson	3000
2643	Perrott	Owner	6000
2644	Karsten	Hendrickson	3500
2545	Ewer	Allen	20000
2646	Smith	Arndt	4850
2647	Sears	Lindsarom	3500
2648	Riechel	Fish	3800
2649	Gardner	Knighmt	18000
2650	Pearce	McKeown	1850
2651	Ryan	McIntier	3250
2652	Perry	Owner	3000

2653	Wilson	Cederborg	8847
2654	Rodgers	Jackson	2300
2655	Hammer	Owner	9000
2656	Szuch	Owner	2000
2657	Johnson	Diggs	18000
2658	Oakland	California	1800
2659	Same	Pacific	1335
2660	Litven	Thomas	3350
2661	Michand	Koski	2000
2662	Bramlage	Owner	6000
2663	McCoy	Lee	5400
2664	Chick	Noble	4000
2665	Fisher	Owner	6000
2666	Thompson	Willford	3500
2667	Boyle	Christensen	18000
2668	Barton	Owner	1000
2669	Porter	Owner	3000
2670	Peters	Owner	2950
2671	Wollin	Roth	2000
2672	McLaughlin	Owner	1000
2673	Sigwald	Owner	3000
2674	Gonsalves	Owner	4800
2675	Brown	Brown	3900
2676	Thiretta	Campomenosi	6000
2677	Annent	McOscar	3000
2678	Thomson	Greuner	6225
2679	Hammond	Owner	3000
2680	Levinson	Lee	6017
2681	Middlemas	Frostholm	9200
2682	Kahl	Frostholm	8940

ALTERATIONS
(2583) NO. 1915 ALLSTON WAY, Berkeley. Alterations.
Owner—M. Friedman, 1816 San Pablo Ave., Berkeley.
Architect—None.
Contractor—N. A. Anderson, 1927 Napa Ave., Berkeley. $2000

DWELLING
(2584) NO. 1827 CATALINA, Berkeley One-story 5-room dwelling.
Owner—Seth Hammarberg, 743 Alcatraz Ave., Berkeley.
Architect—None. $4000

DWELLING
(2585) 5451 PRINCETON , Oakland. 1-story 5-room dwelling.
Owner—W. T. Legris, 1609 Seminary Ave., Oakland.
Architect—None. $3000

DWELLING
(2586) 2682 SEVENTY-SIXTH AVE, Oakland. 1-story 3-room dwelling.
Owner—M. F. Miller, premises.
Architect—None. $1500

DWELLING
(2587) 7800 GARFIELD AVE., Oakland. 1-story 5-room dwelling.
Owner—J. G. Bjock, 1934 50th Ave., Oakland.
Architect—None. $3000

DWELLING
(2588) 1814 VICKSBURG AVE., Oakland. 1-story 5-room dwelling.
Owner—Henry L. Deleat, 316 Portland, Oakland.
Architect—None.
Contractor—H. T. McCarter, 2551 60th St., Oakland. $3650

DWELLING
(2589) 1927 IRVING AVE., Oakland. 1 story 6-room dwelling.
Owner—F. M. Davidson, 1946 E-28th St., Oakland.
Architect—None.
Contractor—F. A. McCausland, Richmond. $4500

DWELLING
(2590) 2112 SEVENTY-THIRD AVE., Oakland. 1-story 5-room dwelling.
Owner—Alfred Johnson, 1472 73rd St., Oakland.
Architect—None. $2500

ALTERATIONS & ADDITIONS.
(2591) 5335 PRINCETON ST., Oakland. Alterations and additions.
Owner—Mrs. M. E. Sloanes, Premises.
Architect—None. $2000

DWELLING.
(2592) N. PROSPECT DRIVE, 110 E. Cunningham, Oakland. One-story 6-room two-family dwelling.
Owner—H. F. Ronald, 1723 E 12th St., Oakland.
Architect—None. $3000

DWELLING.
(2593) 2555 STANLEY AVE., Oakland. One-story 5-room dwelling.
Owner—Bancroft & Gove, 1201 Broadway, Oakland.
Architect—None.
Contractor—W. C. Constable, 3306 School St., Oakland. $3250

DWELLING.
(2594) E 64TH AVE., 135 N E-14th St., Oakland. One-story 5-room dwelling.
Owner—J. S. Jurns, 2067 84th Ave., Oakland.
Architect—None.
Contractor—W. B. Malick, 2122 High St, Oakland. $3172

DWELLING.
(2595) 3312 CHAMPION ST., Oakland. One-story 4-room dwelling.
Owner—H. O. Arlberg, 1317 E-14th St., Oakland.
Architect—None. $3000

DWELLING.
(2596) S. FOOTHILL BLVD., 287 W 55th Ave., Oakland. One-story 6-room dwelling.
Owner—C. C. Peppin, 37 50th St., Oakland.
Architect—None. $4500

DWELLING.
(2597) LOT 7 BLK 1 CRAGMONT TRACT, Berkeley. One-story and basement dwelling.
Owner—J. C. Stirton, 1227 Euclid Ave., Berkeley.
Architect—None.
Contractor—H. H. Gastman, 2112 Emerson St., Berkeley.
Filed May 29, 1923. Dated May 29, 1923. Payment each week.
TOTAL COST —— 10% of cost.
Bond, none; Sureties, none; Forfeit, none. Plans and specifications filed.

PLUMBING.
(2598) NW COR CENTRAL AVE & Oak St., W 160 N 140, Alameda. Plumbing for 1-story frame gymnasium and social hall.
Owner—First Methodist Episcopal Church of Alameda, Central Ave., Cor. Oak, Alameda.
Architect — Henry H. Meyers, Kohl Bldg., San Francisco.
Contractor—Charles Smith, 2413 Santa Clara, Alameda.
Filed May 31, 1923. Dated May 18, 1923.
First of each month 75%
36 days after 25%
TOTAL COST $1175
Bond, 588; Sureties, Hartford Accident & Indemnity Co.; Forfeit, $25 day; Limit 75 days. Plans and specifications filed.

ELECTRIC WIRING.
(2599) Electric Wiring On Above.
Contractor—Carl E. Strom, 1350 Park St., Alameda.
Filed May 31, 1923. Dated May 18, 1923
First of each month..... 75%
36 days after compl. and acpt. 25%
TOTAL COST $924.45
Bond $463; Sureties, Fidelity & Deposit Co.; Forfeit, $25 day; Limit 75 days. Plans aand specifications filed.

WORK ON ABOVE.
(2600) Excavating, conc., brick, carpenter, mill, stain, glass, glazing, tile, hardware, wrought iron, cement, bath, plaster, roofing, sheet-metal, skylights, patent flues, painting.
Contractor—Thomas A. Cuthbertson, 4101 Park Blvd., Oakland.
Filed May 29, 1923. Dated May 18, 1923.
First of each month..... 75%
36 days after compl. — accpt... 25%
TOTAL COST $18,647
Bond, $9324; Sureties, Globe Indemnity Co.; Forfeit, $25 day; Limit, 75 days. Plans and specifications filed.

APARTMENTS.
(2601) S. BROCKHURST, 172.71 W Grove St., S 51.92, W 50, N 56.60 E 50.22, Oakland. Two-story 12-room apartments.
Owner—Claude E. & Iva Garrison, 668 32nd Ave., Oakland.
Architect—None.
Contractor—Oliver Legault, 96 Montell St., Oakland.
Filed May 31, 1923. **Dated June 1, 1923.**
Frame up ..... ¼
Brown coated ..... ¼
Completed and accepted ..... ¼
Usual 35 days ..... ¼
TOTAL COST $8000
Bond, none; Sureties, none' Forfeit, $2 day; Limit, 100 days. Plans and specifications filed.

APARTMENTS
(2602) NO. 1918 GRANT ST., Berkeley Two-story 16-room apartments.
Owner—M. I. Schwan, 2021 Francisco St., Berkeley.
Architect—None.
Contractor—F. W. Thaxter, 3029 Regent St., Berkeley. $14,000

ADDITION
(2603) 2026 FRANCISCO, Berkeley. Addition.
Owner—Sullivan.
Architect—None.
Contractor—F. E. Stanley, 1243 23rd Ave., Oakland. $1000

ALTERATION
(2604) 4121 WOODRUFF AVE., Oakland. Alterations.
Owner—C. Caldwell, premises.
Architect—None.
Contractor—Moran & Fleming, 758 10th St., Oakland. $1000

ROOF SIGN
(2605) 4127 Broadway, Oakland. Roof sign.
Owner—Allen Art Studio.
Architect—None.
Contractor—Federal Elec. Co. $1000

WAREHOUSE
(2606) NE COR. NINTH AND CEDAR Sts., Oakland. 1-story warehouse.
Owner—Spears Wells Co., premises.
Architect—None.
Contractor — Jas. H. Pedgrift, 4110 Broadway, Oakland. $1500

DWELLING
(2607) 2024 ONE HUNDRED THIRD Ave., Oakland. 1-story 4-rm. dwlg.
Owner—L Roderick, 520 Central Ave., Alameda.
Architect—None. $2000

DWELLING
(2608) 1522 THIRTY-THIRD AVE., Oakland. 1-story 6-room dwelling.
Owner—T. P. Dnoly, 843 33rd Ave., Oakland.
Architect—None.
Contractor—Jas. D. Fennelly, 2910 E-22nd St., Oakland. $4700

DWELLING
(2609) 8714 BIRCH ST., Oakland. 1-story dwelling.
Owner—Joseph Memzel.
Architect—None.
Contractor—Griffith & Nickerson, 1323 96th Ave., Oakland. $1500

DWELLINGS
(2610) 3072 3078 3084 3090 Madeline St., Oakland. 4 1-story 5-rm dwlgs.
Owner — Alameda Investment, Syndicate Bldg., Oakland.
Architect—None. $2750 each

FIRE REPAIRS
(2611) 5017 E-FOURTEENTH ST., Oakland. Fire repairs.
Owner—Luigi Marini, Nicol and Fruitvale, Oakland.
Architect—None.
Contractor—Thomas & Meyer, 3022 Peralta Ave., Oakland. $1794

DWELLING
(2612) 10901 & 10907 FOOTHILL Blvd., Oakland. 2 1-story 5-room dwellings.
Owner—G. R. Blasingame, 3700 San Juan St., Oakland.
Architect—None. $3000 each

DWELLING
(2613) 738 ARIMO AVE., Oakland. 2-story 7-room dwelling.
Owner—S. Parker.
Architect—None.
Contractor—J. R. Faulkes, 9828 E-14th St., Oakland. $11,000

DWELLING
(2614) LOT 4 BLK F MAP LAKESHORE Hills, Oakland. One-story 5-room dwelling and garage.
Owner—Alma Hetzveld, Oakland.
Architect—None.
Contractor—E. Maasberg, 1420 Wellington Ave., Oakland.
Filed June 1, 1923. Dated May 21, 1923.
Enclosed ..... ¼
Brown coated ..... ¼
Completed and accepted ..... ¼
Usual 35 days ..... ¼
TOTAL COST $3700
Bonds, none; Sureties, none; Forfeit, none; Limit, 60 days. Plans and specifications filed.

STORES & OFFICES
(2615) NW COR. NINETEENTH AND Broadway, Oakland. 2-story class B stores and offices.
Owner—H. B. & E. C. Lyon, 3300 Broadway, Oakland.
Architect—Edw. T. Foulkes, Crocker Bldg., San Francisco.
Contractor — F. A. Miller, Syndicate Bldg., Oakland. $80,000

DWELLING
(2616) 2734 UNION ST. (rear) Oakland. 1-story 4-room dwelling.
Owner—George Botto, premises.
Architect—None.
Contractor—Eugenia Lavisoni, 986 Arlington Ave., Oakland. $2000

DWELLING
(2617) S FLORIDA ST. 150 W Maple Ave., Oakland. 1-story 5-room dwlg.
Owner—Alder & Clark, 2510 E-21st St., Oakland.
Architect—None. $4000

DWELLING
(2618) 3411 SHEFFIELD AVE., Oakland. 1-story 5-room dwelling.
Owner—C. H. Brown, 3841 Fruitvale Ave., Oakland.
Architect—None. $3000

GARAGE
(2619) S SIXTH ST. 75 W Oak St., Oakland. 1-story tile garage.
Owner—Western Produce Co.
Architect—None.
Contractor—A. Ortzon, 3929 West St., Oakland. $3000

ELECTRIC SIGN
(2620) 4127 BROADWAY, Oakland. Electric sign.
Owner—Allen Art Studio, premises.
Architect—None.
Contractor—Federal Elec. Co. $1000

DWELLING
(2621) NO. 22 SEA VIEW AVE., Piedmont. Two-story 9-room dwelling and garage.
Owner — Henry Wilson, 1403 Madison St., Oakland.
Architect—None.
Contractor—F. A. Wilson, 1403 Madison St., Oakland. $12,000

DWELLING
(2622) NO. 620 VICENTE, Berkeley. One-story 6-room dwelling.
Owner—Berkeley Building Co., Solano and Colusa Sts., Berkeley.
Architect—None. $3000

DWELLING
(2623) NO. 3042 STANTON, Berkeley. One-story 5-room dwelling.
Owner—E. W. Nelson, 616 47th St., Oakland.
Architect—None. $4000

DWELLING
(2624) NO. 1236 PARKER, Berkeley. One-story 5-room dwelling.
Owner—P. N. Jackson, Premises.
Architect—None. $2800

DWELLING
(2625) NO. 1647 WALNUT, Berkeley. Two-story 7-room dwelling.
Owner—L. M. Burnell, 2730 Ellsworth St., Berkeley.
Architect—None.
Contractor—F. W. Thaxter, 3029 Regent St., Berkeley. $5450

ALTERATIONS
(2626) NO. 2049 CENTER, Berkeley. Alterations.
Owner—Preston Furniture Co., Prem.
Architect—None.
Contractor—H. McCullough & Son, 1641 Allston Way, Berkeley. $2500

FACTORY
(2627) NO. 917-919 CARLTON, Berkeley. One-story corrugated iron factory.
Owner—Shreaded Products Co., 217 5th Oakland.
Architect—None $3000

ALTERATIONS
(2628) NO. 1629 ARCH ST., Berkeley. Alterations.
Owner—Mrs. Lillian F. Chase, Prem.
Architect—None.
Contractor—E. L. Chase, Premises. $1500

DWELLING.
(2629) 2836 MINNA AVE., Oakland. One-story 5-room dwelling.
Owner—Adda Kramer, 2841 Eastman Ave., Oakland.
Architect—None. $4000

DWELLING.
(2630) 934 ALMA AVE., Oakland. Two-story 7-room dwelling.
Owner—H. L. Houch, 4609 Dolores Ave., Oakland.
Architect—None. $6000

SHED.
(2631) NE COR CEDAR & 8TH STS., Oakland. Shed.
Owner—P. J. Walker Co., Sharon Bldg., San Francisco.
Architect—None. $1800

DWELLING.
(2632) 10915 FOOTHILL BLVD., Oakland. One-story 5-room dwelling.
Owner—R. J. Blasingame, 3700 San Juan St., Oakland.
Architect—None. $3000

DWELLING.
(2633) W CHURCH ST., 250 N Flora, Oakland. One-story 4-room dwelling.
Owner—C. M. Dean, 3571 Fruitvale Ave., Oakland.
Architect—None. $2700

DWELLING.
(2634) N LONGRIDGE ROAD, 600 E Lakeshore Ave., Oakland. Two-story 7-room dwelling and garage.
Owner—Walter Upbard, Oakland.
Architect—None.
Contractor—Mervin P. Rose, 940 Oxford St., Berkeley. $10,500

APARTMENTS.
(2635) SE 14TH ST., 90 E 5th Ave., Oakland. Two-story 16-room apts. and garage.
Owner—J. Coulter, Oakland.
Architect—None.
Contractor—Calif. Builders Co., 1531 Franklin St., Oakland. $12,500

DWELLING.
(2636) 3334 WEBSTER ST., Oakland. One-story 2-room dwelling.
Owner—H. F. Deaner, Premises.
Architect—None.
Contractor—Oakley & Kolmodin, 1911 65th Ave., Oakland. $1995

DWELLING.
(2637) 4608 SAN SEBASTIAN, Oakland. One-story 5-room dwelling.
Owner—Iver Iversen, 271 Lee St., Oakland.
Architect—None.
Contractor—Torald Anderson, Oakland. $4000

ADDITION.
(2638) 1183 12TH ST., Oakland. Addition.
Owner—W. Johnson, Premises.
Architect—None.
Contractor—D. E. Hart, 1033 60th St., Oakland. $1000

ALTERATIONS.
(2639) 4418 E 14TH ST., Oakland. Alterations.
Owner—Wm. Blandon, Premises.
Architect—None. $1000

STORES AND APARTMENTS.
(2640) SW 50 LOT 17 BLK. U, REvised Map, Oakland Heights, Oakland. Two-story conc. store and frame apts. and conc. garage.
Owner—P. G. Steccone, 145 Franklin St., Oakland.
Architect—Schirmer, Bugbee & Co., Thayer Bldg.
Contractor—M. C. Hopper & Son, 1117 Webster St., Oakland.
Filed June 4, 1923. Dated May 29, 1923.
Concrete formed $3416.50
Sheathed 3416.60
Brown coated 3416.60
Completed and accepted ... 3416.50
Usual 35 days 4555.00
TOTAL COST $18,221.00
Bond, $9110 50; Sureties, Globe Indemnity Co.; Forfeit, none; Limit, 100 days. Plans and specifications filed.

DWELLING
(2641) NO. 1156 JOSEPHINE, Berkeley. One-story 6-room dwelling.
Owner—Raymond D. Price, 1734 Tacoma Ave., Berkeley.
Architect—None. $4000

DWELLING
(2642) NO. 2411 McGEE, Berkeley. One-story 5-room dwelling.
Owner—Mrs. H. C. Gordon, 2419 McGee St., Berkeley.
Architect—None.
Contractor—J. G. Thompson, 2419 McGee St., Berkeley. $3000

ADDITION
(2643) NO. 2749 DWIGHT WAY, Berkeley. Add to sorority house.
Owner—R. Perrott, 1136 Fresno Ave., Berkeley.
Architect—None. $6000

DWELLING
(2644) NO. 1726 BERKELEY WAY, Berkeley. One-story 5-room dwlg.
Owner—G. G. Karsten.
Architect—None.
Contractor—A. Hendrickson, 6458 Raymond St., Berkeley. $3500

DWELLING
(2645) NO. 2908 AVALON COURT, Berkeley. Two-story 8-room dwlg.
Owner—Dr. E. N. Ewer, Hotel Oakland, Oakland.
Architect — C. B. Barton, 364 Staten Ave., Oakland.
Contractor—F. E. Allen, 2718 Regent St., Berkeley. $20,000

DWELLING
(2646) NO. 1436 BAY ST., Alameda. One-story 6-room dwelling.
Owner—F. P. Smith.
Architect—None.
Contractor—H. M. Arndt, 42 Harlan St., San Francisco. $4850

DWELLING
(2647) NO. 2142 BUENA VISTA AVE., Alameda. One-story 5-room dwlg.
Owner—Wm. Sears.
Architect—None.
Contractor—John Lindstrom, 1738 Auseon Ave., Oakland. $3500

DWELLING
(2648) NO. 3116 SAN JOSE AVE., Alameda. One-story 5-room dwlg.
Owner—Riechel & Bredhoff, 2509 Clement Ave., Alameda.
Architect—None.
Contractor—M. H. Fish, 1333 Fountain St., Alameda. $3800

FLATS
(2649) NO. 3117, 13, 15, 17 SANTA Clara, Alameda. Two-story 16-room flats.
Owner—Gardner Bros., Santa Clara & High Sts., Alameda.
Architect—None.
Contractor—Harry C. Knight, 388 12th St., Oakland. $18,000

DWELLING
(2650) 1606 EIGHTY-THIRD AVE., Oakland. 1-story 4-room dwelling.
Owner—B. Pearce.
Architect—None.
Contractor—T. A. McKeown 7313 E-14th St., Oakland. $1850

DWELLING
(2651) 837 E-TWENTY-EIGHTH ST., Oakland. 1-story 5-room dwelling.
Owner—Florence Ryan.
Architect—None.
Contractor — H. W. McIntier, 1528 Franklin St., Oakland. $3250

DWELLING
(2652) 1428 E-32nd St., Oakland. 1-sto. 4-room dwelling.
Owner—J. F. Perry, 376 Santa Clara Ave., Oakland.
Architect—None. $3000

DWELLING
(2653) N LONGRIDGE Rd. 200 E Rosemont, Oakland. 2-story 6-room dwelling.
Owner—L. M. Wilson.
Architect—None.
Contractor—A. Cederborg, 1445 Excelsior Ave., Oakland. $8847

DWELLING
(2654) 2250 NINETY-FOURTH AVE., Oakland. 1-story 4-room dwelling.
Owner—J. W. Rodgers, 2240 94th Ave., Oakland.
Architect—None.
Contractor—I. A. Jackson, 9520 Syndicate St., Oakland. $2300

WAREHOUSE
(2655) TWENTY-SIXTH AVE. AND E-12th St., Oakland. 1-story warehouse.
Owner—Hammer Bray Co., premiaes.
Architect—None. $9000

DWELLING
(2656) E SEMINARY AVE. 330 Tevts Oakland. 1-story 3-room dwelling.
Owner—Louis Szuch, Princess Court, Oakland.
Architect—None. $2000

FACTORY
(2657) N ARLINGTON 10 E Lowell, Oakland. One-story brick factory.
Owner—S. T. Johnson.
Architect—None.
Contractor—M. I. Diggs, East Bay Market, Oakland. $18,000

BUILDING
(2658) E BROADWAY 55 N 12th St., N 45 E 100, Oakland. Elevator cars for 17-story class A bank and office building.
Owner—The Oakland Bank
Architect—Reed & Corlett, Oakland
Bank of Savings, Oakland.
Contractor—California Artistic Metal and Wire Co., 365 7th St., S. F.
Filed June 6, 1923. Dated May 18, 1923. 10th day each month 75%
Usual 35 days 25%
TOTAL COST, $1800
Bond, $900; Sureties, Fidelity & Deposit Co.; Forfeit, none; Limit, July 16; Plans and specifications filed.

(2659) METAL WIRE MOLDING ON above.
Contractor—Pacific Rolled Metals Co., 715 Harrison St., San Francisco
Filed June 5, 1923. Dated May 18, 1923. Payments same as above.
TOTAL COST, $1335
Bond, $668; Sureties, Globe Indemnity Co.; Forfeit, none; Limit, July 14; Plans and specifications filed.

STORES
(2660) N HOPKINS E of No. 2224, Oakland. All work for one-story stores.
Owner—Henry Litven, 3940 Ardley St. Oakland.
Architect—None.
Contractor—J. Thomas and H. Meyer, 3216 Brookdale Ave., Oakland.
Filed June 5, '23. Dated June 4, '23.
Ready for roof..... ¼
Plastered ..... ¼
Completed and accepted..... ¼
Usual 35 days..... ¼
TOTAL COST, $3350
Bond, none. Limit, none. Forfeit, $5 Plans and specifications, none.

ADDITION
(2661) NO. 2820 GARBER ST., Berkeley. Addition.
Owner—R. Michand, Premises.
Architect—John Hudson Thomas, Mercantile Trust Co. Bank Bldg., Bkly.
Contractor—M. L. Koski, 47 Ramona Ave., Berkeley. $2000

DWELLINGS
(2662) NO. 1705 BUENA AVE and No. 1425 McGee Ave., Berkeley. Two one-story 5-room dwellings.
Owner — C. D. Bramlage, 367 Alcatraz Ave., Oakland.
Architect—None. $3000 each

DWELLING
(2663) NO. 1316 ST. CHARLES ST., Alameda. One-story 5-room dwlg.
Owner—Mrs. E. McCoy.
Architect—None.
Contractor—Samuel Lee, 1801 Lafayette St., Alameda. $5468

DWELLING
(2664) NO. 2156 CLINTON AVE., Alameda. One-story 8-room dwelling.
Owner—H. E. Chick, 2152 Clinton Ave., Alameda.
Architect—None.
Contractor—G. H. Noble, 1401 Park St., Alameda. $4000

DWELLINGS
(2665) NO. 1608 AND 1610 PACIFIC Ave., Alameda. Two one-story 4-room dwellings.
Owner—S. F. Fisher, 1617 Hibbard St., Alameda.
Architect—None. $3000 each

DWELLING
(2666) NO. 437 SANTA CLARA AVE., Alameda. One-story 5-room dwlg.
Owner—Annie Thompson, 635 Haight Ave., Alameda.
Architect—None.
Contractor—Howard Williford, 3265 Central Ave., Alameda. $3500

WAREHOUSE
(2667) PARK 50 S Blanding, Alameda. One-story brick warehouse.
Owner—Boyle Mfg. Co., Los Angeles, Calif.
Architect—None.
Contractor—H. J. Christensen, 505 17th St., Alameda. $18,000

DWELLING
(2668) 3752 Magee Ave., Oakland. 1-story 3-room dwelling.
Owner—A. J. Barton, 1755 5th Ave., Okd
Architect—None. $1000

DWELLING
(2669) 1838 SIXTY-SIXTH AVE., Oakland. 1-story 4-room dwelling.
Owner—John Porter, 2712 Rawson St., Oakland.
Architect—None. $3000

DWELLING
(2670) 2722 THIRTY-FIFTH AVE., Oakland. 1-story 5-room dwelling.
Owner—L. A. Peters, 3485 Davis St., Oakland.
Architect—None. $2950

GARAGE
(2671) N GRAND AVE. 175 E Montecito, Oakland. 1-story tile garage.
Owner—I. Wollin, 220 Grand Ave., Okd.
Architect—None.
Contractor—Conrad Roth, Hayward. $2000

ADDITION
(2672) 1349 SIXTY-FOURTH AVE., Oakland. Addition.
Owner—R. H. McLaughlin, premises.
Architect—None. $1000

DWELLING
(2673) W THIRTY-EIGHTH AVE. 92 N Santa Rita, Oakland. 1-story 4-room dwelling.
Owner—J. W. Sigwald, 3927 Agua Vista Ave., Oakland.
Architect—None. $3000

DWELLING
(2674) NE COR. SIXTY-SECOND AVE. and Fortune Way, Oakland. 1-story 8-room 2-family dwelling.
Owner—A. M. Gonsalves, 2556 61st Ave., Oakland.
Architect—None. $4800

DWELLING
(2675) 4028 PANAMA COURT, Oakland. 1-story 6-room dwelling.
Owner—Anna H. Brown, 47 Glen Ave., Oakland.
Architect—None.
Contractor—G. W. Brown, 47 Glen Ave., Oakland. $3900

DWELLING
(2676) 2231 THIRTY-EIGHTH AVE., Oakland. 1-story 6-room dwelling.
Owner—P. Thiretta, 408 7th St., Oakland.
Architect—None.
Contractor—E. Campomenosi 5238 Lawton Ave., Oakland. $6000

DWELLING
(2677) 9508 FOOTHILL BLVD., Oakland. 1-story 5-room dwelling.
Owner—E. B. Annent, 830 47th St., Oakland.
Architect—None.
Contractor—W. H. McOscar 3301 E-33rd St., Oakland. $3000

STORES
(2678) NE COR. PIEDMONT AVE. & Napier St., Oakland. 1-story tile atores.
Owner—V. Thompson.
Architect—None.
Contractor—W. Greuner, 178 Grand Ave Oakland. $6225

DWELLING
(2679) E SIXTY-FIFTH AVE. 437 N Flora, Oakland. 1-story 5-room dwelling.
Owner—F. Hammond, 2880 E-16th St., Oakland.
Architect—None. $3000

DWELLING
(2680) LOT 12 THOMPSON TRACT, Oakland. All work for 2-sto. frame dwelling.
Owner—Charles & Marjorie Levinson, 1705 Central Ave., Alameda.
Architect—None.
Contractor—Samuel Lee, 1801 Lafayette St., Alameda.
Filed June 6, 1923. Dated May 14, 1923.
Floor joists laid $1000
Frame up 500
Roofed 400
Brown coated 517
Finish lbr. on ground 600
Completed and accepted 1500
Usual 35 days 1500
TOTAL COST, $6017
Bond, none; Sureties, none; Forfeit, $5.00 day; Limit, 100 days; Plans and specifications filed.

ALTERATION & ADDITION
(2681) 1112 GRAND ST., Alameda. Alteration and addition to 2-story and basement frame dwelling, except furnace, elec. fix., and paper.
Owner—Geo. A. Middlemas, 1112 Grand Ave., Alameda.
Architect—W. H. Crim Jr. and Hamilton Murdock, 425 Kearny St., S. F.
Contractor—H. M. Frostholm, 877 Lakeshore Ave., Oakland.
Filed June 6, 1923. Dated June 4, 1923.
Frame up ..... ¼
Brown coated ..... ¼
Completed and accepted..... ¼
Usual 35 days ..... ¼
TOTAL COST, $9200
Bond, $4600; Sureties, Phennie Ringal and Helen A. Shelby; Forfeit, none; Limit, 100 days; Plans and specifications filed.

DWELLING
(2682) 1275 CAROLINE ST., Alameda. 2-story and basement frame dwelling except hardware, elec. fixture, furnace.
Owner—Ernst A. Kahl, 1275 Carolina St., Alameda.
Architect—W. H. Crim Jr. & Hamilton Murdock, 425 Kearny St., S. F.
Contractor—H. M. Frostholm, 877 Lakeshore Ave., Oakland.
Filed June 6, 1923. Dated June 4, 1923.
Frame up ..... ¼
Brown coated ..... ¼
Completed and accepted ..... ¼
Usual 35 days ..... ¼
TOTAL COST, $8940
Bond, $4470; Sureties, Helene A. Shelby and Phennie Ringal; Forfeit, None; Limit, 100 days; Plans and specifications filed.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Accepted

May 31, 1923—PTN LOT 18 BLK "A" Map Grand Avenue Heights, Piedmont. Sara M Gillespie to whom it may concern.....May 31, 1923

May 29, 1923—LOT 1 BLK 13 Map Northbrae, Berkeley. Richard Perrott to whom it may concern.....May 28, 1923

May 29, 1923—LOT 17 BLK 1, Claremont, Berkeley. Doris Develin Baker to Ben Pearson..May 29, 1923

May 29, 1923—S NINETEENTH 75 W Franklin W 75xS 100, Oakland. C C Dorsch to James H Chestnut.....May 29, 1923

June 1, 1923—LOTS 10, 11, 12 BLK. 8 Northbrae, Berkeley. J. R. Hardman to whom it may concern.....May 23, 1923

June 1, 1923—LOTS 11, 12 & S 19 LOT 13 Blk 16 Map No. 8 Regents Park Albany. J. A. Pinkerton to whom it may concern .....May 31, 1923

June 1, 1923—LOT 19 & S 15 LOT 18 Blk 1 Broadway Terrace, Oakland. David H. & Henretta Monroe to Oakland & San Francisco Improvement Co. .....June 1, 192:

June 1, 1923—W ELSTON ST 125 N E-38th St. 40x100 Oakland. E. E. Hillegas to whom it may concern .....June 1, 1923

June 1, 1923—LOT 4 & LOT 1 MEADOW Brook Tract, Oakland. Winifred H. Roberts to Henry W. Macdonald .....May 25, 1923

May 31, 1923—PTN LOT 14 BLK E Map East Piedmont Heights, Oakland. H. V. Hahn to whom it may concern .....May 28, 1923

May 31, 1923—LOTS 118, 119, & 120 Fruitvale Addition Tract, Oakland. Anna Gunton to whom it may concern .....May 29, 1923

May 31, 1923—PTN LOTS 13 & 14 BLK E Map East Piedmont Hts, Oakland. H. V. Hahn to whom it may concern .....May 28, 1923

May 31, 1923—LOT 7 BLK 3 THOUSand Oaks Court, Berkeley. W. G. Appleton to whom it may concern .....May 29, 1923

June 2, 1923—HOLLIS ST & STANford Ave., Emeryville. S. P. Co. to Hutchinson Co. .....May 28, 1923

June 2, 1923—S FLEMING AVE 571 E Courtland, Ave., Oakland. Mrs. Bertha Jahns to F. G. Turner..June 1, '23

June 2, 1923—EIGHTEENTH ST, Myrtle to Market, Oakland. S. P. Co. to Hutchinson Co. ..May 25, 1923

June 2, 1923—E GRAND ST, 137-6 S Santa Clara Ave. S 70 E 256-6, Alameda. Rector, Church-Wardens and Vestrymen of Christ church to Mario Bacigalluppi & John Curletto .....May 31, 1923

June 2, 1923—W COR. LOT 56 MAP Stanford Trace No. 2 SW 40 for pt. begin SE 122 SW 40, Oakland. Geo. Bell to whom it may concern.... ..... June 2, 1923

June 2, 1923—NE 30 LOT 5 & NW 10 Lot 6 Blk B Map Locke Tract, Oakland. Wallace H. Locke to whom it may concern .....June 1, 1923

June 2, 1923—E COLLEGE AVE 250 N Claremont Ave. N 52.87 NE 314.15 S 86.85 W 259.16, Oakland. L. C. Firestine to S G Johnson..... .....June 1, 1923

June 4, 1923—NO. 250 LA SALLE AV Piedmont. Eliza S Borsen by L L Lucas to Lawrence L Lucas..... .....May 31, 1923

June 4, 1923—SW 70.89 LOT 48 Sheet 2, Nova Piedmont, Piedmont. W J Baker to whom it may concern.. .....June 4, 1923

June 4, 1923—LOT 21 Maple Heights, Oakland. A E Clark to Adler & Clark .....

June 4, 1923—NO. 2874, 76, 78, 80 Thirty-eighth Ave, Oakland. Geo. Macdonald to Thos W Webb and J W Whalin.....May 20, 1923

June 4, 1923—NO. 1100 UNDERHILLS Road, Oakland. Stanley F Myers by Leroy M Baird to whom it may concern.....June 4, 1923

June 4, 1923—LOT 32 Linden Homestead Map Ext of Blk "F" Central Oakland Tract, Oakland. E O Voyer to A Frederick Anderson... .....June 3, 1923

June 4, 1923—NO. 6135 MAJESTIC AV Oakland. Louis W Gaston to whom it may concern.....June 4, 1923

June 4, 1923—N CENTER 256 W Shattuck Ave, Berkeley. Lester W and J F Hink by James W Plachek to Conner & Conner.....June 2, 1923

June 4, 1923—S ADDISON 273 W Shattuck Ave, Berkeley. Lester W Hink and Robert G Sproul by Jas W Plachek to Conner & Conner..... .....June 2, 1923

June 4 1923—W FERNSIDE BLVD bet. Briggs and Sterling Aves 100x 120, Alameda. Hattie M Kearney to J J Groden.....June 1, 1923

June 5, 1923—SE TWENTY-EIGHTH Ave 21.44 SW Foothill Blvd SW 50 SE 66.66, Oakland. N J Nielsen to C T Nielsen.....June 5, 1923

June 5, 1923—NO. 12 WILDWOOD AV Oakland. Elmer W West to Harry C Knight.....June 4, 1923

June 5, 1923—LOT 21 BLK 6 Map Northbrae, Berkeley. William Hamilton Nelson to G Johanson.. .....June 4, 1923

June 6, 1923—NO. 2011 HOPKINS ST Oakland. Katherine A Meyer to whom it may concern..May 26, 1923

June 6, 1923—W SCHOOL bet. Bartlett and 35th Ave., Oakland. Robt Fuller to W C Constable..June 6, '23

June 6, 1923—LOT 21 BLK 2091/1096 Map Central Oakland Tract, Oakland. Edward and Louise Masoero to Frederick Anderson..June 3, 1923

June 6, 1923—LOT 286 and SW 12½ Lot 285 Map Stone Orchard, Oakland. G H Pingree to whom it may concern.....May 29, 1923

June 6, 1923—NO. 745-7-9 GRAND Ave. Oakland. L R Dray to Muller & La Vole.....June 6, 1923

June 6, 1923—PTN LOTS 5 AND 6 Blk 4523 Central Piedmont Extension Tract, Piedmont. C M McElhinney to Beach & Noble (2 acceptances) .....May 28, 1923

June 6, 1923—PTN LOTS 5, 6 AND 7, Map Diamond Park, Oakland. C M McElhinney to Beach & Noble .....May 28, 1923

June 6, 1923—LOT "D" BLK 20 Map Alameda Park Homestead, Alameda. Bertha and A Feldhammer to Conrad Roth.....June 1, 1923

June 5, 1923—SE FRANKLIN 398 NE Fourteenth NE 54xSE 150, Oakland. Colonial Cafeteria Co to whom it may concern.....May 26, 1923

LIENS FILED

ALAMEDA COUNTY

Recorded	Amount
May 31, 1923—W SAN PABLO AVE 52 S Athens S 40 W 185 N 92 E 85 S 52 E 100, Oakland B F Mayhorn vs Lubri-Gas Oil Co, Inc., W H Donahue and Jas A Lopez.....	$78.40
June 1, 1923—N FOOTHILL BLVD 241.5 E Mitchell E 78 13 N 101.12 W 70.46 S 103.50, Oakland. J B Bishop vs C S Moore	$2421.55
June 1, 1923—S FORTY-SECOND ST. 271.54 W Webster S 77.80 E 40 N 88.12 W 41.31, Oakland. S Leventa vs Mrs. L Grafe and 3 Does and C H Sharp.....	$95
June 2, 1923—SW COR SAN PABLO Ave. & Snyder Ave. W 590 S 291.98 E 590 N 292, Berkeley. Hoxie & Meech vs. Holloway & Taunton and Lillie A. Park	$335.75
June 4, 1923—VIONA ST. 70 N Calmar, Oakland. S Callarafi vs Jas B Grubb	$105
June 5, 1923—LOTS 1 AND 2 BLK 5 Map No. 4, Regents Park, Albany. William Berger vs August M and Mamie M Nebel	$278.40
June 5 1923—LOTS 21, 22, 23, 24 and 25 Blk "G" Map Foothill Park, Oakland. M Finzel vs R O McCline	$800
June 6, 1923—E FORTY-SECOND AV 300 — Santa Rita, Oakland. J A MacMillan vs B G Rail, Jaseph R Khoumrian, L M Bliler and J M Hogan	$117
June 6, 1923—312 NEWTON AVE., Oakland. E. L. Blackman Co. vs. Ida M. Cox & Van Doren & Van Doren	$—
June 6, 1923—312 NEWTON AVE., Oakland. George M. Dierks vs. Ida M. Cox & Van Doren & Van Doren	$96.00
June 6, 1923—312 NEWTON AVE., Oakland. James A. Saylor vs. Ida M. Cox & Van Doren & Van Doren	$48.00

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded	Amount
June 6, 1923—LOTS 1 & 2, BLK 5 Map No. 4, Regents Park, Oakland Township. William Berger to August M. & Mamie N. Nebel..	$278.40

Notice of Non-Responsibility

ALAMEDA COUNTY

June 5, 1923—LOTS 11 AND 12 BLK 22 Map Key Route Heights, Oakland. Alameda Investment Co as to improvements on property.....

CANCELLATION OF BUILDING CONTRACT

ALAMEDA COUNTY

June 5, 1923—Hebern Electric Code, Inc with J H Keefe Co. Dated Jan. 29; filed, Feb. 6, 1923.

OAKLAND BUILDING TOTALS FOR MAY, 1923

Classification of Buildings	No. of Permits	Cost
1-story dwellings.....	335	$ 891,201
1-st 2-family dwlgs....	4	15,500
1-st dwelling & store..	1	4,600
2-story dwellings.....	13	81,300
2-story flats.....	17	205,778
2-story flats & stores..	2	10,050
2-story apartments....	3	43,350
2-st apmnts & stores...	1	14,000
1-story stores.....	7	27,008
1-story shop.....	5	4,450
1-story kitchen.....	1	1,000
1-story warehouse.....	2	2,400
1-story foundry.....	1	6,000
1-story office.....	2	950
1-story greenhouse....	1	600
1-st brick dwlg&store..	1	4,000
1-story brick factory...	2	19,950
1-story brick garage...	3	31,600
1-story brick station...	1	2,500
1-st brick addition.....	1	10,000
1-story brick laundry..	1	5,000
1-story brick stores....	1	34,000
1-st brick warehouse..	2	27,547
2-story brick flats.....	1	8,000
2-story brick bakery...	1	21,387
2-story brick school...	1	75,000
1-st brick & tile store..	2	22,000
1-st brick & tile add'n...	1	3,000
1-st brick & tile garage	2	14,000
2-st brick & tile dwelling & bakery.....	1	15,000
1-st brick & concrete auto showroom....	1	13,000
3-st brick & concrete loft building.....	1	35,550
1-story tile stores.....	1	19,000
1-story garage.....	3	4,300
1-story tile office.....	1	300
1-s concrete garage....	4	2,553
1-story concrete stores	1	35,000
1-st concrete salt bin..	1	5,000
1-st conc office & shop.	1	30,000
1-st conc warehouse...	1	3,000
2-st conc office&loft bld	1	83,000
6-st conc store bldg....	1	275,000
1-st steel service stn...	1	1,500
1-st comfort stn.....	1	600
1-st garages & sheds...	220	61,975
Electric signs.....	32	13,850
Roof sign.....	1	1,000
Additions	106	84,199
Alterations & repairs..	143	100,242
Total	935	$2,373,020

BUILDING CONTRACTS

FRESNO COUNTY

$5,000 and Over Reported

STORE building, $36,000; No. 664 Van Ness Ave, Fresno; owner, F. L. R. Burks, T. W. Patterson Bldg., Fresno; contractor, Trewhitt-Shields Co., Rowell Bldg., Fresno

DWELLING, $8500; 3904 Huntington Blvd., Fresno; owner, Mrs. W. D. Coates, Kearny Blvd., Fresno; contractor, Coates & Travis, Rowell Bldg., Fresno.

ENGINE house, $28,000; No. 720 Van Ness Ave., Fresno; owner, City of Fresno; contractor, Fredrickson & Shannon, Cory Bldg., Fresno.

COMPLETION NOTICES

FRESNO COUNTY.

Recorded	Accepted
May 28, 1923—LOTS 32 AND 33 BLK 1, West Olive Tract, Fresno. Geo H Evans to whom it may concern.. .....May 25, 1923	
May 26, 1923—LOTS 17 TO 22 BLK 26 K. B. Heights, Fresno. A G Leverone and Carl Vogt to whom it may concern.....May 25, 1923	
May 26, 1923—LOTS 9 AND 10 BLK 101 (rear), Fresno. A L Maloyan to G Terzian.....May 25, 1923	
May 26, 1923—LOT 5 E 20 LOT 4 BLK 10, College Addition, Fresno. F D Sweeney to whom it may concern .....May 23, 1923	
May 26, 1923—LOT 5 N ½ LOT 6 BLK 2, German Addition, Fresno. John H Lindegren et ux to whom it may concern.....May 22, 1923	
May 26, 1923—LOTS 10 AND 11 BLK 77, Sierra Vista Addition No. 4, Fresno. J A Schlotthauer to whom it may concern.....May 26, 1923	
May 26, 1923—LOTS 31 AND 32 BLK 9, La Sierra Tract, Fresno. Roy Martin to whom it may concern... .....May 26, 1923	
May 29, 1923—LOTS 15 AND 16 —, Allen & Binford Tract, Fresno. Lula A Rogers to Roy Martin..... .....May 22, 1923	

May 29, 1923—LOTS 12 AND 13 BLK 1, High Add'n., Fresno. Lewis L Henderson to whom it may concern .....May 28, 1923

May 29, 1923—N ½ LOT 26, Normal Acres, except W 50 ft. and E 50 ft., Fresno. Thos S Wadsworth to whom it may concern..May 28, 1923

May 29, 1923—LOT 19 BLK 3, Fresno Heights, Fresno. E M Hartman to whom it may concern...May 22, 1923

May 31, 1923—LOT 1 BLK 30 ALTA Vista, Fresno. L. J. Berg to whom it may concern .....May 26, 1923

May 31, 1923—LOT 9 BLK 2 FARLEY Add Kingsburg. Albert P. Loscher to W. H. Richmond.....May 28, 1923

May 31, 1923—LOTS 45 & 46 BLOCK 1 Recreation Park, Fresno. George Dart to whom it may concern.....May 29, 1923

June 1, 1923—BLOCK 2 CARLSON Add, Kingsburg. C. F. Anderson to H. R. Setterlund.....May 19, 1923

June 1, 1923—LOT 2 SIERRA VISTA Tract, Geo. W. Upton to whom it may concern .....May 31, 1923

June 1, 1923—BLOCK 25 HAZELwood, Fresno. P. A. Wolff to whom it may concern.....May 31, 1923

June 1, 1923—LOT 2 SIERRA VISTA Tract, Fresno. W. B. Watson & A. F. Lambert to whom it may concern .....May 31, 1923

June 1, 1923—LOTS 45 & 46 SIERRA Vista Add No. 4, Fresno. Albert L. Pipes to whom it may concern.....May 26, 1923

June 2, 1923—LOT 18 Sequoia Park Sub 1, Fresno. W J Palfrey to whom it may concern..May 23, 1923

June 2, 1923—LOTS 13-14 BLK 1, Leona Heights, Fresno. Chas R Tilden to whom it may concern.....May 29, 1923

June 2, 1923—FIRST AND HUNTINGton Aves, Fresno. Associated Oil Co to Paul Bouzac.....May 25, 1923

June 2, 1923—LOTS 13 AND 14 BLK 2, Echo Tract, Fresno. Ida B Keesling to whom it may concern .....June 1, 1923

June 4, 1923—LOT 14 BLK 74, Fresno. D Imperatrice to Harry S Brindle .....June 2, 1923

June 5, 1923—LOT 34, High Addition Annex No. 1, Fresno. J A Schlotthauer to whom it may concern.....June 4, 1923

June 5, 1923—W 50 FT. LOT 3, Blossom Park, Fresno. Mary A Waterman to whom it may concern.....June 4, 1923

June 5, 1923—LOTS 38 AND 39 BLK 3, Sierra Vista Additon, Fresno. Wm A Washburn to whom it may concern.....June 4, 1923

June 5, 1923—LOTS 23 AND 24 W 20 ft. Lot 15, all Lot 16, E 10 ft Lot 17 Blk 5, College Addition, Fresno. L E Smith to whom it may concern .....June 5, 1923

June 5, 1923—LOTS 27 & 28, Prichard Place, Fresno. A A Dorfmeier to whom mit may concern..June 2, 1923

June 2, 1923—LOTS 36 & 37, Stivers Tract No. 3, Fresno. M A Stivers to whom it may concernJune 2, 1923

June 5, 1923—LOTS 7 AND 8 BLK 3, La Sierra Tract, Fresno. J D Yarnell and H B Garges to whom it may concern.....June 4, 1923

June 6, 1923—LOT 31 W 20 Lot 30 Blk 10, College Addition, Fresno Henry W Kuhlke to whom it may concern.....June 5, 1923

LIENS FILED

FRESNO COUNTY

Recorded Amount

May 26, 1923—LOT 92, Scandinavian Col. Barrett-Hicks Co, $264; G R Rankin, $250; O R Stearns, $235 vs S J A Pifer & Son and S J Brum .....

May 29, 1923—LOT 92 Scandinavian Col., Fresno. R W English, $182; Chas F Smith, $186 vs S J Brum and S J A Pifer & Son.....

May 29, 1923—LOTS 15 AND 16 BLK 1, Torrance Terrace, Fresno. Sunset Lumber Co vs F E Duncan...$174

May 29, 1923—W ½ OF SW ¼ OF Sec. 14, 13-17, Fresno. Pioneer Electric Co vs F A Campbell, E A Potterton and M N Kermoyan...$212

May 29, 1923—LOTS 25 AND 26 BLK 36, Fowler. L Rosenberg vs S T Stephens.....$84

May 29, 1923—LOTS 47 AND 48 BLK 6, Sparkman's Ventura Ace Tract, Fresno. L Rosenberg vs Felipe Cabral, Pulio Silva and H Sparkman $76

May 29, 1923—LOTS 47 TO 50 BLK 1, Copeland Addition, Fresno. L Rosenberg vs M C Berry.....$48

May 29, 1923—LOTS 31 AND 32 BLK 6, Calwa Tawnsite. L Rosenberg vs Ethel L Furich and Mrs. E French $36

May 31, 1923—LOT 92 SCANDINAvian Col., Fresno. H. O. Laurence vs. S. J. Brum et ux & S. J. A. Pifer $48

June 2, 1923—LOT 2 "Bacher" Hts. Sub, Fresno. L Rosenberg vs Robt J and Cora E Bauer.....$101

June 2, 1923—LOT 1 BLK 2 Boulevard Gardens, Fresno. Smith Hardware Co vs A F Wood.....$25

June 2, 1923—E ½ LOT 9 BLK 8 Parkhurst West Add'n., Sanger. Sanger Lumber Co vs Rose Tarjanian and W H Jones.....$674

June 2, 1923—E ½ OF W ½ LOTS 9 and 10 Blk 8, Parkhurst Western Addition, Sanger. Sanger Lumber Co vs Rose Tarjanian and W H Jones $676

June 2, 1923—W ½ OF W ½ LOTS 9 and 10 Blk 8, Parkhurst West Add Sanger. Sanger Lumber Co vs Rose Tarjanian and W H Jones.....$689

June 2, 1923—LOT 7 S ½ LOT 6 BLK 2, German Add, Fresno. M Kellner & Son Lmbr Co vs Phillip Schmidt et ux and Chris Sommer.....$815

June 6, 1923—LOT 1 BLK 11, Lake Park Addition, Fresno Sunset Lumber Co, Inc vs W J Field and wife and Stockton Savings & Loan Bank $246.70

BUILDING CONTRACTS

SACRAMENTO COUNTY

$2,500 and Over Reported

ADDITION to Bret Harte School, $23,727; 36th St. cor. 4th Ave., Sacramento; owner, Sacramento City School Dist., City Hall, Sacramento; contractor, Campbell Constr. Co. Nicolaus Bldg., Sacramento. Recd. May 26, 1923.

STATION, gas and oil, 1-story, $3500; 1601 H St., Sacramento; owner, P. J. Lykins, S. F.; contractor, Associated Oil Co., 1019 J St., Sacramento.

DWELLING, 1-story 4-room, and garage, $3000; 2560 26th St., Sacramento; owner, Coleman & Holmes, 2624 35th St., Sacramento.

DWELLING, 1-story 4-room, and garage, $3000; 2101 35th St., Sacramento; owner, E. O. Pagnl, 4825 V St., Sacramento.

DWELLING, 1-story 5-room, and garage, $5000; 1141 47th St., Sacramneto; owner, G. L. Sprague, 2404 M St., Sacramento; contractor, L. F. Gould, 1623 O St., Sacramento.

ADDITION of 2 classrooms, $32,731; S½ Lot 3, J, K, 14, 15, Sacramento; owner, Chauncey Dunn, Capitol National Bank Bldg., Sacramento; contractor, C. S. Mabrey ,Ochsner Bldg., Sacramento.

PIERCE-BOSQUIT
Abstract & Title Co.
Capital Stock $100,000
Sacramento, Placerville, Nevada City, Reno
SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

DWELLING, 1-story 6-room, and garage; $3900; 924 7th Ave., Sacramento; owner, Joe Siemas; contractor, Furado & Vallne, 2423 18th, Sacramento.

DWELLING, 1-story 5-room, and garage, $2900; 3025 E St., Sacramento; owner, W. D. McKoy, 3021 F St., Sacramento; contractor, H. G. Birdsall, 13th & O Sts., Sacramento.

REPAIRS, $8000; 1513 Front St., Sacramento; owner, F. D. Suddarth; contractor, Oriental Supply Co., 686 Howard St., S. F.

DWELLING, 1-story 4-room, and garage, $2800; Lot 320 Elmhurst, Sacramento; owner, M. Campanelll, 1808 42nd St., Sacramento; contractor, W. Statts, R 4 B 885, Sacramento.

DWELLING, 1-story 6-room, and garage, $2500; 4600 T St., Sacramento; owner, A. O. Hansen, 3208 Marshall Way, Sacramento.

DWELLING, one-story 5-room and garage, $3700; No. 3448 Serra Way, Sacramento; owner, G. P. Beere, 620 J St., Sacramento.

DWELLING, one-story 5-room, $2500; No. 3032 43rd St., Sacramento; owner, S. A Klus; contractor, F. W. Ford, 4317 8th Ave., Sacramento

DWELLING, one-story 5-room, $3500; No. 3956 Sherman Way, Sacramento owner, F. E. Burgeson. Premises.

FOUR 240-gal. tanks, $3000; No. 1001 I St., Sacramento; owner, K. Becker Premises; contractor, Standard Oil Ca., Sacramento.

TWO 240-gal. tanks, $3200; No. 1830 21st St., Sacramento; owner, E. C. Turner, 1820 21st St., Sacramento; contractor, Union Oil Co., Sacto.

DWELLING, one-story 4-room and garage, $2500; No. 3240 43rd St., Sacramento; owner, B. V. Campbell, 68 Castro St., San Francisco; contractor, F. W. Ford, 4317 8th Ave., Sacramento.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Accepted

June 2, 1923—PLANT "B," Consumers Ice & Cold Storage Co. Gay Engineering Corp to whom it may concern.....May 31, 1923

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

$2,500 and Over Reported

RESIDENCE, $5050; 157 West Elm St., Stockton; owner, Lottie E. Campodonico.

RESIDENCE, $3500; 2345 Beverley Pl., Stockton; owner, B. R. Little, 1429 E Pinchot St., Stockton.

RESIDENCE, $6500; 1041 Vernal Way, Stockton; owner, F. P. Dobson, 1045 Vernal Way, Stockton.

BUILDING,$8892; Lot 9 Blk 16 Lake Park Sub, Stockton; owner, Wm. Kuechler, 447 E Main St., Stockton; contractor, Ernest L. French; 100 working days. Recd. May 29, 1923.

TWO residences, $3400 each; No. 2441 and 2445 E-Taylor St., Stockton; owner, J. B. Lassalle.

RESIDENCE $11,500; No. 120 W-North St., Sacramento; owner, Mrs. M. H. Orr, 344 S-Sutter St., Stockton.

RESIDENCE, $4000; No. 1001 W-Park St., Stockton; owner, M. J. Drais, Bank of Italy Bldg., Stockton.

RESIDENCE, $6300; No. 2310 N-Madison St., Stockton; owner, M. N. Leon.

RESIDENCE $2600; [illegible] 2325 Fair Oaks St., Stockton; owner, V. Boeteno.

CHURCH, frame, $5000; No. 1345 North Commerce St., Stockton; owner, Swedish Mission Church.

RESIDENCE, $4950; No. 1824 Allston Way, Stockton; owner, T. E. Williamson, 1218 Vernal Way, Stockton.

RESIDENCE, $3500; No. 1763 E-Sonora St., Stockton; owner, E. L. Falters

RESIDENCE, $3500; No. 333 S-Locust St., Stockton; owner, E. L. Falters.

RESIDENCE, $3500; No. 1111 W-Park St., Stockton; owner, French & Tyler, 2402 N-Hunter St., Stockton
RESIDENCE, $3000; No. 1450 W-Walnut St., Stockton; owner, M. B. Davidson, 740 N-East St., Stockton
RESIDENCE, $2500; No. 533 E-Oak St., Stockton; owner, Davis-Heller-Pearce, Delta Bldg., Stockton.

BUILDING CONTRACTS

SANTA CLARA COUNTY

$1,0000 and Over Reported

RESIDENCE
LOT IN BLK 30, Seale Addition No. 2, to City of Palo Alto. All work for two-story residence.
Owner—Mr. & Mrs. Gustav Laumeister Palo Alto.
Architect—Birge M. Clark, 600 Embarcadero, Palo Alto.
Contractor—The Minton Co., Mt. View.
Filed May 24, '23. Dated May 22, '23.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, $18,028.35
Bond, $9015. Sureties, Marjorie Minton and William P Wright. Limit, 120 working days from May 23, 1923. Forfeit none. Plans and spesfications filed.

STORE BLDG.
NE WAVERLY ST AND UNIVERSITY Ave., Palo Alto. All work for reinforced concrete store building.
Owner—Carol D. Cranston and Jessie K. Smith, Palo Alto.
Architect—Birge M Clark, 600 Embarcadero, Palo Alto.
Contractor—Wells P. Goodenough, 310 University Ave., Palo Alto.
Filed May 22, '23. Dated May 21, '23.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, not to exceed, $35,785
Bond, $18,000. Limit, 115 days from May 22, 1923. Forfeit, none. Plans and specifications filed.

BUILDING
W MONTEREY ST. between 4th and 5th Sts, Gilroy. All work for concrete building.
Owner—Roth Winans Co., Gilroy.
Architect—None.
Contractor—Wm. Radtke, Gilroy.
Filed May 22, '23. Dated May 8, '23.
Foundation and forms in.....$4000
Concrete poured 4000
Completed 4000
Usual 35 days 4000
TOTAL COST, $16,000
Bond, none. Limit 76 working days from May 9, 1923. Forfeit, none. Plans and specifications filed.

COTTAGE
LOT 3 BLK 2, Hanchett Park, San Jose. All work for one-story frame cottage.
Owner—Mrs. Louise M. Anderson, San Jose.
Architect—None.
Contractor—Carl C. Maurer, 241 Locust St., San Jose.
Filed May 26, '23. Dated May 23, '23.
Rafters up $1000
1st coat plaster on..... 1000
Completed 1000
Usual 35 days..... 1000
TOTAL COST, $4000
Bond, none. Limit, 65 working days from May 23, 1923. Forfeit, none. Plans and specifications filedd.

PLUMBING
GILROY. All work for plumbing in high school gymnasium.
Owner—Gilroy High School District, Gilroy
Architect—Wyckoff & White, Growers Bank Bldg., San Jose.
Contractor—Wm. F. Serpa, 497 N-13th St., San Jose.
Filed May 26, '23. Dated Apr. 3, '23.
As work progresses..... 75%
Usual 35 ddays..... 25%
TOTAL COST, $6600
Bonds, $3200 and $1650. Sureties, J. S. Williams and E. Nommensen. Limit, 163 working days from April 3, 1923. Forfeit none. Plans and specifications filed.

POWER HOUSE
GILROY. All work for power house.
Owner—Gilroy High School District, Gilroy.
Architect—Wyckoff & White, Growers Bank Bldg., San Jose.
Contractor—E. Nommensen, 101 S-16th St., San Jose.
As work progresses..... 76%
Usual 35 days..... 25%
TOTAL COST, $4315
Bonds, $1078.75 and $2157.50. Sureties, A. L. Hubbard and Neil Carmichael. Limit, 103 working days from April 3, 1923. Forfeit, none. Plans and specifications filed.

HOUSE, 2-family, $8000; Sta. Clara nr. 15th, San Jose; owner, John Taylor, architect—Wolfe & Higgins, Auzerais Bldg., San Jose; contractor, J. C. Thorpe, Auzerais Bldg., San Jose.
ALTERATIONS, $1000; 498 N 4th, San Jose; owner, Jno. Wagner, prem.;
COTTAGE, 5-room stone, $5000; Miller near George, San Jose; owner, J. H. Burke, 69 George St., San Jose.
ADDITION, $1000; W 1st & S. P. Rt. of way, San Jose; owner, Growers Pack & Warehousing Assn., Market and San Antonio Sts., San Jose.

GARAGE, ETC.
NO. 12 CLELAND AVE., Los Gatos. All work for garage and sleeping porch, terrace and dressing rooms facing swimming pool.
Owner—Alfred Roncovieri, 2450 Vallejo St., San Francisco.
Architect—Edward L. Frick, S. F.
Contractor—Harry W. Arnold, San Mateo.
Filed May 31, '23. Dated May 28, '23.
All concrete walls completed..$1225
Frame & plastering completed. 1225
Building completed 1225
Usual 35 days..... 1225
TOTAL COST, $4900
Bond, none. Limit, 60 working days from May 31, 1923. Forfeit, none. Plans and specifications filed.

DWELLING
LOT 5 ETHBRIDGE & FULLERS SUB., San Jose. All work for dwelling and garage.
Owner—Christine Nielsen, San Jose.
Designer—A. J. Nielsen, 156 S-20th St., San Jose.
Contractor—A. J. Nielsen, 156 S-20th St., San Jose.
Filed May 31, '23. Dated May 29, '23.
All studings in place.....$1155
Ready for plastering..... 1155
Completed 1155
Usual 35 days..... 1155
TOTAL COST, $4620
Bond, none. Limit, 80 working days from May 29 1923. Forfeit, none. Plans and specifications filed.

DWELLING
LOT 16 BLK 4, Shottenhamer's Sub., San Jose. All work for dwelling and garage.
Owner—Armand C and Dorothy Weber 580 E-Julian Ave., San Jose.
Designed—A. Willmott, 40 S-Lincoln St., San Jose.
Contractor—D. H. Main and S. C. Evans, 325 N-16th St., San Jose
Filed May 29, '23. Dated May 28, '23.
Roof on $787
Brown coat plaster on..... 787
Completed 787
Usual 35 days..... 787
TOTAL COST, $3148
Bond, $1500. Sureties, H. B Miller, Charles Payne and Anthony Schutte. Limit, 65 working days from May 28, 1923. Forfeit, plans and specifications, none.

DWELLING
HAWTHORNE AVE 150 from Bryant St., being Blk 18, Palo Alto. All work for dwelling.
Owner—Clarence W. Grigsby, 344 Emerson St., Palo Alto.
Architect—None.
Contractor—Wells P. Goodenough, 310 University Ave., Palo Alto.
Filed June 4, '23. Dated May 31, '23.
Frame up $550
Plastering ready for finishing... 550
When completed 550
Usual 35 days:..... 550
TOTAL COST, $2200
Bond, none. Limit, 65 working days from June 4, 1923. Forfeit, none. Plans and specifications filed.

ALTERATIONS, $1600; 330 S Thirteenth San Jose; owner, Frank Stock, 330 S 13th St., San Jose; contractor Frank Zingheim, 210 S 9th St., San Jose.
HOUSE, 2-fam., $3500; St. John near 14th, San Jose; owner, Mrs. A. Lameroux; architect, Odell & Nilson.
ALTERATIONS, $3000; First and Post, San Jose; owner, Associated Dental Supply Co., premises; contractor, W. J. Bigger & Son, 20th & Santa Clara, San Jose.
COTTAGE, 5-room, $4400; Second near Virginia, San Jose; owner, Mrs. K. Cottle; architect, R. T. Souther, 305 Meridian St., San Jose.
DWELLING, 4-room and garage, comb., $1200 ;34th & Shortridge, San Jose. owner, J. E. Perkins, 1652 E Santa Clara, San Jose.
COTTAGE, 4-room, $2650; Shortridge near King Rd., San Jose; owner, V. Roffinella, R B Box 223 Mt. Pleasant Ave., San Jose; contractor, Benj Quimet.
COTTAGE, 5-room, $1250; 19th cor. Rosa, San Jose; owner, C. O. Brown
COTTAGE, 5-room, $3680; Sherman nr. Goodyear, San Jose; owner, Mrs. F. Rudloff, 1122 Sherman St., San Jose architect, Wm. Regel, 344 S 15th St. San Jose.
COTTAGE, 5-room, $2500; Goodyear nr. Sherman, San Jose; owner, Ida Testolin; architect, W. B. Reese, 93 N 33rd St., San Jose.
ALTERATIONS, $1000; 521 E Sta. Clara San Jose; owner, H. J. Beal, 521 E. Santa Clara, San Jose
ALTER FRONT, $3500; Sta. Clara & Fourth, San Jose; owner, Powell Bros., 122 E Santa Clara, San Jose; architect, Chas. McKenzie, Bank of San Jose Bldg., San Jose; contractor, Daugerfield & Douglas, 51 S 22nd St., San Jose.
COTTAGE, 4-room, $1500; Shortridge nr 34th, San Jose; owner, T. J. Walker 1652 Shortridge St., San Jose.
COTTAGE, 5-room, $1950; Fuller near Previst, San Jose; owner, Geo. Wright, 888 S 7th St., San Jose

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Accepted
May 24, 1923—PTN LOTS 24, 25 & 26 Blk 2, J B Randol's Addition, San Jose. Anna Ghiorzo to whom it may concern.....May 24, 1923
May 24, 1923—NE FULTON AND Lincoln, —. Carol D Cranston and Jessie K Smith to whom it may concern.....May 21, 1923
May 25, 1923—LOT 16 BLK 10, South Palo Alto. Mabelle O Johnson to Phillip Darr.....May 16, 1923
May 25, 1923—PTN LOT 3 BLK 28, University Grounds, Palo Alto. William H O'Neil to whom it may concern.....May 25, 1923
May 25, 1923—LOTS 8, 9, 10 andd 11 Adams Tract, San Jose. F W Aust to E E Arnott.....May 24, 1923
May 26, 1923—PTN BLK 5 R 4 W Scheller Addition, Fresno. Jerome Garcis to whom it may concern.. .....May 26, 1923
May 26, 1923—LOT 10 BLK 1, Hanchett Residence Park, San Jose. B J Smith to whom it may concern.. .....May 26, 1923
May 28, 1923—LOT 15 Manzanita Tct, San Jose. Frederick A Halla to Ed Delmaestro.....May 25, 1923
May 29, 1923—PTN BLK 33, City of Palo Alto. L S Edwards to whom it may concern.....May 28, 1923
May 29, 1923—LOT 13, Highland Sub., San Jose. Carl Isaksen to whom it may concern.....May 29, 1923
May 29, 1923—PTN LOTS 4 AND 5 Blk 5 R 8 S City of San Jose. F C Nelson to whom it may concern.. .....April 19, 1923
May 29, 1923—NW 37.63 LOT 3 BLK 7, Hanchett Residence Park, San Jose. Frank B Bishop to whom it may concern.....May 19, 1923
May 31, 1923—BLK 76, LOT 60x100, facing Lincoln Ave being 200 ft. fm intersection of Copper St. and Lincoln Ave., Palo Alto. A W Johnson to Wells P Goodenough..... .....May 23, 1923
June 1, 1923—PTN LOT 5 BLK 24, Chapman & Davis Tract, San Jose. Byron F and Dorothy J Wrisley to C V Brown.....May 28, 1923

June 1, 1923—LOT 38 Benders Sub., San Jose. Joe Ulis to whom it may concern.....June 1, 1923
June 1, 1923—NO. 342 HIGH ST., Palo Alto. A N and Eva R Umphreys to Wells P Goodenough.....May 31, 1923
June 2, 1923—PTN LOT 3 BLK 28, Palo Alto. William H O'Neil to whom it may concern...June 2, 1923
June 2, 1923—LOT 28 BLK 45, City of Palo Alto. J W Rosebrook to The Minton Co.....June 1, 1923
June 2, 1923—LOT 12 BLK 7, Rose Lawn, San Jose. Harry F Dowell to whom it may concern. June 2, 1923
June 2, 1923—LOT 43 BLK 14 S R 2 W Cottage Grove, San Jose. E Gustafson to whom it may concern.....May 31, 1923
June 4, 1923—PTN LOT 6 BLK 2, East San Jose Homestead Ass'n., San Jose. F E Burgess to whom it may concern.....May 31, 1923
June 4, 1923—LOT 24 Manzanita Tct, San Jose. George E Naegle to whom it may concern..May 31, 1923
June 4, 1923—LOT 12 and W 5 Lot 13 Blk 2, Lincoln Residence Park, San Jose. Eugenia M Salisbury to whom it may concern.....April 15, 1923
June 4, 1923—LOT 43 Sanderson Garden Tract, San Jose. W G and Hazel L Zipperlan to whom it may concern.....May 26, 1923
June 4, 1923—LOT 16 AND 17 J. M. Nelson's Nob Hill Sub, San Jose. L C Shank and Etta R U Taylor to Willmott Bros.....June 4, 1923
June 4, 1923—LOT 19 BLK 6, Hanchett Residence Park, San Jose. J L and Minnie J Farum to McCoombs & Lomax.....May 28, 1923
June 4, 1923—LOT 9 BLK 2, C. B. Polhemus Homestead, San Jose. Martha Louise Prouty to whom it may concern.....May 15, 1923

LIENS FILED

SANTA CLARA COUNTY

Recorded Amount
May 26, 1923—LOT 2 BLK 14, Hanchett Park Tct, San Jose Borchers Bros to J S Seely Jr.....$99.17
June 1, 1923—S 80 LOT 6 BLK 1, Maypark Half Acres, San Jose. S G Strickler vs D H Allen.....$125.99
June 1, 1923—LOT 2 BLK 14, Hanchett Residence Park, San Jose. Southern Lumber Co vs G B Seely.....$65.45
June 1, 1923—LOT 13 BLK 4, E Murphy Ave. Town of Sunnyvale. The Minton Co vs A Schurra.....$532.34
June 4, 1923—LOT 22 BLK 6, Hanchett Residence Park, San Jose. H A Bridges vs L F and Hazel Reid Morton.....$830.35

RELEASE OF LIENS

SANTA CLARA COUNTY

Recorded Amount
June 1, 1923—LOT 18 BLK 7, R 6 So in Snow & Pettis Add'n to Mt. View. C M Glaze to George M Bobst.....$520.55

BUILDING CONTRACTS

SAN MATEO COUNTY

BUNGALOWS
BLKS 3, 4 & 5 VISITATION NO. 4, San Mateo. All work for 20 5-room bungalows.
Owner—Isabelle S. Rounthwaite, Oakland, Calif.
Architect—H. D. Jones, 1534 Franklin St., Oakland.
Contractor — California Buildera Co., 1534 Franklin St., Oakland.
Filed May 25, 1923. Dated May 18, 1923.
Cash $6000
Framed .....¼
Brown coated .....¼
Completed and accepted .....¼
Usual 35 days .....Balance
TOTAL COST, $64,000
Bond, Sureties, Forfeit, Limit, none; Plans and specifications filed.

RESIDENCE
LOT 6, PORTOLA WOODS, near Redwood City. All work for one-story residence and garage.
Owner—Elizabeth Bauge.
Architect—None.
Contractor—The Minton Lumber Co., Palo Alto.
Filed June 2, '23. Dated June 1, '23.
Frame up $2057.78
Brown coated 2057.78
Completed 2057.78
Usual 35 days..... 2057.78
TOTAL COST, $8231.00
Bond, $4150. Sureties, J. E. Carter and W. O. Morrell. Limit, 90 working days. Forfeit, none. Plans and specifications filed.

RESIDENCE, $4000; Lot 12 Blk 3 E St., San Mateo; owner, Marie Carbone; contractor, H. Putmann, 1025 Paloma St., San Mateo.
BUNGALOW and garage, $4000; Belle Vue Ave. and Hurlinghan being Lot 27 San Mateo Park, San Mateo; owner, A. Dusenberry, 442 Hurlinghan, San Mateo.
BUNGALOW and garage, $4000; 624 Laguna Ave. Blk 9 Easton 1, Burlingame; owner, F. Bowman; architect, Bale.
BUNGALOW and garage, $4500; Lot 1 Blk 37 Easton 2, Vancouver Ave., Burlinganie; owner, Dayly Bros.
BUNGALOW and garage, $4800; Lot 1, Burlingame Park No. 5 Forest View Burlingame; owner, Wm. Anglers, 1520 Forest View, Burlingamme.
DWELLINGS ,2, 1-story frame, & garage, $4000 each; Part of Lots 5 & 6, Blk. 7, Burl. Land Co. Floribunda Ave., Burlingame; owner, Hammer & Huthbert.
BUNGALOW and garage, $4000; Lot 17, Blk 3, Easton 1, Paloma Ave., Burlingame; owner, R. H. Rundle.
BUNGALOW and garage, $3500; Lot 23, Blk 36, Easton 2 Vancouver Ave., Burlingame; owner, Jos. Deane.
BUNGALOW and garage, $4000; Lot 20 Blk 3, Burl. Terrace, Crossways Rd. Burlingame; owner, M. J. Henry, 322 Ellsworth St., Burlingame.
BUNGALOW and garage, $4000; Lot 6, Blk 3, Villa Park, 3rd Ave., Burlingame; owner, G. W. Nystrom; architect, Pedersen.
BUNGALOW and garage, $5000; Lot 34 Blk 49 Easton 4, Cortez Ave., Burlingame; owner, Jos. F. O'Neally, 460 Montgomery St., San Francisco.
BUNGALOW and garage, $4000; Lot 9, Blk 43, Easton 3, Drake Ave., Burlingame; owner, R. B. Brownlee.
RESIDENCE, $3600; Lot 32 Blk K, Hey Park, San Mateo; owner, J. Martin; contractor, M. Mettick.
BUNGALOW, $9000; Lot 5 State Highway & Barollhet Ave., San Mateo; owner, W. O. Long Realty Co., 1st Natl. Bank Bldg., S. F.; contractor, Lang Realty Co., 1st Natl. Bank Bldg., San Francisco.
DWELLING, $3600; Lot 28 Blk R 16th Ave. Hay Park, San Mateo; owner, R. H. Norheim; contractor, P. McKenzie.
DWELLING, $2450; Lot 4 Blk 58 Santa Mez Ave., San Mateo; owner, D. Biosotti; contractor, Wm. Kronquist.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded Accepted
May 25, 1923—LOT 15-29 Lyon & Hoag, Burlingame. William Hill to whom it may concern. May 22, 1923
May 26, 1923—LOT 24 SAN MATEO Homestead, Husing Add to San Mateo. P. F. and Alice Hatcher to whom it may concern..May 24, 1923
May —, 1923—PART LOTS 29 & 30 Blk 5 Easton, Burlingame. Associated Oil Company to George Wolf.....May 19, 1923
May 28, 1923—LOT 32 B N HAYward Park, San Mateo. Grace R. and P. A. Oliver to Charle Hammer and Hugo Hultberg.....May 25, 1923
May 29, 1923—SAN MATEO CITY Homestead, San Mateo. Louis A Bavet to Leonard Diaguardi.....May 24, 1923
May 29, 1923—LOT 11 Wisnom Sub Blk 8 West Addition, San Mateo. Benjamin J Bagur to Edw Shaver.....May 20, 1923
May 29, 1923—PTN LOTS 1 AND 2 Blk 1, Burlingame. John N Fitz to John M Rutterdale.....April 20, 1923
May 29, 1923—LOTS 1 AND 2 BLK 4, Burlingame Park No. 3, Hillsborough. Walter S Martin to Cavagnagh & Cavagnagh....May 28, 1923
May 31, 1923—LOT 15 BLK 29 LYON & Hoag Sub, Burlingame. William Hill to J. D. Crichton....May 22, 1923
June 2, 1923—LOT 2 BLK 10, Burlingame Tract, Burlingame. C E Layton and Lillian Cook to L H Stevenson.....June 1, 1923
June 4, 1923—LOT 32 BLK 42, Easton No 3, Burlingame. W F and Josephine M Cordes to Oscar L Cavanagh.....May 29, 1923
June 4, 1923—LOT 25 BLK 60, Easton No. 7, Burlingame. Zella Wynn to H Gordan.....Nov. 15, 1922

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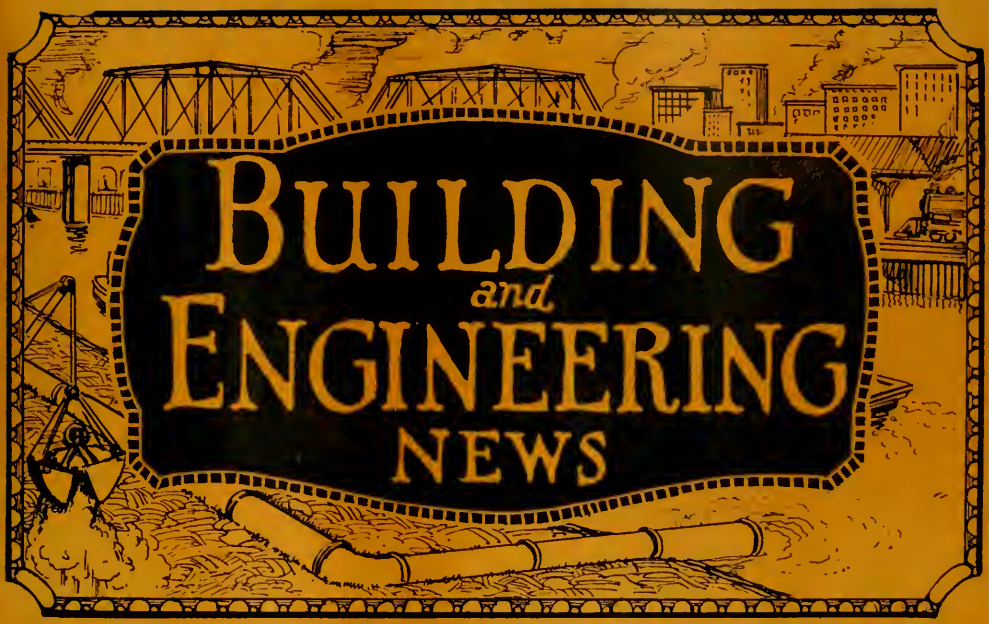
STOCKTON	PASADENA	SAN BERNARDINO	WALLA WALLA	SPOKANE
FRESNO	LONG BEACH	SANTA ANA	SALT LAKE CITY	YAKIMA



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SAN FRANCISCO, CALIF., JUNE 16, 1923

Published Every Saturday
Twenty-third Year No. 24

Schumacher
Office
210 American National Bank Building

Permanence
Economy

Wall

Warehouses
San Francisco Oakland

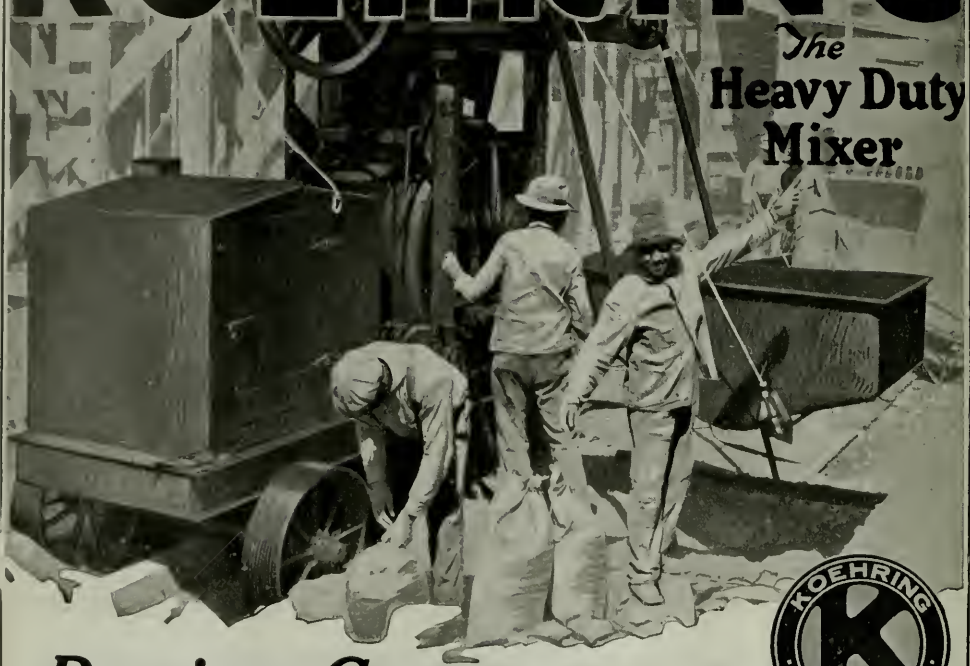
Appearance
Comfort

Board

For Sale by all Lumber and Building Material Dealers

KOEHRING

The **Heavy Duty Mixer**



KOEHRING · HEAVY DUTY

Remixes Concrete

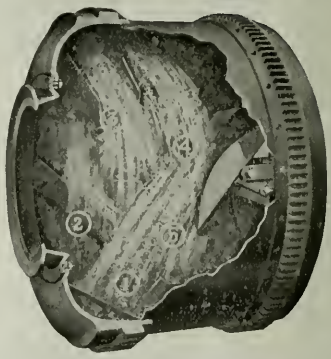
When materials have passed through mixing process once, and come to discharging side of the drum, the reversed discharge chute sprays them back to the charging side for repeated trips through the 5-action, remixing process. This spraying-showering action, at the same time prevents separation of aggregate according to size. To the last shovelful of every batch, Koehring-mixed concrete is uniform, re-mixed concrete—***dominant strength concrete***—and to every last casting and bearing, the Koehring is the heavy duty mixer of trouble-proof, long service life.

Capacities

Construction Mixers: 10, 14, 21, 28 cu. ft. mixed concrete. Write for Catalog C 000.

Pavers: 7, 10, 14, 21, 32 cu. ft. mixed concrete. Write for Catalog P 000.

Dandie: Light mixer, 4 and 7 cu. ft. mixed concrete; power charging skip, or low charging platform. Light duty hoist. Write for Catalog D 000.



(1) Blade cuts through materials with churning action. (2) Blade carries materials up, spilling down again against motion of drum. (3) Materials hurled across diameter of drum. (4) Materials elevated to drum top and cascaded down to reversed discharge chute which (5), with scattering, spraying action, showers materials back to charging side for repeated trips through mixing process.

KOEHRING COMPANY
MILWAUKEE WISCONSIN

"SOMETHING NEW"---Dandie Mixers In Stock With Rubber Tired Wheels.

HARRON RICKARD & McCONE
San Francisco Los Angeles

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday | SAN FRANCISCO, CALIF., JUNE 16, 1923 | Twenty-third Year No. 24

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NORTH CAROLINA BUILDS CHEAPER ROADS

The North Carolina State Highway Commission recently let new road contracts amounting to $3,030,099. Bids were submitted by 165 different firms of road contractors. There were twenty-one projects totalling 193.67 miles of which 63.68 miles were mostly of asphalt paving and cost $1,933,937, of $30,370 per mile, including grading, draining, bridges and culverts. The widths of the pavement were about equally divided between 16 and 18 feet. The remaining 129.99 miles were of sand clay top soil or earth, costing $1,076,290 or $8,279 per mile. Over 200 miles of asphalt roads were contracted for in North Carolina last year.

LUMBER DEMAND BRISK

Lumber production in Western Washington and Oregon, now one of the chief sawmill centers of the country, has come back with a rush after the recent temporary slump. Reports from mills accounting for more than 75 per cent of the output, are above 19 per cent of normal capacity and new business is only 4 per cent below production.

As lumber is a basic industry in this section, activity in the sawmills and logging camps is stimulating trade in retail stores and wholesale houses in this state.

BUILDING COSTS ARE HIGH DUE TO FINANCING

Financing costs for real estate enterprises of all classes are responsible for part of the so-called high cost of present day building, according to the monthly report of the Common Brick Manufacturers' Association, which says

"In all of the publicity given to construction in meetings, both local and national, little has been said about the cost of financing. Simply stating a fact, without comment or criticism, it may be said that one of the chief items of expense in connection with building is the financing. In many large apartment operations today the money costs 20 per cent. That means for every $1,000,000 borrowed for the operations only $800,000 actually goes into land and construction. The interest rate may be 6 or 7 per cent, but this 20 per cent is a 'bonus' or gift to the institution furnishing the money, which is not represented by a single brick or an ounce of steel. Similar rates apply in the building of a home. A man who would borrow $10,000 for the erection of a residence will probably pay not less than $600 as a bonus for a three-year to five-year loan. In other words, he makes a present of $600 to the financing concern for the privilege of loaning his money at 7 per cent. He pays interest on the full $10,000 during the period of his loan, but he actually never received $10,000. He has placed to his credit only $9400 and he must invest a considerable of his own money in the lot and the early stages of construction before he received a dollar on his loan. It may be six months or nine months before all of the loan has been paid to him, but he is paying 7 per cent upon $10,000 throughout the operation. A man who would build a $20,000 home must charge up against the operation certainly not less than $1000 for financing which is not represented in the building by a single brick or shingle. The cost of financing a home, whether it costs $5000 or $50,000, is greater than the subcontract for labor and material, in roofing, in electrical work or in heating. It is greater than the cost of the brick, generally speaking, and next to woodwork and carpentry, which is always the largest item, this bonus for financing is the largest individual item in the table of costs.

"The regular banker will say this shoe does not fit him, and that is true. But because the regular banker loans upon such an ultra-conservative valuation for construction he forces the builder to go to the mortgage company or the building and loan company where large bonuses must be paid to get money. This is an important factor in building today."

"RIGHT TO WORK" STATUTE

The State of Utah has enacted a law known as "the Right to Work Act." The law makes it unlawful for any person or persons acting singly or jointly with another or others, by means of any kind of force, threats, coercion, intimidation or violence, to cause or induce or to attempt to cause or induce, any person engaged in a lawful occupation to quit such employment, or to refuse or to decline to accept or begin a lawful employment. A similar bill has been introduced in the Indiana legislature.

MILLIONS FOR ROADS IN CENTRAL STATES

More than $180,000,000 will be spent on making new public highways or improving old ones this year in eight of the central states, according to a survey of figures furnished by state officials in Illinois, Indiana, Kansas, Kentucky, Michigan, Missouri, Oklahoma and Texas.

The mileage of new and improved highways that are now being built or for which contracts have been let or will be let amount to 9,464. These states and the counties composing them will furnish $149,775,000 while the government will contribute $31,385,000, making the actual figure to be expended on this work $181,160,000.

In the matter of actual cash now being expended and alloted to be expended, Missouri leads with $46,000,000. Missouri now has 1377 miles of good roads and expects to increase this to the extent of 1341 miles by December 31, 1923.

Texas leads in mileage of new and improved roads to be laid this year with an even 5,000 miles. This state will expend $35,500,000 of state and county money and $4,500,000 of government funds, making the grand total $40,000,000 for improved road work.

Illinois ranks third among these states in both mileage to be laid and money to be expended. One thousand and twelve miles are to be laid and $28,000,000 is to be spent in laying them before the end of the year.

Of the other five states, the Kansas program calls for 300 miles of improved highways and $19,085,000 has been alloted for the work.

Kentucky proposes to build 300 miles of new roads, to cost $25,500,000. Michigan's highway building program calls for 933 miles with the cost at $14,600,000. Oklahoma intends to build 428 miles at a cost of $4,675,000, and Indiana proposes to lay 150 miles of new and improved roads at a cost of $6,000,000.

FIREPROOF SCHOOL MEASURE PASSED BY SENATE

California school children will have adequate protection against death traps in public school buildings if the bill by Assemblyman J. B. Badaracco of San Francisco, providing a uniform building code for schools in this state, designated to prevent school fires, is signed by the governor.

The measure, A. B. No. 703 has passed the senate. It stipulates definiately that every school building of more than three stories must be of fireproof construction and outlines sizes of hallways, position of stairways and exits. It also provides for the specified construction of boiler rooms so as to prevent the hazard of explosions and fires.

An extensive improvement program has been begun by the Southern Pacific company at Yuma, Ariz. Projected construction, to the cost approximately $2,000,000, includes a new bridge over the Colorado river, a new passenger station and yard at Yuma, four miles of new single track main line and several other features.

WALL BED COLLAPSES AND REDRESS DISALLOWED

Users of wall beds, beware!

If a disappearing couch is defective and collapses some night, there is no legal redress to be had from the landlord, according to the precedent set in Los Angeles in the case of Fanny Priver, who sued for damages after her bed had crashed.

The court ruled that as she knew the bed was tricky, the responsibility for her injuries rested with herself alone

PUBLICATIONS

"Karnak" is the title of a 32-page booklet published by Gardiner & Lewis, Inc., 5 N La Salle street, Chicago, and devoted to structural waterproofing. Both integral and membrane methods are discussed, as are principles governing the choice of materials. "Karnak" is the trade name applied by the company to its own asphaltic waterproofing compounds, and much space in the publication is given over to a description of the uses of asphaltic and bituminous preparations. Numerous interesting illustrations show various types of structures on which the company's product has been employed, while diagrams of construction details indicate how Karnak is applied.

The Paint and Varnish Division of E. I. duPont de Nemours & Company has published a new book entitled, "Principles and Practices of Up-Keep Painting." It is a substantial volume of 200 pages, bound in fabrikoid, and its text covers in simple, practical fashion, modern painting practice for all types of exterior and interior surfaces. It has been written, according to the company's announcement, with a special view toward giving practical aid to plant superintendents and others responsible for the maintenance of industrial property and equipment and as a help to architects and engineers, in the protection of new construction.

"Something New for the Architect" is the title of a small publication published by Crane-Leslie, Inc., 522 Fifth Ave., New York, to present the special service offered by this engineering corporation with respect to the construction of clubs, hotels, dormitories, and similar structures. The firm has specialized in work of such character and claims to be able to give a unique aid through its many departments; data gathering and analytical; systematizing; contract; purchasing; and installation or superintendence.

Four Wheel Drive Auto Co., Clintonville Wis., has issued pamphlets covering minute specifications and photographs of its machine shop truck and winch equipment. The latter publication should prove of considerable interest to contractors engaged in heavy construction.

"The Beaver Plan Book" is the latest publication issued by the Beaver Products Company Inc., Buffalo, N. Y. The manufacture of Beaver Wall Board, from the forest to the finished product is outlined in its thirty-two pages which are illustrated in colors.

The Maroa Manufacturing Co., Maroa Ill., has issued Bulletin No. 26, featuring the "Eureka Brick Cleaning Machine," which the company claims, does the work of five men. The machine runs either on gasoline or kero-

United States Can Not Depend Upon Timber Importations, says Report

Any idea that the United States can depend upon the forests of other countries to supply its timber needs after its own forests have been mined out must be abandoned, declares the Forest Service, in an article in the 1922 Yearbook of the United States Department of Agriculture, entitled "Timber: Mine or Crop?" in which the necessity for regarding the country's forests as crop lands rather than as timber mines is emphasized.

"This country's present imports and exports of timber and other forest products nearly balance," says the article. "It may be expected that as local shortages develop within the next few years, as has already been the case with pulp wood in the Northeast, they will be covered in some part by importations, particularly from Canada. Our imports will probably soon exceed our exports. Any hope, however, that we may depend upon importations from abroad when our timber resources are exhausted must be abandoned."

The Forest Service points out that two-thirds of all lumber consumed in the United States is softwood—pine, fir, spruce, and hemlock. It is further stated that there are only three great bodies of coniferous timber in the world outside of the United States. One is in Canada, a second extends from Scandinavia eastward through Finland and European and Asiatic Russia to the Pacific Ocean, and the third, of relatively minor importance, is in central and southeastern Europe, chiefly in pre-war Austria-Hungary.

The article, which is the most comprehensive publication on the timber situation in the United States ever put out by the Department of Agriculture, states:

"Although Canada still possesses a vast softwood forest area, much is in the Arctic region and will be of doubtful availability for export trade. The more accessible forests are rapidly being developed to their capacity for the needs of the British Empire. The greater part of the Alaskan forests are better adapted to pulp wood than to lumber.

"In Europe the few countries still having large coniferous forests can not supply the needs of the rest of the European nations. The area formerly embraced in Austria-Hungary was over-cutting its forests prior to the war in order to export about 322 million cubic feet a year. To maintain their exports at the former amounts these countries will have to limit their own consumption to very low levels or seriously deplete their forests. They will probably do both for the next decade or two in order to rehibilitate their economic status, with the result that eventually domestic needs will absorb all that their forests can produce.

"Scandinavia has but a small surplus of structural timber. Her exports consist mainly of pulp wood and pulp. Finland and Russia are therefore the only countries in Europe which can be counted on as important sources of structural timber to meet the large needs of their nearby neighbors.

"Siberia, with her billion acres of forest fully developed, could export large quantities of timber. The forests of Siberia, however, are still undeveloped and a great part of them lie, like those of Canada, within the Arctic and interior regions and may never be available for a large export trade. The forests lying close to the Pacific Ocean are partly surrounded by nations which will be the first bidders as export trade increases.

"China, with her hundreds of millions of people, is likely to develop industrially and much of her timber needs must be supplied from the Siberian forests. Japan, although still an exporter of certain species of timber, already imports large quantities from Siberia. Even if all the Siberian timber were at the undisputed call of the United States and lumber could stand the cost of transportation from Siberia to the interior and Eastern States, the quantity available for annual export would amount to but a small part of our present consumption.

"The timber needs of the United States are so enormous, amounting to nearly half of the consumption of the world, that it is inconceivable that they can be supplied, except in small part or at excessive prices, by importations from other countries.

"Although the hardwood outlook is more promising, the difficulties in securing the amounts necessary are no less serious. The tropical forests of South America and Africa contain vast areas of hardwood timber, some of which can doubtless take the place of our own hardwoods when they are gone.

"These tropical forests, however, will probably remain undeveloped on any large scale for a number of decades. The great variety of species on each acre makes it expensive and difficult to log the scattered merchantable trees, and the little-known properties of the various woods, the difficulty in seasoning them, their heavy weight, and the high cost of transportation, may prevent their use in large quantities to replace our own hardwoods. It is doubtful whether the exploitation of tropical hardwoods can come soon and fast enough to meet our pending shortage of sawlog material material short of prohibitive costs."

ROCK AND GRAVEL COMPANIES INCORPORATE

Incorporation papers for the Service Rock Company, a Delaware corporation, have been filed at Fresno, Calif. The company is capitalized at $300,000 and will engage in the quarrying and selling of rock, gravel and other building materials. The company is backed by three businessmen of Wilmington, Delaware.

Incorporation papers have also been filed at Fresno by the Atlas Rock Company, also a Delaware corporation, backed by the same people, to engage in a similar line of business. This company is incorporated for $150,000.

STORM DAMAGES TIMBER

Supervisor Thomas J. Jones, of the Inyo National Forest, on a recent snowshoe trip into the country north of Mammoth, discovered that the winter storms had blown down over two million feet of yellow pine and Douglas fir lumber on his forest. It is believed that the severe windstorm that swept eastern California on February 12 last was the cause of this heavy windthrow. Fortunately, forest officers report that it will be possible to salvage the bulk of the down timber, as the Hess Lumber Company of Bishop is operating a government sale in the immediate vicinity.

DEMAND WILL FORCE BUILDING DESPITE INCREASE COSTS

According to Fred C. Todt, district manager of the Pacific States Electric Company, recent surveys show what may be expected in the way of building activity for the next five years. Todt says:

"Recent reports show that building operations throughout the United States became normal in the middle of 1922 for theh first time since the early part of 1915. The Pacific Coast shows an accumulated shortage of 800,000 homes and an equal number of other types of buildings, making a total of 1,600,000 building operations necessary to make up the shortage and take care of the growth of population. This means that while the first three months of 1923 showed an increase in building activities in this territory of 38 per cent above normal, economists studying this problem agree that 25 per cent per year above normal operations is required for the next five years to take care of the demand.

"Of course, high labor costs and exorbitant prices of materials will tend to curtail these operations to a certain extent; but in spite of these factors the demand is great enough to force building at an extraordinary rate.

"Building activity is always an index to commercial growth, and with such a program in sight it would appear that every sound commercial business is due for large development within the next five years, provided business men keep their feet on the ground. Bankers, financial men and economists all over the country are advising business men not to inflate or overreach in their efforts. If this warning is heeded and everybody settles down to constructive hard work our commercial and industrial future looks bright."

Todt emphasized the importance of such a widespread building program to the electrical industry. More buildings mean more electrical installations, more electrical appliances and equipment and electrical energy sold. He further emphasized the value of reliable standards in electrical construction and the use of standard materials in the houses being built. Todt believes that the present building situation offers a big opportunity for the electrical industry to consolidate its position and to insure adequate electrical service to its customers.

TRADE NOTES

The Albion Lumber Company has been authorized by the state railroad commission to purchase stock of the Outer Harbor Dock & Wharf Company, which has extensive holdings at Los Angeles harbor, to the amount of about $2,000,000. The Outer Harbor Dock & Wharf Co. is capitalized at about $8,000,000. Proceeds of the sale of securities to the Albion Lumber Co. will be used to extend the docks and build new sheds.

Announcement is made by the Riverside Portland Cement Company that it has purchased the holdings of the Golden State Portland Cement Company, at Oro Grande, near Victorville. About $2,000,000 is involved in the deal, including improvements to be made to the Golden State plant, the capacity of which is to be increased from 1200 to 3600 barrels per day.

Alfred L. Vezina, for the past eight years associated with Matthew O'Brien, San Francisco architect, and previous to that time with the State Department of Engineering and the Thompson-Starrett Company, has entered the contracting business with John Diestel, general contractor and builder. Offices will be maintained at 248 Russ Building, San Francisco.

Building Operations Must Continue — Straus

Still higher building costs, higher rents, general unemployment and a slowing up of all business will result unless necessary building operations are continued, declared W. S. Straus, president of S. W. Straus & Co., recently. Mr. Straus returned to New York after an intensive study of building conditions in England and France.

Summing up his views on the building situation in this country, Mr. Straus said:

"Above everything else all necessary building operations must be kept going on as extensive a scale as the supply of labor in the building crafts will permit. If building operations generally slacken it will mean a let-down in all other lines of business. It will mean the creation of a still more acute building shortage, higher rents, increased costs of living and general unemployment.

"The situation as it now stands, however, is by no means alarming. The law of supply and demand as well as the equally immutable instincts of human nature comprise the entire problem.

"All elements of the industry must work together not only amicably, but patriotically, to bring about stabilization of building costs.

"Prices generally will not go lower, and the longer stabilization is postponed the higher will be the eventual stabilized level. Also the higher building costs go the higher every other commodity will go.

"Ever since the summer of 1918 people have been talking about lower rents and lower building costs, but prices have continued to go higher. The fundamentals that have caused this upward swing are still in existence.

"Stabilization of building costs can be effected only through an equalization of demand and supply. This can be accomplished by postponing operations on a basis of priority in keeping with the situation in each city or community affected. For example, one city may have an adequate supply of commercial buildings, but may be short of residential structures. Conditions of progress in another city may be impeded through a shortage of industrial buildings or hotels. Still another city may have an alarming lack of school facilities. It is the patriotic duty of labor, finance, contractors, material interests and all other elements to concentrate their efforts on such types of buildings as are most vitally necessary to the general welfare of the respective communities, thus giving to the people the building now most needed and postponing for the future benefit of the industry the construction of such structures as can now be delayed in the interest of public welfare.

"Such a program will, in my opinion, stablize prices and assure a long period of prosperity not only in the building industry, but in all lines of business as well.

"Such a plan will give labor more money by furnishing steady employment throughout the year and thus remove the incentive for a continually higher daily wage.

"I realize that the means of effecting such a program lies to quite an extent in the hands of the banks and other lending institutions, because they have it in their power to make only such loans on new construction as shall prove helpful to the situation.

"In behalf of S. W. Straus & Co. I can say that it will be our policy to adhere unswervingly to such a course as shall make possible the practical application of the plans of stabilization and relief here outlined. Not only must each individual loan comply with all our usual requirements for safety, but the borrower must be able to show that his project is a vital and immediate necessity in his community and that it will not interfere with any other project of perhaps still greater public need. Such a course has in fact been one of the fundamental policies of S. W. Straus & Co. in making loans on new buildings throughout the country, and our course in the present situation represents no change of attitude on our part excepting an absolute refusal to finance any project which might, through the processes of competition, in the slightest degree tend to create undue advances in building costs in the community affected and thus delay the advent of stabilized conditions."

J. D. ISAACS, S. P. CONSULTING ENGINEER, RETIRES

After nearly half a century of active service, John D. Isaacs, Consulting Engineer for the Southern Pacific Company and one of the leaders in the world of railroad engineering, has retired from active service.

Isaacs' career compasses a variety of achievements such as is found within the span of few individual lives. He may be classed with the foremost builders of the West, for he was connected with most of the Southern Pacific work in developing the Pacific Coast. He was on inventor of note, a daring experimenter, an accomplished structural designer and architect and an expert on track and maintenance of way. Outside of the railroad world he is best known as the man who made the first device for making moving pictures.

He was born in Richmond, Va., 1849 and entered the service of the Southern Pacific Company in 1875 as a draftsman in the Sacramento shops. Issacs began solving difficult mechanical problems from the outset of his career and practically every big engineering work undertaken by the company for many years has been carried out under his direction.

It was in 1875 that Isaacs completed the device which marks the birth of the movie industry. Leland Stanford, who was a close friend of the young engineer and who often sought his advice in mechanical problems, had made a bet of $25,000 with James W. Keene that a trotting horse at one period of its stride had all four feet off the earth at once. Isaacs secured a strip of pictures which settled the bet in Stanford's favor, by using a series of cameras, the shutters of which were released by an electro magnetic device designed by Isaacs. The experiments were made at Stanford's Palo Alto farm and the original pictures are still preserved in the museum at Stanford University.

Isaacs' headquarters since 1913 have been in New York. His home is Long Island.

MONTANA GETS ROAD FUNDS

Expenditures totaling $342,000 of national forest highway funds for five road-building projects in Montana have just been approved by the Secretary of Agriculture. This money was made available for roads serving the national forests and for roads within or adjacent to the forests which are of primary importance to States, counties and communities.

One of the projects calls for the construction of ten and one-half miles of road in Lincoln County between Warland and the end of the Federal Aid Highway. This project, for which $100,000 has been approved, lies within the Kootenai National Forest, and forms a link in the Libby-Rexford road. It is extremely important to the adjacent territory besides aiding in the administration and protection of the Kootenai Forest.

FIRE HAZARD IN CONCRETE CONSTRUCTION

(Reprint: American Contractor)

Fire underwriting practice on reinforced concrete buildings is being revised as a result of the heavy loss in January on the McDougall terminal warehouse at Duluth, Minnesota, and other similar fires. The enormous amount of light wooden forms used for the pouring of concrete presents a hazard greater than that prevailing in buildings of ordinary construction, while the use of open salamanders when the work is being done in cold weather adds to the dangers. It had been thought that concrete buildings were less hazardous than those of ordinary construction, but this and other similar losses tend to disprove this theory.

The heating hazard is the serious feature, as large numbers of salamanders are necessary to dry out the concrete, especially during cold weather. In the McDougall warehouse fire the origin is attributed to the heavy canvas side walls which were used on the third, fourth, and fifth floors to retain the heat, as the curtain walls were not erected on the upper floors until the concrete work had been completed. It is understood that one of these canvas curtains was loosened by the wind, blew over one of the Salamanders, and caught fire. The fire spread with unusual rapidity because it ignited the inflammable gasea generated by the hard coal fires, which had accumulated under the ceilings.

The Duluth warehouse was a concrete building on the flat slab system, and the heavy loss was chiefly due to the large amount of wooden forms within which the concrete had been poured. There was over a million feet of lumber in the building. As it was being constructed during cold weather the concrete floors, as laid, were covered with several inches of shavings and were heated by salamanders burning hard coal. The heat was retained by heavy canvas exterior curtains. Coke is ordinarily used, but it could not be secured. Hard coal was used, and this generated inflammable gases which were an important factor in the loss.

The fire originated at 5:15 p. m., shortly after the men had quit work, presumably from one of the salamanders. It spread so rapidly that the three men in the building at the time, including one of the contractors, had difficulty in escaping. The rapid spread of the fire is attributed to the combination of shavings over the floors, wooden props and form boards, and gas from the burning hard coal in the salamanders accumulating at the ceilings throughout the entire building. The pouring of cement was practically completed the day before the fire and the form boards and props had been removed from the first and second floors, but remained on the third, fourth and fifth floors.

Effects of a Disastrous Fire in a Duluth Warehouse While the Building Was Still Under Construction. Picture Shows the Consequences to the Green Concrete on the Fourth Floor. It Effectively Illustrates the Fire Hazard from the Quantities of Form Lumber Used in Reinforced Concrete Construction.

Extent of the Damage

The structure is 488 feet long and 130 feet wide, and four or five stories high in various sections, with no division walls. It was to be the last word in concrete construction. The flat concrete slabs used are 9 and 10 inches thick, reinforced by three-eights and one-half-inch steel rods, with columns 22 to 30 inches in diameter. There was a 12-inch city main directly in front of the property, with three hydrants within 300 feet, but the fire department could do little except to save the exterior frame work.

The fire burned rapidly and fiercely for twenty minutes until the shavings were consumed, and continued for about an hour and a half before being brought under control. As the props burned and fell the ends of the floor forms dropped, allowing the fire to get in between the floor forms and the concrete, causing complete destruction of the lumber and heavy damage to the concrete slabs.

The outer coverings on all the columns on the fourth and fifth floors and part of the third floor were cracked and disintegrated, and in many cases the cores themselves were damaged beyond repair. The fourth and fifth floor slabs were badly chipped and cracked on the under surface, requiring replacement of a large portion. The fourth floor at the north end of the building was finished only the day before the fire and collapsed completely. Several of the plates in the steel members buckled under the intense heat.

That part of the concrete damaged beyond repair is being removed by cutting with chisels and hammers, acetylene torches being used on the steel rods. The cost of removing the damaged concrete is not determined, but that of the new concrete ran from 40 to 50 cents a square foot. Under the

intense heat much of the steel reinforcing expanded, breaking the bond between it and the concrete. The cost of removing the concrete work requiring rebuilding is estimated at 25 per cent of the original construction cost.

Under-insurance is another serious feature of the loss. Only $150,000 was carried, although the sound value of the building at the time of the fire was fixed in the adjustment at $675,000, and the completed structure was to have cost over a million. The claim made in the proof of loss was $312,809.92. The loss is therefore total to the insurance and very heavy to the contractors and the owners of the building.

The contractor was probably misled by the common belief that concrete builders' risks were less susceptible to damage by fire than ordinary structures, but this and similar losses show the danger during the construction period, when the building is a forest of inflammable lumber. It is known that several insurance inspectors who went over the job shortly before the fire warned the owners that they were taking great chances in not carrying more adequate insurance, in view of the highly inflammable condition of the interior and especially the use of hard coal in the open salamanders, generating inflammable gas.

Builders' risks are very apt to be under-insured. The contractor puts on what he regards as an adequate amount for the early stages of construction and then, engrossed in his work, neglects to increase it as values are enlarged. This is true not only in the McDougall warehouse loss, but in many other builders' risks, where large values are eventually involved.

ORGANIZATION NEWS

(Continued from Page 5)

A. S. N. E. NOMINATE OFFICERS

At the Spring Meeting of The American Society of Mechanical Engineers in Montreal, May 28-31, the Nominating committee presented the following nominees for the offices of the Society for next year. (election by ballot will be held in the fall): President, Fred R. Low, Editor, Power, New York City.

Vice-President: George I. Rockwood, President and Treasurer, Rockwood Sprinkler Company, Worcester, Mass.; M. L. Cooke, Consulting Engineer in Management, Philadelphia, Pa.; W. J. Sando, Consulting Engineer, Milwaukee, Wis.

Managers: E. O. Eastwood, Professor of Mechanical Engineering, University of Washington, Seattle, Wash.; F. A. Scott, President, The Warner & Swasey Company, Cleveland, Ohio.; E. R. Fish, Vice-President, The Hoine Boiler Company, St. Louis, Mo.

Treasurer: W. H. Wiley, President, John Wiley & Sons, Inc., New York City.

Delegates to the American Engineering Council: Dexter S. Kimball, Dean of the College of Engineering, Cornell University, Ithaca, N. Y.; William Schmanhausser, Chief Engineer, Worthington Pump & Machinery Cptn., New York, N. Y.; S. W. Stratton, President, Massachusetts Institute of Technology, Cambridge, Mass.; P. F. Walker, Dean of the School of Engineering, University of Kansas, Lawrence, Kan.; F. K. Copeland, President, Sullivan Machinery Company, Chicago, Ill.; J. T. Faig, President, Ohio Mechanics Institute, Cincinnati, Ohio.; R. E. Flanders, Manager, Jones & Lamson Machine Co., Springfield, Vt.; C. C. Thomas, Dwight P. Robinson & Company, Inc., Los Angeles, Calif.; W. B. Powell, Treasurer, Industrial Planning Corporation, Buffalo, N. Y.

S. F. ARCHITECTURAL CLUB TO VISIT SANITARY PLANTS

Members of the San Francisco Architectural Club will be guests of the Pacific Sanitary Manufacturing Company on Saturday, June 30, when they will visit the company's plants at Richmond and San Pablo. Luncheon will be served by the company which has appointed a special committee from the various units of its forces to accompany the members through the plants and explain every process to which the products manufactured are subjected. Members of the club will assemble at the Ferry Building, boarding the 8:40 a. m. Southern Pacific boat from which time they will be in the keeping of the Pacific Sanitary Company who will see to it that their wants are provided for until they are again released at the Embarcadero in the evening.

Ernest Weihe, winner of the Paris Prize Competition in 1919, has returned to San Francisco after an absence of three years spent in study in Paris, Italy and other countries of Europe. His return was welcomed by the San Francisco Architectural Club by a banquet in his honor on June 1, at which a large number were present.

The regular monthly business meeting of the Club was held on June 6th. One of the outstanding features of this meeting was the interesting and instructive lecture given by Mr. Stockwell, Illuminating Engineer of the Pacific Gas & Electric Company, on the subject "The Architect as an Illuminating Engineer." The strict attention given during his talk, and the interest manifested in the form of questions by which Mr. Stockwell was bombarded mercilessly for an hour thereafter, showed that his message had been brought home to the boys and that he had accomplished his first purpose, that of arousing their interest.

Nominations for Treasurer and two Directors were made at the last meeting. They were as follows: Treasurer, Lawrence Keyser; Directors, John B. McCool and William Rowe.

PACIFIC COAST ELECTRICAL ASS'N. TO MEET

Accommodations for between 700 and 1000 delegates to the Pacific Coast Electrical Association convention, to be held in San Francisco June 19 to 23, inclusive, are being arranged at the Hotel Fairmont, where the sessions will be held.

Among the topics listed are: "Western Hydroelectric Development," "The Importance of Electrical Power in Relation to Industrial Growth" and "Electricity as a Form of Crop Insurance." E. O. Shreve, San Francisco manager of the General Electric Company, is general convention chairman.

Prominent men who have declared their intention to be at the convention include Governor Richardson, Governor Scrugham of Nevada; Governor Mabey, Utah; Willis Booth, president of the International Chambers of Commerce; A. C. Hardison, president of the California Farm Bureau Federation; Paul Shoup, vice-president of the Southern Pacific Company and director of the California Development Association, and D. H. Botchford, vice-president and general manager of the Columbia Steel Company.

The Union League Building Corporation, which controls the building in which the Union League Club of Los Angeles is housed, has filed a petition in voluntary bankruptcy in the U. S. District Court at Los Angeles. The club will continue its existence in the building, directors announce.

FRESNO BUILDERS READOPT 1922 WAGE SCALE

The wage schedule of building crafts in Fresno will remain unchanged during the coming year under the 1923 agreement between the Fresno Building Trades Council and the Fresno Builders Exchange.

The 1922 agreement terminates June 16 and the new agreement will become operative for a period of one year. The new agreement carries the same working rules as the old.

The wage scale for crafts follows

Plumbers, $9.25; steam fitters, $9.25; electricians, $9.25; sheet metal workers, $9; lathers, $9; engineers, $8; carpenters, $8.50; painters, $8.50; glaziers, $; mill men, sash and door, $7; bench men, $7.50; teamsters, $6; bricklayers, $10; plasterers, $10; cement finishers, $9; iron workers, $9; roofers, $8; plaster hod carriers, $8; brick hod carriers, $7; cement workers, $7; common laborers, $5.50; lumber yard and mill labor, $5.

The agreement was reached by the conference board, which is made up of ten members, five from the Builders' Exchange and five from the Building Trades Council. Representatives from the exchange are: R. F. Felchlin, A. W. Bernhauer, H. H. Courtwright, F. B. Billings, and George A. Faris. Building trades representatives are: W. C. Adkins, C. C. Jarman, J. J. Creem, O. D. Fincher, and James Lieper.

The amicable conclusion of negotiations between the unions and employes as represented in the announcement of the 1923 agreemen is regarded as another demonstration of the success of the "Fresno Plan" of settling industrial problems between employer and employes, board members say.

About 2,000 employes are affected by the wage scale, according to Manager Chrouch of the Builders Exchange. According to a recent survey the exchange members are employers of approximately 85 per cent of these employes.

SANTA CRUZ ENGINEERS HOLD DINNER MEETING

The Santa Cruz Club of the American Association of Engineers held its dinner and meeting at the St. James Hotel dining room. The dinner was one of the most successful ones held since the organization of the club. A. R. Wilson, manager of the Granite Rock Company, gave an interesting account of his trip to Chicago, where he attended the conventions of the National Crushed Stone Association and Good Roads Association. He spoke of the importance of the engineer in the correct management of the stone quarries as relates to their chosen profession, and also best business administration. Lloyd Aldrich, consulting highway engineer of San Francisco, gave a most instructive talk pertaining to the test highway constructed at Pittsburg, Calif. T. V. Tronoff, secretary of the club, who is leaving to work in other fields, gave a farewell talk and dwelt upon the importance of co-operation between all engineers. Lloyd Bowman was toastmaster of the occasion, and with the assistance of "Kernel" C. B. Younger (visiting C. E.) kept all in good humor. The following were present: W. J. Kilkinson, James K. James, B. C. Vrooman, H. B. Kitchen, Joseph Riordan, R. B. Cozzens, W. H. Oliver, W. Hughes, V. W. Gilkey, N. E. Wasgaft, A. A. Harton, C. B. Younger, J. P. Devitt, E. R. Muttersbach, P. L. Crowfort, John E. Porter, Kenneth Gregory, N. L. Patterson, Theo. V. Tronoff, Lloyd Aldrich, Lloyd Bowman, A. W. Wilson, H. O. Beck and Geo. W. Smith.

NEW YORK BUILDS NEW CITY ANNUALLY

Every year the equivalent of a city of more than 500 buildings is demolished on Manhattan Island, and every year a new city of the most imposing types of construction rises to replace the demolished city.

This annual disappearance and reappearance of a vast city within a city offers an interesting revelation of the tremendous forces which constantly are exerted to provide building facilities for Manhattan. In no city in the world are such Herculean processes of demolition and rebuilding at work as there are within the limited confines of this island.

According to statistics made public by S. W. Strauss & Co., from compilations by the Building Department of the Borough of Manhattan ,there were during the ten-year period, 1913 to 1923, a total of 3609 buildings of all types completed against a total of 5736 of all types demolished. These figures include 235 one and two-family dwellings erected against 2242 demolished, and 926 tenements and apartments erected, against 1258 demolished.

ELECTRIC PRIZE AWARD

The Southern California Electric Company of Los Angeles was awarded the Charles A. Coffin Foundation's gold medal for signal achievement in the development of electric light and power during 1922, at a meeting of the public policy committee of the National Electric Light association held in New York June 7. The award was the first conferred by the foundation and was given the California company for its inauguration of electric transmission at 220,000 volts over a distance of 240 miles, the highest commercial voltage in the world. A check for $1,000 also was presented to be applied to the employes' benefit fund of the company.

L. A. VOTERS REFUSE TO ENDORSE POWER BONDS

Los Angeles voters failed to endorsa the proposal for the city to issue bonds of $35,000,000 to develop electric power at Boulder Canyon on the Colorado river. The vote was 41,264 in favor and 28,319 against the issue, a few hundred votes short of the necessary two-thirds majority.

Bond issues of $7,500,000 for a new city hall and site, $50,000 for additional ground for the site of a new public library, previously authorized; $15,000,000 for harbor improvements; $2,000,000 for viaducts and $1,500 for playgrounds were carried by large majorities.

MODESTO SCHOOL LUMBER IS REJECTED

Jas H. Moose, Modesto architect for the elementary schools being constructed in Modesto under a recent bond issue has refused to accept two carloads of lumber shipped by the Hutchinson Lumber Company of Oroville, on the order of Herndon & Finnegan, contractors. The refusal of Architect Hoose to accept the material has been approved by Architects J. J. Donovan and Hugh Davis, who are associated with Hoose on the work, according to word from Modesto.

Specifications call for No. 1 Douglas fir. The contention of the architect is that the material is California red fir and an inferior lumber for construction use."

Reduction In Varieties Of Asphalt

In a meeting of producers and consumers of asphalt held May 28 at the Department of Commerce, Washington, the 88 varieties of asphalt used for paving purposes were reduced to 9, and 11 varieties upsed as brick and stone block fillers were cut to 4. Since 3 of the grades adopted for fillers are identical with 3 of those adopted for paving use, the actual reduction is from 102 to 10, or practically a 90 per cent elimination

The meeting was the outgrowth of a preliminary conference of producers on April 21, 1923, called at their request by the Division of Simplified practice which is co-operating with various industries in their efforts to reduce waste by elminiating superfluous varieties. At the first meeting the producers volunteered to send to the Department statements covering their individual shipments for 1922 of various grades of asphalt, as defined by penetration limits. This was done and the summary showed that 81 per cent of their 1922 shipments in 888 varieties fell within the 9 grades included in the tentative specifications of the American Society for Testing Materials. The other 19 per cent of the total tonnage was outside these grades.

After brief discussion the above action was taken. The producers were represented by delegates from the Asphalt Association, and also by representatives from asphalt companies not members of the Association. The consumers were represented by engineers and other officials from various state and city highway departments.

The conference unanimously agreed that grades of asphalt used in construction of sheet asphalt, asphaltic concrete, and asphalt macadam, pavements, and also for surface treatment should be reduced to the 9 grades having the following penetration limits:

25 to 30	50 to 60	100 to 120
30 to 40	60 to 70	120 to 150
40 to 50	85 to 100	100 to 200

In adopting these limits, it is understood that the producer will furnish asphalts with penetration equal to the mid-point in each range, a plus-and-minus tolerance from that mid-point being acceptable to all parties, but in no case shall the deviation from the mid-point exceed the limits of the grade specified.

By way of explanation, the consistency of asphalt is measured by "penetration." This means the distance a standard needle will sink into a sample of asphalt when the asphalt is maintained at 77 degrees Fahrenheit, and the needle is operated under a load of 100 grams for 5 seconds. Each "point of penetration represents the movement of the needle through 1/100 of a centimeter, or approximately 1/254 of an inch. This is the standard test of the American Society for Testing Materials, and has been adopted as a tentative American standard by the American Engineering Standards Committee.

The conference also unanimously adopted 4 grades of joint filler for various types of construction—30-50, 50-60, 60-70, and 85-100. The first is used primarily for brick pavements and does not require admixture with sand, whereas the latter three, which are identical with three of the grades adopted for asphalt pavement construction, are those which would ordinarily be used in a mixture with sand to produce an asphalt grout.

This gives a total of 10 grades by penetration limits for asphalt used in construction and treatment of roads and pavements. It is the hope and expectation of all present that this reduction in variety will bring notable economies in the production, sale, and use of asphalt, all of which in due time means to the taxpayer "more miles of highway per dollar spent."

It was further agreed that this elimination should become effective in all deliveries of these materials made after January 1, 1924.

RAILROAD WORK OFFERS GREAT OPPORTUNITY, SAYS ENGINEER

Men of only average abilities achieva the highest success, in the opinion of J. D. Isaacs, who retires this month as consulting engineer for Southern Pacific Lines, having worked his way from draughtsman to one of the most important engineering jobs in the country.

"The qualities of success are possessed by nearly all of us," he says.

Railroad work offers unlimited opportunity to young men, according to Mr Isaacs, who gives the following word of advice to the ambitious in the Southern Pacific Bulletin:

"Any suggestions from me as to qualifications for success to young men would naturally be confined to those who might desire to enter railroad service. In this respect the field is as wide open, the opportunities for advancment fully as great as they have ever been, and the ultimate reward quite as substantial. To achieve success depends in all cases upon the ability and energy of the individual. Perhaps the qualifications most essential of all others are preservation of character and honesty of purpose, and unswerving attention to duties whatever they may be.

"The abilities of practically all of us, including those who have achieved the highest success in the railroad world, are generally average abilities. Any young man can, by giving the best that is in him to the task in hand, make the most of his opportunities and gradually work his way upward to a satisfactory position, even though he fails to reach the heights. He must be amenable to discipline, shirk no duty, be loyal to his superiors and to the Company for which he works.

"The qualities of success are possessed by nearly all of us and, if rightly applied, the road will not be difficult to the young man wishing to travel it."

MAY STEEL OUTPUT SETS NEW RECORD

Production of ingots in May by 30 companies, which in 1922 produced 84.13 per cent of the country's total, was 357,753 tons, as compared with 3,321,278 tons in April, according to reports to American Iron & Steel Institute.

On the basis of these figures the country's total output of steel was 4,200,000 tons in May no previous month in the history of the industry has production touched the 4,000,000-ton mark. This production means that 157 tons or 3516 pounds of steel were made with every tick of the clock.

Output of approximately 4,200,000 tons for May against 3,947,000 in April. Month's output was a daily rate of 135,600 tons.

For the five months ending May, the 30 companies reporting to the Institute produced 16,431,749 tons of steel, indicating a total country's output of 19,530,000 tons.

LOS ANGELES BUILDING RECORD FOR MAY

Los Angeles' building record for May, 1923, fell only a little over two millions short of the high monthly record and is the second largest total for any month. The number of permits issued was 5184 and the estimated valuation was $18,926,881, a little more than double the valuation for May, 1922. Permits for several large building projects issued during the last two days of the month swelled the May total considerably. These included an $800,000 permit for the office wings of the arcade building in Mercantile Place, a $750,000 permit for the Cooper Dry Goods Company's building on Los Angeles St., a $300,000 addition to the Bullock store on Hill St., and a $450,000 warehouse for the May Company on Grand Ave. Class A construction for May aggregated a little less than four million dollars. Ordinary building operations made up the bulk of the big total for the month.

Following is the record by months for 1923 to date, with the record for the corresponding months of 1922:

	1923	1922
January	$11,258,517	$ 7,975,168
February	12,080,310	7,579,798
March	21,196,087	10,964,821
April	15,352,914	12,959,686
May	18,926,881	9,327,004

Housing operations for May held up closely to the ratio established for the year. A total of 2219 permits were issued for dwellings, flats and apartments, estimated to cost $10,614,534. These buildings provide accommodations for 4259 families, or an addition to the city's population of approximately 19,165 persons, based on the census average of four and a half persons to a family. Following is the housing record by months for the year 1923:

	No. per.	No. Fam.	Value
January	2018	3071	$ 7,361,826
February	1703	3092	7,064,483
March	2438	4353	12,078,220
April	2099	3423	8,522,112
May	2219	4259	10,614,534

The total for 1923 to date is $78,814,739, an increase of $30,007,745 over the corresponding period in 1922. Indications point to a total of more than $90,000,000 for the first six months of the current year.

CALIFORNIA GROWN MAHOGANY

California already famous for its forests of giant redwoods, may in time also boast of its vast acreage of mahogany, according to officials of the United States forest service who are watching the growth of seedlings planted in Los Angeles a year ago at the suggestion of Rev. Coleman C. Hartzler, African missionary.

Hartzler, when he arrived in this country to begin a twelve months' leave of absence, brought with him a large number of mahogany seeds. He was convinced that mahogany trees would thrive in this state, since they require practically the same climate as oranges.

Friends to whom the missionary distributed his collection of African seeds planted them in their back yards and in the parkways in front of their homes, trusting to providence and fair weather to make their "imported trees" a success.

A goodly crop of two-foot saplings which has sprung up in these various backyards and frontyards since then has convinced Hartzler that he was right, and has turned the attention of forestry experts to the potential commercial value of his experiment in mahogany.

Prosperity and The Building Trades

By Geo. Woodruff, Vice-President, National Bank of the Republic, Chicago.

It was not so very long ago that the business men of our country were looking forward to an improvement from depressed business conditions and were basing their hopes for an era of prosperity upon three factors:

FIRST—The building up of surplus bank reserves which would make possible a large extension of credit for financing a greatly increased volume of business.

SECOND—The development of a domestic trade boom due to increased buying power that would follow the lowering of the retail cost of manufactured goods and the raising of the prices obtained by grain growers, and due also to the general need for houses, roads, railroad repairs, and various types of goods and supplies, resulting from curtailment during the war years.

THIRD—An increased foreign trade activity following such a settlement of European political and social problems as would make possible the sale of foreign securities in America, the proceeds of which could be used to pay for European purchases in this country.

Present Conditions

At the present time the prosperity that our business men had been looking for is actually in full swing, but this prosperity did not develop just as had been expected. First, it is, of course, true that we have experienced a great increase in surplus bank reserves and that ample credit, is available for the financing of our business activities. Second, it is also true that a domestic trade boom has developed, but the basis of this boom has not been entirely sound, because the liquidation of manufacturing costs was cut short during 1922, while the price obtained by grain growers did not materially improve, the consequence being that the purchasing power of the large agricultural classes has been decreasing instead of increasing and our domestic trade activity has consequently been temporarily supported almost entirely by the filling of the urgent needs resulting from the curtailment during the war. Third, our present prosperity does not enjoy the degree of permanency that would come from an increasing foreign trade, for Europe has not been able to sell securities in America in large volume, and the people across the water have therefore not yet been able to buy of us the machinery, supplies, and raw materials that they need in order to make up for the shortages of recent years.

How Long Will Prosperity Last

In view of the somewhat unsound basis of our present prosperity many people are asking how long this prosperity will last, and in this connection it is interesting for us to note, first of all, that our very satisfactory credit situation shows no signs of weakening for some time to come. This is well illustrated by the chart showing the surplus reserves of the Federal Reserve System.

Next we must give consideration to the fact that many of our pressing needs due to war curtailment have now about been filled, and that the great activity of the building industry now remains as the one most important factor in prolonging our present lively domestic trade.

The purchase of our agricultural classes usually form the backbone of any great domestic activity, but no immediate increase in the purchasing power of the farmers would seem to be impending. The condition of the farmer is illustrated by the chart of grain prices and the retail prices of the commodities usually purchased by farmers. It will be noted that the price of these commodities has been constantly rising of late, while the price received by the farmer for his grain has been practically standing still.

Then, we must also consider the present outlook for a prompt increase in foreign trade, which, unfortunately, does not seem to be very alluring, because while Europeans are anxious to buy in our market, they have no way of paying for their purchases. The chart showing the exports from the United States illustrates the fact that while we are doing a considerable foreign business we are not carrying on an export trade that will support the full operation of our enormous productive capacity.

After carefully studying the important factors entering into our business activity we are forced to conclude that our building boom has been supporting our recent prosperity, and this is well illustrated by the chart showing building permits issued in the principal cities of the United States. Never in history have we had such a great amount of building, and the stimulating effect of this construction activity has been felt in practically all manufacturing lines.

In view of existing conditions it is of great importance for us to note that at the present time there are indications that increasing costs will slow up building activities and that there are many current reports of a buyers' strike. Of course, if such a "strike" should come about there may develop a belief that it will be well to wait for a very considerable fall in building costs before going ahead with building contracts and this would be a very unfortunate development, because if our building activities are now interrupted the chief support of prosperity will be withdrawn and some degree of business recession will follow. It would therefore seem as if those who are engaged in the building industry could render a great service to themselves and to the country if they were now promptly to adopt the slogan, "Build in 1924," for such a slogan would tend to hold costs down during 1923, prevent any undue spread of the talked of buyers' strike and at the same time keep the people of our country in a mood to build. Prospective building activity in 1924 would tend to convince the people that it would be unprofitable to cancel building plans with the idea of waiting for prices to go to the "bottom," as an active year in 1924 would mean that there would be no "bottom" for some time to come.

Possible Prolonged Prosperity

While all well informed business men admit the possibility of a moderate business recession before the end of the year, nevertheless it would seem that those engaged in the building industry are the "pinch hitters" who may be able largely to prevent this threatened slump. If our present building activity proceeds to fall down, the ensuing business recession will considerably decrease our prosperity until we can gather ourselves together for a fresh start, but if the building industry is able to tide us over into 1924 we may then find that a settlement of European social and political questions will make possible the sale of large amounts of foreign securities to American investors, and the proceeds of the sale of these securities would be used by Europe for the purchase of American goods. Such a development would prolong our prosperity for some time to come, because of the manufactured goods that would be shipped to foreign shores and because of the

increased purchasing power of the grain growing sections of our country that would follow the increased demand for agricultural products on the part of the people across the sea.

Upon the intelligence, team work, and vision of American builders now depend the immediate continued prosperity of the nation.

MONOLITH PLASTIC CEMENT STANDS SEVERE TEST

The Monolith Portland Cement Company, operating at Monolith, Calif., is in receipt of a letter from A. G. Clabaugh, branch manager for the Patten and Davies Lumber Company at Puente, Calif., wherein Clabaugh advises of a severe fire and water test in which Monolith Plastic Cement showed the product as "non-absorptive and waterproof."

The letter, under date of April 23, 1923, addressed to the Los Angeles office of the company, follows:

"It may be of interest to you as a matter of record that Puente plant of Patten & Davies Lumber Co. was completely destroyed by fire on March 26, 1923.

"At this time we had in stock about 400 sacks of regular Portland cement and approximately 600 sacks of Monolith Plastic cement. All sacks containing cement were destroyed.

After thoroughly testing these materials it was found that practically all of the Monolith Plastic cement could be used in the foundations of our new buildings.

"The enclosed photo taken this date, four weeks after the conflagration shows the cement exposed, during which period there were several days of rain. During the fire, and for many days afterwards the timbers upon which the cement was carried were burning and the Plastic cement now being used is found to be still of a great heat.

"We have to date used over 400 sacks of Plastic and expect to be able to use the balance as our loss will evidently be negligible.

"This remarkable demonstration, under such severe conditions bears out all your claims as to the "non-absorptive and water proof" qualities of Monolith Plastic cement, and we will be glad at any time to certify to the above facts."

SACRAMENTO FILTRATION PLANT IS PROGRESSING

That work on the filter portion of the Sacramento filtration plant rapidly is nearing completion, is indicated in the May report submitted to City Manager H. C. Bottorff by George Calder resident engineer of the project. To date more than 62 per cent of the Mathews Construction Company's portion of the contract has been completed. This contract calls for an expenditure of $771,957, of which $479,791 already has been expended.

The sedimentation basin structures are more than 80 per cent completed. The bond issue provided $218,825 for this work of which $176,540 already has been spent

Calder's report on other items of the filtered portion of the contract follow:

Sedimentation basin equipment, 61 per cent completed. $29,624 expended; head house filters and structures, 65 per cent completed; $92,147 expended; equipment for the head house and filters, 65 per cent completed, $60,844 expended; sump, 98 per cent completed $18,554 expended; coagulant building 59 per cent completed; $29,675 expended, coagulant building equipment, 57 per cent completed; $27,[illegible] expended outside piping, 65 per cent completed $16,415 expended; outside piping, 40 per cent completed, $[illegible] expended, general fill, 27 per cent completed, $22,907 expended.

Federal Aid For Highway Maintenance Urged

Federal aid in the maintenance of highways across unappropriated public lands and Federal reserves, and increased appropriations for the construction of such highways will be urged at the next session of Congress by the American Automobile Association, according to the message brought back to California and other western states by C. C. Cottrell, Manager of the Good Roads Bureau of the California State Automobile Association.

The enthusiastic support of the American Automobile Association, a national organization with affiliations in every state of the Union, of the policies which the California Association has been trying to get adopted for several years is now assured, Cottrell says.

Cottrell has just returned from the conference in Washington, which resulted in getting Secretary of Agriculture, Henry Wallace, to approve the Wendover cut-off on the Victory Highway route through Western Utah for Federal aid, thereby assuring a good transcontinental route to San Francisco and Northern California points He said that with the backing of the American Automoblie Association he believed the prospects for securing additional Federal aid in solving the highway problems of the western states were materially brighter.

With nine-tenths of the area of Nevada, three-fourths that of Utah and 46 per cent of the area of California in Government ownership as unappropriated lands or Federal reserves, the burden of building roads across these public lands has been an unbearable one on the state treasuries, Cottrell points out. Like conditions prevail in many other western states. These states have found it impossible to construct and maintain roads across government lands from money obtained by taxing only a fraction of their areas.

Some relief in the matter of the original construction of roads through these government lands came with the Federal Aid Road Act and more wttn the so-called Graduated Scale but the burden of maintaining these roads still falls upon state funds. With the backing or a national organization like the American Automobile Association, Cottrell believes that it will be possible to secure Federal aid for maintaining these roads as well an increased appropriations for their construction.

Cottrell represented the California State Automobile Association and the California State Highway Commission at the hearing on the Wendover cut-off controversy. While in the East, he attended the annual meeting of the American Automobile Association, with which the California Association is affiliated, and interested that organization in the highwy problems of the Western States.

As the result of Cottrell's presentation of the highway problems in the western states, the American Automobile Association unanimously adopted the following resolution:

"RESOLVED—It is the opinion of the American Automobile Association, assembled in annual convention in New York City on May 22, 1923, that the obligation of both building and maintaining highways across unappropriated public lands and Federal reserves should be a function of the Federal Government rather than of the states in which such lands or reserves are situated."

In discussing the problems of the western states, at the annual meeting of the American Automobile Association, in the matter of building roads and highways through government lands and reserves, Cottrell said:

"While our organization represents only 45 of the 58 counties in California, the Good Roads Bureau of the California State Automobile Association feels that the highway problems of all of the West are our problems nd that we should do what is possible for their solution. If we are in any degree successful, we of California will reap some of the benefit and if we fail the development of our section of the country will continue to be retarded.

"Much of the national legislation favorable to the West has been obtained in a large degree through the American Automobile Association We have now won the hearty support of that body on any other important matter.

"Until a few years ago western states were required to take money out of their own state treasuries—money that was obtained by taking only a fraction of our area—to build roads across public lands. Some relief came with the Federal Aid Road Act and more with the so-called Graduated Scale. Congress has recognized its obligation there and has spoken to the extent that it will share one-half of the obligation as far as construction of highways through public lands is concerned but not one cent for the eternal maintenance.

"We believe that if this is a correct principle for one activity it is for the other. The treasuries of the western states are being rapidly depleted. We have met this unjust and unhealthy condition to the limit. In many states bonds have been issued to the limit permitted by their constitutions.

"It is time now that Congress looked this proposition of maintenance square in the face. We are willing to provide a share of the funds necessary to construct highways across unappropriated public lands. We ask the United States to come in and help us maintain them. If Congress fails in this duty the Western States will have their backs to the wall very shortly.

"The present Federal Aid appropriations will be exhausted in a very short time and the incoming Congress should make provision for other funds."

MAY LUMBER SHIPMENTS FROM COLUMBIA RIVER IS HEAVY

The lumber shipments by water from the Columbia river for May were the largest in several months. This was occasioned by the heavy foreign demand, in excess of 33,000,000 feet going across the sea, while over 35,000,000 feet were shipped to points in California. An unusual feature of the month was that the shipments by the upriver mills exceeded those from the lower river plants by over 13,000,000 feet.

According to the figures compiled by Deputy Collector of Customs R. D. Lamb, 38 vessels loaded at the mills in the lower river district during the month and their combined cargoes totalled 35,252,966 feet of lumber. Twenty-five of those vessels, carrying 26,276,000 feet of lumber, went to California; four vessels, laden with 3,461,136 feet, sailed for the Atlantic seaboard, while nine vessels, carrying 5,515,530 feet, are enroute to foreign ports. In the same period, 44 vessels loaded 48,568,030 feet of lumber at the upriver mills, making a grand total of 83,820,996 feet of lumber, which left the Columbia river in cargoes during the month of May.

OREGON ROADS RECEIVE AID FROM FOREST HIGHWAY FUNDS

Expenditures totaling $367,250 of national forest highway funds to apply on the construction of over 110 miles of highway in Oregon have just been approved by Secretary of Agriculture Wallace. This money was made available for roads serving national forests and for roads within or adjacent to forests which are of primary importance to States, counties, and communities.

Among the projects for which these expenditures were authorized is one in Lincoln County running east from Waldport for nearly 16 miles. This highway is within the Siuslaw National Forest and forms a section of the Alsea River project extending from Waldport to Tidewater Bridge. Local authorities will appropriate $30,000 for this work to which the Forest Service will add $18,000.

An additional $37,500 has been authorized for the Eugene-Florence highway between Rainrock and Blackly in Lane County. With the funds furnished by the county this additional appropriation brings the total for this 24-mile stretch up to $375,000. The road is within the Siuslaw National Forest and is a part of the State Highway System, being one of the important east and west routes through the State.

The sum of $22,500 has been authorized by the Forest Service to apply on 8 miles of road in Deschutes County running east from Belknap Springs. State authorities have appropriated a like sum for this project which lies within the Deschutes National Forest and forms a link in one of the State's main east and west highways.

For the stretch of road between Prospect and Crater Lake in Jackson County a distance of 8½ miles, the sum of $67,500 has been set aside. This appropriation is additional to funds heretofore appropriated by Federal and local authorities for the construction of the 22-mile stretch between Trail and Prospect within the Crater National Forest.

A section of the Coast Highway extending nearly 5 miles from Neskowin to the Siletz River is also included within the projects, the sum of $108,500 having been set aside for this work with the State and county authorities appropriating an equal amount. The road lies within the Siuslaw National Forest

About 10 miles of the Mt. Hood Loop Highway is to be surfaced at an estimated cost of $75,000, half of which amount has been appropriated from the Federal forest highway funds and half from State funds. This road lies within the Oregon National Forest.

In Douglas County within the Siuslaw National Forest over 3 miles of highway is to be constructed between Mill Creek and Brandy Bar. This road is a section of the Scottsburg-Reedsport highway which forms an east and west connection between the Pacific and Roosevelt Highways and is the natural outlet for the Coos Bay district into the Willamette Valley and Portland. The cost of the construction work is estimated at $110,000 of which half is from the Federal forest highway funds and half from county funds.

BUILDER IS BANKRUPT

In a voluntary petition in bankruptcy filed in Federal Court, Charles H. Hubbard, a San Francisco builder admitted liabilities of $61,558.67, and stated his assets amounted to only $200, represented by household goods. The principal creditors mentioned in Hubbard's petition are Dunn, Albright Aimes Company, $18,000; Elder Building Materials Company, $8549.94, and Chicago Building & Surety Company, $4000, all of Los Angeles.

Development of Trade Schools Urged

The construction industry offers to the youth of the nation as many if not more opportunities to succeed in the business world as does the banking business, the shoe business or any of the professions, in the opinion of George D. Hudnutt, vice president of the Sacramento Master Builders' Association.

Hudnutt said:

"Go to any high school in the United States and look over the list of men who have addressed the boys on the question of their future careers. The banker has told them of the unlimited prospects in his chosen field. The doctor, the lawyer, the engineer, the realtor, the insurance broker, have all appeared before the boys and shown them the bright side of these professions. Few have talked to them on the tremendous possibilities that lie before the skilled builder.

"Every boy looks forward to the day when he will own his own business. He takes a position as clerk, not for the immediate cash return, but to learn the 'game' from the bottom up. In later years, when he is still a clerk, he will be disillusioned, but as a youngster he is full of dreams. He hopes that he will have his own store some day, and be independently wealthy.

"The boy has no such vision as to the future of the skilled mechanic. Picturing himself as such, he can only see himself in overalls, working for someone else and dependent on casual employment all his life. The master builder must show the boy that there are even greater chances for independence in the field of construction than there are in medicine, in law or in banking.

"He must be told of the possibilities for service in the construction filed.

"While he would deny it instantly, every boy is more or less of an idealist. He enters the doctor's office, not to make money alone, but for the good he can do to suffering humanity. He studies low with the same ideal in view. That he drops his idealism soon after hanging out his shingle is the greatest indictment of the professions.

"He need not drop it if he enters the construction field. Who but the builder has brought the East and West together? Who has taken the deserts and made them habitable for thousands of settlers Who has built the cities and the routes of transportation into them?

"Show the youngster, convince him of its truth, and the shortage of skilled mechanics will become a thing of the past.

"In Sacramento the men in the construction industry are doing all they can to place young men in the various trades and are encouraging them to make construction work their life object. Nearly all contractors use apprentices and they are being paid fair wages and are learning the business as rapidly as the intricacies of the particular craft will permit."

PACIFIC PORTLAND CEMENT COMPANY SUED BY EMPLOYEE FOR $15,000

Otto E. Zeigler, hospital steward at the Pacific Portland Cement Company plant near Fairfield, has filed a suit against the company for $15,000 damages, alleged to have been suffered by the loss of his infant child by drowning in a pool owned by the company.

Ziegler alleges that the company keeps a pool of water back of the hotel at Cement, which is used for mill work and as a swimming pool for its employes, and that the company has been negligent in allowing grass to grow around the edge of the pool and in allowing the fence surrounding the pool to become dilapidated and broken.

The plaintiff alleges that due to this condition, on the 10th day of last November his infant daughter, Diana Rosemary Ziegler, aged a few months over 2 years, was enticed by a playmate to go to the pool and play, and she fell in and was drowned.

LUMBER TRADE PRICES SHOW DECLINE

The "American Lumberman" of Chicago says: Lumber prices have developed a receding tendency, and while it is improbable that they will show any considerable decline, they undoubtedly are seeking lower levels. This price movement has caused some further tapering off in demand for both softwoods and hardwoods, as it has encouraged buyers to seek for further declines.

Market is strong and a renewed demand is looked for as soon as prices stabilize. Building remains active, new work is developing and outlook is for some retrenchment in this field. Prospects from country trade are improving despite lateness of the sowing season and lumber distributers expect that this will gradually take up any slack that may occur in city demand.

HANDBOOK ON KILN DRYING

Preventable losses in seasoning lumber total around $50,000,000 every year, according to the Forest Service, United States Department of Agriculture, which announces a new handbook on kiln drying prepared by Rolf Thelen of the Forest Products Laboratory at Madison, Wis.

Fundamental facts about the drying of wood which a kiln owner or operator must know in order to get the most satisfactory results with his kilns are presented in the booklet, together with information concerning different types of kilns, instruments, and apparatus employed in kiln drying.

The handbook contains 24 illustrations and a series of drawings showing types of kilns. The information presented is based on experiments conducted at the Forest Products Laboratory.

Copies of the handbook which is known as Department Bulletin 1136, may be secured from the Superintendent of Documents, Government Printing Office, Washington, D. C., for 25 cents per copy. Ask for Department Bulletin 1136.

NEW POLICY FOR LUMBER SHIPMENT REINSPECTION

The California White and Sugar Pine Manufacturers' Association has announced a new policy regarding reinspection of shipments for non-member mills. Hitherto this reinspection policy has been available to member mills at the rate of $10 a day and expenses; the new policy provides for the same service to others at the rate of $15 a day and expenses. This charge will begin when the inspector starts for the job and will end when the job is finished. A complete tally of each grade in the shipment will be furnished if desired, but any inspection will be carried out only in accordance with the terms of the invoice.

Building News Section

APARTMENTS

Figures To Be Taken In Ten Days.
APARTMENTS Cost, $17,000
OAKLAND, Ala. Co., Cal., Lake Dist.
Two-story frame and stucco apt. bldg. (4 4-room apts.)
Owner—A. Davis.
Architect—W. A. Doctor, 410 15th St., Oakland.

Sub-Figures Being Taken in About a Week.
APT BLDG. Cost, $500,000
SAN FRANCISCO, NE Washington and Franklin Streets.
Five-story brick apt. bldg. (32 3, 4 & 5-room apts. with 2 baths each, roof garden, etc.)
Owner—Mrs. Grace Perego and John Kincanon, 159 Sutter St., S. F.
Architect—C. W. Mahoney, 892 Union St., San Francisco.

Sub-Figures Being Taken—To Be Done By Day's Work.
APT BLDG. Cost, $50,000
SAN FRANCISCO, NW Eddy and Divisadero Sts.
Three-story frame and brick store and apt bldg. (12 3-room apts. and 3 stores.)
Owner—M. P. Kelley.
Architect—C. W. Mahoney, 892 Union St., San Francisco.

Segregated Figures Being Taken.
APT BLDG. Cost, $150,000
SAN FRANCISCO, S Pine St., bet. Jones and Taylor Streets.
Six-story and basement reinf. concrete apt bldg. (35 2 & 3-room apts.) cement plaster exterior.
Owner—Geo. L. Fish.
Architect—Frederick W. Quandt, Monadnock Bldg., S. F.

Plans Being Figured.
APT-FLAT BLDG. Cost, $20,000
SAN FRANCISCO, SW Francisco and Gough Sts.
Two-story and basement frame and stucco apt.-flat bldg. (3 4-room and 1 5-room apts. and 4 garages).
Owner—R. E. Callahan.
Architect—O. R. Thayer, 110 Sutter St., San Francisco.
Figures are being taken for a general contract except painting, electric work, hardware, and light fixtures, for which separate bids are being taken.

Plans Being Prepared—Grading Contract Awarded.
APT. BLDG. Cost, $1,500,000
SAN FRANCISCO, N Washington 68-9 W Gough.
Seven-story and basement reinforced concrete apt. bldg. (2nd unit).
Owner—Two Thousand & Six Washington Street Inc.
Architect—C. A. Meussdorffer, Humboldt Bank Bldg., S. F.
The grading has been awarded to H. N. McClure, 608 Octavia St., at $2300.
Plans for the building will **not** be ready for figures for about a month, so contractors need not apply for plans at this time.

Sub-Figures Being Taken — General Contract Awarded.
APARTMENTS Cost, $100,000
SAN FRANCISCO, NE Leavenworth and O'Farrell Sts.
Six-story and basement concrete apartment building (50 apts.)
Owner—Adolph Stock, 319 Sutter St., San Francisco.
Architect—H. C. Baumann and Edw. L. Jones, 251 Kearny St., San Francisco.
Excavating, concrete, and carpentry work awarded to the Mission Concrete Co., Cal. Bldg.
Figures are being taken for plumbing, wiring, painting, plastering, heating, elevators, etc.

Bids Opened.
APARTMENT HOUSE Cost—
SAN FRANCISCO, N Jackson St., 55 W Laguna.
Three-story frame apartment house (3-room apartments.)
Owner—M. E. Levin.
Architect—C. A. Meussdorffer, Humboldt Bank Bldg., San Francisco.

O. C. Holt, 180 Jessie St., S. F.	$37,220
G. P. W. Jensen	39,500
John Morton	39,750
Isaac Penny	39,950
Cochrane-Boehm Co.	43,336
Fraser & Fraser	44,304
Stockholm & Son	45,963
Taylor & Goericke	47,570
Boxton Zwieg	55,157

Plumbing

Henry Ernst & Sons, 633 Hayes St., S. F.	$4016
Lawson & Drucker	4400
Frank J. Klimm	4594
J. H. Pinkerton	4655
C. Peterson	4698
Scott Co.	4743
Israel & Camp	4892
Albach & Mayer	5170

Painting

Martin Peterson	$3893
A. Gradin	3955
L. J. Neil	3960
A. Qpandt	4275
D. Zelinsky	4348
Mohr & Son	4660
R. Zelinsky	4809
Gurnett & Chandler	6495

Electrical Work

Central Elec. Co.	$2347
Newbery Elec. Co.	2389
Crescent Elec. Co.	2425
Popular Elec. Co.	2752
M. E. Ryan	2770
Frank J. Klimm	2776
National Elec. Co.	2790
Crown Elec. Co.	2815
Watts Elec. Co.	3000

All bids taken under advisement.

Plans Being Figured.
STORE & APT. BLDG. Cost, $80,000
SAN FRANCISCO, O'Farrell E Hyde.
Five-story reinforced concrete class C store and apt. bldg.
Owner—E. Vignie.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.

Contract Awarded.
APT. BLDG. Cost, $25,000
OAKLAND, Alameda Co., Cal., 4th Ave. and 18th St.
Two-story frame and brick veneer store and apt. bldg.
Owner—Withheld.
Architect—Williams, Wastell & Brown associated, American Bank Bldg., Oakland.
Contractor — Geo. Armstrong, 2415 Telegraph Ave., Oakland.

JOOST BROTHERS
Builders' Hardware
Tools, Etc.
(Members Builders' Exchange)
1053 MARKET ST.
Phone Market 891 San Francisco

Contract Awarded.
APARTMENTS Cost, $35,000
SAN FRANCISCO, SE Greenwich St. & Van Ness Avenue.
Three-story and basement frame (6) apartments.
Owner—G. R. Puckett, 1554 Sacramento St., San Francisco.
Architect—Edw. E. Young, 2002 California St., San Francisco.
Contractor—Herman Hogrefe & Son, 625 Powell St., San Francisco.

Segregated Figures Being Taken.
APARTMENTS Cost, $16,000
SAN FRANCISCO, W Broderick 50 S Ellis.
Two-story and basement frame (4) apartments.
Owner—Grace F. & Wm. F. Gunnison, 1666 Golden Gate Ave., S. F.
Architect—Wm. F. Gunnison, 57 Post St., San Francisco.

LOS ANGELES, Cal.—W. F. Riley, 3706 Whittier Blvd. has the contract to erect a 2-story brick store an dapt. bldg., 165x150 ft., on Washington Blvd. extending from 8th Ave. to 10th Ave., for Alex Kaylor. It will contain stores in first story and 74 apts. in the second; brick walls, press. brick facing, plate glass, steel beams, comp. rfg., metal skylights, wall beds, comp. baths, gas rads., water htrs., $225,000.

LOS ANGELES, Cal.—Smith & Smith, 1448 Court St., have the contract to erect a 2-story apt. bldg. at cor. of Taft and Fountain Aves., for S. Tannebaum and Ernest Bergman; bldg. will contain 24 single and 2 double apts. Stucco, 64x108 ft., tile and comp. rfg., hardwood fls., tile baths and drainbds., lobby, incinerators, gas rad. htg., unit water htr., ornam. iron, wall beds, staff; $55,000. H. W. Charlton, 333 San Fernando Bldg., archt.

BAKERSFIELD, Kern Co., Cal.—The National Bank of Bakersfield will enlarge and improve their quarters on the corner of Chester Avenue and Eighteenth Street, these to include lowering the floor to the street level and rearranging the vault so as to provide additional space. This statement was made by R. F. Barnett, president of the bank. It is further stated that as the financial concern grows and expands, entire new building will be planned, the location and cost of this to be determined later.

LONG BEACH, Cal.—Archts. Hugh R. Davies and Edward J. Baume, assoc., 514 Marine Bk. Bldg., Long Beach, are preparing plans for a $1,000,000, 12-sto. class A own-your-own apt. bldg., to be erected on east side of Linden Ave., south of 3rd St., long Beach, for James I. Butterfield. Full basement, 142 apts., rf. playground, nursery, social hall; reinf. conc. constr., 3 elec. dual control elevators, electric heating, kitchens and other mechanical equip. throughout

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LONG BEACH, Cal. — Leonard P. Wikoff, engr., and Harold E. Burkett, archt., assoc., 311 Commercial Bldg., 546 Pine Ave., Long Beach, are preparing plans for a 6-story class A rein. conc. own-your-own apt. bldg to be erected at 229 W 6th St., Long Beach, for R. C. Robertson, which will be named the Bonnieastle. Fifty apts., full basement containing refrigerating plant, steam heating plant, showers, lockers, marble and tile lobby, ornam. iron stairs, brick and terra cotta facing, maple fls., tile drainboards, tile baths with 5-ft. tile walls, laundry, clothes dryer, dls. beds, dual control electric elevators.

WHITTIER, Cal.—Evert M. Hinshaw, structural engr., has prepared sketches for a 4-story reinf. conc. store and apt. bldg. to be erected at 118-20 N Greenleaf Ave., for the Quaker City Invest. Co., which is being organized by C. C. Boatright, 571 E Bailey St., Whittier. The first floor and basement will contain stores, while above there will be 28 single apts. and 20 single rms each with bath.

LOS ANGELES, Cal.—A. C. Blumenthal, Loew State Bldg., L. A., has purchased the n.e. cor. of Hollywood Blvd. and La Brea Ave., L. A., and is having plans prepared for a 12-story and basement class A apt. house to be erected on the site. The property has a frontage of 115 ft. on Hollywood Blvd. and 190 ft. on La Brea Ave. It will be of reinf. conc. constr. and will cost $1,250,000.

LOS ANGELES, Cal.—Archt. H. W. Charlton, 333 San Fernando Bldg., L. A. is preparing plans for a 2-story store and apt. bldg. at Glendale, for James Cehn; will contain 11 stores and 20 single apts. Brick, 90x175 ft., comp. rfg., press. brick facing, plate glass, tile baths and drainboards, wall beds, copper store fronts, O. P. trim; cost $65,000.

BONDS

HAYWARD, Alameda Co., Cal.—Election will be held June 26 to vote bonds of $43,000 to which will be added $30,000 already ond hand, to finance construction of new city hall. An architect is yet to be selected.

PALO ALTO, Santa Clara Co., Cal.—Palo Alto Union High School District votes bonds of $150,000 to finance construction of additions to high school. Birge Clark of Palo Alto is the architect.

FRESNO, Fresno Co., Cal.—County supervisors sell $155,000 bond issue of Washington Union High School District for premium of $6556; proceeds of sale will finance construction of new high school, plans for which are being completed by Architects Swartz & Ryland, Rowell Bldg., Fresno.

COTTAGE GROVE, Ore.—Election to vote bonds of $30,000 to build city hall, failed to carry.

EUREKA, Humboldt Co., Cal.—Election will be held June 29 in Fields Landing School District to vote bonds of $10,000 to finance construction of new school. Trustees of district are: S. Petersen, W. C. Rhodes and W. S. Atwell.

KERMAN, Fresno Co., Cal.—Election will be called shortly in Kerman Union School District to vote $75,000 (additional bonds) to finance completion of second story of new high school for which bonds of $150,000 were authorized and which amount was not sufficient to meet construction costs in accordance with original plans.

SANTA BARBARA, Cal. — Until 10 a. m., July 2, bids will be received by county supervisors for the purchase of $400,000 bonds of the Santa Barbara school dist. Cert. check 3%. C. A. Hunt, clerk.

LODI, San Joaquin Co., Cal.—Bonds of $12,000 voted in Bruella School District to finance enlargement of present school.

MODESTO, Stanislaus Co., Cal.—Until July 10 bids will be rec. by supervisors for purchase of $24,000 bond issue of Keyes School District, near Turlock, proceeds of sale to finance school improvements.

MODESTO, Stanislaus Co., Cal.—Supervisors sell $12,000 bond issue of Mountain View School District for premium of $33 and the $15,500 issue of the Laird School District for $204; proceeds of the sale in both instances to finance school improvements.

PLACERVILLE, El Dorado Co., Cal.—Recent election to vote bonds of $160,000 to finance construction of new high school failed to carry by a small majority. Election held a few months ago was defeated by eight votes.

AUBURN, Placer Co., Cal.—Bonds of $3000 voted to finance erection of new fire house.

SAN JOSE, Santa Clara Co., Cal.—Election will be held July 5 in Mt Pleasant School District to vote bonds of $10,000 to finance school improvements. Trustees of district are: Fred Marten, A. F. Leal Jr., and M. J. Carlos.

CHURCHES

Plans To Be Prepared.
CHURCH Cost, $200,000
OAKLAND, Alameda Co., Cal., Corner 26th and Harrison Sts.
Class A church.
Owner—First Congregational Church (R. A. Leet, chairman of Board).
Architect—Not selected.

LONG BEACH, Cal.—E. M. Bacon and E. D. Downey, Junipero St., Long Beach has the contract at $18,800 for erecting a new church bldg. at Long Beach for the Nazarene Church. Robert H. Orr, 1305 Corp. Bldg., archt. It will be 2-story and basement, 60x100 ft., frame and brick veneer constr., comp. rfg., pine trim; auditorium and balcony to seat 800 people, gas htg., art glass, Sunday school dept.

LOS ANGELES, Cal. — Archt. Carl Roller, 531 Douglas Bldg., is completing plans for a 2-story Sunday school bldg., at 2618 N Workman St., for the Advent Christian Church. G. A. Osman, pastor and S. E. Smith, chairman bldg. comm. on property; will contain 12 class rools, Sunday school assembly rm. Brick and frame constr., 40x62 ft., comp. rfg., gas fl. furnace htg., maple fls., art glass, hollow metal sash, metal skylights, folding doors, plas. exter., pine trim; owner will have entire charge.

LOS ANGELES, Cal.—Archts. Train & Williams, 226 Western Mutual Life Bldg., are completing plans for a new church to be erected at Los Angeles and Marchessault Sts., for the Plaza Community Center Church. It will be class A constr., 48x84 ft., main auditorium with balcony, and social rooms in the basement. Steel frame constr., brick walls, stucco exter., cast stone work, clay tile rfg., steam htg. Bids will be taken shortly.

SALINAS, Monterey Co., Cal.—First Methodist Episcopal Church, Rev. J. S Troxell, pastor, has appointed building committee to select site and work out means to finance construction of a $40,000 edifice. Building committee consists of: Chapman Foster, Harvey L. Burchell, Louis Schneider, G. E. Lacey and Mrs. Lincoln Wiley.

WOODLAND, Yolo Co., Cal. — Del Fenton, Woodland, at approx. $14,000 awarded contract to erect new First Baptist Church at College St. and Lincoln Ave.

FACTORIES & WAREHOUSES

Steel Sash, Rock and Sand Contracts Awarded.
FACTORY (1st unit) Cost, $125,000
EMERYVILLE, Alameda Co., Cal. Blk. Bounded by Haven, Harlin, Park Ave. and Santa Fe Tracks.
Two-story reinforced concrete factory building, 262x82 (designed for 5 stories 240x400) brick curtain walls, steel sash, freight elevators, flat slab construction.
Owner—Doble Steam Motors Co., 714 Harrison St., San Francisco
Engineer—Earl Markwart, % Lindgren Co., Monadnock Bldg., S. F.
Contractor—Lindgren Co., Monadnock Bldg., San Francisco.
Steel awarded to Columbia Steel Co.
Steel Sash and Doors awarded to V. S. Persons, Hearst Bldg
Rock, Sand and Gravel to E. B. & A. L. Stone Co.
Sub-figures on other parts of the work are being taken.

Construction To Start Immediately—Sub-Figures Being Taken.
ADDITION Cost, $300,000
SAN FRANCISCO, 3rd and 21st Sts.
Two-story reinforced concrete addition to factory building.
Owner—American Can Co.
Architect—C. G. Price, of the American Can Co., New York.
Contractor—Lindgren Co., Monadnock Bldg., San Francisco.
Sub-figures are being taken for excavating, plumbing, roofing, ornamental iron work, roofing, painting, glass and glazing, plastering, mill work, hardware, sheet metal.
Steel sash to be furnished by owner.
Elevator awarded to Otis Elev. Co.
The reinforcing steel has been awarded to the Columbia Steel Co.

Plans Being Figured.
FACTORY BLDG. Cost—
SAN FRANCISCO, Blk bounded by 18th Bryant, Florida and Mariposa.
1½-story reinforced concrete factory building.
Owner—Nucoa Butter Co.
Architect—Francisco & Jacobus 511 5th Ave., New York.
The architects have no representative here, all information must be obtained from their office.

Plans to be Prepared
WAREHOUSE Cost, $——
SAN FRANCISCO, SW Fifth and Brannan Sts.
Fireproof loft and warehouse building
Owner—The Grinnell Co. of the Pacific 453 Mission St., San Francisco.
Architect—Not Selected.

Reinforcing Steel Contract Awarded—Sub-Figures Being Taken.
WAREHOUSE Cost, $140,000
SAN FRANCISCO, W 2nd St. 905 Harrison.
Four-story and basement reinforced concrete warehouse.
Owner—R. McLeran Co., Hearst Bldg., San Francisco.
Engineer—T. Ronneberg, Crocker Bldg. San Francisco.
Architect—August G. Headman, Call Bldg., San Francisco.
Contractors—Owners.
Reinforcing steel awarded to Edw. L. Soule, Rialto Bldg., S. F.

Reinforcing Steel Contract Awarded—Sub-Figures Being Taken.
LAUNDRY Cost, $50,000
SAN FRANCISCO, 13th, Folsom and Erie Streets.
Two-story reinforced concrete laundry.
Owner—R. McLeran Co., Hearst Bldg., San Francisco.
Lessee—Crystal Laundry.
Supervising Archt.—August G. Headman, Call Bldg., S. F.
Contractor—R. McLeran & Co., Hearst Bldg., San Francisco.
Reinforcing steel awarded to Badt-Falk Company.

Permit Applied For.
WAREHOUSE Cost, $175,000
OAKLAND, Alameda Co., Cal., NE Adeline and 22nd sts.
Three-story reinforced concrete mill constructed warehouse (160x240)
Owner—John Brenner Co.
Architect—Reed & Corlett, Oakland Bk. of Savings Bldg., Oakland.
Contractor—P. J. Walker Co., Sharon Bldg., San Francisco.

LOS ANGELES, Cal. — Angel City Realty Co., Louis Conrad of the Pico-Hill Drug Co., Pico and Hill Sts., secretary, has secured a 99-year lease on the property at the s.w. cor. of 7th and Los Angeles Sts. and contemplates the erection of a 12-story and basement class A reinf. conc. loft bldg. The lot is 60x106 ft. and will cost about $400,000

LOS ANGELES, Cal. — L. R. Armstrong, Hollingsworth Bldg., has been awarded the gen. contr. at $74,580 for erecting a 2-story brick warehouse at the n.w. cor. of 5th St. and Santa Clara Ave. for the Eastern Outfitting Co. S. Tilden Norton and Frederick H. Wallis 330 Pac. Finance Bldg., archts. The bldg will be 372x125 ft., brick walls, comp. rfg., metal skylights, steel sash, struc. steel, elevators, plate glass, wood and cem. floors.

SAN BERNARDINO, Cal. — A. M. Horne has starred preliminary work on a class A reinf. conc. and steel warehouse bldg. 2-sto., with found. to carry 4 stories, with storage capacity of 300,000 cu. ft., at cor. rialto and D Sts. for the Southern Terminal Warehousing & Storage Corp. The company has been granted permission by the railroad comm. to issue $250,000 stock. C. H. Arns, 327 F St., is fiscal agent for the company.

LOS ANGELES, Cal.—See "Hotels," this issue.

LOS ANGELES, Cal.—Archts. Jeffery & Schaefer, 1104 Kerckhoff Bldg., have completed plans for a 1-story warehouse to be erected on Santa Fe Ave. near 7th St., for Edna E. Coffman. Brick 50x140 ft., comp. rfg., cem. fls., press. brick facing, enam. brick trim, plate glass, gas rads., skylights, steel sash.

LOS ANGELES, Cal.—The Austin Co., 702 Pac. Elec. Bldg., L. A., is preparing plans and will erect a knitting mill on San Fernando Rd. near Glendale, for Wayne Knitting Mills. It will be 4-sto. 90x300 ft., reinf. conc. constr., steel sash, steel rolling doors, elevators, conveyors, etc.; $225,000.

OROVILLE, Butte Co., Cal.—Peerless Ice Cream Co., Sacramento, W. A. Hosking, gen. mgr., announces company will erect $10,000 ice cream plant here, on a site yet to be selected.

LONG BEACH, Cal.—E. E. English, 508 Citizens Natl. Bank Bldg., has been awarded the contr. for the erection of a class A furniture depositary, at cor. Anaheim Rd. and Esperanze St., Long Beach, for City Hransfer and Storage Co. Plans by Edward T. Flatherty Co., engrs., 634 I. W. Hellman Bldg., L. A. Reinf. conc. constr., 6-story and basement, 60x105 ft., comp. rfg., concr. fls., plas. exter., 1st fl., will be art stone, steel sash, sprinkler sys., Batchelor tile lobby, marble wk., steam htg., elec. elevator, plate glass, copper store fronts, ornam. iron. Blechel fire protection sys., 109 private vaults.

PORTERVILLE, Tulare Co., Cal.—Bids will be asked shortly by the Porterville Co-Operative Poultry Assn., to erect a 90 by 100-ft. brick plant at E. Mill and Cherry Sts., est. cost $15,000.

FLATS

Contract Awarded
FLATS Cost, $29,800
SAN FRANCISCO, NE Octavia and Vallejo.
Two-story & basement frame (3) flats.
Owner—A. Nordini, 460 Montgomery St. San Francisco.
Architect—John H. Powers and John H. Ahnden, 460 Montgomery St., San Francisco.
Contractor—John Morton Co., Balboa Bldg., San Francisco.

GARAGES

Commissioned to Prepare Plans.
AUTO STAGE DTPOT Cost, $——
PETALUMA, Sonoma Co., Cal. Corner Fourth and A Streets.
One-story reinforced concrete auto stage depot, 50x40, with office and waiting room.
Owner—Sausalito-Petaluma and Santa Rosa Stage Co. (W. H. Curtis et al) Santa Rosa.
Architect—Brainerd Jones.

SANTA MONICA, Cal.—A. Godfrey Bailey, 410 Jr. Orpheum Bldg., Los Angeles, is preparing plans for a 2-story brick auto sales and garage bldg., 150x150 ft. to be erected at 12th St. and Santa Monica Blvd., for Claude C. Hawarth, Ford dealer. Bldg. will be 2-story and have 25,000 sq. ft. floor space; plate glass; brick exter. with blue mortar and terra cotta trimmings; cost around $100,000.

SAN PEDRO, Cal.—Triangle Constr. Co., 31 Sepulveda Bldg., San Pedro, has been awarded a contr. at $52,000 for erecting a 1-story and part 2-story garage and sales bldg. at 463-79 9th St., San Pedro, for Clark K. Cook. Plans by A. Godfrey Bailey, 410 Jr. Orpheum Bldg., L. A. Dimensions, 100x130 ft., brick constr., glazed brick and terra cotta facing, plate glass, conc. lintels, comp. rfg., metal skylights, steel sash, cem. and wood fls.

GOVERNMENT WORK AND SUPPLIES

Figures To Be Taken Shortly.
ANIMAL LABORATORY Cost, $—
FORT MASON, Cal.
One-story concrete and frame metal lined animal laboratory 20x40 with inner court.
Owner—U. S. Government.
Architect — Constructing Quartermaster Office, Fort Mason.
(46878) 7

Plans Completed.
MOVE BLDG. Cost—
FORT MASON, Cal.
Move Coast Guard Station to site of Oregon Building on Beach foot of Lyon and Presidio. Erect rip rap wharf foundations, etc.
Owner—U. S. Government.
Architect — Constructing Quartermaster Office, Fort Mason.

Plans Being Figured.
WATER SYSTEM & TANKS.
Cost $20,000
FORT TOWNSEND QUARANTINE Station.
Underground water system and tanks.
Owner—U. S. Government.
Contractor—Supervising Supt. of Construction, Rm. 402, U. S. Postoffice, 7th and Mission Sts., San Francisco

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3117-3119 TWENTIETH STREET near Harrison St.
SAN FRANCISCO, CALIF.

WASHINGTON, D. C.—Until July 18, 11 a. m., bids will be rec. by Bureau of Yards and Docks, Navy Department to const. pipe line with valves, hydrants and valve boxes at Pearl Harbor under Spec. 4827. **See cell for bids under official proposal section in this issue.**

LOS ANGELES, Calif.—The following bids were received June 14th by the Supervising Superintendent of Construction, Room 402, U. S. Post Office Building, San Francisco, Calif., for remodeling for Internal Revenue Bureau, Etc., at the U. S. Courthouse. Post Office and Custom House, Los Angeles, Calif.
Lavery Constr. Co., Bradbury, Bldg., Los Angeles $21,863
E. Zimerlie, Palo Alto 23,600
Hughton & Anderson 31,840
Walter Slater 34,893
(46310 First report May 7, 1923.

WASHINGTON, D. C.—Bids are being rec. by Bur. of Yards and Docks, Navy Dept., for fur. supplies to navy yards, as follows; date for opening bids as noted at end of each paragraph:
Schedule 909, Mare Island, Calif., 3000 yds. white table oil cloth.
Schedule 911, various yards, 20 motors and spares, June 19.
Schedule 914, various yards, 46,600 lbs dry red lead, June 26.
Schedule 915, Mare Island, 3500 gals pine oil, June 12.
Schedule 916, Mare Island, 2800 lbs. rubber matting, June 26.
Schedule 918, San Diego, Calif., miscellaneous steel shelving, June 19.
Schedule 922, Mare Island, 15 coal-burning ranges, June 26.
Schedule 924, various yards, miscellaneous fuses and fuse elements, June 26.
Schedule 925, Mare Island, 8500 lbs. rust preventative compound, June 26.
Schedule 926, various yards, miscellaneous magnesia pipe covering, etc., June 26.
Schedule 927, various yards, miscellaneous cotton and rubber insulating tape, June 26.
Schedule 935, Mare Island, 799 sq. yds heavy linoleum, July 3.
Schedule 936, Mare Island, 1500 lbs. powdered aluminum, July 3.
Schedule 937, Mare Island, 2750 gals. varnish, July 3.

WASHINGTON, D. C.—Specification No. 4861 is being completed by the Bureau of Yards and Docks, Navy Department, for the purchase of electric traveling cranes at Pearl Harbor, T. H.

WASHINGTON, D. C.—Specifications are being completed by the Bureau of Yards and Docks, Navy Department, for a one-story storehouse to be erected at Pearl Harbor, under Specification No. 4859 and for two storehouses Spec. 4860. Bids for these improvements will be asked shortly.

WASHINGTON, D. C.—Until July 5, 10:30, bids will be received by Panama Canal Comm., under Circular No. 1535, for fur. and del. Balboa (Pacific Port): cup greases, lubricant (gear, chain and wire rope) and cotton waste. Spec. on file in branch office of comm., Fort Mason, San Francisco.

OAKLAND, Cal.—A prolonged effort by federal and city officials in Oakland to have constructed a postoffice building is believed won with the receipt of a telegram by Congressman James MacLafferty from Washington, which read as follows:
"Postoffice Department has reconsidered and has called for bids for post-office buildings on ten-year lease with option to renew for second ten-year period at both Oakland and San Francisco.
"C. B. DODDS."

SAN DIEGO, Cal.—R. E. Campbell, Salt Lake City and San Diego, was low bidder at $487,000 for all work complete for erecting two barracks bldgs. at naval base, San Diego. Reinf. conc. and hollow tile constr., plas. exter., tile rfg. Other bids were: W. E. Kier Constr. Co., $501,650; Wm. Simpson Constr. Co., $508,000; Campbell Bldg. Co., $535,000; Lange & Bergstrom, $540,000; and J. Doran, $580,000.

SAN DIEGO, Cal.—See "Streets & Sewers," this issue. Paving streets.

FORT MASON, Cal.—The U. S. Constructing Quartermaster's Office will shortly call for a water softener plant for the Letterman General Hospital Further information may be obtained from the above office.

SEATTLE, Wash.—Until June 25, 11 a. m., bids will be rec. by Alaskan Engineering Commission, Bell Street Terminal, under Circular No. 613, for fur. and del. clam shell bucket, shaper, lathes, switch stands, guard rails, frogs switch points, rail clamps and end blocks. Copies of the circular may be obtained upon application from Alaskan Engineering Commission, 204 New Postoffice building, Portland, Ore. and 306 Custom House, San Francisco, Cal.

HALLS AND SOCIETY BUILDINGS

Plans Completed.
STORE & LODGE Cost, $20,000
BERKELEY, Alameda Co., Cal., University ave.
Two-story frame and stucco store and lodge building.
Owner—West Gate Chapter Masonic Hall Assn. (colored).
Architect—Miller & Warnecke, Perry Bldg., Oakland.
The foundation has been laid by M. E. Hopper & Son.

SALEM, Ore.—Y. M. C. A. has purchased site 82½ by 130 ft. in Court St. and will erect a modern club building; construction to be started the latter part of this year.

HOSPITALS

General Contract Awarded. Low Bidders for Heating and Plumbing.
HOSPITAL Cost, $——
SACRAMENTO, Sacramento Co., Calif Fortieth and J Streets.
Five-story reinforced concrete hospital building (terra cotta exterior).
Owner—Sisters Hospital.
Architect—R. A. Herold, Forum Bldg., Sacramento.
The general contract was awarded to Wm. C. Keating, Capitol National Bank Bldg., Sacramento at $398,800 Scott, Lyman & Stark, 421 J St., Sacramento, submitted the lowest bid for the heating and plumbing.

Completing Plans.
ADDITION Cost—
OAKLAND, Alameda Co., Cal., Hawthorne and Webster Sts.
Two-story and basement reinforced concrete hospital addition.
Owner—Merritt Hospital Co.
Architect—Reed & Corlett, Oakland Bk Bldg., Oakland.

OROVILLE, Butte Co., Cal.—Until July 2, 1:30 P. M., bids will be rec. by C. F. Belding, County Clerk, for additions and improvements to heating system at the county Infirmary. Cert. check 10% req. with each bid. Plans obtainable from clerk.

SAN RAFAEL, Marin Co., Cal. — County supervisors contemplate erection of new county hospital to contain quarters for sheriff and county jail. Construction will probably be financed through a bond issue.

SAN FRANCISCO, Cal.—See "Schools" this issue.

OAKLAND, Cal.—See "Banks, Stores and Offices," this issue.

SAN JOSE, Cal.—See "Ice and Cold Storage Plants," this issue.

CHICO, Butte Co., Cal.—Dr. N. T. Enloe, 330 Flume St., Chico, has purchased site in Paradise, Butte County, and will erect modern sanitorium.

HOTELS

Steel Contract Awarded.
ADDITION $1,000,000 approx.
SAN FRANCISCO, S Post W Powell.
Five-story and basement class A addition to hotel St. Francis (designed to carry 5 additional stories).
Owner—St. Francis Hotel, Powell and Post Sts., S. F.
Architect—Bliss & Faville, Balboa Bldg San Francisco.
Engineer—John L. Hall, Stuart Bldg., Seattle.
Contractor—Lindgren Co., Monadnock Bldg., San Francisco.
Steel awarded to Dyer Bros., 17th and Kansas Sts. at approx. $60,000.

Plans To Be Prepared.
HOTEL Cost, $700,000
RENO, Nevada, Old Riverside Hotel site.
Six-story fireproof hotel, 210 rooms.
Owner—Riverside Hotel Co.
Architect—H. L. Stevens & Co., 433 California St., San Francisco.
The project is now being financed.

Commissioned To Prepare Plans.
HOTEL Cost, $300,000
MARYSVILLE, Yuba Co., Cal., 5th & E Sts. 163 x 119-8.
Six-story reinforced concrete hotel, 125 rooms, 80% baths.
Owner—Marysville Hotel Co.
Architect—Edward Glass, Underwood Bldg., San Francisco.
Preliminary plans and estimates will be submitted within three weeks.
This building has been reported before under different architects, but contracts with Mr. Glass have been signed to do the architectural work.

Contractors Taking Grading and Lumber Bids.
STORE & HOTEL Cost, $1,425,000
SACRAMENTO, Cal., NW 12th and L Sts
Ten-story class A store and hotel bldg. 240x160, 400 rooms.
Owner—E. Troop & W. C. Crittenden and associates, S. F.
Architect—Kenneth MacDonald & Maurice Couchot, 234 Pine St., S. F.
Contractor—Cahill Bros., 110 Sutter St., San Francisco.

OROVILLE, Butte Co., Cal. — Hibbard Bros., Oroville, at approx. $10,000 awarded contract to remodel Union Hotel. Will consist of rearranging interior for baths and painting and decorating.

ALHAMBRA, Cal.—Williams & Neville, Marsh-strong Bldg., have prepared plans and have the contract at $250,000 to erect a 4-story class C hotel bldg. at cor. Main and Marguerita Sts., Alhambra, for Frank L. and Leo D. Lamb; will contain 29 rooms, each with bath, 27 2-rm. apts. and 14 3-rm apts., large lobby, restaurant and court. brick 140x170 ft., comp. rfg., press. brick facing, art stone trim, basement, steam htg., tile baths and drainboards, 2 elec elevators, wall beds, plate glass, O. P trim, ornam. iron.

SAN BERNARDINO, Cal.—Frank C. Platt Invest. Co., promoters, state that work will be started this summer on $450,000 tourist hotel which is to be built at 5th and E Sts. Plans have been prepared for a 6-story modern bldg. and it is hoped to have them in shape to get work under way by July.

LOS ANGELES, Cal.—Archts. Curlett & Beelman, 410 Union Bank Bldg., are preparing plans for a 14-story class A store and hotel bldg. to be erected at s.e. cor. 7th and Francisco Sts., for Harry K. Elder, Story Bldg. and associates. It will contain about 475 rooms; reinf. conc. constr., press. brick and terra cotta exter., plate glass, hardwood trim, marble and tile work, steam htg., elevators; cost $1,500,000.

LOS ANGELES, Cal. — Boyce-Seely Constr. Co., 411 Pac. Finance Bldg., has the contr. to erect a 3-story hotel bldg. at s.w. corner of 8th and Greene Sts. for Julia M. Powell. It will contain 75 rms.; dimensions, 36x150 ft., frame and plas. constr., comp. rfg., pine trim, tiled baths, steam htg.; cost $75,000.

PISMO BEACH, San Luis Obispo Co., Cal.—See "Miscellaneous Building," this issue.

ALHAMBRA, Cal.—Williams & Neville Constr. Co., Los Angeles, has the contract to erect a 4-story hotel containing 125 rooms, each with bath, and 6 stores on the main floor, at n.w. cor. Marguerita and Main Sts., to be known as the Frankliff Lamb Hotel. Work is planned to start about July 1. Bldg. will be heated by steam.

ALHAMBRA, Cal.—Community Hotel Corp. has secured $214,000 subscriptions toward the proposed hotel bldg. The finance comm. members are: W. M. Northrup, V. H. Jenkins and E. J. Hockenbury. The bldg. comm. members are: E. A. Neiger, Dr. C. B. Alexander and P. G. Joyce. R. L. Stoddard, archt. from New York City, has been chosen to design the bldg.

LOS ANGELES, Cal.—Crenshaw and Smailes, 1205 Lane Mortgage Bldg., have purchased the n.w. cor. 7th and Los Angeles Sts. and contemplate the erection of a 12-story class A loft and office or hotel bldg. It will cost $800,000.

LOS ANGELES, Cal.—Archt. John J. Frauenfelder, 1116 Story Bldg., L. A. has prepared preliminary plans for a 6-story class A hotel bldg. to be erected on Vermont Ave., near 3rd St., L. A., for the Hotel del Prado Hotel Co., Inc.; will contain lobby, shops and 200 rms. with 50 per cent baths. Reinf. conc. constr., plas. exter., comp. rfg., tile and marble work, elevators, plate glass, etc.; $250,000.

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DINUBA, Cal.—Clarence Wilson, local promoted, states that plans for the proposed hotel at Tulare and J Sts., will be completed in about 2 weeks. Est cost of project $250,000. The company organized by Wilson is the Dinuba Imp. and Invest Co.

ANAHEIM, Cal.—Joe Siegel is organizing the Anaheim Bldg. Corp., capitalized at $500,000 to build a 5-story class A hotel bldg. on Broadway, bet. Los Angeles and Lemon Sts., the lower floor will contain lobby and stores, with hotel rms. above. The fifth floor will contain a ball rm. The bldg. will have a frontage of bet. 130 and 150 ft.

ICE AND COLD STORAGE PLANTS

TUCSON, Ariz.—Gay Engineering Corp., 2650 Santa Fe Ave., Los Angeles, has the contr. and has started work on a private cold storage plant for the John F. Parker Produce Co. at 112 Toole Ave. Plant will be of reinf. conc. constr. with pressed cork insulation with storage capacity of bet. 6 and 7 carloads. Est. cost, $15,000.

SAN JOSE, Santa Clara Co., Cal. — Until July 2, 11 a. m., bids will be rec. by Henry A. Pfister, county clerk, to fur. and install refrigerating and ice-making plant in county hospital. Binder & Curtis, architects, 255½ S 1st St. San Jose. **See call for bids under official section in this issue.**

PUBLIC BUILDINGS

Plans Being Figured—Bids Close July 10th.
DETENTION HOME Cost—
MODESTO, Stanislaus Co., Calif., vicinity of county hospital.
Two-story brick Detention Home.
Owner—County of Stanislaus.
Architect—Jas. H. Hoose, Ramont Bldg. Modesto, Calif.

SPARKS, Nevada—Until June 22, 12 M., bids will be rec. by Board for the Care of Indigent Insane for plumbing and heating for men's ward building to be constructed at Sparks, Nevada. F. J. Delongchamps, Architect, Gazette Bldg., Reno. **See call for bids under official proposal section in this issue.**

OLYMPIA, Wash.—Western Construction Co., Seaboard Bldg., Seattle, at $875,862 submits low bid to State Capitol Committee to construct walls for legislative buildings in the state capitol group. Next low bidder was Sound Construction & Engineering Co., Lowman Bldg., Seattle, at $948,420. Architect's estimate, $962,000. Bids taken under advisement. Wilder & White of New York are the architects.

SALEM, Ore.—Until June 19, 9 a. m., bids will be rec. by State Board of Control, R. H. Goodin, Secy., for following construction:

Boys' dormitory for institution of feeble-minded, at Salem; E. E. McClaren, architect, Exchange Bldg., Portland.

Open air pavilion at Oregon Tuberculosis Hospital; Orlo R. W. Hoosack, architect, Worchester Bldg., Portland.

Boys' dormitory for Oregon State School for Blind at Salem; J. V. Bennes, architect, Chamber of Commerce Bldg., Portland.

Furnishing basement and top floor, Ward "B" of Eastern Oregon state hospital; Morris H. Whitehouse, architect, Railway Exchange Bldg., Portland.

Construct kitchen, dining room, etc. for Oregon State Soldiers' Home at Roseburg; C. L. Goodrich, architect, Abington Bldg., Portland.

Plans obtainable from secy. of Board at Salem.

SAN RAFAEL, Marin Co., Cal.—See "Hospitals," this issue.

PASADENA, Cal.—Bonds of $3,500,000 voted to finance construction of civic center to house group of public buildings including city hall, public library and auditorium.

PULLMAN, Wash.—Until July 9, 10 A. M., bids will be rec. by Regents of the Univ. of Washington for excavation and concrete work for the foundations; structural steel erected in place; architectural terra cotta and cast stone for proposed library building on University campus. Bebb & Gould, Architects, Hoge Bldg., Seattle. Plans obtainable from Regents or architects on deposit of $10.

FAIRFIELD, Solano Co., Cal.—Until July 2, 11 A. M., bids will be rec. by County Clerk to fur. and install counter and desk in office of Tax Collector. Further information obtainable from Clerk.

STOCKTON, San Joaquin Co., Cal.—Bids were opened on June 12th by A. L. Banks, Clerk of the City of Stockton, for the construction of a Class A City Hall building to be erected on the block bounded by El Dorado, Central, Fremont and Lindsey streets. Plans were prepared by J. Pearce, of Davis-Heller-Pearce Co., Jos Losekann and Pete Sala, as a firm, Delta Bldg., Stockton.

All bids were taken under advisement. Following is a complete list of the bids:

General Contract

Howard S. Williams, 180 Jessie St., San Francisco.....$398,000
(a) $24,342; (b) $35,645; (c) $960; (d) $2134; (e) $4200; (f) $——; (g) $52,793; (i) $9100; (j) $1450; (k) $——; (m) $900; (n) $7234.

Reilly & Nemetz, S. F.....$429,067
(a) $26,500; (b) $37,870; (c) $1000; (d) $2000 ;(e) $9350; (f) $——; (g) $54,000; (h) $1400; (i) $9500; alternate, $2300; (j) $2000; (m) $528; (n) $11,200.

R. W. Moller, San Francisco...$431,334
(a) $26,601; (b) $18,980; (c) $998; (d) $1108; (e) $6764 ;(f) $——; (g) $12,802; (h) $3285; (i) $7704, alternate, $12,996; (j) $1718; (k) $3553; (m) $871; (n) $9693.

J. F. Shepherd, Stockton.....$450,537
(a) $25,000; (b) $35,925; (c) $960; (d) $2134; (e) $4300; (g) $14,750; (h)$1600; (i) $9100, alternate, $9489; (j) $1450; (m) $900.

Lange & Bergstrom, S. F.....$460,000
(a) $27,800; (b) $51,800; (c) $960; (d) $4400; (e) $4800; (f) $——; (g) $10,700; (h) $3200; (i) $14,200, alternate, $17,700; (j) $1600; (k) $1900 (m) $900; (n) $7600.

Goolds & Johns, Stockton.....$464,340
(a) $23,564; (b) $49,600; (c) $960; (d) $1975; (e) $6124; (f) $1250; (g) $52,000; (h) $——; (i) $7408.50, alternate, $11,851; (j) $1450; (k) $9,357; (l) $——; (m) $900; (n) $8733.

Robert Trost, San Francisco...$468,274
(a) $29,000; (b) $34,300; (c) $960; (d) $2100; (e) $5450; (f) $——; (g) $62,000; (h) $——; (i) $9100, alternate, $9500; (j) $1450; (m) $900.

G. W. Howard, Wyoming.....$487,000
(a) $22,000; (b) $30,000; (c) $960; (d) $8000; (h) $8000; (i) $9100, alternate, $1450; (m) $900; (n) $8000.

Electrical Work

Hill Electrical Mfg. Co.....$20,689
F. E. Newbery..... 21,602
Commercial Elec. Co..... 21,965
Radelfinger Bros. 22,240

Plumbing

Miller-Hayes Co., Stockton $15,277
Brandt Bros. 15,397
Stockton Plumbing & Supply Co. 18,556

Heating and Ventilating

Stockton Plmbg. & Supply Co.$28,025.00
Miller-Hayes Co., Stockton.. 28,570.00
W. H. Picard, Oakland..... 30,190.00
Brandt Bros. 30,801.95
F. P. Sexton..... 33,898.00

COMPLETE MECHANICAL EQUIPMENT
(Plumbing, Heating, Ventilating and Electrical Work)

Edw. L. Gnekow, 647 E-Main St., Stockton $62,280
Miller-Hayes Co., Stockton..... 64,536
Latourrette-Fical Co., Sacto..... 66,250
F. P. Sexton, Stockton..... 70,594

Jail Equipment

Ralston Iron Works, C. F.....$36,465
Van Dorn Iron Works, Cleveland Ohio 38,467

Building Complete (Proposition No. 6)

Goolds & John $553,920

The Herman Safe Co., submitted a bid which was not read on account of some technicality.

REDDING, Shasta Co., Cal.—Until July 5, 3 P. M., bids will be rec. by S. N. Witherow, County Clerk, to const. detention ward and ward for insane persons and for improvements in county jail. Cert. check 10% payable to County of Shasta required with each bid. Plans obtainable from C. R. Wiegel, County Surveyor at Redding.

RESIDENCES

Plans Being Prepared—To Be Done By Day's Work.
RESIDENCES Cost $13,000 ea.
SAN FRANCISCO, Ingleside Terrace.
Five 2-story frame residences.
Owner—Ingleside Terrace Co.
Architect—H. H. Gutterson, 278 Post St. San Francisco.

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Plans Being Figured.
RESIDENCE Cost—
SAN FRANCISCO 305 Lake St.
Two-story and basement frame residence (brick veneer and shingle exterior, T & G roof).
Owner—W. Shepard French.
Architect—H. H. Gutterson, 278 Post St. San Francisco.
Figures are being taken for a general contract.

Ready For Figures In A Week.
RESIDENCE Cost, $15,000
SAN FRANCISCO, St Francis Wood.
Two-story frame and stucco residence.
Owner—Dr. M. B. Wesson.
Architect — Henry H. Gutterson, 278 Post St., San Francisco.

To Be Done By Day's Work.
DWELLINGS Cost, $3750 ea.
BERKELEY, Cal., 1036, 1060, 1052, 1048, 1044 Monterey, 2010 Berryman, 1040 1036 1032 1030 & 1026 Colusa St. 1301 1305 1307 1311 1315 Milvia St. Sixteen 1-story 5-room frame dwlgs.
Owner—Roy O. Long Co., 2114 Shattuck Ave., Berkeley.

Contract Awarded.
RESIDENCE Cost—
PIEDMONT, Alameda Co., Cal., Lot 10 Crocker Terrace.
Two-story frame residence and garage.
Owner—Francis L McCaffery 678 Walsworth, Oakland.
Architect—Sidney B. & Noble Newsom, Nevada Bk Bldg., San Francisco.
General contract to Emil Person, 351 12th St., Oakland, $9635.
Tile work awarded to Rigney Tile Co., 260 Walsworth St., Oakland, $330.
Plumbing and sewering to Oscar L. Zeis 787 22nd St., Oakland, $1820.
Painting to A. Van Heerdon & Co., 6250 College Ave., Oakland, $1433.
Brick work to Chas. Chubb, 1932 Linden St., Oakland, $719.
Elec. work to Rochester Elec. Co., 2134 University Ave., Berkeley, $490.
Lathing & plastering to J. Rinaldi, 853 52nd St., Piedmont, $2400.

Plans Being Prepared.
RESIDENCE Cost, $7500
GUERNEVILLE, Sonoma Co., Cal.
Two-story frame and stucco residence.
Owner—David Easdale, Guerneville.
Architect—Miller & Warnecke, Perry Bldg., Oakland.

Revised Plans Completed.
RESIDENCE Cost, $12,000
SANTA ROSA, Sonoma Co., Cal.
Two-story frame and stucco residence.
Owner—Mr. and Mrs. W. F. Cowan, Santa Rosa.
Architect — Miller & Warnecke, Perry Bldg., Oakland.

Plans Being Figured.
RESIDENCE Cost, $—
SAN RAFAEL, Marin Co., Cal.
Two-story frame and stucco residence and separate garage (9 rooms).
Owner—H. C. Wolsey.
Architect—Walter King, Call Bldg, San Francisco.
Figures are being taken for a general contract.

Plans Being Prepared.
RESIDENCE Cost, $10,000
OAKLAND, Alameda Co., Cal., Cleveland Ave.
Two-story frame and stucco residence (8 rooms) and separate double garage (Italian style.
Owner—Withheld.
Architects—Guy L. Brown, American Bank Bldg., Oakland.

Plans Being Prepared—Figures To Be Taken In Ten Days.
RESIDENCE Cost, $30,000
PIEDMONT, Alameda Co., Cal.
Two-story frame, brick veneer and stucco residence.
Owner—Withheld.
Architects—Sidney B. & Noble Newsom, Nevada Bank Bldg., S. F.

SCHOOLS

Commissioned To Prepare Plans.
GYMNASIUM Cost—
WOODLAND, Yolo Co., Cal.
Manual training and gymnasium bldg.
Owner—Woodland High School District
Architect—W. H. Weeks, 36 Pine St., San Francisco.

UNITED IRON WORKS
Manufacturers—Engineers

Clarence Sand Pratt, President, Oakland, June 8, 1923.
Pratt Building Material Co.,
San Francisco,
Dear Sandy:

We note that you are going into the crushed rock business at Prattrock, near Folsom and that you are going to crush those hard boulders left by the gold dredgers. Therefore you want one of our special crushers to reduce these stones economically.

As we are anxious to get $100.00 worth of cumulative preferred stock or $50.00 worth of your common stock we suggest the following names:

"Pratt's Placer Rock or Gravel"
Pratt's Basalt Gravel"

Yours truly,
J. A. YEATMAN, Sales Manager.

JOHN STARK
Sand, Rock and Building Materials

Clarence Sand Pratt, President, Vallejo, Calif., June 8, 1923.
Pratt Building Material Co.,
518 Hearst Building,
San Francisco,
Dear Sandy:

I received your letter the other day in regard to naming your new crushed rock and crushed gravel from Prattrock, near Folsom and I submit the following:

"Pratt's Cobble Rock"
"Pratt's Superior Cobble Rock"
"Pratt's Excellent Concrete Rock"
"Pratt's Dependable Rock"
"Pratt's Superior Rock"
"Pratt's Super Concrete Rock"

I hope to win the $100.00 worth of cumulative preferred stock or the $50.00 carload of crushed rock or the $35.00 carload of your clean, sharp sand.

Respectfully submitted,
JOHN STARK.

OFFICE
SUPERINTENDENT OF PARKS
City of Sacramento

June 8, 1923.

Sandy Pratt, Producer
Of Clean, Sharp Sand,
For Parks and Everything,
Dear Sandy:

I suggest for the best name for your new crushed rock and crushed gravel from Prattrock, near Folsom in our county, the following:

"Prattrock"
"Prattmix"

Yours truly,
F. N. Evans, Supt. of Parks
of City of Sacramento

THE ABOVE letters represent.
* * *
SAMPLES OF the 65 answers.
* * *
THAT ARE now.
* * *
IN THE office.
* * *
OF CLARENCE Sand Pratt, President.
* * *
OF PRATT Building Material Co.
* * *
DOUGLAS 300—"easy to remember."
* * *
AND PRODUCER.
* * *
OF PRATT'S clean, sharp sand.
* * *
THE FIRST letter is from Oakland.
* * *
AND THE author.
* * *
HAS A good crusher.
* * *
TO SELL to Sandy Pratt
* * *
THE SECOND letter from John Stark.
* * *
A SAND dealer from Vallejo.
* * *
WHO HANDLES Sandy's clean sand.
* * *
AND THEN Superintendent Evans.
* * *
OF SACRAMENTO'S beautiful parks.
* * *
HAS SUGGESTED "Prattrock."
* * *
FOR A good commercial name.
* * *
DEAR READER, please remember.
* * *
THAT SANDY Pratt.
* * *
IS GIVING away $250.000.
* * *
FOR A good trade name.
* * *
FOR HIS wonderful crushed rock.
* * *
TO BE produced.
* * *
BY SANDY'S new company.
* * *
THE PRATT Rock & Gravel Co.
* * *
"I THANK you."

The familiar home scene, not unknown in some homes, shows a "friendly" but firm discussion from Mrs. I. C. U. R. Boss to her poor henpecked husband on the subject of names. Today Mr. and Mrs. I. C. U. R. Boss are trying to decide on a good name for Sandy Pratt's new crushed rock, but the argument is this. In whose name will the $100.00 cumulative preferred stock of the Pratt Rock & Gravel Co. be issued if they win first prize?

Plans Being Figured—Bids Close June 23, 1923 at 2:30 p. m.
SCHOOL Cost, $110,000
PLEASANTON, Alameda Co., Cal.
One and two-story reinforced concrete school with 2 wings (12 rooms and an auditorium, domestic science and manual training departments).
Owner — Amador Valley Union High School District.
Architect—Henry C. Smith, Humboldt Bank Bldg., San Francisco.
Bids are being taken both for a general contract and for segregated contracts as follows: general work, plumbing, heating, painting and electrical wiring.

Contract Awarded.
ALTERATIONS Cost, $16,630
SAN FRANCISCO. N Lake St., bet. 14th and 15th Avenues.
Alterations and additions for brick nursery and one-story frame gymnasium.
Owner—San Francisco Nursery for Homeless Children, Premises.
Architect—Kenneth MacDonald and Maurice Couchot, 234 Pine St., San Francisco.

SAN JOSE, Santa Clara Co., Cal.—Bids were opened on June 6th by the Board of Trustees of the Hester School District, to construct 1-story concrete 6-room addition to present school, for which bonds of $22,000 were voted Wyckoff and White, Growers' Bank Bldg., San Jose, architects. Bids were taken under advisement.
Palo Alto Constr Co., (1) $21,361, (2) 15,849, (3) $6652.
D. J. Byron, San Jose, (1) $21,887, (2) $15,965, (3) $7438.
E. Nommensen, San Jose, (1) $22,980, (2) $16,940, (3) $7972.
Morrison Bros., Santa Clara, (1) $24,-908, (2) $18,840, (3) $8728.
R. O. Summers, San Jose, (1) $25,544, (2) $18,809, (3) $8090.

Plans Being Figured—Bids Close June 30, 1923, 6 P. M.
ADDITIONS Cost, $——
KENTFIELD, Marin Co., Cal.
Additions to school.
Owner — Kentfield School District, Frank Bush, Clerk.
Architect—J. W. Dolliver, 855 Monadnock Bldg., San Francisco.

Contract Awarded.
HEATING PLANT Cost—
GONZALES, Monterey Co., Cal.
Two-room addition and central heating plant.
Owner—Gonzales School District.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
General contract awarded to Cobby & Owsley, Call Bldg., at $4184.
Heating bids taken under advisement.

Bids To Be Called For In About a Week
ALTERATIONS & ADD. Cost—
BERKELEY, Alameda Co., Cal., Burbank School.
Alterations and additions to school.
Owner—City of Berkeley Board of Education.
Architect—W. H. Ratcliff Jr., 1st Natl. Bank Bldg., Berkeley.

Comm. To Prepare Plans.
AUD. & MACHINE SHOP Cost—
MERCED, Merced Co., Calif.
Auditorium and machine shop for high school group; auditorium to seat 1000—shop to be 120x40 ft.
Owner—Merced Union High School District.
Architect—Allison & Allison, Hibernian Bldg., Los Angeles.

LOS BANOS, Merced Co., Cal.—Finlayson Construction Co., Los Banos, at $19,259 awarded cont. by West Side Union High School District to erect science building. P. K. Angle, Dos Palos, only other bidder, $21,500. E. J. Kump Co., Architects, Rowell Bldg., Fresno.

MONTEREY, Monterey Co., Cal. — Until June 30, 1:30 p. m., bids will be rec. by Jas. McIntoch, clerk, Monterey Union High School District, for (1) finish hardware for various school buildings and (2) to complete basement rooms in new Science building. Coulter and Dean, architects, Monterey. Plans obtainable from clerk.

PIEDMONT, Alameda Co., Cal.—The Board of Trustees of the Piedmont School District on June 11th opened bids for the construction of a 1-story reinforced concrete and stucco school building to contain four classrooms and an auditorium, W. H. Weeks, 369 Pine St., S. F., is the architect. Bids were taken under advisement.

General Contract

M. E. Hopper & Son, 1117 Webster St., Oakland	$34,000
Campbell Constr. Co., Sacramento	34,448
Peters Constr. Co., S. F.	35,500
Cobby & Owsly, S. F.	36,590
Morton Builders, S. F.	37,437
Larsen-Siegrist Co., S. F.	39,500
Allen & Conrad	43,007

Heating

Scott Co., Oakland	$2284
W. H. Picard, Oakland	2620
J. E. O'Mara, S. F.	2687
Moore & Wood	2771
Carl T. Doell	3618

SUTTER CITY, Sutter Co., Cal. — Bids will be asked at once by the Sutter Union High School District, A. W. Graves, clerk, to construct addition to gymnasium building with provision for an auditorium seating approx. 800.

OROVILLE, Butte Co., Cal. — Until June 20, 12 m., bids will be rec. by Fildred P. Martin, clerk, Board of Education, to erect new school in Bird St. Cert. check 10% payable to Board of Education req. with each bid. Plans obtainable from clerk at Oroville.

LOS BANOS, Merced Co., Cal.—Hansen-Buchen, Modesto, at $12,932 awarded cont. by Los Banos Grammar School District to const. 4-classroom addition to present school. Other bids: Finlayson Const. Co., Los Banos, $14,495; Guy H. Wilson, Los Banos, $15,650.

PORTLAND, Ore.—Wm. Friberg, 625 Lovejoy St., Portland, at $546,640 submits low bid for general construction of Washington high school. Houghtaling & Dougan, architects, Elks Temple Bldg., Portland. Other low bids follow: Heating, Kendall Heating Co., 24 Front Street, Portland, $33,436; plumbing, W. S. Fleming 292 Washington St, Portland, $22,739; elec. work, Ne Page Kenny & Co., 388 Burnside St., Portland, $18,965. Total combined bids, $621,780. Taken under advisement.

FRESNO, Fresno Co., Cal. — Until June 23, bids will be rec. by W. E. Bauman, clerk Tielman School District, Route 1, Box 112, Fresno, for fur. and del. school supplies, including desks and athletic equipment. Complete list of materials desired obtainable from clerk.

HAYWARD, Alameda Co., Cal.—Until July 2, 4 p. m., bids will be rec. by Jacob Harder, Jr., clerk Hayward Grammar School District for fur. and del. school supplies, including athletic supplies, etc. Spec. obtainable from clerk.

Does your painting work come up to your requirements? Are you sure of the qualifications of your painting contractor? Plans and specifications are only a guide as the execution of the work will and must depend upon the experience and integrity of the man you select. Are you purchasing this very important item after a hit-and-miss fashion.

The best guarantee of the QUALITY of OUR SERVICE is the adherence to the HIGHEST painting standards for nearly 40 years.

A. Quandt & Sons
Painters · Decorators
SINCE 1885
374 GUERRERO STREET · MARKET 1709
SAN FRANCISCO
LOS ANGELES

LOS ANGELES, Cal.—Farley & Farley, Burbank, were low bidders at $63,-478 on the general contr. for erecting a new 8-room addition at the Clifford St. school site. C. F. Skilling, archt. The bldg. will be of brick constr. The other bids were: Wm. Stacko, $65,000. C. A. Schweissinger, Jr., $67,505.

LOS ANGELES, Cal. — Wm. Stacko, 1711 W Adams St., was low bidder at $69,500 on the general contr. for erecting a new bldg. at Aldama St. school site. Low bidders on the other contrs. were: G. C. Sutton on plumbing at $5926; Parker-Judge Co. on painting at $3000; J. Hokom on heating at $5285; and H. H. Walker on wiring at $2676.

LOS ANGELES, Cal.—Christ Thoren, 1415 Stanley Ave., Los Angeles, was awarded general contract at $59,370 for erecting an auditorium at Glendale Ave Intermediate school site; Alfred F. Priest, 719 Fay Bldg., Los Angeles, architect. Awards of other contracts were J. A. Newton Elec. Co. on electrical work at $2176.24; Coker & Taylor on plumbing at $2983; and Frank Davidson on steam heating at $3000.

SAN FRANCISCO — 1. M. Sommer, Balboa Bldg., at $192,687 awarded general contract by Bd. Pub. Wks. to erect Francisco school; reinf. conc. constr., in Powell St., bet. Chestnut and Francisco. Bid of Robt. Trost the lowest rec. at $191,865, was rejected as affidavit was not signed. Other contracts let follow: Heating and plumbing, A. Lettich, 365 Fell St., $10,995 and $9565 respectively; electric work, Globe Electric Works, $5555. John Reid, Jr., city architect.

SACRAMENTO, Cal.—Until June 25, 5 p. m., bids will be rec. by Chas. C. Hughes, secy. Board of Education, rm. 300 City Hall, for fur. and install. window and transom shades in the additions to the Fremont, Jefferson, Sierra and Leland Stanford schools; material to be ecru colored Holland linen with 1½-in. Hartshorn rollers on lower windows and 1⅝-in. rolleds on transoms throughout. Cert. check 10% payable to Board of Educ. req. Spec. obtainable from secretary.

LOS ANGELES, Cal.—Until 7:30 p. m. June 25, bids will be received by Board of Trustees of Bell School Dist., for erecting a new 8-unit school bldg. at Bell. Arthur W. Angel, 2136 1st St., archt. Bids will be taken separately on the general contr., plas. and plumbing. Hollow tile walls, 1-sto., tile or comp. rfg., plas. exter., O. P. fls., gas htg.

BERKELEY, Alameda Co., Cal.—Until June 19, 4 P. M., bids will be rec. by Clyde Blanchard, Secretary, Board of Education, 2133 Allston Way, to finish and complete 3 classrooms, second floor of Longfellow School, Sacramento, Ward, California and Derby Sts. **See Call for bids under official proposal section in this issue.**

BERKELEY, Alameda Co., Cal.—Until June 25, 4 P. M., bids will be rec. by Clyde Blanchard, Sect'y., Bd. of Education, 2133 Allston Way, to erect auditorium at Garfield Intermediate School, Rose and Grant Sts. Wm. C. Hays, Architect, First Nat'l. Bank Bldg., San Francisco. **See call for bids under official proposal section in this issue.**

LOS ANGELES, Cal.—John B. Dawson, 600 Fay Bldg., was low bidder at $59,430 on the general contr. for erecting a new bldg. at Belvedere school site; Train & Williams, archts. Low bidders on the other contrs. were: H. E. Murray on plumbing at $1692; Thos. Haverty Co., on heating at $3983; Alhambra Wall Paper & Paint Co. on painting at $1275; and H. H. Walker on wiring at $1618.

LOS ANGELES, Cal.—Wm. G. Reed, Long Beach, was low bidder at $91,820 for erecting a new school bldg. at Gulf Ave. school site, Wilmington; Henry F. Withey, archt. Low bidders on other contrs. were: American Electric Constr. Co. on wiring at $3787; J. Hokom on heating at $5979; Buffalo Plumbing Co. on plumbing at $5585; Parker-Judge Co. on painting at $3000. The appropriation was $84,000.

YUBA CITY, Sutter Co., Cal.—Until June 22, 8 P. M., bids will rec. by V. W. Cooley, Clerk, Yuba City Union High School District, for fur. and install. shop equipment. **See call for bids under official proposal section in this issue.**

BIEBER, Lassen Co., Cal. — Cofer Bros., Klamath Falls, Ore., at $27,367 awarded cont. by Lassen Union High School District to erect branch high school. Chas. N. Cooseboom, architect, Klamath Falls, Ore. Other bidders were C. N. Bostrom, Orland, $34,950; R. B. McKenzie, Gerber, $31,400; Woodward & Grebe, Susanville, $35,360.

LOS ANGELES, Cal.—Sordel & Mason 715 Pine Ave., Long Beach, were low bidders at $74,662 on the general contract for erecting a new elementary school at Torrence; Farrell & Miller, archts. Low bidders on the other contrs were: H. E. Murray on plumbing at $5450; Franklin & Boyce on heating at $6175; W. H. Nicholas Elec. Co. on wiring at $3880; and Alhambra Wall Paper & Paint Co. on painting at $2750.

LOS ANGELES, Cal.—North Pacific Constr. Co., 1302 Detwiler Bldg., was low bidder at $68,370 on the general contract for erecting a new bldg. at Coronel school site; Harwood Hewitt, archt. John B. Dawson, 500 Fay Bldg., was low bidder on alternate proposals. Low bidders on the other contracts were: Ashworth & Gallop on plumbing at $5015; Midgley Bros. on heating at $8140; R. E. Swan on painting at $2935; and American Electric Constr. Co. on wiring at $2464.

SANTA ANA, Orange Co., Cal.—R. C. McMillen, 702 S Birch St., Santa Ana, submitted low bid to bd. educ. June 6, at $67,474 for gen. contr. for constr. additions to four school bldgs. under plans prepared by Archt. F. H. Eley, Santa Ana. George Cocking submitted low bid on heating at $4400. Other bids were: General—John Simpson Co., $75,-000; Homan & Cully, $81,300; J. A. Barrows, $91,500; Bowman & Tuttle, $102,-000. Heating—Hill & Sons, $6293. Bids were taken under advisement.

LOS ANGELES, Cal.—Until 9 a. m., June 27, bids will be received by the board of education for the following school work:

For erecting an addition to the Manchester Ave. school, s.e. cor. Manchester Ave. and Hoover St.; brick constr.; $56,000.

For erecting an addition to the Barton Hill school bldg., n.w. cor. Pacific Ave. and O'Farrell Sts., San Pedro; brick constr.; $56,000.

Bids will be taken separately on the general contr., plumbing, heating, painting and wiring. Plans and spec. may be obtained at secretary's office, 730 Security Bldg.

LOS ANGELES, Cal.—Eastman & Sweeney, Long Beach, were awarded the general contract at $77,363 for erecting school building at Torrance. Farrell & Miller, Architects. The contract was let on the original bid of $75,063 with a deduction of $500 for double hung windowa and an addition of $2800 for clay tile roofing. Other contracts were awarded as follows: Plumbing to H. E. Murray at $5450; heating to Franklin & Boyce at $6175; painting to Alhambra Wall Paper & Paint Co. at $2750, and wiring to W. H. Nicholas Electric Co. at $3880.

LOS ANGELES, Cal.—Darrell Condley Co., 620 Marsh-Strong Bldg., was awarded the general contract at $137,-654 for erecting a new high school building at Torrance; Farrell & Miller, Architects. Other contracts were awarded as follows: Plumbing to H. E. Murray at $13,400; and heating and ventilating to Geo. A. Posthumus at $13,948. Bids for painting and electric work were rejected and work will be readvertised.

WILLIAMS, Colusa Co., Cal.—Until June 25, bids will be rec. by Geo. Abel, Clerk, Freshwater School District, to paint school, located about 5 miles n. w. of Williams, 2 coats of paint on exterior walls and roof and one coat on floor, paint to run 66 per cent Pioneer white lead and 34 per cent raw linseed oil; interior walls to receive one coat Alabastine.

HUNTINGTON BEACH, Cal.—Anton Johnson, 704 Union Bank Bldg., L. A. was apparently low bidder at $178,537 on gen. contr.; John Simpson Co., Los Angeles, was next low at $182,477; these two bids were taken under advisement and others rejected. Low bids on other work were: Turner Plumbing & Heating Co., Huntington Beach, $9300 on plumbing; W. R. Higgins, Huntington Beach, low on painting at $4228; Pemberton Heat. & Vent. Co., Los Angeles, at $13,775 on Pemberton heat sys., and Foss & Jones, Pasadnea, at $15,774 on steam; J. G. Roberts Elec. Co. at $3950 on wiring not including radio and equipment; Myberg Co. at $2135.75 on elec. fix; Internat. Time Recording Co. at $1500 on clocks and bells; City Window Shade Co. only bidder at $1500 on shades alone. Brick constr., 22-rms., 2 stories and part 1-sto., face brick trimmed with cast stone, comp. rf., pine trim and fls., plans by Archt. J. C. Smith, 325 H. W. Hellman Bldg., Los Angeles. The bids were: **General Contract**—Anton Johnson Co., Kingsburg, $178,537; (a) excavating, $700; (b) wood fls. on conc., no bid; (c) Servoleum fls. and base, $2508; (d) wood base for wood fls., $120; (e) hyloplate blackboards, $2385.60; slate blackboards, $5072. John Simpson Co., $182,477; (a) $1900, (b) $2750, (c) $4300, (d) no bid, (e) $1700, (f) $3100. Frank Hudson, $193,693; (a) $500, (b) $1800, (c) $2363, (d) 12c ft., 75c sq. ft. (f) $1 sq. ft. C. T. McGrew, $191,361; (a) $3200, (b) $2100, for rms. and $396 for corridors; (c) $4373; (d) $180; (e) $1875; (f) $3750. Eastman & Sweeney, $197,913; (a) $2000 (b) $2317, (c) $3983, (d) $250, (e) $1515, (f) $3026. Clark Bros., $208,575; (a) $1750, (b) $2338, (c) $4909, (d) no bid, (e) $1700, (f) $3030. **Plumbing**—Turner Co., $9300; Ed. Manning, $10,362; O. L. Cassidy, $10,900. **Painting**—W. R. Higgins, $4248; E. Drawbaugh, not including shades $4400; Wickens & Empe, $5000; Alhambra Wall Paint & Paper Co., $6760; R. E. Swan, 7260. **Heating**—Pemberton Co., $13,775, add $1050 if three furnace rms. are made into class rooms; Foss & Jones, $15,774 for plenum sys. **Electric Wiring**—Roberts Elec. Co. $3950, not including radio sya; R. A. McIntosh, $7386; A. E. Fink, $9711. **Fixtures**—Myberg Co., $2135.75; Wagner-Woodruff Co., $3000. **Clocks and Bells**—Internat. Co., $1550; Pac. Elec. Clock Co., $2525; Standard Elec. Time Co., $2996.

TUJUNGA, L. A. Co., Cal.—Until 7:30 p. m., June 29, new bids will be received by the trustees of the Tujunga City School Dist., for the erection of a 4-room school bldg. and auditorium bldg. at Pine and El Centro Sts., Tujunga; bids will be received on gen. contract with plumbing, elec. wiring and painting separate; plans by Archt. H. M. Banfield and H. A. Welch, assoc., 514 Bryson Bldg. One-story and part two-story, reinf. conc. or hollow tile or hollow conc. walls, plas. exter., comp. rfg., O. P. and conc. fls., auditorium will seat 1200 people; $40,000.

BURBANK, L. A. Co., Cal.—Until 7:30 p. m., June 25, bids will be received by Board of trustees of Burbank school district for erecting additions to Abraham Lincoln and Joaquin Miller schools. Allison & Allison, 1405 Hibernian Bldg., archts. The additions will contain one and two rooms, respectively, and will be of frame constr., plas. exter. over metal lath, shingle roofs. Bids will be taken separately on general work, plumbing and heating.

LOS ANGELES, Cal.—John B. Dawson, 600 Fay Bldg., was awarded the general contract at $63,090 for erecting a new bldg. at Coronal St. school site; Harwood Hewitt, archt. The contract was let on the original bid of $69,490 with deductions of $800 for galvanized iron instead of copper exter. metal wk. and $5600 for omitting Tuffa stone. Other contracts awarded were: Plumbing to Ashworth & Gallop at $5075; heating to Midgley Bros. at $8140; and wiring to American Electric Constr Co. at $2464.

LIGNI-SALVOR
Best Wood Preserver (REGISTERED)
50 Gal. Bbls. $2.00 Gal. 5 GAL. CANS $11.25 Net F.O.B. S.F.
Contains 60% Crude Carbolic Acid in Insoluble Form
Douglas Woodhams & Co.
24 California St. San Francisco, Calif.

LOS ANGELES, Cal.—The Hardiman Co., I. W. Hellman Bldg., has been awarded the gen. contract at $67,343 for erecting a new school bldg. at Bandini St. school site, San Pedro; Francis D. Rutherford, archt. Other contracts were awarded as follows: Plumbing to Hickman Bros. at $6620; heating to Western Engineering & Construction co. at $6903; painting to Arenz-Warren Co. at $2735 and wiring to Newbery Electric Corp. at $2897. (45992) 1st report April 16; 3rd June

LOS ANGELES, Cal.—Salih Bros., 505 mortgage Guarantee Bldg. were awarded the general contr. at $76,397 for erecting a new school bldg. at Lorena St. school site. H. C. Deckbar, archt. Other contrs. were awarded as follows: Heating to Western Engr. & Constr. Co. at $8164; painting to H. H. Mann at $1896 and wiring to Newberry Elec. Corp. at $3784. Bids for plumbing were rejected and the work will be readvertised.

LOS ANGELES, Cal.—John B. Dawson, 500 Fay Bldg., was awarded the general contract at $59,430 for erecting a new school bldg. on the Belvedere school site; Train & Williams, archts. Other contracts were awarded as follows: Heating to Thos. Haverty Co., at $3983; plumbing to H. E. Murray at $1692; painting to Alhambra Wall Paper & Paint Co. at $1275; and wiring to H. H. Walker at $1618.

MERCED, Merced Co., Cal. — Architects Allison and Allison, Hibernian Building, Los Angeles, have filed application with the trustees of the Merced Union High School District seeking the commission to prepare plans for the branch high school to be erected at Livingston and for which bonds have been voted. Archt. W. H. Weeks, 369 Pine St., San Francisco, has filed a similar application.

SANTA BARBARA, Cal.—Until 2 p. m., June 28, bids will be received by board of education of Santa Barbara for erecting two 1-story and basement class C grade school bldgs. and a 3-rm. class C kindergarten bldg. at Santa Barbara; Soule, Murphy & Hastings, 1206 State St., Santa Barbara, archts. Bids will be taken separately on the general contract, plumbing, heating and electric wiring. The two grade schools will cost about $135,000 each.

BANKS, STORES & OFFICES

Bids Being Taken for Grading and Reinforcing Steel.
STORE & OFFICE Cost, $130,000
SAN FRANCISCO S Market 112-6 W 7th
Threesto-ry, basement and mez. floor reinf. conc. store & office bldg.
Owner—Marion Realty Co., 1171 Market St., San Francisco.
Architect—D. C. Coleman, 1141 Market St., San Francisco.

Contract Awarded.
REPAIRS Cost, $16,000
SAN FRANCISCO, 670 Folsom St.
Remove present and replace with new flooring, general repairs for offices
Owner—Western Elec. Co.
Architect—Plant Engineer of owner.
Contractor—W. G. Thornalley, Webster Bldg., Oakland.

Bids Being Taken For Grading and Reinforcing Steel.
STORE & OFFICE Cost, $130,000
SAN FRANCISCO, S Market 75 W 7th
Three-story, basement and mez. floor reinf. conc. store and office bldg.
Owner—W. B. Wagnon, 317 Bush St., San Francisco.
Architect—D. C. Coleman, 1141 Market St., San Francisco.

Segregated Figures Being Taken.
BANK BLDG. Cost, $75,000
NAPA, Napa Co., Cal.
One-story reinforced concrete bank building, 60x75 (stone or terra cotta facing).
Owner—Bank of Napa.
Architect — H. H. Winner Co., Sharon Bldg., San Francisco.
Segregated figures being taken as follows: Concrete work, carpenter work, electric, plumbing, heating, lathing and plastering, marble, cabinet, painting and decorating, glass and glazing, electric fixtures and roofing.

Completing Plans.
ALTERATIONS Cost, $25,000
SAN FRANCISCO, S Market 300 W 6th
Lower present basement floor, install elevators, construct 2 additional stories and remodel front for stores
Owner—A. J. Lowenberg, Hearst Bldg., San Francisco.
Architect—Samuel Lightner Hyman, 68 Post St., San Francisco.

Plans Being Prepared.
OFFICES. Cost, $50,000
OAKLAND, Hawthorne St.
Two-story and basement brick doctor's offices.
Owner—Dr. Clifford Sweet, Oakland.
Architect—Edward Glass, Underwood Bldg., San Francisco.
NOTE—The entire building will be used for Dr. Sweet's offices and treatment rooms for children.

Completing Plans.
ALTERATIONS Cost, $10,000
SAN FRANCISCO, 988 Market St.
Remove present and construct new terra cotta partitions, plumbing, lathing and plastering, painting, decorating, install kitchen equipment, etc.
Owner—Warfield Cafeteria, 210 Loew Bldg., San Francisco.
Architect—Rist & Riedy, 850 Pacific Bldg., San Francisco.

Sketches Being Prepared.
BANK BLDG. Cost, $100,000
VALLEJO, Solano Co., Cal. Georgia St.
One-story concrete and steel bank bldg.
Owner — Vallejo Central Commercial Bank.
Architect—Hermann Safe Co., 216 Fremont St., San Francisco.

Sub-Figures To Be Taken In a Week.
STORE BLDG. Cost, $125,000
OAKLAND, Alameda Co., Cal., N Broadway 150 S 19th St.
Four-story and basement reinforced concrete store building.
Owner—Smith Bros.
Architect—Wythe & Blaine, Central Bk Bldg., Oakland.
Contractor—Chas. W. Heyer, Mills Bldg., San Francisco, and Dalziel Bldg., Oakland.

Plans To Be Prepared.
STORE & OFFICE BLDG. Cost—
OAKLAND, Alameda Co., Cal., NW 16th and Telegraph Ave.
Six-story fireproof store and office building.
Owner—Owl Drug Co.
Architect—To be selected shortly.
Oliver Duval & Son, Dalziel Bldg., Oakland, may be selected as architects as they have been doing all the architectural work for the company.

Sub-Figures Being Taken.
BANK BLDG. Cost, $200,000
SAN FRANCISCO, 426 California St.
Two-story class A addition to present bank building.
Owner—San Francisco Savings & Loan Society.
Architect — Herbert A. Schmidt, 251 Kearny St., San Francisco.
Contractor—Chas. W. Heyer, Jr., Mills Bldg., San Francisco.

Contract Awarded.
ADDITION Cost—
PETALUMA, Sonoma County, Calif.
Washington Street.
Two-story (addition) brick and steel store and (6) offices, 30x48 ft.
Owner—Harry Herold, Petaluma.
Architect—Brainerd Jones, Petaluma.
Contractor—H. S. McCarger, Petaluma.

CHICO, Butte Co., Cal.—Blds are being rec. by Dr. J. O. Chiapella, 327 Chestnut St., Chico, to erect a one-story 32x80 ft. brick (2) store buildings in Broadway bet. 1st and 2nd sts. Provision is made in the plans for walls sufficient to carry an additional story, to be constructed at a later date.

SAN LUIS OBISPO, Cal.—W. J. Smith has the contr. at $24,000 to erect a 2-sto. brick store bldg. and rooming house bldg., 40x74 ft. on Higuera St. for Joe P. Silva. The ground floor will contain 1 large store.

SAN FERNANDO, Cal.—The Bank of San Fernando has been organized with a capital of $100,000 and will erect a 3-story bank 50x90 ft., costing $70,000 at Brand and Porter Sts. Plans are being prepared. Munn & Poppelman, Brand and Celis, are owners of the property and will erect the bldg.

SACRAMENTO, Cal.—Lindgren Co., Monadnock Bldg., San Francisco, has awarded a contract to the Ralston Iron Works of San Francisco for the roof steel for the 13-story Class A office building of the California State Life Insurance Co. Contract price approximately $11,000.

LOS ANGELES, Cal. — Charles B. Guthrie, 1326 S Brand Blvd., has taken a 99-year lease on the n.w. cor. of Broadway and Central Ave., and contemplate the erection of a 5-story class A bldg., 53x135 ft. Norenberg & Johnson, 401 L. A. Ry. Bldg., Los Angeles, will be the archts.

LOS ANGELES, Cal.—Archts. Morgan, Walls & Morgan, 1124 Van Nuys Bldg., are preparing plans for a 2-story and part basement newspaper publishing and store bldg. to be erected at n.w. corner of Pico and Figueroa Sts. for the Evening Herald. The bldg. will have a frontage of 271 ft. on Figueroa St., 153 on Pico St. and 322ft. on Denton St. It will contain 21 stores and the second sto., part of the first sto. and basement will be occupied by the publication offices and printing plant of the Evening Herald. A portion of the bldg. which will house the press room and printing department will be of class A reinf. conc. constr.; the remainder will be class C brick constr.; stucco and cast stone exter., Spanish style, plate glass windows, steel beams, comp. rfg., metal skylights, steel sash, elevator, cement, wood and reinf. conc. fls., steam htg.

CHICO, Butte Co., Cal.—Booth and Herboth, 222 3rd St., Marysville, awarded contract for plumbing work on the $160,000 first National Bank building, now under construction. Chester Cole, Waterland-Breslauer Bldg., Chico, architects.

COVINA, Cal.—Edward A. Hubbard, Covina, has been awarded the general contract at $45,000 for erecting a new bank building at Covina for the First National Bank of Covina. One-story and mezzanine story; dimensions, 50x100 ft., reinf. concr. walls, steel rf. trusses, glazed brick and terra cotta facing, plate glass, metal skylights, marble and tile work, etc. The bank fixtures and heating will be let separately. Plans by A. Godfrey Bailey, 410 Jr. Orpheum Bldg., Los Angeles.

LOS ANGELES, Cal.—See "Hotels," this issue.

ANAHEIM, Cal.—See "Hotels" in this issue.

WHITTIER, Cal.—See "Apts." this issue.

SAN FRANCISCO—The Pacific Mfg. Co., 177 Stevenson Street, has been awarded a contract for the mill and carpentry work at $104,400 in connection with the construction of a 10-story class A office bldg. on NE Powell and Post Sts., for the Wm. & M. Fitzhugh. Reid Bros., 105 Montgomery St., are the architects; Hunter & Hudson, engineers and P. J. Walker Co., general contractors.

THEATRES

Plans to be Ready For Figures in Two Weeks.
THEATRE Cost, $——
OAKLAND, Alameda Co., Cal. Foothill Blvd. near Seminary Ave.
Class A motion picture and store bldg.
Owner—Mrs. Gabriel Moulin, 145 Buena Vista Terrace, San Francisco.
Architect—Reid Bros., 105 Montgomery St., San Francisco.

LONG BEACH, Cal.—Archts. Hugh R. Davies and Edward J. Baume, assoc., 514 Marine Bank Bldg., Long Beach, are preparing plans for converting a garage bldg. in Long Beach into a high-class Egyptian theatre for Anton F. and Arthur B. Cheroske, Long Beach. Only the walls and trusses of the old structure will be used. Stage and vaudeville, moving picture equipment, brick and conc. constr., plas. ceiling, comp. asbestos domed rf., art stone proscenium facade, 1700 seats, organ loft, ventilating system, found. 73x110 feet.

SAN FRANCISCO—W. A. Plummer Mfg. Co., 37 Front St., at $28,740 awarded cont. by Bd. Pub. Wks. to install electrically operated curtains in Civic Auditorium.

LOS ANGELES, Cal.—Archt. Harold Cross, 905 Merchants Nat. Bank Bldg., L. A., has prepared sketches for a group of film studio bldgs. to be erected on a 21-acre site bounded by Beverly Blvd., 1st St., Virgil and Juanita Aves., for the Charles Ray Enterprises Corp. There will be a studio unit containing a 5-story reinf. conc. class A administration bldg., 4 stage bldgs., property rms. and shop bldgs., and there will also be a 10-sto. class A office and shop bldg., 5 apt. bldgs., theatre and bank bldg., store bldgs., and a central htg. and power plant to furnish heat and power for entire group. The site will be landscaped and a large lake will be constructed; $3,000,000.

WHARVES & DOCKS

SAN DIEGO, Cal.—Untied Dredging Co., Central Bldg., Los Angeles, awarded contr. by city harbor comm. for const. of the new mole type pier at the foot of B St. The permit issued to the commission amounted to $750,000, which includes a steel warehouse, contract for which has not been let. The funds for work on the new pier, voted last March, amounted to $495,000. The warehouse will cost approx $250,000.

MISCELLANEOUS BUILDING CONSTRUCTION

Contract Awarded For Addition To R. R. Shops.
ADDITION Cost, $70,000 approx
SACRAMENTO, Cal.
One-story steel and reinforced concrete addition to Jeffery Shops.
Owner—Western Pacific Railroad Co., Mills Bldg., San Francisco.
Architect—Engineering Dept. of Owner
Contractor — Wm. Murcell, Oehsner Bldg., Sacramento.

Independent Material & Supply Co.
SAND, ROCK, GRAVEL
ESTIMATES FURNISHED
PHONE S. R. 89 OFFICE 409 B ST., SAN RAFAEL

Contract Awarded.
FOUNDATIONS Cost, $4000
OAKLAND, 1st and Market Sts. (gas works).
Concrete foundations for boilers.
Owner—Pacific Gas & Elec. Co., 445 Sutter St., San Francisco.
Architect—Eng. Dept. of owner.
Contractor—Renner Foundation Co. 628 Montgomery St., San Francisco.
The balance of the work will be done by the owners.

Sub-Contracts Awarded.
BUILDINGS Cost—
SAN FRANCISCO, Blk bound. by Beach Jefferson, Jones and Leavenworth.
Several class B reinforced concrete buildings, tanks, etc. for oil distributing plant (warehouse, garage, small office building, pump house, Foam Fire protection system tanks).
Owner—Standard Oil Co.
Architect—Engineering Dept. of Owner.
Contractor — R. McLeran Co., Hearst Bldg., San Francisco.
Reinforcing steel to Badt-Falk Co.
Steel sash to U. S. Metal Products Co.
Glass to W. P. Fuller Co.
Rolling doors (Kinnear) to Pacific Materials Co.
Plumbing to Monihan & Slavin.
Structural steel to Ralston Iron Works.
Sheet Metal work to Percy Sheet Metal Company.
Excavating to Carlin Dredging Co.
Painting to Mohr & Son.
Electrical work to J. W. Howard.

SAN PEDRO, Cal.—General Petroleum Co. will erect an 800,000 bbl. tank farm, and loading wharves on Terminal Island, according to Rodney S. Dunkee, comptroller. Est. cost, approx. $2,000,000.

GLENDALE, L. A. Co., Cal.—Grand View Cemetery on Grand View Ave., Glendale, has secured permit to build a reinf. conc. mausoleum, 35x300 ft., containing 400 crypts; will require 25 tons reinf. steel; const. will be in charge of C. A. Cornell under supervision of Mgr. Len C. Davis.

OAKLAND, Cal.—Montgomery-Ward & Co., have awarded a contract to the Kinnear Manufacturing Co., represented in San Francisco by the Pacific Materials Co., 525 Market Street, for twenty steel rolling doors for their new building to be erected on 29th Avenue and E-14th Street in Oakland. Plans were prepared by Architect A. McCauley, of Chicago, Ill. and call for an eight-story reinforced concrete structure 145x184 especially equipped for a mail order operating plant. Wells Bros. of Chicago, are the general contractors. Both Mr. McCauley and Mr. P. A. Wells are staying at the Hotel Oakland.

COMPTON, Cal.—Gen. Petroleum Co., Higgins Bldg., Los Angeles, is starting work on a 2,000,000 bbl. oil storage project on a 30-acre site 3 mi. n. w. of Compton at n. w. cor. Central Ave. and 122th St. Two tanks will be built at once, one 700,000 bbls. capacity and the other 1,250,000 bbls.

LOS ANGELES, Cal.—Frank W. Sharp, Builders' Exchange, Stimson Bldg., Los Angeles, has been awarded a contract at about $81,000 for all work complete for erecting a new Class A building and adding a third-story to the existing building of Home Service Laundry Co. on Crocker St., bet. 11th and 12th Sts. W. J. Saunders, 227 Laughlin Bldg., Los Angeles, is the architect. The additional story will be 85x77 ft., brick construction. The new building will be 3-sto., 113x110 ft., reinforced concrete construction, plaster exterior, steel sash, composition roofing, metal skylights, 2 elevators.

LOS ANGELES, Cal.—See "Theatres," this issue.

SANTA ANA, Cal.—Pacific Telephone & Telegraph Co. will start work at once on the new reinf. conc. exchange and administration bldg. to be erected at 5th and Bush Sts., 40x74 ft., 3-story $75,000. Approx $200,000 will be expended on equipment. J. A. Mathis, of Los Angeles, has the contract.

PISMO BEACH, Cal.—Pismo Beach, a summer resort located about 12 miles from San Luis Obispo, has been purchased by W. H. Ward of Kingsburg and E. Russell of Dinuba, who plan to erect a number of concession buildings and summer homes, in addition to remodeling the main hotel building and cottages. Store buildings will be erected for leasing purposes. Approx. $100,000 will be spent in improvements which will include the remodeling of the water system.

LONG BEACH, Cal.—Archt. Clarence L. Jay, 301 Braley Bldg., Pasadena, is preparing working drawings for an elaborate mausoleum bldg. to be erected on the Downey Rd., about a mile east of Signal Hill, Long Beach, by the Sunset Engineering Co., for the Sunnyside Mausoleum Co. Found. and basement, 200x185 ft., reinf. conc. constr., stone exter., tile rfg., marble and tile fls., iron and bronze grilles, hollow tile walls. It will contain 3000 crypts, crematory, columbarium, offices, private rms., 2 chapels, care takers apts., organ loft, tower with private rms., elevator, marble, tile and stone inter. surfacing, steel sash, electric lighting and door controls.

POMONA, Cal.—Archt. Albert C. Martin, 430 Higgins Bldg., is preparing plans for a convent to be erected at Pomona. Brick constr., 2-story, 38x200 ft., tile rfg., pine trim, maple fls., tiled baths, steam htg; $60,000.

COVINA, Cal.—Arcnts. Train & Williams, 226 Western Mutual Life Bldg., are completing plans for two new fireproof dormitories to be erected at Covina for the Masonic Homes of California. Each bldg. will contain a reception room, locker rooms, lavatories and small dormitory rooms to accommodate 45 beds. Reinf. conc. frame and fls., brick walls, 48x82 ft., 2-story and basement, conc. roof slab, plas. exter., metal skylights, pine trim, steam htg., tiled lavatories. Work will include connecting corridors to present bldgs. Total cost, $150,000.

LOS ANGELES, Cal. — Milwaukee Building Co., 315 Wright-Callender Bldg., Los Angeles, is preparing plans and has the contract to erect a 2-story mortuary building at the corner of Washington and Bonsallo streets, for Pierce Bros. Co.; will contain chapel, rest rooms, offices, family rooms, bed rooms, parlors. Plaster exterior, 124x166 ft., brick and frame construction, tile roofing, ornamental iron, basement, gas unit and gas rad. heating, water heater, hardwood floors, tile work, art glass, electric elevator, private garage to be 55x126 ft., cement floor, wood roof trusses. Cost, $125,000.

LOS ANGELES, Calif.—Archt. Robert H. Orr, 1305 Corporation Bldg., has been commissioned to prepare plans for a Home for the Aged to be erected on Santa Anita Ave., opposite Villa St., Pasadena, for National Benevolent Assn., J. H. Morhorter, secy. It will be known as the Massie Old People's Home. It is planned to erect a group of bldgs., the first units of which will be a building to accommodate 60 people, a small hospital and a building for helps' quarters. Bldgs. will be of brick constr., cast stone trim, clay tile rfs., and firet units will cost $250,000.

Building and Roofing
PAPERS
BONESTELL & CO.
118-124 FIRST STREET
Tel. Sutter 646

LOS ANGELES, Cal.—Archt. John J. Frauenfelder, 1116 Story Bldg., L. A., is completing plans and will take bids soon for the erection of a 4-story class C nurses club bldg. at 3rd and Lucas Sts., for Los Angeles Nurses' Club. It will contain administrative offices of the club, auditorium, lobby and living rms. U-shape, 140x76x76x38 ft., comp. rfg., press. brick facing, cast stone trim, wall beds, gas steam htg., elevator, water htrs., pine inter. trim and fls., tiled baths.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Further information regarding these opportunities may be had from Domestic and Foreign Trade Department of San Francisco Chamber of Commerce, Merchants' Exchange Bldg.:

7107 — San Francisco, Calif. Local lumber company desires to get in touch with importers of German shingle stains, paste and pigment.

7108 — Tokio, Japan. Importers seek connections with American manufacturers of toilet materials, instruments of any kind, artificial teeth and material for dental surgery, medical instruments of new invention, and machinery of small sizes.

7109—Hongkong, China. Firm desires to act as representative for local manufacturers of plumbing materials and supplies, as well as electrically driven and gasoline engine driven water pumps, with capacities up to 4000 gallons per hour. Catalogs and price lists, including agents discounts, requested.

7110—San Francisco, Calif. Gentleman desires to act as salesman or agent for San Francisco firms trading with South America or Mexico. Thirteen years business experience in Mexico. Speaks Spanish fluently.

7112—Belize, British Honduras, C. A. Lumber company desires quotations in carload lots f. o. b. or f. a. s. vessel New Orleans on best giade California redwood for tank purposes free of sap and defective knots, size 1½x1¾ and 2x12 rough.

7113—San Francisco, Calif. Gentleman who is leaving in the near future for Europe, visiting England, Belgium, Holland, Germany, Poland, and the Balkan countries, desires to act as representative for San Francisco firms. Speaks eight languages and has thorough knowledge of European business methods.

7114—San Francisco, Calif. Graduate student of University of California from India possessing thorough knowledge of Indian correspondence and export trade, will act as export correspondent for nominal charges.

7115—Mexico City, Mexico. Cigarette factory wishes to buy advertising, specialties, such as electrical signs, etc.

7117—San Francisco, Calif. Gentleman with six years experience in foreign trade embracing executive, sales and purchasing departments, speaking French, German and Spanish fluently, desires connection offering a future with a San Francisco house.

7118—Toronto, Can. Firm wishes to get in touch with some local firms with a view of putting their goods on the Canadian market. Have good retail and wholesale connections.

7119—San Francisco, Calif. Swedish firm seeks connections with importers of cement.

7126—San Francisco, Calif. Manufacturer of a saw for sawing steel desires to have a San Francisco export house represent them in India, Australia and Java.

7127—San Francisco, Calif. American with knowledge of Japanese leaves in near future for Japan where he desires to represent San Francisco firm. Contract for a period of years will be entered if necessary.

7128—San Francisco, Calif. Gentleman with ten years selling experience covering Mexico desires to represent San Francisco houses in Latin America.

D-599—Colorado Springs, Colo. Manufacturers of a Garden Hose Holder are desirous of securing the services of a live wire man to represent them in this territory.

D-604—Plentywood, Mont. Party has patent on cultivator which he would like to exploit in this territory.

Official Proposals

NOTICE TO CONTRACTORS FOR FINISHING AND COMPLETING THREE CLASSROOMS, SECOND FLOOR OF THE LONGFELLOW SCHOOL.

(City of Berkeley)

The Board of Education of the City of Berkeley and of Berkeley School District in the County of Alameda, State of California, invites and the undersigned will receive in his office, 2133 Allston Way, Berkeley, California, up to the hour of **4 o'clock p. m., June 19, 1923,** sealed proposals for furnishing the necessary materials, tools and labor for the doing of certain work under segregated contracts as set forth below for finishing and completing three classrooms, second floor of Longfellow School, situated on Sacramento, California, Ward and Derby Streets, in Berkeley School District, in accordance with plans and specifications adopted by said Board of Education and now on file in the office of the said Board of Education, 2133 Allston Way, Berkeley, California. Sealed proposals must be filed for each portion of the work as segregated and set forth below:

1. Carpentry and millwork.
2. Lathing and plastering.

Copies of said plans and specifications may be obtained from the office of the Secretary of the Board of Education, 2133 Allston Way, Berkeley, California, upon depositing the sum of five ($5.00) dollars cash. Plans and specifications must be returned within six (6) days from date of receipt or said deposit may be forfeited. Deposit will be forfeited on any plans not returned to the Board of Education on or before June 22, 1923.

Bids must be on blank forms furnished by and obtained from said Secretary of the Board of Education. Work on any of the above segregated contracts must commence within 48 hours from notification of the Board of Education to commence said work, and be diligently prosecuted until completion thereof, unless otherwise ordered by said Board of Education.

The successful bidder will be required to furnish a surety bond acceptable to the Board of Education in a sum not less than twentyfive (25%) per cent of the contract price, guaranteeing the faithful performance of the contract also a bond in a sum not less than fifty (50%) per cent of the contract price guaranteeing payment of all claims for labor employed or materials used in the construction of the Longfellow School as provided by an Act of the Legislature of the State of California entitled, "An Act to secure the Payment of Claims of Material-men, Mechanics or Laborers Employed by Contractors upon State, Municipal or Public Work, approved March 27, 1897," and must carry adequate insurance or give bonds indemnifying the Board of Education against liability for compensation provided by "Workingmen's Compensation Insurance and Safety Act, approved May 26, 1913," satisfactory to the said Board of Education.

All bids must be accompanied by a cash deposit or a certified check on a responsible bank and payable to the Board of Education for an amount equal to ten (10%) per cent of the amount of the bid.

If the bidder to whom the contract is awarded shall for five (5) days after such an award fail or neglect to enter into a contract and file the required bonds for the faithful performance of the contract and the furnishing of materials and labor, the cash deposit or certified check of said bidder may be declared forfeited to the Board of Education and shall be collected and paid into the General Fund of said Board of Education.

The Board of Education reserves the right to reject any and all bids.

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

By order of the Board of Education of the City of Berkeley and Berkeley High School District, County of Alameda, State of California.

CLYDE BLANCHARD,
Secretary of the Said Board of Education.

NOTICE TO BIDDERS FOR THE CONSTRUCTION OF AN AUDITORIUM AT THE GARFIELD INTERMEDIATE SCHOOL

(City of Berkeley)

The Board of Education of the City of Berkeley and of the Berkeley School District in the County of Alameda, State of California, invites and the undersigned will receive at his office, 2133 Allston Way, Berkeley, California, **up to the hour of 4 o'clock P. M., Tuesday, June 19, 1923,** sealed proposals for furnishing the necessary materials, tools and labor for the doing of certain work under segragated contracts as set forth below for the construction of an auditorium at the Garfield Intermediate School, Rose and Grant Streets, in the City of Berkeley, in accordance with plans and specifications adopted by said Board of Education on May 23, 1923, and now on file in the office of the said Board of Education, 2133 Allston Way, Berkeley, California. Sealed proposals must be filed for each portion of the work as segregated and set forth below:

1. General Work.
2. Structural Steel.
3. Heating and Ventilating.
4. Lathing and Plastering.

Copies of said plans and specifications may be obtained from the offices of William C. Hays, 1325 First National Bank Building, San Francisco, California, and from the office of the Board of Education, 2133 Allston Way, Berkeley, California, upon depositing the sum of Ten ($10.00) Dollars cash. Plans and specifications must be returned within five (5) days from date of receipt or said deposit may be forfeited. Said deposit will be forfeited unless the plans are returned to the architect on or before 4 o'clock P. M., June 25, 1923.

Bids must be on blank forms furnished by and obtained from said William C. Hays or the office of the Board of Education. Work on any of the above segregated contracts must commence within 48 hours from notification of the Board of Education to commence said work, and be diligently prosecuted until completion thereof, unless otherwise ordered by said Board of Education and the Architect.

The successful bidder will be required to furnish a surety bond acceptable to the Board of Education in a sum not less than twenty-five (25%) per cent of the contract price, guaranteeing the faithful performance of the contract; also a bond in a sum not less than fifty (50%) per cent of the contract price, guaranteeing the payment of all claims for labor employed or materials used in the construction of an auditorium at the Garfield Intermediate School as provided by an Act of the Legislature of the State of California entitled "An Act to Secure the Payment of Claims of Materialmen, Mechanics or Laborers Employed by Contractors upon State, Municipal or other Public Works, Approved March 27, 1897," and must carry adequate insurance or give bonds indemnifying the Board of Education against liability for compensation provided by "Workingmen's Compensation Insurance and Safety Act, approved May 26, 1913," satisfactory to the said Board of Education.

All bids must be accompanied by a cash deposit or certified check on a responsible bank and payable to the Board of Education for an amount equal to ten (10%) per cent of the amount of the bid.

If the bidder to whom the contract is awarded shall for five (5) days after such an award fail or neglect to enter into a contract and file the required bonds for the faithful performance of the contract and the furnishing of materials and labor, the cash deposit or certified check of said bidder may be declared forfeited to the Board of Education and shall be collected and paid into the General Fund of said Board of education.

The Board of Education reserves the right to reject any and all bids.

By order of the Board of Education of the City of Berkeley, County of Alameda, State of California.

CLYDE BLANCHARD,
Secretary of said Board of Education.

NOTICE TO BIDDERS

(Refrigerating & Ice Making Plant)

Notice is hereby given that sealed proposals or bids will be received by the Board of Supervisors of Santa Clara County, California, in their rooms in the Court House, in the City of San Jose, up to **11 o'clock a. m. of Monday, July 2nd, 1923,** for the refrigerating and ice-making plant, as well as building housing same, to be installed at Santa Clara County Hospital, Santa Clara County, California. Plans and specifications may be obtained from Binder & Curtis, architects, San Jose, Calif.

Each bid must be accompanied by a certified check in the sum of 10 per cent of the amount bid, drawn upon some reliable bank in favor of Henry A. Pfister, County Clerk, as liquidated damages in case the successful bidder fails to file a satisfactory bond as required by said Board within 10 days for the faithful performance of the conditions of the contract.

The Board reserves the right to reject any and all bids.

All bids must be addressed to A. L. Hubbard, Chairman of the Board of Supervisors of Santa Clara County, and indorsed "Bids for Ice-Making Plant."

By order of the Board of Supervisors of Santa Clara County.

Attest: HENRY A. PFISTER, Clerk
By Eugene M. Don, Deputy Clerk.

QUANTITY SURVEYOR
and Valuation Engineer
Buildings & Engineering Works
ARTHUR PRIDDLE
603 Mission Street, at Third St.
San Francisco, Calif.
Telephone Douglas 8-4-9-3

NOTICE TO BIDDERS

(Pearl Harbor—Pipe Line)

SEALED PROPOSALS — Indorsed "proposals for pipe line, Pearl Harbor, Hawaii, Specification No. 4827" will be received at the Bureau of Yards and Docks, Navy Department, Washington, D. C., until 11 o'clock a. m., July 18, 1923, and then and there publicly opened, for pipe line, with valves, hydrants and valve boxes at the naval operating base, Pearl Harbor, T. H. Drawing and specification No. 4827 may be obtained on application to the bureau, to the Commandant, Navy Yard, Mare Island, Calif., or to the Commandant, Naval Operating Base, Pearl Harbor, T. H. Deposit of a check or postal money order for $10, payable to the Chief of the Bureau of Yards and Docks is required as security for the safe return of the drawing and specification. L. E. GREGORY, Chief of Bureau. April 28, 1923.

BIDS WANTED FOR ADDITION TO SCHOOL

NOTICE TO CONTRACTORS

Notice is hereby given that the Board of Trustees of Kentfield School District will receive bids **up to 6 P. M., Saturday, June 30, 1923,** for certain additions to the Kentfield School, Kentfield, California.

Plans and specifications for this work will be furnished by J. W. Dolliver, Architect, 855 Monadnock Bldg., San Francisco.

All bids must be in the hands of the Board at or before the time specified above.

The Board reserves the right to reject any and all bids.

FRANK A. BUSH, Clerk.
JAMES H. GILHULY.
E. R. HOUGH.
Trustees of Kentfield School District.

NOTICE TO BIDDERS

(Sparks, Nevada—Plumbing & Heating)

The Board for the care or Indigent Insane will receive bids for the plumbing and heating for Men's Ward Building to be constructed at Sparks, Nev., according to official plans and specifications now on file.

All bids are to be sealed in opaque envelopes and filed with the Clerk of the Board for the Care of Indigent Insane **up to 12 o'clock noon on the 22nd day of June, 1923.**

Each bid shall be accompanied by a certified check made payable to The State of Nevada, amounting to at least 5 per cent of the amount of bid.

Plans and specifications may be secured by depositing Ten ($10.00) Dollars at the office of F. J. DeLongchamps, Architect, Gazette Building, Reno, Nev.

Authorized by the
BOARD FOR THE CARE OF INDIGENT INSANE.
This 9th day of June, 1923.

BRIDGE BIDS WANTED

NOTICE TO CONTRACTORS

Sealed proposals for constructing two bridges on the Cuyama National Forest Road project located partly within the Santa Barbara National Forest, State of California, County of Santa Barbara, will be received by the District Engineer, Bureau of Public Roads, U. S. Department of Agriculture, at 881 Mills Building, San Francisco, California, **until 2 o'clock P. M. on the 3rd day of July, 1923,** at which time and place they will be publicly opened and read. The right is reserved to reject any and all bids, and none will be considered except those from contractors ascertained to be experienced and responsible.

The two bridges are about one-half mile apart and are located near the Cuyama River about 20 miles east of Santa Maria, California. The Pine Creek Bridge consists of 3-40' concrete girders and the Alisso Creek Bridge of 2-40' girders on concrete piers and abutments. The principal items of work are approximately as follows: 270 cu. yds. Class "C" concrete, 475 cu. yds. Class "B" concrete, 460 cu. yds. Class "A" concrete, and 34 tons of reinforcing steel.

The work embraced in this contract shall be completed within 100 weather working days (page 4), following the execution of the contract by the Secretary of Agriculture.

The contract form and maps, plans, specifications, and estimates of quantities may be examined by responsible contractors at the following addresses:

881 Mills Building, San Francisco, California.

Care State Highway Engineer, Sacramento, California.

Care R. H. Charlton, Federal Building, Los Angeles, California.

Care C. L. Preisker, Santa Maria, California.

Plans and specifications will be furnished to interested contractors upon receipt of check for $5.00 made payable to the Secretary of Agriculture. Check will be refunded on their return to District Engineer, 881 Mills Bldg., San Francisco, Calif.

All proposals must be made on forms, and in accordance with instructions, forming a part of the specifications above referred to, and must be accompanied by a proposal guaranty in an amount at least equal to five (5) per cent of the total amount of the proposal.

C. H. SWEETSER,
District Engineer.

BIDS WANTED FOR STATE HIGHWAY IMPROVEMENT

STATE OF CALIFORNIA

DEPARTMENT OF PUBLIC WORKS

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of **the California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock P. M., on July 9, 1923,** at which time they will be publicly opened and read for construction in accordance with the specifications therefor to which special reference is made, portions of State Highway as follows:

Placer County, between Auburn and Northerly Boundary (III-Pla-17-C), about seven and five-tenths (7.5) miles in length, to be surfaced with an asphaltic seal coat.

Sonoma County, near Lytton (IV-Son-1-A), about two-tenths (0.2) miles in length, to be graded and surfaced with gravel.

Plans may be seen and forms of proposal, bonds, contracts and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineers' offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal for full directions as to bidding, quantities of work to be done, etc.

The Department of Public Works, acting by and through the California Highway Commission, reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

HARVEY M. TOY,
LOUIS EVERDING,
N. T. EDWARDS,
California Highway Commission.
R. M. MORTON,
State Highway Engineer.
W. F. MIXON,
Secretary.
Dated June 11, 1923.

NOTICE TO BIDDERS

(County of Madera—Equipment)

NOTICE IS HEREBY GIVEN THAT pursuant to an order of the Board of Supervisors made and entered on the 5th day of June, 1923, sealed bids will be received by said Board at their Office in the Court House, in the City of Madera, County of Madera, State of California, **up to July 3rd, 1923, at 10 o'clock A. M.,** for the following truck equipment:

2—4 Yard dump beds with horizontal hydraulic power lift, installed on 2 Madera County Liberty trucks located at Madera, California.

2—2½ Yard dump beds with horizontal hydraulic power lift, installed on 2 Madera County Pierce Arrow trucks located at Madera, California.

All dump beds to be equipped with not less than ⅜ inch Steel and to have double action tail gates.

Each bid to be accompanied with a picture or drawing of the dump bed offered.

Each bid to be accompanied by a certified check of 10 per cent of amount bid to insure the delivery of said dump beds as submitted.

All bids must be sealed and addressed to L. W. Cooper, County Clerk and ex-officio Clerk of the Board of Supervisors of the County of Madera, State of California and be delivered to and filed with said Clerk prior to the 3rd day of July at 10 o'clock A. M.

The Board reserves the right to reject any and all bids.

Dated June 5th, 1923.
(SEAL) L. W. COOPER,
County Clerk and ex-officio Clerk of the Board of Supervisors of Madera County, State of California.

BIDS WANTED FOR HIGHWAY IMPROVEMENT

NOTICE TO CONTRACTORS

Sealed proposals will be received by the undersigned on June 27, 1923, for constructing portions of the State Highway System in Elko County as follows:

(1) Bids received until, and opened at 1:30 P. M., for grading construction of culverts and placing a gravel surface between Deeth and 9 Miles East.

(2) Bids received until, and opened at 2:30 P. M., for grading construction of culverts and placing a gravel surface between 9 Miles East of Deeth and Wells.

Plans may be examined and form of proposal, contract and specificatins secured at office of undersigned; may also be examined at the County Clerk's office in Elko, the Division Engineer's office in Elko, Las Vegas or Reno, and District Office of Bureau of Public Roads, Mills Bldg., San Francisco, California. Cash deposit of Fifteen Dollars ($15.00) with the undersigned required for copy of plans, which will be refunded on their return in good condition, provided, that they are returned within 30 days after the opening of bids. Bids must be on proposal form of Highway Department, and must be accompanied by a certified check in the amount of 5% of the bid.

Each bidder must accompany his bid with a certificate from a Surety Company, duly authorized to do business in this State, stating that such Surety Company will provide said bidder with a bond in such sum as is required in and in accordance with the provisions of said specifications, conditioned for the faithful performance of the provisions of the Contract and Specification.

Right is reserved to reject any or all bids.

GEO. W. BORDEN,
State Highway Engineer, Carson City Nevada.

NOTICE TO BIDDERS

Shop Equipment—Yuba City)

Notice is hereby given that on **Friday June 22, at 8:00 o'clock p. m.,** the Yuba City Union High School Board will meet at the high school office on Plumas street, to open and consider bids for shop equipment for the school, as per lists, specifications and conditions on file at the office of the Principal. Bids must be in the hands of the Clerk at or before the time specified. The Board reserves the right to reject any or all bids.

By order of the Board.
V. W. COOLEY,
Clerk.

Engineering News Section

BRIDGES

OAKLAND, Cal.—Wilson B. Ellis & Co., 2236 Grove St., Berkeley, awarded contract at $24,817.50 on June 11th by Geo. E. Gross, County Clerk, to widen conc. bridge over San Leandro creek in 14th St., Eden Township, involv. 1000 cu. yds. grading and excavation; 700 cu. yds. conc.; 38,000 lbs. rein. steel and removal of portions of old structure and walls, cutting through old wing walls, removal and replacing old conduits, sewers, electroliers, etc.; construct 90 lin. ft. conc. curb and gutter; 650 sq. ft. conc. walks; 2800 sq. ft. conc and asph. conc. pavement; 800 sq. ft. asph. wearing surface in bridge. Est. cost, $23,000.

Other bidders were:

Jones & King	$25,722.50
C. A. Bruce	26,640.00
Tieslau Bros.	29,715.00

REDDING, Shasta Co., Cal.—Bids will be asked shortly by supervisors to const. 3 rein. conc. bridges across Big Hatchet creek, Little Hatchet Creek, bet. Montgomery Creek and Burney and across Roaring river on Montgomery Creek-Big Bend road. C. R. Wiegel county Surv.

TUCSON, Ariz.—City Council will call a $130,000 bond election soon to vote on several municipal improvements including $75,000 for concr. culvert over the Arroyo in the north section of town. G. H. Atchley, City Engr.

SANTA BARBARA COUNTY, Calif.—Until July 3, 2 P. M., bids will be rec. by C. H. Sweetser, Dist. Eng. U. S. Bur. of Pub. Rds., 881 Mills Bldg. San Francisco, to const. 2 bridges about one-half mile apart near the Cayuma River about 20 mi. east of Santa Maria in Santa Barbara County. Pine Creek bridge consists of 3 40-ft. concrete girders and the Aliso Creek bridge 2 40 ft. girders on concrete piers and abutments. Contract involves 270 cu. yds. Class C conc.; 475 cu. yds. Class B conc. and 460 cu. yds. Class A conc. and 34 tons reinforcing steel. **See call for bids under official proposal section in this issue.**

SONOMA COUNTY, Calif.—Davison & Nicolsen, 336 W-Lafyette St., Stockton, at $13,204.50 (Eng. est. $16,920) awarded cont. by State Highway Comm. to const. rein. conc. bridge in Sonoma county over Arroyo Seco creek near Shellville, consisting of 2 40-ft. rein. conc. birder spans with necessary pier, abutments and wing walls. Project involv. 120 cu. yds. Class A and 350 cu. yds. Class C Portland cem. conc. in place; 28,000 lbs. rein. steel in place and 55 Douglas fir piles in place.

YREKA, Siskiyou Co., Cal.—Untion Bridge Co., Ft. of Fenwick and Kenton Sts., Portland, Ore., at $26,884 awarded cont. by supervisors to const. steel bridge over Klamath River at Klamathon. Complete list of bids follow:

Design D—220 ft. span over river (old site): Geo. H. Wilson, Dunsmuir, $22,492. Union Bridge Co., $16,000.

Design E—170 ft. span over river 100 ft. span over track, 153-ft. trestle approach: Wilson, $31,604. Union, $26,884 (awarded).

Design F—170-ft. span over river; 100-ft. wooden approach over r.r. track, 153 ft. trestle approach; Wilson, $30,000; Union, $23,184.

Albert F. Parrott, county surveyor.

HOLLISTER, San Benito Co., Cal.—James Powers, Hollister, at $925 (labor only) awarded cont. by supervisors to paint Bird Creek and Tres Pinos bridges.

REDDING, Shasta Co. — Until July 5, 3 p. m., bids will be rec. by S. N. Witherow, county clerk, to const. 3 rein. conc. girder bridges, as follows: (1) across Big Hatchet Creek and (2) across Little Hatchet Creek, both on Redding-Alturas lateral of state highway and (3) across Roaring Creek on Montgomery Creek and Big Bend wagon road. Cert. check 10% payable to county req. C. R. Wiegel, county surv.

FAIRFIELD, Solano Co., Cal.—Solano County supervisors are conferring with supervisors of Yolo county regarding the proposed construction of the Stevenson bridge across Putah Creek.

EUREKA, Humboldt Co., Cal.—Until July 9, bids will be rec. by Fred M. Kay, county clerk, for new steel truss and floor for "Ballou Ford" bridge near Ferndale. A. J. Logan, county surv.

NAPA, Napa Co., Cal.—Until July 2, 10 a. m., bids will be rec. by county supervisors to const. 2 rein. conc. bridges on Dry Creek road.

SALEM, Ore.—Until June 25, 2 P. M., bids will be rec. by State Highway Commission, meeting in Multnomah County Court House, Portland, Ore. for bridge projects, as follows:

Grant County—5 bridges on John Day River Highway near Mt. Vernon Involv. 255 cu. yds. conc.; 8000 lbs. metal reinforcement; 270,000 lbs. structural steel; 5200 lin. ft. piling; 55 M FBM lumber and 520 lin. ft. wood trestle.

Josephine County—Over Applegate River near Grants Pass on Grants Pass-Crescent City Highway, involv. 290 cu. yds. conc.; 21,000 lbs. metal reinforcement; 185,000 lbs. structural steel and 35 lin. ft. wood trestle. Roy A. Klein, State Highway Eng.

DREDGING, HARBOR WORKS AND EXCAVATIONS

LONG BEACH, Cal. — Los Angeles Dredging Co., Seaside Park, Long Beach, submitted low bid to City Mgr. C. H. Windham at 14.2c cu. yd. for dredging bet. the entrance jetties and the outlet of the flood control channel, approx. 983,000 cu. yds. material, to be deposited on the outer shore of the harbor. A depth of 25 ft. below mean low water will be provided by this contract, and a width of 150 ft. in channel No. 3, with 200 ft. through the turning basis. Contractor will begin work within 30 days and will remove not less than 100,000 cu. yds. of material each month. The oil fund will pay for the work. Work being done under the direction of City Mgr. C. H. Windham. Other blds were: United Dredging Co., 14.65c; San Francisco Bridge Co., 16.5c. Bids under advisement.

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FORT MASON, Cal. — See "Government work," this issue.

PETALUMA, Sonoma Co., Calif.—See "Factories and Warehouses" this issue.

IRRIGATION PROJECTS

MERCED, Cal.—"See Reservoirs & Dams," this issue.

LIGHTING SYSTEMS

LOS ANGELES, Cal.—Supervisors declare inten. to const. ornam. light. sys., consisting of c. i. posts, cables, wires, conduits, involving a total of 67 posts, on 162nd St., Walnut Ave., Spencer St., Palm Ave., Roane St. and San Pedro St., under County Imp. No. 4. Protests July 12. Work under County Imp. Act of 1921.

SACRAMENTO, Cal.—City commissioners petitioned to install electroliers in 12th St. from the subway to L St.; work to be financed by property owners, the city to maintain the system after installation. Albert Givan, city engineer.

LOS ANGELES, Cal.—Until 10 a. m., June 25, bids will be rec. by Bd. Pub. Wks. to const. ornam. light. sys. on Belle Porte Ave., bet. Western St. and 50 ft. south of 259th St., involv. posts, globes, wires, etc. Cert. chk. or bond, 10%, and affidavit of non-collusion.

SANTA CRUZ, Santa Cruz Co., Cal.—Until June 26, 9 a. m., bids will be rec. by S. A. Evans, city clerk, to install 77 electroliers in portions of Morrison, River, Water, Front and Washington Sts. and Pacific Ave. extension. Will be single lamp standards, 77 in all, Union metal design No. 807, 13 ft. 9 in. high. C. I. base 36-in. above sidewalk; col. of 2-ply, non-oxiding, galv. pressed steel, lock seamed. Tops will have G. E. form 12, Novalusc, Cat. "O" casing, No. 103 globe and No. 1103 glass canopy. Jas. K. James, city eng.

MACHINERY & EQUIPMENT

LOS BANOS, Merced Co., Cal.—Until June 23, 2 p. m., bids will be rec. by J. W. Ives, clerk, Los Banos Grammar School District, for fur. and del. one forty passenger motor school bus.

MADERA, Madera Co., Cal.—Until July 3, 10 A. M., bids will be rec. by L. W. Cooper, County Clerk, for fur. and del. the following truck equipment:

Two 4-yd. dump beds with horizontal hydraulic power lift, installed on 2-Madera county Liberty trucks

Two $2\frac{1}{2}$-yd. dump beds with horizontal hydraulic power lift, installed on 2 Madera County Pierce Arrow Trucks.

Beds to be equipped with not less than $\frac{3}{8}$-in. steel and to have double action tail gates.

See call for bids under official proposal section in this issue.

FIRE EQUIPMENT

HAYWARD, Alameda Co., Cal.—Election will be held June 26 to vote bonds of $13,000 to purchase motor fire engine.

TULARE, Tulare Co., Cal.—City votes bonds of $18,300 to finance purchase of fire fighting apparatus.

SAN CARLOS, San Mateo Co., Cal.—Bonds of $2500 voted to finance purchase of fire equipment for newly organized fire department

AUBURN, Placer Co., Cal.—Bonds of $7000 voted to finance purchase of fire fighting equipment.

RESERVOIRS AND DAMS

MERCED, Merced Co., Cal.—Engineers Thebo, Starr & Anderton, Sharon Bldg., San Francisco, have been selected by the directors of the Merced Irrigation District, as consulting engineers for the construction of the upper works of the Merced District, which will include the impounding dam and power house and connections with the lower system now being completed. The compensation is fixed at $24,000 per year. E. Ingham will be resident engineer.

PIPE LINES, WELLS, ETC.

ALHAMBRA, Cal.—Until 5 p. m. June 18, bids will be rec. by city comm. for fur class B cast iron B & S water pipe, as follows: 372 ft. 4-in., 360 ft. 6-in., and 3336 ft. 8-in. pipe, with various class D fittings. First alternative, delivery f. o. b. dock, San Pedro; second alternative: delivery alongside trench, Alhambra. Bids to be in units of 100 ft. Cert. chk or bond, 25%, payable to Grant M. Lorraine, city mgr.

WASHINGTON, D. C.—See "Government Works and Supplies," this issue.

ALHAMBRA, Cal.—U. S. Cast Iron Pipe and Fdy. Co. submitted only bid to city comm. for cast iron. The bid was rejected. Spec. asked for 14,810 ft. 4-in., 4250 ft. 6-in. and 320 ft. 8-in. class B, B. & S. pipe, with class D fittings.

LONG BEACH, Cal.—See "Sewers & Streets," this issue.

LOS ANGELES, Cal.—Until 3 P. M., June 26, blds will be rec. by public service comm., 207 S Broadway, for Matheson joint, bell and spigot, welded steel pipe, f. o. b. cars San Fernando, in 20 ft. lengths, as follows: (1) 75,000 ft. 6-in.; (2) 20,000 ft. 8-in.; (3) 30,000 ft. 12-in.; (4) 3000 ft. 14-in. Bidder to state time of delivery. Spec. 677-B. Jas. P. Vroman, Secy.

LOS ANGELES, Cal.—Until 3 P. M., June 29, bids will be rec. by public service comm., 207 S. Broadway, for B. & S. cast iron water pipe in 12 ft. lengths as follows: 750 pcs. 12-in. of 985 lbs. per length; 1350 pcs. 6-in. of 400 lbs. per length; 4000 pcs. 4-in. of 260 lbs. per length; all f. o. b. Aqua Bldng, Los Angeles; 440 pcs. 12-in. of 985 lbs. per length; 250 pcs. 8-in. of 570 lbs per length; 1150 pcs. 6-in. of 400 lgs. per length; 3450 pcs 4-in. of 260 lbs. per length, all f. o. b. Enterprise Yd., Los Angeles; 500 pcs. 6-in. of 400 lbs. per length, 1000 pcs. 4-in. of 260 lbs per length; all f. o. b. Van Nuys, Calif. Spec. 677-C. Jas. P. Vroman, Secy.

LOS ANGELES, Cal.—Until 3 P. M., June 29, blds will be rec. by public service comm., 207 S Broadway, for B. & S. cast iron water pipe, in 12 ft. lengths, f. o. b. Sawtelle, as follows: 5830 pcs. 4-in. of 260 lbs. per length; 920 pcs. 6-in. if 400 lbs per length; 450 pcs. 8-in. of 570 lbs. per length; 650 pcs. 12-in. of 985 lbs. per length; 4170 pcs. of 280 lbs. per length; 980 pcs. 6-in of 430 lbs. per length. Spec. 676-C Jas. P. Vroman, Secy.

SEWAGE DISPOSAL PLANTS

TUCSON, Ariz.—City council will call bond election to vote $25,000 for additions to the sewer farm.

MISCELLANEOUS CONSTRUCTION

STOCKTON, San Joaquin Co., Cal.—Southern Pacific Co. has submitted preliminary plans to the State Railroad Commission for the construction of the Weber avenue subway. The subway, according to plans submitted, will cost $700,000. Preliminary plans for the proposed have also been prepared by City Eng. W. B. Hogan, who estimates the cost in the neighborhood of $300,000.

TUCSON, Ariz.—City council will call a $130,000 bond issue which will provide $30,000 for a city incinerator.

BAKERSFIELD, Kern Co., Cal.—State Railroad Commission orders City of Bakersfield and Atchison, Topeka & Santa Fe Ry. Co. to eliminate grade crossing of Union Ave and main line track of the A. T. & S. F. by constructing subway. Order directs that subway be constructed one year from the effective date of the order, June 28, 1923.

WATER WORKS

PASADENA, Cal.—See "Machinery and Equipment," this issue.

FRESNO, Fresno Co., Cal.—E. W. Redman, Calimyrna St., Fresno, at $29,413 awarded cont. by city trustees for extensions to water system.

PISMO BEACH, Cal.—Pismo Beach, a summer resort, located about 12 mi. from San Luis Obispo, has been purchased by W. H. Ward, of Kingsburg, and E. Russell, of Dinuba, who plan to expend approx. $100,000 in building construction and in remodeling the present water system.

FORT TOWNSEND—See "Government Work" this issue.

TUCSON, Ariz.—City council will be asked by joint committee in charge of water system enlargement to employ expert engineer to make survey of the city system. J. E. White heads the committee.

BAKERSFIELD, Kern Co., Cal.—W. E. Van Meter, fire chief, recommends to city council the installation of 60 additional fire hydrants in residential section.

TRACY, San Joaquin Co., Cal.—See "Water Works," this issue.

SANTA ANA, Cal.—City Clerk E. L. Vegely instructed to call for bids for furnishing 25 hydrants and a number of valves.

WASHINGTON, D. C.—See "Government Works & Supplies," this issue.

SAN BRUNO, San Mateo Co., Cal.—Election will be held June 16 to vote bonds of $220,000 to finance improvements to water system, involv:

(1) Sink 2 additional wells, to be double cased with outside dia. 16-in. and inside dia. 12-in., ranging in depth from 375 to 400 ft.

(2) Install 3 deep well pumps, to be "Garrett Differential Plunger Pumps" capacity of 200 gals. per min.; each driven by 15 h. p. elec. motor, equipment to be housed in corru. iron shed with "A" frame tower to handle equipment.

(3) Construction of 2 steel rein conc settling tanks, 9½ by 22½ ft., 7-ft. deep, to be equipped with baffle walls to aid sedimentation.

(4) Construction of one steel rein. conc. storage tank, 25-ft. dia., 13-ft. deep.

(5) Install 2 booster pumps, triplex of Dow-Herriman type with 6-in. suction and 5-in. discharge, each having capacity 220 gals. per at 55 rev. per min. Pumps to be driven by 20 h. p. electric motor, all to be housed in fireproof steel corru. iron pumphouse.

(6) Construct 1 large main reservoir, steel reinforced conc. construction, storage capacity of 200,000 gals.

(7) Distributing system; hydrants to be installed to care for 100,000 sq. ft. of area in business and 120,000 sq. ft. in residential district with approx. 300 ft. of fire hose. Hydrants to be double nozzle. Approx. 300 water meters will be installed.

Geo. A. Kneese, Courthouse, Redwood City, eng. on project.

VISALIA, Tulare Co., Cal.—City trustees plan to purchase and improve privately owned water works system. B. J. Pardee is city manager.

SAN DIEGO, Cal.—Until 10:30 A. M., June 25, bids will be rec. by council to const. water distributing system in Mission Beach, bet. Whiting Ct. and alley s. of Portsmouth Ct., in various streets and alleys. Spec. on file at office of City Engr., F. A. Rhodes. Cert. chk. or bond, 10%.

PORTLAND, Ore.—Until June 25, 10:30 A. M., bids will be rec. by Multnomah County Commissioners for fur. two 550-volt, 15-h. p.; 500 rev. per min. series reversing, interpole motors, totally enclosed and weatherproof for outdoor mounting with magnetic brakes and to be operated together or separate. Cert. check 5% req. with each bid.

PLAYGROUNDS & PARKS

LIVE OAK, Sutter Co., Cal.—Representatives of Sutter County Farm Bureau have started negotiations to acquire at the foot of the Sutter Buttes, directly west of Live Oaks, a portion of the Dow homestead lying south of the county highway, embracing forty acres ideally suited for a park and recreational grounds.

PASADENA, Cal.—Bonds of $3,500,000 voted to finance construction of civic center to house group of public buildings and involving considerable landscape work.

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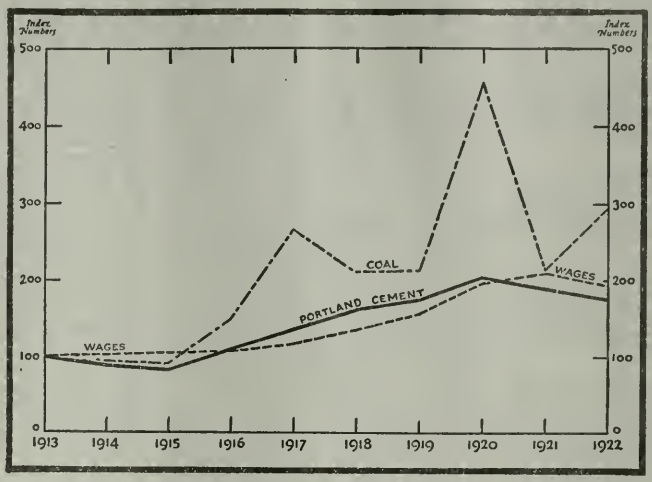

Coal prices from Survey of Current Business, February 1923.
Cement prices from U. S. Geological Survey.
Wages, from November (1922) Monthly Labor Review, Bureau of Labor Statistics.

More for Your Money

By measuring things against each other as our grandmothers did when they swapped eggs for calico, we get the clearest idea of values.

Coal and wages make up more than half the manufacturing cost of cement.

The chart above shows price fluctuations for portland cement, coal and wages during the past ten years. In each case 100 is used to represent 1913 figures, by the Government departments which compiled these statistics.

Translated into "eggs and calico" language this chart shows that a ton of coal would buy nearly twice as much cement in 1922 as in 1913. A day's wages also would buy more cement in 1922 than in 1913.

This means that even though coal and wages make up more than half its manufacturing cost, cement is now relatively lower in price than either coal or wages.

PORTLAND CEMENT ASSOCIATION

A National Organization
to Improve and Extend the Uses of Concrete

Atlanta	Des Moines	Los Angeles	Parkersburg	San Francisco
Boston	Detroit	Milwaukee	Philadelphia	Seattle
Chicago	Helena	Minneapolis	Pittsburgh	St. Louis
Dallas	Indianapolis	New Orleans	Portland, Oreg.	Vancouver, B.C.
Denver	Kansas City	New York	Salt Lake City	Washington, D.C.

SEWERS AND STREET WORK

AUBURN, Placer Co., Cal.—Bonds of $75,000 voted to pave streets connecting up three highways entering Auburn from Colfax, Grass Valley and Sacramento. Jerome A. Barleau, city eng.

SANTA CRUZ, Santa Cruz Co., Cal.—No bids rec. June 12 by county supervisors to imp. 1113 ft. of the Smith Grade in Seaside Rd. Dist. Work will be done by county under supervision of County Surv. Lloyd Bowman.

SANTA CRUZ, Santa Cruz Co., Cal.—County Surv. Lloyd Bowman preparing prel. estimates of cost to imp. Mount Hermon lateral from Glenwood highway to San Lorenzo valley highway; will be graded, widened and curves eliminated.

SONORA, Tuolumne Co., Cal.—F. E. Green, Sonora, at $3360 submits only bid to supervisors to improve highway commencing at Sonora city limits and running to Sierra Rlwy tracks. Taken under advisement until July 2.

ALBANY, Ore.—Bids will be asked shortly by city to const. two main sewers; one to extend from Willamette river to 12th St., thence west in 12th to Vine St., having 3800 ft. 30-in. and 2300 ft. 18-in. pipe, involv. approx. 15,000 cu. yds. excavation, ranging in depth to 25-ft. Other unit extends from Willamette river to S. P. right-of-way, thence s.w. to Madison St., involv. 2500 ft. 18-in. and approx. 4000 cu. yds. excavation; est. cost $65,000. Alt. bids will be rec. for concrete, vit. or monolithic pipe. Stevens and Koon, Engineers, 1202 Spalding Bldg., Portland, Oregon.

NAPA, Napa Co., Cal.—Until July 2, 10 a. m., bids will be rec. by county supervisors to const. sidewalk from Veterans' Home crossing to S. P. station at Yountville.

SAN ANDREAS, Calaveras Co., Cal.—Until July 2, 3 p. m., bids will be rec. by A. W. Poe, county clerk, to grade or gravel (or grade and gravel) North Fork Grade road, bet. north fork of Mokelumne river and town of West Point. Cert. check 10% payable to County Treasurer req. Spec. obtainable from clerk, deposit of $5.

NOGALES, Ariz.—City board of alderman have adopted resolutions to provide three paving districts for the city. Steps will be taken to secure a bond issue to carry out the proposed street improvement program.

GLOBE, Ariz. — Tentative plans for the constr. of a 14-ft. highway from Globe to Prescott and other Yavapai county points were outlined at a recent conference bet. Supervisors Kennedy and Guynup with Dist. Engr. E. S. Wheeler. Yavapai County would spend $232,000 and federal aid totaling $77,000 would be provided to carry out the plans, which would provide a northward highway from Nogales through Tucson, Winkelman, Globe, Roosevelt and Payson.

OAKLAND, Cal.—J. H. Fitzmaurice, 598 Walla Vista, Oakland, was awarded contract at $22,252 on June 11th by Geo. E. Gross, County Clerk, to imp. roads at County Hospital in Eden Township; involv. 4000 cu. yds. grading; 700 cu. yds. borrow; 1000 lin. ft. 4-in. face conc. curbs and gutters; 3800 lin. ft. 5-in. face conc. curbs and gutters; 56,000 sq. ft. 5-in. conc. pavement; 4100 sq. ft. 3-in. cem. walks; 20 cu. yds. conc. in wingwalls, structures, etc.; 1000 lbs. rein. steel; 2000 lin. ft. 6-in. drain tile; 300 cu. yds. broken rock or gravel for drain tile; 700 lin. ft. 6-in. sewer pipe; 12 catchbasins and inlets; 2 manholes.

Other bidders were:

F. A. Mero	$25,523
Healy More & McNair	26,251
Jones & King	26,675
L. De Guarda	26,567
General Constr. Co.	28,745

MISSOULA, Montana—Until June 29, 10 A. M., bids will be rec. by C. H. Purcell, District Engineer, U. S. Bur. of Pub. Roads, 607 Smead-Simons Bldg., Missoula, for following projects:

Libby-Rexford, Ural Warland Sec. Nat'l. Forest Rd. project in Kootenai Nat'l. Forest, Lincoln County, 10.4 mi. involv. 50.5 acres clearing; 32.5 acres grubbing; 7400 cu. yds. rock excavation; 42,300 cu. yds. common excavation; 10.4 mi. finishing earth road; 1700 lin. ft. pipe culverts; 42 cu. yds. Class A conc bridges; 120 cu. yds. Class C conc. bridges abutments; 3660 lbs. rein. steel, bridges; 102 cu. yds. cement rubble masonry; 15,300 cu. yds. crushed rock or gravel surfacing; 1000 cu. yds. maintenance rock or gravel; 4.43 tons structural steel hauling and erecting.

West Gallatin Eldridge Sec. Nat'l. Forest Road, located in Gallatin Nat'l. Forest, Gallatin County, 9.79 mi. involv.; 15.4 acres clearing; 10 acres grubbing; 31.4 acres grubbing, sage brush only; 29,350 cu. yds. rock excavation; 42,150 cu. yds. common excavation 9.79 mi. finishing earth road; 2146 lin. ft. pipe culverts; 2000 lin. ft. guard rail 50 cu. yds. rip rap; 32 cu. yds. Class A conc. bridges; 20 cu. yds. Class A conc. box culverts; 5520 lbs. reinf. steel bridges and culverts; 110 cu. yds. cem. rubble masonry; 85 cu. yds. hand placed embankment; 17,200 cu. yds. crushed rock or gravel surfacing; 1000 cu .yds. maintenance rock or gravel; 2.2 tons structural steel hauling and erecting.

Bonners Ferry Leonia, State Line Sec. Nat'l. Forest Road in Pend O'Reille Nat'l. Forest, (State of Idaho), county of Boundary; 8.06 mi. involv.; 37.8 acres clearing; 24.8 acres grubbing; 7200 cu. yds rock excavation; 39,100 cu. yds. common excavation; 8.06 mi. finishing earth road; 2076 lin. ft. pipe culverts; 88.2 cu. yds. cem. rubble masonry; 14,200 cu. yds. crushed rock or gravel surfacing; 800 cu. yds. maintenance rock or gravel (stock piled).

Bur. Pub. Rds. has equipment to lease to contractors. Plans on file at Bureau of Public Roads, Smead-Simons Bldg., Missoula; Room 316, Post Office Bldg., Portland, Ore., and Associated General Contractors of America, Spokane Hotel Bldg., Spokane, Wash.

NAPA, Napa Co., Cal.—Until July 2, 10 a. m., bids will be rec. by county supervisors to imp. 2.4 mi. of Coombsville road from east Napa city limits to Frisby ranch. Macadam pavement.

LOS ANGELES, Cal.—Baker & Kinsman, 739 H. W. Hellman Bldg., awarded cont. by supervisors at $21,245.38 to grade and oil Vine Vale, bet. Baker and Florence Aves., and const. walks and curb, under county imp. No. 15 in Rd. Div. 402, approx. 4610 lin. ft.

LONG BEACH, Cal. — Bids will be called for at once by City Mgr. C. H. Windham for 30-in. conc. water pipe to be laid on State St., bet. Alamitos reservoir and Elm Ave. and for several miles of 6, 8, and 10-in. pipe. This is the first order of the $600,000 order for water pipe which is to be placed as rapidly as orders can be prepared. The pipe is to be kept in stock in the future and will be distributed from the water front where the city yards are to be moved.

CARSON CITY, Nevada.—Reynolds-Ely Const. Co., Springville, Utah., at $235,160 submits low bid to State Highway Comm. to grade, const. culverts and gravel surface, bet. Deeth and Wells. Bids rejected due to irregularities. J. T. Logan, Grants Pass, Ore., only other bidder at $263,297.08, this bid rejected as being too high.

Bids for this work have been ordered re-advertised, to be opened June 27, as two separate units, 9.16 mi. and 10:30 mi. as follows:

9.16 mi. east of Deeth to Wells, Sec. D, Rt. 1, involv. 59,730 cu. yds. excav. unclass.; 754 yd. stad overhaul; 10.27 mi. prepare subgrade and shoulders; 16,450 cu. yds. loading and screening gravel; 77,282 yd. mi. haul and 16,450 cu. yd. spreading gravel; 155 cu. yds. "A" and 78 cu. yds. class "B" conc.; 196 lin. ft. 15-in., 944 lin. ft. 18-in. and 310 lin. ft. 24-in. corru. metal pipe; 166 lin. ft. 24-in. corru. metal siphon, in place; 2784 lin. ft. wooden guard rail; 50 monuments; 1 sign post.

From Deeth to 9.16 mi. east, Rt. 1, Sec. D, 9.16 mi., involv. 43770 cu. yds. excav. unclass.; 9.10 mi. prepare subgrade and shoulders; 14600 cu. yds. loading and screening gravel; 77818 yd. mi. haul and 14600 cu. yds. spreading gravel; 285 cu. yds. "A" and 112 cu. yds. class "B" conc.; 392 lin. ft. 15 in., 850 lin. ft. 18-in. and 410 lin. ft. 24-in. corru. metal pipe; 286 lin. ft. 24-in. corru. metal siphon, 46 monuments; 2 sign posts.

Spec. obtainable from State Highway Eng. Geo. W. Borden on deposit of $15, returnable, and are on file in Division Offices at Reno, Las Vegas and Elko, Nevada and U. S. Bur. of Pub. Rds., Mills Bldg., San Francisco.

PITTSBURG, Contra Costa Co., Cal.—Hutchinson Co., 1706 Broadway, Oakland, at 1662 awarded cont. by city trustees to pave East 4th St., bet. Railroad and Cumberland. F. A. Mero, Richmond, bid $1822.

SANTA PAULA, Cal.—Date for receiving bids for work on various city streets has been postponed. The date for hearing protests has been set for June 20, and date for receiving bids will be about July 2.

SANTA BARBARA, Cal. — Until 5 p. m., June 21, bids will be rec. by council to imp. 4th St., bet. Hollister Ave. and Chapala St., grade and pave with 1½-in. asph. conc. surface on 5-in. cem. conc. base; reconst. comb. conc. curb and gutters; cross gutters and curb returns; reinf. conc. pipe drains; rubble walls; 6-in. vit. pipe main san. sewer; 1911 Act. S. B. Taggart, city clerk.

SAN FRANCISCO—City Eng. M. M. O'Shaughnessy completes spec. to imp. Havens St., from Leavenworth Street westerly, involv. the construction of rein. conc. retaining and support walls, includ. stairways, landings, copings & pipe railings. Est. cost $2500.

LOS ANGELES, Cal. — Ducey and Breitenstein, 151 S Hill Ave., Pasadena Ave., awarded contr. by supervisors at $21,600 to grade and oil Allen and Crescent Drives, and const. curb and gutter, under R. D. I. No. 216.

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LOS ANGELES, Cal.—Until 11 a. m., June 2 bids will be rec. by supervisors to imp Los Angeles St., bet. Maine Ave. and Azusa Canyon Rd., R. D. I No. 256, 5277 ft or .999 mi., involv. 5103 cu. yds. excav. 12.444 sq. yds. shaping roadway, 3955 sq yds. 2-in. asph. concr. top 7486 sq. yds. 2¼-in. asph. conc. top. 1958 sq. yds. 4-in. asph. conc. base; 8886 sq yds. 4¼-in. asph. conc. base; 25 sq. ft. conc. gutter; 12.444 sq. yds. fl... coat Est. contr. price, $28,777.25. Aver haul from Baldwin Park, 5 mi.

WATSONVILLE, Santa Cruz Co., Cal.—Granite Construction Co., Watsonville, awarded cont. by city bd. of aldermen to imp. portions of Ford St.: grade, 2¾c sq. ft. macadamizing, 14c sq. ft; oil, 2½c sq. ft.; conc. gutters, 25c sq ft.; conc. curb, 74c lin. ft.

TRACY, San Joaquin Co., Cal.—City Eng W. D Harrington preparing spec. for sewer, water and permanent street improvements in Bolita Park, a new sub-division.

SANTA ANA, Cal.—Until 7:30 p. m., June 27, bids will be rec. by trustees to imp Buffalo Ave. bet. W Main St. and Broadway, involv. 18.464 sq. ft. grade and pave with 6-in. conc. and belt finish wearing surface; 108 ft. trenching and laying 4-in. hse. sewers; 1915 bond imp. act.

LOS ANGELES, Cal.—Geo R. Curtis, 2310 E 26th St., awarded contr. by supervisors at $145,963 to pave Alameda St in Rd. Dist. No. 4, bet. s city limits of Compton and n city limits of Wilmington, 5.77 mi. of 8-in. conc. pavement The bid of Southwest Paving Co. was apparently low but was based on a special freight rate which the county expected to obtain Curtis having figured the commercial freight rate, was allowed the difference amounting to 25c ton, on a total of 41,065 tons material of $10,266.25, which made his bid $16.21 less than the bid of the Southwest paving Co.

SACRAMENTO, Cal.—City Council, H. G Denton, Clerk, declares inten. to imp. Freeport Blvd. from pt. 182.4 ft. n of intersection of Freeport Blvd. and W... r. r track to Sutterville rd and portion of 4th Ave: Const. conc. curb and gutter; c. i. gutter drains with 6-in vit manhole connections; const. ...fl manholes and reconst existing ..., const. vit sewer; grade; pave with 1½-in asph. conc 1911 Act and Bond Act 1915. Protests June 21. Albert Givan, City Eng.

SACRAMENTO, Cal.—Until June 27 5 P M will be rec by has. C Hughes Secty, Board of Education Rm 3.0 City Hall to const 12 ... ft. walks at new high school and ... college 34th and W Sts Cert. check 10% payable to Board of Education req Spec. obtainable from Sect'y.

CARSON CITY, Nevada—Wm Hoops ..., Idaho, at $72,750.10 submits low bid to State Highway Comm. to const 11.76 mi. in Elko county, bet ...k and Deeth, Sec C, involv 17,000 cu yds excav., unclass.; 11.75 m prepared sub-grade and shoulders; 15,700 cu yds. loading and screening gravel ... hauling gravel 15,700 ... spreading gravel, 230 cu. yds. Class A and 65 cu. yds. Class B concrete 630 lin. ft 15-in; 730 lin. ft. ... and 201 lin. ft. 24-in. corru metal pipe, complete in place; 848 lin. ft. ... guard rail. complete in place; ... monuments in place. Other bids were Kraft & Bundy, Ogden, Utah, $76,... Strange & Vallandingham, Salt Lake City, Utah, $76,506.80; Gray & Murdock Salt Lake City, Utah, $76,...6, Reynolds Ely Const Co., Springville, Utah, $80,905, Palfreyman & Clyde ...ville Utah, $82,957.30; Strahan, ...op & Brooks, Sacramento, Calif., $... Teslau Bros, Berkeley, Cal., ... Kop Hodgman, Klamath Falls, Ore. $87,229, Alston & Hoggan, Salt Lake City Utah, $95,762. Taken under ...nt until June 15, 1923.

SAN RAFAEL, Marin Co., Cal.—City Eng... instructed to prepare plans to imp. ... St., bet Mary and Irwin ... Grand Ave., bet 2nd and 3rd and ... bet Grand and Irwin Sts; will ... drains, sewers and pavement.

YREKA, Siskiyou Co., Cal.—Until July 2, 10 A. M., bids will be rec by W. J. Neilson, County Clerk, to const. Forest Mountain Rd. No. 169 from point on summit of Forest House Mountain and extending to foot of said mountain near Forest House in Butte Rd. Dist. Cert. check 10% req. Spec obtainable from County Surv. Albert F. Parrott.

LOS ANGELES, Cal.—Supervisors declare inten. to imp. Manchester Ave. from Alameda St. west to Wall St, 12,042 ft. or 2.28 mi. under County Imp. No. 14, involv. 12,289 cu. yds. excav., including shaping of roadway; 43.596 sq yds. concr. paving; 31 ft. curb; 157 sq. ft. walk; concr. culvert complete at South Park Ave. Est. contr. price, $108,018.95. Aver. haul, 1.15 mi. from Latin Siding on P. E. Ry.

SAN RAFAEL, Marin Co., Cal.—S. P Brownlee, San Rafael, at $25.597 awarded cont. by supervisors to imp. county road from Manzanita to Bolinas.

SAN RAFAEL, Marin Co., Cal.—Supervisors order bids rec. to imp. portions of San Rafael and Olema road.

SANTA ANA, Cal.—City Council adopts resolution ordering paving of Fairview Ave., bet. Main and Flower Sts., with 6-in. asph.; and Buffalo Ave., bet. Main and Broadway, with 5-in. concr. W. G. Knox, City Engr.

CARSON CITY, Nevada—Until June 27, 1:30 p. m., bids will be rec. by State Highway Commission, Geo. W. Borden, state highway eng., to grade and const. culverts and place gravel surface bet. Deeth and 9-mi. East.

Separate bids, same date, to grade, const. culverts and place gravel surface bet 9-mi. east and Deeth and Wells. **See call for bids under official proposal section in this issue.**

OAKLAND, Cal. — Bates & Borland, Bank of Savings Bldg, Oakland, awarded cont. by council to imp. portions of Peralta Ave.: grade, $.05 sq. ft.; conc. curb, $.70 lin ft.; conc. gutter, $.24 sq. ft.; oil macadam pave, $.11 sq. ft.; cem. walks, $.17 sq. ft.; 8-in. pipe sewer, $1 40 lin. ft.; 14-in. pipe conduit, $1.75 lin ft.! 16-in. pipe conduit, $2 lin. ft; 18-in pipe conduit, $2.25 lin. ft.; storm water inlets, $20 each; manhole with inlet top. $60 each; lampholes, $25 each; wye branches, $1 each.

Bates and Borland awarded cont. to imp portions of Bayo St., Vale and ...deline Aves: excavation, $1.15 ...d conc curb, $.70 lin. ft.; conc. gutter $.24 sq. ft; oil macadam pave $.11 sq ft; cem walk, $.17 sq. ft; 8x24-in corru iron and conc. culvert, $4.80 ..., 2x2-ft conc culvert, $5 lin. ft; ...-in pipe conduit $2.25; manhole with inlet top, $60 each; c i inlets, $30 each; handhole, $15 ea; conc. end wall, $1 cu. ft.

OAKLAND, Cal.—Until June 21, 12 m. bids will be rec by E K Sturgis, city clerk to imp Hilton St., bet 55th and ...th Aves grade, pave with oil macadam; const. conc. curbs, gutters and walks.

Separate bids, same date, to imp portions of E St.; grade; const. conc. curbs, gutters and walks; pave with oil macadam. 1911 Act Cert check 10% payable to city req. W. W. Harmon, city engineer.

SANTA MONICA, Cal.—Kneen Paving Co., Dudley Block, Santa Monica, submitted low bid to council, June 5, at $17,616 to imp. alley through block K, The Palisades, bet. San Vicente Blvd. and Georgina Ave.: Grade and pave with 1½-in. Warrenite-Bitul. surface on 2½-in. asph concr. base; const. 6-in. vit. pipe hse sewers; manholes and flush tank. Geo. R. Curtis bid $18,371 and Warren Constr. Co., $18,493.

Kneen Paving Co. low bidder at $7,176 to grade and pave Hill St., bet 8th and 11th Sts., with oil and rock pavement; const. 5-ft. cem. walks; 12-in. vit. pipe storm drain.

COMPTON, Cal.—City trustees declare inten. to imp. Myrrh St., bet. Oleander and Acacia Sts., etc.; grade and pave with 5-in. cem. conc.; const. class B curb; 6-ft. walks; 1911 act. Maude Hecock, city clerk.

OAKLAND, Cal.—Until June 21, 12 M., bids will be rec. by E. K. Sturgis, city clerk, to const. 6-in. vit. sewer in portions of Harrington St.; 4 br. manholes; 2 vit. pipe lampholes; vit. pipe wye branches with 6-in. opening. 1911 Act. Cert. check 10% payable to city req. W. W. Harmon, city eng.

OAKLAND, Cal.—Hutchinson Co., 1706 Broadway, Oakland, awarded cont. by council to imp. 24th St., bet Magnolia and Adeline Sts: Grade, $.05 sq. ft.; conc. curb, $.75 lin. ft.; conc. gutter, $.25 sq. ft.; oil macadam pave, $.1125; cem walks, $.17 sq. ft.

Hutchinson Co., awarded cont. to imp. portions of 80th Ave.: Grade, $.05 sq. ft.; conc. curb, $.75 lin. ft.; conc. gutter, $.28 sq. ft.; oil macodam pave, $.12 sq. ft.; cem. walks, $.17 sq. ft.; 8x24-in. corru. iron and conc. culvert, $5.17 lin ft.; handholes, $15 ea.

OAKLAND, Cal.—Salvatore De Guarda, Oakland, awarded cont by council to imp. McClelland St. bet. Courtland Ave., and Daisy St.: Grade, $.055 sq. ft.; conc. curb, $.72 lin. ft.; conc. gutter, $.26 sq. ft.; oil macadam pave, $.11 sq. ft.; cem. walks, $.175 sq. ft.; 8x24-in. corru. iron and conc. culvert, $5 lin. ft.; wood culvert, $1.50 lin. ft.; handholes, $10 each.

SAN JOSE, Santa Clara Co., Cal.—City council, J. J. Lynch, clerk, declares inten. to imp. 8th St., bet. Santa Clara and Juliah: grade; pave with 1½ in. Durite asph. conc. surface on 3-in. Durite asph. conc. base; hyd. conc. curb and gutter. 1911 Act & Bond Act 1915. Protests June 25. Wm. Popp, city engineer.

SAN JOSE, Santa Clara Co., Cal.—City council, J. J. Lynch, clerk, declares inten. to imp. 11th St., from north line of Reed to south line of Reed St.: grade; pave with 1½-in. Warrenite-Bit. surface on 3-in. bituminuus cem. conc. base; hyd. conc. curb and gutter; 2 br. catchbasins; 8-in. vit. pipe drains. 1911 Act & Bond Act 1915. Protests June 25. Wm. Popp, city eng.

SACRAMENTO, Cal. — City council, H. G. Denton, clerk, declares inten. to imp. portions of 35th, 34th and N Sts., and 2 rights of way: const. conc. curb and gutter; c. i. gutter drains with 6-in. vit manhole connections; const. conc. manholes; 8-in. vit. sewer with 4-in. wyes; extend branches to prop. lines; const. conc. walks; install 1-in. water main connections; grade; pave with 4-in. asph conc. with seal coat.

Inten. declared to imp. space bet. n. curb line and n. property line in U St. fronting e half lot 6, block bounded by T, U, 30th and 31st sts., grade and const. conc. walks. 1911 Act. Protests June 28. Albert Givan, city eng.

MADERA, Madera Co., Cal.—Thompson Bros., G and Divisadero Sts., at $38,143.69 awarded cont. by council to imp. West Yosemite Ave., involv. 114,644 sq. ft. grading; 107,899 sq ft. 2½-in. bituminous base with 1½-in. Bithulithic surface; 5072 sq. ft. conc. gutter; 2003.5 lin. ft. conc. curb; 634 lin ft. culvert; 80 lin. ft. full circle 8-in. corru. pipe; 2 manholes. T. A. Hanrahan, Fresno, bid $38,524 46.

Thompson Bros. at $35,223, also awarded cont. to imp. 6th and B Sts., involv. 107,136 sq. ft. grading; 99,391 sq. ft. 1½-in. Bithulithic surface on 2½-in bituminous base pavement' 6766 sq. ft 6-in. thick conc. gutter; 899 lin. ft. conc. curb; 600 lin. ft. corru. iron arch 27-in. culvert set on conc.; 42 lin. ft. full circle 8-in. corru. pipe; 2 catchbasins; 2 drain gates; 2 headwalls for drain pipe. T. A. Hanrahan bid $35,611.79.

BERKELEY, Alameda Co., Cal. — Until June 26, 10 a. m., bids will be rec. by E. M. Hann, city clerk, to imp. portions of Hearst Ave., etc., by regrading; const. comb. conc. curbs and gutters; pave with 5-in. hyd. conc. base with 2-in. asph. surface; conc. catchbasins; 12-in vit. sewer and corru. iron culverts. 1911 Act and Bond Act 1915. Cert check 10% payable to city req. C. L. Huggins, city eng.

MONTEREY, Monterey Co., Cal. — Property owners petition council to pave with hyd. conc. Pearl St., bet. Abrego and Figueroa Sts. H. D. Severance, city eng.

MARTINEZ, Contra Costa Co., Cal.—Mt View Sanitary District was organized at recent election for the purpose of constructing a sanitary sewer system, preliminary plans for which have been made by R. R. Arnold, County Surv. Officers of the district are: J. V. Allen, James M. Ekiss, Nebille V. Sanford, Fred E. Waldon and Walter F. Williams.

OAKLAND, Cal.—City council, E. K. Sturgis, clerk, declares inten. to imp. Russett St., from Jones Ave. n.w. by grading; const. conc. curbs and gutters; cem. walks; oil macadam pavement; 2x6-in. r.w. header boards; rein. conc. culvert, 41-in. high, 3 ft. wide, with 2 conc. end walls; c. i. inlet. 1911 Act. Protests July 5. W. W. Harmon, city eng.

EUREKA, Humboldt Co., Cal.—County Surv. A. J. Logan preparing plans for road around Kendall gulch in the Mattole district.

SAN CARLOS, San Mateo Co., Cal.—Election recently held to organize sanitary district carried. Roads will be voted to finance construction planned by the district whose members are: Robert Johnston, Dr. J. G. Null, William Scott, Geo. Sesnon and M. Updike.

STOCKTON, San Joaquin Co., Cal.—Until July 3, 10:30 a. m., bids will be rec. by A. L. Banks, city clerk, to imp. Worth St. from East St. to pt. 200 ft. east of Eugenia; Milton St., bet. East St. and pt. 50 ft. east of Eugenia; grade; const. comb. conc. curbs and gutters; conc. walks. 1911 Act. Cert. check 10% payable to city req. W. B. Hogan, city eng.

DINUBA, Tulare Co., Cal.—City trustees, C. T. Reagan, clerk, declare inten. to imp. Alta Ave., from El Monte north to pt. 500 ft.; grade; pave with Warrenite-Bit. surface on hyd. conc. base of various widths and thicknesses. 1911 Act & Bond Act 1915. Protests June 29.

RENO, Nevada — City council contemplates calling election to vote bonds to finance extensions to sewer system. Harry Chism, city engineer.

BURLINGAME, San Mateo Co., Cal.—Until June 18, 5 p. m., bids will be rec. by J. R. Murphy, city clerk, to const. 8-in. vit. sewer with appurtenances. Plans on file in office of clerk. C. A. Torello, city eng.

REDWOOD CITY, San Mateo Co., Cal.—Supervisors appropriate $42,500 to finance regrading, surfacing and repairing of Pescadero-Santa Cruz road bet. Pescadero and Pigeon Point, 5th township. Geo. A. Kneese, county surv.

SACRAMENTO, Cal.—Clark and Henery Const. Co., Ochsner Bldg., Sacramento, awarded cont. by council to imp La Solidad Way, bet. 4th Ave. and manhole in 5th Ave.; const. conc. curb and gutter; c. i. gutter drains with 6-in. vit. manhole connections; reset c. i. gutter drains; const. conc. manholes; 8-in. vit. sewers with 4 and 6-in. wye branches; extend sewer services to property line; 1-in. water main connections; grade; pave with 4-in. asph. conc.

OAKLAND, Cal. — Hutchinson Co., Hutchinson Bldg., Oakland, awarded contract by council to imp. portions of 93rd, 94th, 95th and 96th Aves., and A St.; by const. conc. curbs, $1 lin. ft.; and conc. gutters, $.30 sq. ft.

Hutchinson Co. awarded cont. to imp. portions of 24th Ave.: grade, $.05 sq. ft.; conc. curb, $.97 lin. ft.; conc gutter $.30; oil macadam pave $.20; cem. walks $.16.

LOS ANGELES, Cal.—Bids to pave Badger Ave. and Dock St., L. A. Harbor rejected by harbor Comm. The work will not be readvertised for 6 to 8 months in order to give the ground a chance to settle.

SOUTH PASADENA, Cal.—Until 5 P. M., June 25, new bids will be rec. by city trustees to imp. Oak Hill Ave., involv. 1540 cu. yds excav.; 18,000 sq. ft. 2-in. rock and oil paving; 2500 sq. ft. cem. gutter; 950 lin. ft. curb; 1911 Act. Nettie A. Hewitt, City Clerk. No bids were rec. for this work June 11. Bids will also be rec. at the same time for paving Edison Way, approx. 6000 sq. ft. 1911 Act.

INGLEWOOD, Cal.—Until 8 P. M., June 25, bids will be rec by city trustees to imp.:

Stepney St., involv. 97,173 sq. ft. grading and preparing subgrade; 74,323 sq. ft. 5-in. macad. pavement; 4900 sq. ft. cem walk; 1142 ft. cem. curb.

Damask Ave., involv. 30,817 sq. ft. grading and preparing subgrade; 18,950 sq. ft. 5-in. macad. pavement; 4073 sq. ft cem. walk; 1006 ft. cem. curb. A. W. Cory, City Engr

INGLEWOOD, Cal.—W. H. Goff, 745 Lyon St., Los Angeles, awarded contract by city trustees to imp. sts. as follows:

Buckthorn St., $43,124.96, involv. 286,239 sq. ft. grade and prepare subgrade, $1.45 lin. ft.; 168,340 sq. ft. 5-in. oil macadam pave, $.149 ft.; 33,591 sq. ft. walks, $.20 ft.; 8535 ft. curb, $.60 ft.

Inglewood Ave., $6514.46, involv. 39,561 sq. ft. grade and prepare subgrade, 2.5c sq. ft.; 25,997 sq. ft. 6-in. oil macadam pave, 15.5c ft.; 4358 sq. ft. walks 20c ft.; 903 ft. curb, 60c ft.; 26 ft. vit. pipe culvert, $.75.

Fir Ave., $12,712.71, involv. 79,879 sq. ft. grade and prepare subgrade, $1.35 lin. ft.; 48,387 sq. ft. 5-in. macadam pave, 14.9c ft.; 10,599 sq. ft. walks, 20c ft.; 2644 ft. curb, 60c ft.

Hawthorne St. $11,707.19, involv. 108,440 sq. ft. grade and prepare subgrade, $1.68 lin. ft.; 66,855 sq. ft. class oiled surfacing, 5c ft.; 14,236 sq. ft. walks, 20c ft.; 3535 ft. curb, 60c ft.; 3 corru. metal pipe culverts, $300.

LOS ANGELES, Cal.—Until 11 a. m., July 2, bids will be received by county supervisors to imp.:

Los Angeles St., bet. Maine Ave. and Azusa Canyon Rd., R. D. I. No. 256, 5275 ft. or .999 mi., involving 5103 cu. yds. excav.; 12,444 sq. yds. shaping roadway; 3958 sq. yds. 2-in. asph. conc. top; 8486 sq. yds. 2½-in. asph. conc. top; 3958 sq. yds. 4½-in. asph. conc. base; 270 sq. ft. conc. gutter; 12,444 sq. yds. flush coat. Est. contr. price, $28,777.25. Average haul from Baldwin Park, 5 miles.

Florence Ave., from Wright Rd. east to Compton Jabonería Rd., under R. D. I. No. 237, involving 7717 cu. yds. excav. 17,730 sq. yds. shaping roadway; 17,730 sq. ft. conc. pavement. Est. contr. price, $50,283.30. Average haul from Cudahy on S. P. R.R., 2 mi.

EVERETT, Wash.—E. J. Templeton, Everett, at $64,876 submits low bid to Snohomish county commissioners to pave with 26,850 sq. yds. conc., the Everett-Mukilteo road. Will be awarded contract.

LOS ANGELES, Cal.—Until 10 a. m., June 25, bids will be rec. by Bd. Pub. Wks. to imp. under Vrooman Act:

Alley w. of Alvarado St., bet. Kent and Kane Sts., involv. 2758 sq. ft. 5-in. c. nc. paving; 14 ft. curb.

59th Pl. bet. Brynhurst Ave. and 299.76 ft. west, involv. 1836 ft. light curb; 9411 sq. ft. cem. walk; 1489 yds. excavation.

Alley s. of 9th St., bet. Blaine and Albany Sts., involv. 17,214 sq. ft. 5-in. conc paving.

Normandie Ave., bet. 54th St. and Florence Ave., involv. 276,562 sq. ft. 6-in. conc. paving; 150 sq. ft. oiling and rolling; 5503 ft. curb; 26,076 sq. ft. walk; 2939 ft. hse. sewers; 6 chimney pipes.

SAN BERNARDINO, Cal.—Until 11 a. m., June 18, bids will be rec. by supervisors to imp San Antonio Ave., bet. Ely and Walnut Sts., near Ontario, by grading and pave 24-ft. wide; const. conc curbs and earth berm or embankment on both sides of the roadway, under R. D. I. No. 23. Work involves 2000 cu. yds. earth excav.; 5290 ft. 18-in. curb; 66,740 sq. ft. 4-in. concrete pavement of 1:2:4 mix. Edgar T. Ham, county surveyor.

ANAHEIM, Cal.—Until 8 P. M., July 12, bids will be rec. by city trustees for const. joint outfall sewer. Blds are to be received separately on each of the 3 sections. Sec. 2 will consist of 12 278.36 ft. of 27-in. pipe and 17,300 ft. of 30-in. pipe, with manholes and about 1000 ft. pile trestle. Sec. 3 will consist of 5062.85 ft. of 24-in. pipe and 13,201.37 ft. of 27-in pipe, with manholes. Sec 4 will consist of 9249.36 ft. of 24-in. pipe, with manholes. Alternate bids are to be received for Segment blk., vit. and conc. pipe. This is the joint outfall sewer work in which the cities of Anaheim, Fullerton and Orange are interested, and will connect up with Sec. 1 of the joint outfall sewer, which is now under construction.

OROVILLE, Butte Co., Cal.—City Eng. S. J. Norris instructed to prepare plans to pave:

Huntoon St., from High to Grace St.

Lincoln St., from Robinson to Second St. and Montgomery St. to Broderick St.

Oak St. from Montgomery St. to High St.

Pine St., from Safford to Osage St

First Ave. from Montgomery to Robinson St.

Second Ave., from Montgomery to High St.

Railroad Ave., from Huntoon to Meyers St.

OROVILLE, Butte Co., Cal.—C. F. Belding, County Clerk, instructed to advertise for bids to imp Gridley Colony bonded road. Harry H. Hume, County Surv.

OAKLAND, Cal.—City Council, E. K. Sturgis, Clerk, declares inten. to imp. Main St., bet. Laurel and 35th Aves. and certain rights of way adjacent to Maine St: Grade; conc. curb and gutter; cem. walks; oil macadam pavement; 6 ft. high, 7 ft. wide conc. culvert; conc. intake; 2 conc. inlets; conc. curtain wall; 8-in. vit. sewers with lampholes and wyes. 1911 Act. Protests June 28. W. W. Harmon, City Eng.

CALIFORNIA—Bids will be asked shortly by State Highway Commission for the 17-mi. unimproved link on the Merced to El Portal lateral, between Briceburg and El Portal, to cost approximately $650,000. R. M. Morton, State Highway Eng.

ALAMEDA, Alameda Co., Cal.—Until June 19, 5 P. M., bids will be rec. by C. J. DuFour, Sect'y., Board of Education, City Hall, Santa Clara and Oaks Sts., to resurface Haight school yard including grading and surfacing with 1-in. rock screenings coated with spread of Calol, or eq. Spec. and further information obtainable from Sect'y.

MARYSVILLE, Yuba Co., Cal.—Until July 3, 10 A. M., bids will be rec. by W. M. Strief, County Clerk, to const. Bullards Bar road. Cert. check 10% req. with each bid. Plans obtainable from County Surv. J. R. Meek.

LOS ANGELES, Cal.—W. D. McCray, American Bank Bldg., Los Angeles, at $42,348.50 (Eng. est. $44,475.50) awarded cont. by State Highway Comm. to pave with Port. cem. conc. 1.0 mi. of highway in Los Angeles bet. Fish Cankon rd. and Azusa. Involv. 17,700 cu. yds. embankment without classification; 2800 cu. yds. class A Port. cem. conc. (pavement); 5 cu. yds. class A Port. cem. conc. (culverts and monuments); 84 lin. ft. 18-in. and 42 lin. ft. 24-in. rein. conc. pipe; 16 monuments.

LOS ANGELES, Cal.—W. D. McCray, 416 American Bank Bldg., submitted low bid to board of public work at $34,400 to const. conc. road at Hyperion, bet. the Coast Blvd. and the sewage treatment plant. Other bids were: R. A. Garnett, $39,350; Stine & Ellis, $39,850.

EUREKA, Humboldt Co., Cal.—Until July 9, bids will be rec. by Fred M. Kay, county clerk, for one mi. road grading at Kendall Gulch, near Upper Mattole. A. J. Logan, county surv.

KINGSBURG, Fresno Co., Cal.—City trustees approve spec. to const. walks, curbs and gutters in 14 blocks. This work is in addition to that already contracted.

EUREKA, Humboldt Co., Cal—Ernest Linser, Briceland, Calif., at $22,000 awarded contract by supervisors to const. 6½ mi. of wagon road down Redwood Creek from Briceland to State Highway, opposite mouth of Redwood Creek, in Rd. Dist. 2, includ. const. of 4 wooden truss bridges over Redwood Creek.

LONG BEACH, Cal.—California Construction Co., 58 2nd St., San Francisco, awarded contr. by council at $556,112.17 for conc. paving and const. of storm & san. sewer systems, etc. in Belmont Shore Dist. Other bids were: Jahn and Bressi, $567,746.34; T. A. Hanrahan, $578,195.07; M. M. Budincich, $580,921.22 Twohy Bros., $583,504.46; George Kemper, $595,457.75.

ALAMEDA, Alameda Co., Cal.—City council, W. E. Varcoe, clerk, declares inten. to imp. crossing of Bay Island Ave. and Park Ave. and crossing of Bay Island Ave. and Regent St.: grade; const. conc. curbs, gutters and walks; corru. iron culverts and pave with oil macadam. 1911 Act. Protests July 3. Burnett Hamilton, city eng.

SANTA MONICA, Cal.—Council declares inten. to imp. 21st St., bet. Wilshire Blvd. and Washigton Ave., grade and pave with oil and rock; const. class B curbs, walks; junction chamber and flushing manholes; 1911 Act. John A. Morton, city engr.

OROVILLE, Butte Co., Cal.—City trustees contemplate paving Huntoon St., from High to Grace and connection with Meyers St.; Pine St. from Montgomery to Pomona Ave; Oak St. from Montgomery to High. S. J. Norrns, City Eng.

EL CERRITO, Contra Costa Co., Cal.—W. S. Farley has resigned as city engineer.

RICHMOND, Contra Costa Co., Cal.—City Eng. H. D. Chapman preparing spec. to imp. portions of Standard Ave. by const. curbs, gutters and walks and paving portion with 6-in. conc. Plans have been completed to imp. 34 25 36 37 and 38th Sts., bet. Wall and Cutting Blvd. A. C. Faris, city clerk.

TUCSON, Ariz.—George B. Singleton Constr. Co., Tucson, awarded contr. by council at $42,044 to imp. streets under res. of inten. No. 767, in.volv. 49,000 cu. yds. grading and excav. at 82c yd.; 20,000 cu. yds. overhaul at 5c yd. per 100 ft. over 500 ft.; 72 monuments at $12 each.

FRESNO, Fresno Co., Cal.—Following road improvements will be provided in the 1923-24 budget, now being considered by the county supervisors, the following to be constructed of 5-in. asph. concrete: Sanger-Academy highway, est. cost $30,000; Fowler-Laton highway, $110,000; Alta Ave., north of Tulare county line, $40,000; Reed Ave., south of Reedley, $15,000. The following will be paved with 4-in. asph. conc. Tranquility road, $100,000; Upper End Blackstone Ave., $70,000; Raisin City road, $100,000. Trimmer Springs road will be paved with macadam, approx. 10-mi. long, and Lower end of Tollhouse road, macad pavement, approx. 10-mi. long. Chris P. Jensen, Cory Bldg. Fresno, county surv.

SANTA MONICA, Cal—Southern Construction Co., 511 Kerckhoff Bldg., Los Angeles, submitted low bid to council and will be awarded contr. at $33,224.05 for imp. Kensington Rd., bet. 8th and Beverly Ave., 7th St., bet. Kensington Rd. and Central Ave., etc., involv. 157,541 sq. ft. grading at 6.9c sq. ft.; 109,467 sq. ft. oil and rock pavement at 6.4c ft.; 33,283 sq. ft. walk at 21c ft.; 2200 ft. A curb at 65c ft.; 3688 ft. B curb at 55c ft., 2883 ft. 6-in. pipe sewer, $4850 complete; 20 ft. hse sewers at $2 ft.; bringing manholes to grade at $5 each. Other bids were: Wm. Schlah, $33,674.03 Geo. J. Bock, $34,067.05; W. D. McCray, $34,686.95; Kneen Paving Co., $35,348.13

ALHAMBRA, Cal.—A. O. Nelson, 2495 Blanche St., Lamanda Park, awarded contr. by city comm. at $12,500 to imp. Sierra Vista, Almansor Sts., Glendon Way and Norwood Pl., grade, oil and const. walk, curb, and gutter. R. A. Gibbs, Alhambra, bid $12,722.60.

NAPA, Napa Co., Cal.—J. L. Alexander, Napa, at $2475 awarded cont. by council to imp. G St. bet. Seminary and Brown and Edmonston St., bet. Pearl and Clinton; grade; const. conc. curbs; pave with 2-course asph. macadam, 40 ft. wide; catchbasins. Ray Errington, Napa, bid $2811.60.

COMPTON, Cal.—Until 8 p. m., June 19, bids will be rec. by city trustees to pave under 1911 Act and 1915 Bond imp act, following streets:

Acacia St., Olive, Raymond, Cocoa Sts., involv. 16,160 sq. ft. walks; 3440 ft. curb; 1570 ft. 8-in. vit. sewer; 890 ft. 6-in. hse. sewers; 3 flush tanks; 1 manhole; 261,500 sq. ft. 5-in. conc. paving; 350 ft. corru. iron culvert.

Myrrh St., involv. 4950 sq. ft. walks; 990 ft. curb; 490 ft. 8-in. sewer; 400 ft. 6-in. sewer; 1 flush tank; 96,340 sq. ft. 5-in. conc. paving; 350 ft. corru. iron culvert.

Wilmington St., involv. 240 ft. 6-in. hse. sewers; 71,700 sq. ft. 5-in. conc. paving.

E. M. Lynch, Central Bldg., Los Angeles, const. eng.

BERKELEY, Alameda Co., Cal.—Oakland Paving Co., Bank of Savings Bldg., Oakland, at $17,385 awarded conc. by council to imp. Telegraph Ave., bet. Dwight Way to Allston Way and Bancroft Way from Dana to pt. 277.23 ft. easb of Telegraph Ave., by widening, setting curb back 2 ft.; const. double strength vit. ironstone sewers; br. manhole; catchbasins with 12-in. vit. sewer connections; remove culvert const. armored conc. curbs and gutters in portions.

HANFORD, Kings Co., Cal.—California Const. Co., 58 Second St., San Francisco, at $74,703, awarded cont. by council to imp. 5th, Irwin, Phillips and portions of other streets: Grade; pave with 4-in. bituminous base with 1½-in. Warrenite-Bit. surface; cem. curbs and gutters; rein. conc. and iron catchbasins; 12-in. full circle No. 14 gauge corru. iron pipe story sewers; corru. iron and conc. culverts. Thompson Bros., Fresno, bid $79,500.

GLENDALE, Cal.—Until 7 p. m., June 21, bids will be rec. by council to imp. under Vrooman Act following streets:

Wing St., Maple St. and Windsor Rd., involv. 1965 lin. ft. grading; 3965 lin. ft. curb; 74,083 sq. ft. 3-in. macad.; 19,753 sq. ft. sidewalks; 2015 lin. ft. (laying only) 4-in. water pipe.

Highland Ave., Kenneth Rd. and Glenview Rd., involv. 1792 lin. ft. grading; 3672 lin. ft. curb; 58,216 sq. ft. 5-in. macad.; 7486 sq. ft. gutter; 1054 lin. ft. (laying only) 4-in. water pipe.

Granada St., involv. 521 lin. ft. grading; 470 lin. ft. curb; 16,025 sq. ft. 3-in. macad; 3610 sq. ft. oiling roadway; 943 sq. ft. sidewalk; 348 lin. ft. (laying only) 6-in. water pipe.

Mariposa St. from Windsor to Acacia St., involv. 789 lin. ft. grading; 1548 lin. ft. curb; 29,056 sq. ft. 5-in. macad; 7812 sq. ft. sidewalk.

SALEM, Ore.—Until June 25, 2 P. M., bids will be rec. by State Highway Comm., meeting in Multnomah County Court House, Portland, Ore., for three projects, as follows:

Curry County—Hunters Creek-Hunters Head Sec. of Roosevelt Coast highway; 2 mi. grading and 6.3 mi. crushed gravel surface involv. approx. 45,000 cu. yds. excavation and 10,650 cu. yds. crushed gravel.

Malheur County—Vale-Ontario Sec. of John Day highway; 15.4 mi. grading and crushed gravel surfacing, involv. 117,000 cu. yds. excavation and 39,000 cu. yds. crushed gravel.

Wallowa County—Unit 2, Enterprise-Forest Boundary Sec. of Enterprise Glora highway; 6.1 mi. grading and broken stone surfacing involv. 55,000 cu. yds. excavation and 15,000 cu. yds. broken stone. Roy A. Klein, State Highway Eng.

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LOS ANGELES, Cal.—T. E. Shafer, 405 N. Rampart Blvd., submitted low bid to Bd. Pub. Wks. to imp. Mountain View Ave., bet. Court and First Sts., involv. grading at $2800 (lump sum); 200 sq. ft. conc. paving 32c ft.; 28,511 sq. ft. oil and roll 7c ft.; 2052 ft. curb 70c ft.; 10,161 sq. ft. walk 22c ft.; 6091 sq. ft. gutter 32c ft.; storm drain complete $300.

Joe Mullarkey, 8435 S Vermont Ave., low bidder to imp. 53rd St., bet. Main St. and Moneta Ave., involv. grading at $750 (lump sum); 25,851 sq. ft. 6-in. conc. paving 23c ft.; 267.4 ft. curb 70c ft.; 32 ft. hse. sewers $1.50 ft.

T. E. Shafer, 405 N Rampart Blvd., low bidders to imp. Kane St., bet. Rosemont Ave. and Waterloo St., involv. rough grading at $550 (lump sum); 8069 sq. ft. grading and oil 7c ft.; 600 ft. curb 70c ft.; 116 sq. ft. walk 22c ft.; 1207 sq. ft. gutter 32c ft.

C. W. Shafer, 222 W 33rd St., only bidder to imp. Twining St., bet. Pueblo Ave. and 251.50 ft. s.s. from Castalia Ave., involv. grading at $1000 (lump sum); 13,365 sq. ft. conc. paving 24c ft.; 9583 sq. ft. oiling and roll 7c ft.; 1905 ft. curb 70c ft.

SANTA PAULA, Cal.—Until 7:30 p. m., July 2, bids will be rec. by city trustees to imp. streets under the following resolutions:

No. 48, involv. 398,181 sq. ft. conc. paving; 2752 ft. 15-in. curb; 9623 sq. ft. walks.

No. 49, 752,934 sq. ft. asph. pavement; 82,760 sq. ft. conc. paving; 8320 ft. 15-in. curb; 128 ft. 24-in. curb; 21,562 sq. ft. walk; one 60 ft. 24-in. arch top culvert; one 80 ft. 24-in. arch top culvert. Plans may be obtained from City Engr. Harry E. Reddick, deposit of $5. Cedt. chk. or bond 10%. Work will cost approx. $208,569.30. Owing to changes in estimate, new resolutions were necessary and the date for this work, originally set for June 18, was changed to above date. Petitions are signed ready tu present to board of trustees for approx. 200,000 sq. ft. of pavement in addition to the above.

SANTA BARBARA, Cal.—Until 7:30 p. m., June 21, bids will be rec. by council to imp. Bath St., bet. Mission and 1st St., grade and pave with 1½-in. asph. conc. wearing surface on 4-in. cem. conc. base; const. comb. conc. curb and 3-ft. gutter return and conc. walk; 4-in. vit. pipe hse. sewers; 1911 Act. Geo. D. Morrison, city engr. S. B. Taggart, city clerk.

MARYSVILLE, Yuba Co., Cal. — No bids rec. by supervisors June 9 to grade Marysville-Smartsville stage road and Smartsville-Wheatland rd., and placing culverts, cutting drain ditches and grading county road from Walsh barn north and south on Smartsville-Wheatland rd.; and rd. from Sanford's Gate to Rose cottage and portion of road near Bushby Ranch on Marysville-Smartsville stage rd. Bids have been ordered re-advertised to be opened July 3, 10 a. m. Cert. check 10% req. with each bid. J. R. Meek, county surv.

PASADENA, Cal.—City Directors declare inten. to grade and oil: Magnolia Ave., bet. California and Maine Sts.; Summit Ave., bet. Penn St. and n. city limits; Ritzman St., bet. Fair Oaks Ave and Marengo Ave.; Mentor Ave., bet. Colorado and Villa Sts.; Mentor Ave., bet. Orange Grove Ave. and Washington St.

OAKLAND, Cal.—City council, E. K. Sturgis, clerk, declares inten. to const. drainage structures in Loma Vista Ave. and adjacent rights of way, bet. Wisconsin and California Sts.: consisting of conc. culvert, 2-ft. 6-in. high and 2-ft. 6-in. wide; 2 conc. inlets with c. l. tops; 2 conc. curtain walls. 1911 Act. Protests June 28. W. W. Harmon, city engineer.

SAN FRANCISCO—Board of Public Works completes spec. to imp. Jamestown Ave., bet. Third and Ingalls Ave., involv. 1854 cu. yds. cut; 709 cu. yds. fill; 3 br. catchbasins; 77 lin. ft. 10-in. ironstone pipe culvert; 2128 lin. ft. conc curb; 18,542 sq. ft. art. stone walks; 39,776 sq. ft. asph. conc. pavement and 5 rein. conc. stairways. Est. cost $20,000

SAN JOSE, Santa Clara Co., Cal.—San Jose Paving Co., San Carlos and Dupont Sts., San Jose, awarded cont. by council to imp. Hobson St., bet. 1st and Poplar Ave.; grade; pave with 1½-in. Warrenite-Bit. surface on 3-in. Bithulithic cem. bituminous base; construct curbs, gutters and walks; 2 hyd conc. storm water inlets; 8-in. vit. pipe drains.

SAN DIEGO, Cal.—Supervisors declare inten. to imp. portions of Adams Ave., Works Ave., 32nd St., and Mission Dr., grade and pave with 1½-in. asph. conc. on 5-in. conc. base, with 4-in. granite subbase; const. 30-in. conc. box culverts; curbs. Vrooman Act. J. B. McLees, county clerk.

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PLACER COUNTY, Calif.—Until July 9, 2 p. m., bids will be rec. by State Highway Comm., Forum Bldg., Sacramento, to surface with asphaltic seal coat, 7.5 mi. in Placer county bet. Auburn and north boundary. R. M. Morton state highway eng. **See call for bids under official proposal section in this issue.**

PORTERVILLE, Tulare Co., Cal.—City council, Geo. D. Avery, clerk, declares inten. to const. cem. conc. walks in portions of Olive street. 1911 Act. Protests July 5. Fred Pease, city eng.

WATSONVILLE, Santa Cruz Co., Cal.—City Board of Aldermen, M. M. Swisher, clerk, declare inten. to imp. portions of Brennan St., Palm Ave., Sudden, Rodriguez and Merchant Sts.: to be re-macadamized and oiled with asphaltic oil; const. conc. curbs and gutters. H. B. Kitchen, city eng.

OAKLAND, Cal. — Oakland Sewer Const. Co., 1003 85th Ave., Oakland, awarded cont by council to sewer portions of Brush and other Sts: 8-in. vit. sewer, $1.30 lin. ft.; 15-in. vit. $3.00; 18-in. vit. $3.50; 21-in. vit., $4; 24-in. vit. $4.45; 30-in. conc. sewer, $7 lin. ft.; br. manholes, $100 ea.; br. and concc. manholes, $100 ea.; vit. drop connections, $20 ea.; wye branch, $2 ea.; pipe slant, $1.35 ea.; deepen existing manholes, $25 ea.; remove existing sewer, $10 lin. ft.; remove manhole, $5.

VENICE, Cal.—City trustees declare inten. to imp. 7th Ave. bet. Rose Ave. and Broadway; grade and pave with 1½-in. Willite paving on 2½-in. asph. conc. base; const. curb, walk; 18-in. vit. storm drain; corru. iron culvert; 8-in. vit. san. sewer; 1911 Act.

Inten. declared to improve Washington Blvd., bet. Crestmoore Pl. and 80 ft. n. of Tr. 2921: Grade and pave with 1½-in. Willite on 2-in. asph. conc. base; 1911 Act. T. H. Hanna, city clk. J. B. Griffin, city mgr.

HERMOSA BEACH, Cal.—H. G. Ferand, Detwiler Bldg., Los Angeles, awarded contr. by city trustees at $13,008 to pave Ocean Dr. and other streets involv. 4-in. Willite pavement 30.9c sq. ft.; r.w. headers 30c ft.; curb 80c ft.; conc. gutters 35c ft. Braun-Bryant & Austin bid 31.5c paving, 33c headers, 83c curb, 34c gutters; total, $13,320.48. D. C. Nichols, San Fernando Bldg., Los Angeles, awarded cont. at $4259 to Pave Lyndon St., bet. Hermosa Ave. and Santa Fe Ry. right-of-way, involv. 5-in. conc. pavement with oil and screenings protective coat 27c sq. ft.; r.w. headers 24c ft. H. Wigman, Hermosa Beach bid 28.5c paving, 25c headers; total, $4489.97.

SAN DIEGO, Cal.—C. W. Cushing, 1501 Brooke Ave., San Diego, at $18,990 submits low bid to Bur. of Yards and Docks, Navy Department, Washington, D. C., to const 37,000 sq. ft. 6-in. conc. pavement; 2800 sq. ft. walks and 3300 ft. curb and misc. work at Marine base. H. H. Peterson bid $19,533.

TURLOCK, Stanislaus Co., Cal. — A. Teichert & Son, Ochsner Bldg., Sacramento, awarded cont. by city trustees to imp. portions of Orange St.: grade, $.035; 3-in. asph. conc. base with 1½-in Warrenite-Bit. surface pavement, $.206 conc. gutter, $.24; corru. iron culverts, $3.50 lin. ft.

EL CENTRO, Cal.—Until 7:30 p. m., June 20, bids will be rec. by city trustees to imp. E ½ of 9th St., bet. Main and State Sts.: grade and pave with asph. conc.; const. cem. curb; 1915 Bond Imp. Act. F. C. Dyer, city eng.

BERKELEY, Cal.—The Regents of the University of California has awarded a contract to the Oakland Paving Co., 5000 Broadway, Oakland, at $12,334.63 for paving in the U. C. grounds.

SONOMA COUNTY, Calif.—Until July 9, 2 p. m., bids will be rec. by State Highway Comm., Forum Bldg., Sacramento, to grade and surface with gravel, 0.2 mi. in Sonoma county, near Lytton. R. M. Morton, state highway eng. **See call for bids under official proposal section in this issue.**

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Contracts Awarded

Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

$1,000 and Over Reported

The following is an index for the contracts for this issue.

No.	Owner	Contractor	Amt.
2305	Umbsen	Fransen	10800
2306	Roman	Leonard	25000
2307	Zellerbach	Conlan	25000
2308	Petersen	Owner	7000
2309	Lindberg	Owner	3900
2310	Lindberg	Owner	3900
2311	Perry	Perry	4000
2312	Hansen	Owner	15000
2313	Grosman	Owner	2000
2314	Threlkeld	Larsen	2000
2315	Dolan	Hansen	3000
2316	Glover	Owner	3000
2317	McDonough	Brass	2000
2318	Pacific	Forbes	17340
2319	Same	Wocker	1750
2320	Zirker	Nelson	47000
2321	Pacific	Carlin	28250
2322	Mullen	Vukicevich	11374
2323	Same	Lemoge	364
2324	Same	Soule	1848
2325	Same	Alta	312
2326	Lynch	Hooper	1575
2327	McCarthy	Arnott	4100
2328	R C Archbishop	Fay	——
2329	Whitcomb	Home	3000
2330	Ahbertini	Harder	6000
2331	Pappas	Le Blanc	4000
2332	Haines	McMillan	4000
2333	American	Lindgren	350000
2334	S F Nursery	Martin	16630
2335	Pereira	Owner	4000
2336	Dobrodenka	Bernhardt	6800
2337	Cirimelli	Cuneo	18000
2338	Yat Sun	Stevens	4908
2339	Fifth Church	Morton	70000
2340	Parkside	Owner	5000
2341	Nordini	Morton	29800
2342	Standard	McLeran	100000
2343	Johnson	Owner	700
2344	Weber	Owner	9 00
2345	Smith	Owner	3000
2346	Western	Thornalley	16000
2347	City	Cox	16000
2348	McLeran	Owner	100000
2349	Same	Same	50000
2350	Smith	Carlson	3850
2351	McDonough	Braas	1548
2452	Aron	Medbust	11700
2353	Olivi	Chiappe	16840
2354	Martin	Moore	26900
2355	Warfield	Owner	10000
2356	Lowenberg	Owner	25000
2357	Gawthorne	Owner	4000
2358	Johnson	Owner	6000
2359	Jacobson	Johnson	4000
2360	Cammelleri	Sherry	1900
2361	Marenzi	Maffei	10000
2362	Purdy	Owner	1000
2363	Jacobson	Johnson	4000
2364	McRae	Owner	5000
2365	Dobrodenka	Bernhardt	6000
2366	Furey	Montgomery	12000
2367	R C Archbishop	Owner	80000
2368	2006 Wsh. St	McClure	2300
2369	Western	Thornalley	16128
2370	Booth	Mitchell	5500
2371	Wallace	Usnik	6290
2372	Tershuren	Tershuren	3900
2373	Hasseler	Jernigan	2000
2374	Lathrop	Matthies	6000
2375	Lachrop	McLaughlin	10000
2376	Ross	Ross	9000
2377	Dunand	Steiger	4500
2378	Hunseth	Owner	9000
2379	Stone	Bessett	12000
2380	Johnson	Owner	50000
2381	Marian	Owner	130000
2382	Wagnon	Owner	130000
2383	Kipnis	Western	2500
2384	Bailey	Wilson	7475
2385	Weber	Wilson	10572
2386	S W Nursery	Martin	17348
2387	Fitzhugh	S F	1785
2388	Tuggle	Todhunter	31760
2389	Federal	West	57531
2390	Lurie	Hansen	12000
2391	Opusich	Owner	3000
2392	Brown	Owner	24000
2393	Drane	Wiander	9000
2394	Swift	Stone	3000
2395	Patigian	Taylor	8300
2396	Young	Daniels	4500
2397	Kraul	Cuneo	6300
2398	Denhard	Federal	1000
2399	Anderson	Owner	12000
2400	Hansen	Owner	3000
2401	Fifth Church	Morton	70258
2402	Same	Klimm	5395
2403	Same	Hillam	29750
2404	Same	O'Mara	3352
2405	Same	Zelinsky	4293
2406	Same	Central	8900
2407	Same	Ideal	7500

REPAIRS

(2305) 1591 GREENWICH ST. Repair fire damage.
Owner—Umbsen, Kerner & Eisert, 30 Montgomery St., S. F.
Architect—None.
Contractor—Franzen & Pavert, 145 Natoma St., S. F. $10,800

REMODEL

(2306) SW TWENTY-FOURTH AND Florida Sts. Remodel and construct additions to rectory; install heating plant; electric work; plumbing, etc.
Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.
Architects—Shea and Shea, 527 Chronicle Bldg., San Francisco.
Contractor—John J. Leonard, 180 Jessie St., San Francisco. $25,000

RESIDENCE

(2307) N JACKSON 35 W Laurel. 3-story and basement frame residence
Owner—Mrs. Harold L. Zellerback, 3543 Washington St., San Francisco.
Architect—Samuel Lightner Hyman, 68 Post St., S. F.
Contractor—Conlan Bros., 1935 Howard St., San Francisco. $25,000

DWELLINGS

(2308) S LAWTON 70 & 95 W 9th Ave. 2 1-story and basement frame dwlgs.
Owner—Dahlberg Petersen, 330 Moraga St., San Francisco.
Architect—None.
Plans by owner. $3500 each

DWELLING

(2309) E SEVILLE 139 S Rolph. 1-sto. and basement frame dwelling.
Owner—C. Lindberg, 257 Surrey St., San Francisco.
Architect—None. $3900

DWELLING

(2310) E SEVILLE 164 S Rolph. 1-sto. and basement frame dwelling.
Owner—C. Lindberg, 257 Surrey St., San Francisco.
Architect—None. $3900

DWELLING

(2311) E SAN RAPHAEL 115 N Darien 2-story and basement frame dwlg.
Owner—F. K. Perry & M. Little, 591 6th Ave., San Francisco.
Architect—None.
Contractor—Perry and Little, 591 6th Ave., San Francisco. $4000

DWELLINGS

(2312) E SAN JOSE AVE. 25 50 75 100 125 S St. Ysabel Ave. 5 1-story and basement frame dwellings.
Owner—Walter E. Hansen, 1919 San Jose Ave., San Francisco.
Plans by owner. $3000 each

STOCKHOLDERS AUXILIARY CORP.

INSURANCE { FIRE
SURETY BONDS
CASUALTY

PHONE DOUGLAS 6000
550 MONTGOMERY ST.

DWELLING
(2313) W LONDON 50 S Brazil. 1-story and basement frame dwelling.
Owner—W E. Grosman, 51 Curtis St., San Francisco.
Architect—None. $2000

ADDITION
(2314) NW VALLEJO AND SCOTT Sts. Add breakfast room and sun room to dwelling; other minor changes.
Owner—M. C. Threlkeld, Phelan Bldg., San Francisco.
Architect—None.
Contractor—H H. Larsen Co., 517 Monadnock Bldg., S. F. $2000

DWELLING
(2315) E FUNSTON AVE. 250 N Judah. 1-story and basement frame dwlg.
Owner—Mrs. Anita Dolder, 1287 10th Ave., San Francisco.
Architect—None.
Contractor — Walter E. Hansen, 1919 San Jose Ave., S. F. $3000

DWELLING.
(3316) W 27TH AVE., 100 N. Taraval. One-story and basement frame dwelling.
Owner—Andrew O. Glover, 3361 27th Ave., San Francisco.
Architect—M. Dye, 2438 30th Ave., San Francisco. $3000

PAINTING & REDECORATING.
(3317) NE. CLAY & KEARNY STS. Remove store front, erect partitions for offices, painting and redecorating.
Owner—Peter P. and Thomas McDonough, 425 Kearny St., & Hamilton.
Architect—W. H. Crim, Jr., & Murdock, 425 Kearny St., San Francisco.
Contractor—Braas and Kuhn, 1917 Bryant St. $2000

GRADING, ETC
(2318) N O'FEAN AVE bet. Faxon and Ashton Aves. Grading, concrete, road work, wrought iron work, cement plaster, tile setting, carpenter, mill and plumbing for technical training building.
Owner—Pacific Hebrew Orphan Asylum & Home Society.
Architect—Alfred H. Jacobs, 110 Sutter St., San Francisco.
Contractor—R. J. H. Forbes, Monadnock Bldg., San Francisco.
Filed June 7, '23. Dated June 5, '23.
2nd floor slab poured.....$6727.50
Completed and accepted..... 6727.50
Usual 35 days..... 4485.00
TOTAL COST, $17,940.00
Bond, $17,940. Surety, Fidelity & Deposit Co. of Maryland. Limit Aug. 4, 1923. Forfeit, none. Plans and specifications filed.

(2319) PAINTING ON Above.
Contractor—A C Wocker.
Filed June 7 1923 Dated June 5, 1923.
Completed and accepted ..... ¾
Usual 35 days after..... ¼
TOTAL COST $1750
Bonds, none; Sureties, none; Forfeit, none; Limit, none. Plans and specifications filed

APARTMENTS
(2320) SE FRANKLIN AND WASHington 49-8¼x137-6. All work for three-story frame apartments.
Owner—Zirker Bros., 561 Kearny St., San Francisco.
Architect—W C Mahoney, 862 Union St., San Francisco.
Contractor—E. K. Nelson, 77 O'Farrell St., San Francisco.
Filed June 7, '23. Dated May 31, '23.
1st floor joists set.....$8812
Ready for lath and plaster..... 8812
Plaster finished and mill work on prorerly $8812
Completed and accepted..... 8814
Usual 35 days 11750
TOTAL COST. $47,000
Bond. $2350. Sureties, R. J. Williams & E. A Anderson. Limit, 120 days. Forfeit plans and specifications, none.

EXCAVATION
(2321) E MARKET AND BEALE NE 137-6xSE 138-2. All work for excavation for office building.
Owner—Pacific Gas & Electric Co., 445 Sutter St., San Francisco.
Architect—Bakewell & Brown, 251 Kearny St., San Francisco.
Contractor—Carlin Grading Co.
Filed June 7, '23 Dated May 25, '23.
5 days after 15th of ea. month 75%
Usual 35 days..... 25%
TOTAL COST. $28,250
Bond. $14,130. Surety, Fidelity & Deposit Co. of Maryland. Limit, 50 days. Forfeit, none. Plans and specifications filed.

ADDITION
(2322) W RAUSCH 200 N Folsom. Reinforcing steel, electric wiring, roofing, plumbing and painting for two-story reinforced concrete addition.
Owner—Mullen Manufacturing Co., 64 Rausch St., San Francisco.
Architect—Dodge A. Riedy, 850 Pacific Bldg., San Francisco.
Contractor—Vukicevich & Bagge, 185 Stevenson St., San Francisco.
Filed June 7, '23. Dated May 29, '23.
2nd floor slab poured.....$2593.50
Roof slab poured..... 2593.50
Completed and accepted..... 2593.50
Usual 35 days..... 2593.50
TOTAL COST, $11,374.00
Bond, $5687. Sureties, J. H. McCallum and H. W. Gaetjen. Limit, 40 days. Forfeit, none. Plans and specifications filed.

(2323) ELECTRICAL WIRING ON above.
Contractor—Victor Lemoge, 281 Natoma St., San Francisco.
Filed June 7, '23. Dated May 29, '23.
Completed and accepted.....$364
TOTAL COST, $364
Bond, none. Limit, 40 days. Forfeit, none. Plans and specifications filed.

(2324) REINFORCING STEEL AND mesh on above.
Contractor—E. L. Soule Co., Rialto Bldg, San Francisco.
Filed June 7, '23. Dated May 29, '23.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST. $1848
Bond, none. Limit, 40 days. Forfeit, none. Plans and specifications filed.

(2325) ROOFING ON ABOVE.
Contractor—Alta Roofing Co., 570 Waller St., San Francisco.
Filed June 7, '23. Dated May 29, '23.
Completed and accepted.....$312
TOTAL COST. $312
Bond, none. Limit, 40 days Forfeit, none. Plans and specifications filed.

ALTERATIONS
(2326) W DIAMOND — N of Jersey No. 934 Diamond. All work for alterations and additions to building
Owner—F. M. Lynch, 934 Diamond St., San Francisco.
Architect—None.
Contractor—J. M. Hooper, 33 Guerrero St., San Francisco.
Filed June 7, '23. Dated May 29, '23.
Enclosed .....$ 500
Completed and accepted..... 1075
TOTAL COST, $1575
Bond, limit, forfeit, none. Plans only filed.

BUNGALOW
(2327) W FOURTEENTH AVE 125 N Judah N 25xW 127-6. All work for 5-room bungalow.
Owner—The McCarthy Co., 316 Bush St. San Francisco.
Architect—None.
Contractor—James Arnott & Son, 235 Granville Way, San Francisco.
Filed June 7, '23. Dated May 15, '23.
30 days after frame up..... 25%
30 days after brown coated.... 25%
30 days after comp. and accpt. 25%
Usual 35 days..... 25%
TOTAL COST, $4100
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

GRADING, ETC.
(2328) E MISSION S of Crescent Ave., known as St. Mary's College Tract. Grading of streets, street work and sidewalk work, vitrified pipe sewers, house connections, etc.
Owner—The Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.
Engineers—Punnett & Parez, 333 Kearny St., San Francisco.
Contractor —Fay Improvement Co., Phelan Bldg., San Francisco.
Filed June 7, '23. Dated June 2, '23.
On last of each month..... 75%
Usual 35 days..... 25%
TOTAL COST—Grading, 75c per cu. yd. armored concrete curbs, 90c per lin. ft.; asphalt pavement, 22c per sq. ft.; sidewalks, 15½c per lin. ft.; 8-in. sewer pipe, $1.50 per lin. ft.; 12-in. sewer pipe, $2.30 per lin ft.; 15-in. sewer pipe, $3.17 per lin. ft.; manholes, $95 each.
Bond, $ 10,000. Sureties, Chas. C. Horton and Thos. B Doyle. Limit, 150 days. Foffeit, none. Specifications only filed.

ALTERATIONS
(2329) S MARKET — W Eighth. Remove granite facings of pilasters on east half of front of hotel.
Owner—Hotel Whitcomb, Premises.
Architect—George Rushforth, 354 Pine St, San Francisco.
Contractor—Home Mfg. Co., Inc., 543 Brannan St., San Francisco. $3000

DWELLING
(2330) S BAY 156-3 E Gough. One-story and basement frame dwlg.
Owner—Minnie V. Ahbertini, 1287 Green St., San Francisco.
Designer—R. Gyselman, 820 Central Ave., San Francisco.
Contractor — John Harder, 870 39th Ave., San Francisco. $6000

STORES
(2331) E POTRERO AVE 87-6 S Sixteenth. One-story frame stores.
Owner — James and William Pappas, 313-317 Potrero Ave., S. F.
Architect—Frank M. Weber, 2224 Mariposa St., San Francisco.
Contractor—Henry J. Le Blanc, 242 Joost Ave., San Francisco. $4000

DWELLING
(2332) E FORTY-EIGHTH AVE 205 S Balboa. One-story and basement frame dwelling.
Owner—Mr. and Mrs. H. S. Haines, 547 45th Ave., San Francisco.
Architect—None.
Contractor — R. S. K. McMillan, 2641 Howard St., S. F. $4000

FACTORY
(2333) S TWENTIETH bet. Third and Illinois. Two and four-story concrete and brick factory.
Owner—American Can Co., Mills Bldg., San Francisco.
Architect—G. C. Preis.
Contract—Lindgren Co., 954 Monadnock Bldg., S. F. $350,000

ALTERATIONS
(2334) N LAKE bet. Fourteenth and Fifteenth Aves. Alterations and additions for brick nursery and one story frame gymnasium.
Owner—San Francisco Nursery for Homeless Children, Premises.
Architect—Kenneth MacDonald and Maurice Couchot, 234 Pine St., S. F.
Contractor—Wm. Martin, 180 Jessie St., San Francisco. $16,630

DWELLING
(2335) E. 20TH AVE., 201 S. Judah. One-story and basement frame dwelling.
Owner—J. A. Pereira, 1215 12th Ave., San Francisco.
Architect—None. $4000

BUILDING.
(2336) LOT 16 BLK 3107, Westwood Park. All work except furnishing interior mill work and front entrance building.
Owner—Joseph Dobrodenka, 1362 Stev-
Architect—None.
enson St., San Francisco.
Contractor—H. B. Bernhardt & R. L. Ryder, 582 Grove St., San Francisco.
Filed June 8, 1923. Dated June 7, 1923.
On completion of foundation..$ 600
On completion of frame..... 2000
First coat plaster on..... 1000
Finish plaster finished..... 750
Trim. completed 500
House completed 750
Usual 35 days after 1200
TOTAL COST $6800
Bond, none; Sureties, none; Forfeit, none; Limit, 90 days after June 11, 1923. Plans and specifications none.

FLATS
(2337) W MISSION 50 N Mowhawk 50 x110. All work except finished hardware, light fixtures and window frame for (4) flats.
Owner—Pasquale Crimelli, 357 Union St., San Francisco.
Plans by Contractor.
Contractor—Jno. P. Cuneo and Frank De Martini, 5079 Mission St., S. F.
Filed June 8, '23. Dated May 8, '23.

Floor joists in place.....$3600
Roof on 3600
Brown coated and plumbing roughed in 3600
Completed and accepted..... 3600
Usual 35 days..... 3600
TOTAL COST, $18,000
Bond, $9000. Sureties, J. Arata and Frank De Martini. Limit, 120 days after June 12, 1923. Forfeit, plans and specifications, none.

ALTERATIONS
(2838) NO. 830 GRANT AVE. All work for alterations to store.
Owner—Yat Sun Co., Premises.
Architect—Chas. E. J. Rogers, Phelan Bldg., San Francisco.
Contractor—W. J. Stevens, 180 Jessie St., San Francisco.
Filed June 8, '23. Dated May 31, '23.
Framing & floors completed and rough plumbing and electric work completed $1600
Completed and aaccepted..... 2081
Usual 35 days..... 1227
TOTAL COST, $4908
Bond, $2454. Sureties, Chas. H. Hock and L. B. Sibley. Limit, 45 days. Forfeit, none. Plans and specifications filed.

CHURCH
(2339) NW O'FARRELL AND SHANNON. One-story, basement and balcony reinforced concrete church
Owner—5th Church of Christ Scientist
Architect—Carl Werner, 906 Santa Fe Bldg., San Francisco.
Contractor—John Morton, Balboa Bldg., San Francisco. $70,000

DWELLING
(2340) E TWENTY-SECOND AVE 125 S Taraval. One-story and basement frame dwelling.
Owner — Parkside Realty Co., 617 Crocker Bldg., San Francisco
Architect—Chas. F. Strothoff, 2271 15th St., San Francisco. $5000

APARTMENTS
(2341) NE OCTAVIA AND VALLEJO. Two-story and basement frame (3) apartments.
Owner — A. Nordini, 460 Montgomery St., San Francisco.
Architect—John H. Powers and John H Ahuden, 460 Montgomery St., San Francisco.
Contractor—John Morton, 318 Balboa Bldg., San Francisco. $29,800

BUILDINGS
(2342) BEACH, JEFFERSON, JONES and Leavenworth. Construct buildings for oil plant.
Owner—Standard Oil Co., Bush and Sansome Sts., San Francisco.
Plans by Eng. Dept. of Owners.
Contractor — R. McLeran Co., Hearst Bldg., San Francisco. $100,000

RESIDENCE
(2343) URBANO DRIVE being Lot 19 Blk 15, Ingleside Terrace. One-story and basement frame residence.
Owner—Edward A. Johnson, 2445 26th Ave., San Francisco.
Architect—S. Heiman, 57 Post St., San Francisco. $7000

DWELLINGS
(2344) N NEWCOMBE 225, 250 and 275 E Lane. Three one-story and basement frame dwellings
Owner—Mrs. C. Weber, 5015 Turk St., San Francisco.
Architect—Antone Peterson, 2770 San Bruno Ave., S. F. $3000 each

DWELLING
(2345) E TWENTY-THIRD AVE 25 S Balboa. One-story and basement frame dwelling.
Owner—Elizabeth N. Smith, 6327 California St., San Francisco
Architect—None. $3000

REPAIRS
(2346) NO 670 FOLSOM. Remove present and replace with new flooring and general repairs for offices.
Owner—Western Electric Co., Prem.
Architect—Plant Eng. of Company.
Contractor—W. G. Thornalley, Webster Bldg., Oakland. $16,000

APARTMENES
(2347) SE LINCOLN WAY & SIXTH Ave. Two-story and basement frame (4) apartments
Owner—City Realty Co., 46 Kearny St., San Francisco.
Architect—None.
Contractor—Cox Bros., 1309 9th Ave., San Francisco. $16,000

WAREHOUSE
(2348) W SECOND 95 S Harrison. Four-story and basement reinforced concrete warehouse.
Owner — McLeran Co., Hearst Bldg., San Francisco.
Architect—A. Headman, New Call Bldg San Francisco. $100,000

WAREHOUSE
(2349) W FOLSOM bet. Thirteenth & Erie. One-story concrete warehouse.
Owner—R. McLeran Co., Hearst Bldg., (Crystal Laundry Co.)
Architect — A Headman, New Call Bldg., San Francisco. $50,000

BUILDING
(2350) W GRANADA AVE 300 N Lakeview Ave N 25xW 112-6 Lot 42 Blk 12, Lakeview. All work for building.
Owner—Leslie A. and Selma Smith, 463 Faxon Ave., San Francisco.
Architect—None.
Contractor—Gus Carlson, 33 Pond St.
Filed June 9, '23. Dated June 5, '23.
Four equal payments as follows:
Frame up .....$——
Brown coated ..... ——
Completed and accepted..... ——
Usual 35 days..... ——
TOTAL COST, $3850
Bond, none. Limit, 90 days. Forfeit, plans and specificatlans, none.

ALTERATIONS
(2351) NE CLAY AND KEARNY. All work for new store front in building.
Owner—Peter P. and Thos. McDonough 708 Kearny St., San Francisco.
Architect—W. H. Crim Jr. and Hamilton Murdock, 425 Kearny St., San Francisco.
Contractor—Braas & Kuhn Co., 1917 Bryant St., San Francisco.
Filed June 9, '23. Dated June 6, '23.
Completed and accepted.....$1161
Usual 35 days..... 387
TOTAL COST, $1548
Bond, $774. Sureties, B. Anderson and P. Ruppert. Limit, 30 days. Forfeit, none. Plans and specifications filed.

BUILDING
(2352) W FIFTEENTH AVE 100 N Geary. All work for two-story frame building.
Owner—Maurice and Belle Aron, 1530 Anza St., San Francisco.
Architect—None.
Contractor—P. M. Midbust, 177 Caselli Ave., San Francisco.
Filed June 9, '23. Dated June 8, '23.
Roof on $2925
Brown coated 2925
Completed 2925
Usual 35 days..... 2925
TOTAL COST, $11,700
Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

FRAME BUILDING
(2353) NW LOMBARD AND FRANKlin W 27-6xN 100 W A 113. All work except plumbing, painting, shades and chandeliers for two-story and basement frame building
Owntr — R. J. Olivi, 1339 Greenwich St., San Francisco.
Architect—J. A. Porporato, 619 Washington St., San Francisco.
Contractor—G. Chiappe, 491 Greenwich St., San Francisco.
Filed June 9, '23. Dated June 4, '23.
Frame up $2500
Enclosed and roof sheathing on 2000
Brown coated 3000
Completed and accepted..... 4500
Usual 35 days..... 4840
TOTAL COST, $16,840
Bond, $8000. Sureties, E. Demartini and L. Segale. Limit, 90 days. Forfeit none. Plans and specifications filed.

RESIDENCE
(2354) SW. ST FRANCIS BLVD. and Santa Clara. Two-story and basement frame residence.
Owner—J. Turner Martin, 174 Ellis St., San Francisco.
Architect—H. H. Gutterson, 278 Post St., San Francisco
Contractor—Moore and Madsen, 77 O'Farrell St., San Francisco. $26,900

ALTERATIONS.
(2355) 988 Market St. Remove present and construct new terra cotta partitions; plumbing, lathing and plastering, painting and decorating; install kitchen equipment.
Owner—Warfield Cafeteria, 210 Loew Bldg., San Francisco.
Architects—Rist & Riedy, 850 Pacific Bldg. $10,000

ALTERATIONS.
(2356) S. MARKET, 300 W 6TH. Lower present basement floor; install elevators; construct two additional stories and remodel front for store
Owner—A. J. Lowenberg, Hearst Bldg., San Francisco.
Architect—Samuel Lightner Hyman, 68 Post St., San Francisco. $25,000

FLATS.
(2357) E. ARGUELLO BLVD., 150 S McAllister. Two-story and basement frame (2) flats.
Owner—Dr. F. A Gawthorne, 708 Phelan Bldg.
Architect—None. $4000

FLATS.
(2358) N. CALIFORNIA 95 W. 21st Ave. Two-story and basement frame (2) flats.
Owner—Gustaf R. Johnson, 621 Haight St., San Francisco.
Architect—None. $6000

RESIDENCE.
(2359) E. GRANADA AVE., 125 S. Grafton. One-story and basement frame residence.
Owner—T. Jacobson, 1141 Divisadero St., San Francisco.
Architect—Evansand Co., 359 Pacific Bldg., San Francisco.
Contractor—J. Johnson & L. Erlandson, 1141 Divisadero St., San Francisco. $4000

DWELLING.
(2360) S. OAKDALE, 175 E. Mendell. One-story and basement frame dwelling.
Owner—Elena Cammelleri, 1513 Oakdale Ave., San Francisco.
Architect—None.
Contractor—Frank Sherry, 1447 McKinnon Ave., San Francisco. $1900

ADDITION.
(2361) 1230 CHESTNUT ST. Addition of 2 flats to present building.
Owner—Andrea Marenzi, 3224 Laguna St., San Francisco.
Architect—None.
Contractor—V. Maffei, 1230 Chestnut St., San Francisco. $10,000

FLATS.
(2362) 2045 DIVISADERO ST. Remodel 2-story residence for flats.
Owner—W. O. Purdy, 2045 Divisadero St., San Francisco.
Architect—None. $1000

DWELLING.
(2363) E. BRIGHTON AVE., 225 N. Grafton. One-story and basement frame dwelling.
Owner T. Jacobson, 1141 Divisadero St., San Francisco.
Architect—Evans and Co., 359 Pacific Bldg., San Francisco.
Contractor—J. Johnson & L. Erlandson, 1141 Divisadero St., San Francisco. $4000

RESIDENCE.
(2364) E. BUENA VISTA TERRACE, 26.33, S Dubuce Ave. Two-story and basement frame residence.
Owner—Mrs. Lillian M McRae, 135 Buena Vista Ave.
Architect—None.
Contractor—Not yet selected $5000

DWELLING.
(2365) S. MONTEREY BLVD., bet Miramar & Faxon Ave. (Westwood Park, Lot 16 Block 3107). One-story and basement frame dwelling.
Owner—Joseph Dobrodenka, 1362 Stevenson St.
Architect—None.
Contractor—Bernhardt and Ryder 582 Grove St., San Francisco. $6000

APARTMENTS
(2366) W BRODERICK 50 N. Haves. Two-story and basement frame (4) apartments.
Owner—Geo. & Elizabeth Furey, 310 California St., San Francisco.

Designer—F. W. Dakin, 310 California St., San Francisco.
Contractor—E. J. Montgomery, 1320 Broadway, San Francisco. $12,000

SCHOOL.
(2367) E. 9TH AVE., 275 N. Geary. Four-story and basement reinforced concrete school.
Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.
Architect—John O. Lofquist. $80,000

GRADING
(2368) WASHINGTON 68-9 W Gough W 68-9xN 127-8¼. All work for grading lot.
Owner—Two Thousand and Six Washington Street, Inc.
Architect — C. A. Meussdorffer, Humboldt Bank Bldg., San Francisco.
Contractor—H. N. McClure, 608 Octavia St., San Francisco.
Filed June 11, '23. Dated May 31, '23.
On 1st and 15th of each month 75%
Usual 35 days 25%
TOTAL COST $2200
Bond, none. Limit, 25 days after June 7, 1923. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(2369) 1010-8 FOLSOM ST. All work for alterations to stations C-2 and C-3 of building
Owner—Western Electric Co., Premises
Architect—None.
Contractor—W. G. Thornalley, Webster Bldg., Oakland.
Filed June 11, '23. Dated June 8, '23.
On 1st of each month as work progresses 75%
Usual 35 days 25%
TOTAL COST, $16
Bond, none. Limit 85 days. Forfeit, none. Plans and specifications filed.

DWELLING
(2370) E COLUMBIA OR Florida 28 S Serpentine Ave S 25xE 100. All work for two-story frame dwelling
Owner—Jos. and Elizabeth Booth, 1467 Florida St., San Francisco.
Plans by Contractor.
Contractor—Thos. F. Mitchell & Son, 1370 Utah St., San Francisco
Filed June 11, '23. Dated May 12, '23.
Frame up $1375
Brown coated 1375
Completed 1375
Usual 35 days 1375
TOTAL COST, $7500
Bond, none. Limit, 120 days. Forfeit, none. Plans and specifications filed.

ALTERATIONS & ADDITIONS.
(2371) N PAGE, 131 3 W. Scott, W 25x N 137.6. Alterations and additions to a 2-story frame bldg into flats.
Owner—Edna Wallace, 319 Divisadero St., San Francisco.
Plans by contractor.
Contractor — Anton Usnik, 99 Duboce Ave., San Francisco.
Filed June 11, '23. Dated June 9, '23
House raised & sidewalk in.$1800.00
Roof on and glass in 1800.00
Completed and accepted 1117.50
Usual 35 days after 1579.50
TOTAL COST $6299
Bond, $3000; Sureties, Fay Ring & John Garadeky; Forfeit, none; Limit, 150 days. Plans and specifications filed.

FLATS
(2372) SE DOUGLAS AND NINETEENTH streets, 2-story and basement frame (2) flats.
Owner—H. T. Tershuren, 307 Douglas St., San Francisco.
Architect—None.
Contractor—H. F. Tershuren, 307 Douglas St., San Francisco. $3900

RESIDENCE
(2373) E THIRTY-FOURTH AVE 100 N Balboa 1-story and basement frame residence.
Owner—Phillip Hasseler, 950 Steiner St., San Francisco.
Architect—None.
Contractor—E. H. Jernigan, 1301 Leavenworth St., San Francisco. $2000

ALTERATIONS
(2374) NW SCOTT & UNION STS. Rearrange stairways; cement stucco front, new roofing; erect fire escapes, etc. for flats
Owner—Trustees of Estate of Chas. G. Lathrop, Deceased, % Union Trust Company.
Architect—Vernon W. Houghton, 275 Post St., San Francisco.
Contractor—Matthies & Gale, 185 Stevenson St., S. F. $6000

FLATS
(2375) S SUTTER 112-7½ E Hyde. 2-story and basement concrete flats
Owner—H. W. Jauchen, 1391 Sutter St. San Francisco.
Architect—None.
Contractor—James L. McLaughlin, 251 Kearny St., S. F. $10,000

DWELLINGS
(2376) W FIFTEENTH AVE 25 50 75 N Kirkham. Three 1-story & basement frame dwellings.
Owner—L. S. Ross, 1440 15th Ave. S. F.
Architect—Chas. E. J. Rogers, Phelan Bldg., San Francisco.
Contractor—D. W. Ross, 180 Jessie St., San Francisco. $3000 each

ALTERATIONS
(2377) NO. 161 CENTRAL AVE. Alterations and repairs for apartments.
Owner—Edward L. Dunand, 161 Central Ave., San Francisco.
Architect—Earl Bertz, 168 Sutter St., San Francisco.
Contractor—H. Steiger, 1630 Haight St., San Francisco. $4500

FLATS
(2378) E TWENTY-FIFTH AVE. 54 N Cabrillo. 2-story & basement frame (2) flats.
Owner—G. Hunseth, 2245 15th St., S. F.
Architect—None. $9000

RESIDENCE
(2379) E FUNSTON AVE. 98 N Fulton. 2-story and basement frame residence.
Owner—Dr Bertram Stone, Flood Bldg. San Francisco.
Architect — Kuhn and Edwards, 833 Market St., San Francisco.
Contractor—C. H. Bessett Building Co., Mills Bldg., S. F. $12,000

APARTMENTS
(2380) W HYDE 100 S Sutter. Five-story and basement concrete (25) apartments.
Owner—Chas. A. Johnson, 36 Steiner St. San Francisco.
Architect—None. $50,000

STORES & OFFICES
(2381) S MARKET 112-6 W 7th. 3-story, basement and mezzanine fl. reinforced concrete stores and offices.
Owner—Marian Realty Co., 1171 Market St., San Francisco.
Architect—D. C. Coleman, 1141 Market St., San Francisco. $130,000

STORES & OFFICES
(2382) S MARKET 75 W 7th. 3-story basement and mezzanine floor reinforced concrete stores and offices
Owner—W. P. Wagnon, 317 Bush St., San Francisco.
Architect—D. C. Coleman, 1141 Market St., San Francisco. $130,000

ALTERATIONS
(2383) NO. 755 McALLISTER. Construct concrete foundation and floor for store and other alterations
Owner—I. Kipnis, 722 McAllister St., San Francisco.
Architect—None.
Contractor—Western Fixture Co., 716 McAllister St., San Francisco. $2500

RESIDENCE
(2384) LOT 13 BLK 3166, Westwood Park. All work for one-story frame residence.
Owner—Harry and Matilda T. Barley, 106 Bosworth St., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.
Contractor—Wilson & Benson, 336 Ashton Ave., San Francisco.
Filed June 12, '23. Dated June 11, '23.
Enclosed and roof on.....$1893
Brown coated 1893
Completed and accepted..... 1893
Usual 35 days..... 1895
TOTAL COST, $7574
Bond, $3787. Sureties, Edwin T. Peterson and Chas. Monson. Limit, 90 days. Forfeit, none. Plans and specifications filed.

FRAME FLATS
(2385) E ARGUELLO BLVD. 76-6 S Golden Gate Ave S 25xE 100 W A 787. All work for two-story and basement frame flat building.
Owner—Frederick P. Weber, 19 Danvers St., San Francisco.
Architect—Charles F. Strothoff, 2274 15th St., San Francisco.
Contractor—Wilson & Benson, 336 Ashton Ave., San Francisco.
Filed June 12, '23. Dated June 11, '23.
Enclosed and roof on.....$2643
Brown coated 2643
Completed and accepted..... 2643
Usual 35 days..... 2643
TOTAL COST, $10,572
Bond, $5286. Sureties, Edwin T. Peterson and Chas. Monson. Limit, 90 days. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(2386) LAKE ST. Bet. Fourteenth and Fifteenth Aves. All work for alterations and additions to present building and construction of new gymnasium building.
Owner—San Francisco Nursery for Homeless Children, Premises.
Architect—Kenneth MacDonald Jr. and Maurice C. Couchot, 234 Pine St., San Francisco.
Contractor—Wm. Martin, 180 Jessie St., San Francisco.
Filed June 12, '23. Dated June 12, '23.
Upon fulfillment by contractor of each of the requirements owner will pay to contractor such month as he is entitled to.....
TOTAL COST, $17,348
Bond, $8674. Sureties, Edwin T. Peterson and Frederick Walpert. Limit, 70 days. Forfeit, none. Plans and specifications filed.

VACUUM MACHINE
(2387) NE POST AND POWELL N 137-6xE 162-9. All work for vacuum cleaning machine for bldg
Owner—Wm. M. and Mary E. Fitzhugh.
Architect—Reid Bros., 105 Montgomery St., San Francisco.
Engineers — Hunter & Hudson, Rialto Bldg., San Francisco.
Contractor—San Francisco Compressed Air Cleaning Co., 535 Sutter St., San Francisco.
Filed June 12, '23. Dated June 1, '23.
On 10th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $1785
Bond, $893. Surety, National Surety Co. Limit, Nov. 1, 1923. Forfeit, none. Plans and specifications filed.

APARTMENTS
(2388) E LARKIN 110 S Chestnut E 110xS 27-6. All work for three-story and basement frame building (apartments).
Owner—Mrs. W. H. Tuggle, 2632 Larkin St., San Francisco.
Architect—Albert J. Fabre and Ernest H. Hildebrand, 110 Sutter St., San Francisco.
Contractor — Geo. C. Todhunter, 1088 Ashbury St., San Francisco.
Filed June 12, '23. Dated May 24, '23.
Foundation poured $3000
Frame up and roof rafters in ...4940
Brown coated 7940
Completed and accepted..... 7940
Usual 35 days..... 7940
TOTAL COST, $31,760
Bond, $5000. Sureties, F. H. Martell & Francis J. Todhunter. Limit, 110 days. Forfeit, none. Plans and specifications filed.

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BANK EQUIPMENT, ETC.
(2389) NW BATTERY AND SACRAmento W 275xN 119-6 Movable metal furniture and bank equipment for seven-story and basement Class A bank building.
Owner—Federal Reserve Bank of S. F.
Architect — Geo. W. Kelham, Sharon Bldg., San Francisco.
Contractor—M. G. West Co., 115 Front St., San Francisco.
Filed June 12, '23. Dated June 1, '23.
Complete shipment of materials 25%
Material delivered at building or stored in S. F..... 50%
Usual 35 days..... 25%
TOTAL COST, $57,531
Bond, $31,109. Surety, Hartford Accident & Indemnity Co. Limit, 20 months. Forfeit, none. Plans and specifications filed.

LOFTS
(2390) N PINE 45-5 W Kearny. Three story concrete Class C lofts.
Owner—The Lurie Co., 315 Montgomery St., San Francisco.
Architect—O'Brien Bros., Inc., 315 Montgomery St., San Francisco.
Contractor—F. L. Hansen, 251 Kearny St., San Francisco. $12,000

DWELLING
(2391) NE REVERE 325 SE Newhall. One-story and basement frame dwelling.
Owner—John Opusich, 3454 17th St., San Francisco.
Architect—None. $2000

DWELLINGS
(2392) W SEVENTEENTH AVE 190, 215, 240, 265, 290, 315, 340 and 365 S Irving. Eight two-story and basement frame dwellings.
Owner—Ward C. Brown, 2915 Harrison St., San Francisco.
Architect—None. $3000 each

FRAME FLATS
(2393) S JERSEY 130 E Diamond Two-story and basement frame (2) flats.
Owner—Geo. W. Drane, — Clipper St., San Francisco.
Architect—None.
Contractor—E. Wiander, 41 Coleridge St., San Francisco. $9000

APARTMENTS
(2394) NW GREENWICH AND VAN Ness Ave. Repair fire damage to apartments.
Owner—T. F. Swift, 408 Mills Bldg., San Francisco.
Architect—None.
Contractor — A. L. Stone, 565 Pacific Bldg., San Francisco. $3000

RESIDENCE
(2395) SW GREENWICH AND WEBster. One-story frame residence and art school.
Owner—Haig Patigian, 923 Polk St., San Francisco.
Architect—Ward & Blohme, 451 California St., San Francisco.
Contractor—Taylor & Jackson, 409 Call Bldg., San Francisco. $8300

DWELLINGS
(2396) E FORTIETH AVE 50 and 75 S Anza. Two one-story and basement frame dwelling.
Owner—Frederick J. Young, 919 Kohl Bldg., San Francisco.
Architect — H. C. Baumann and Edw. Jose, 251 Kearny St., S. F.
Contractor—Edward W. Daniels, 3666 19th St., San Francisco. $2250 each

DWELLING
(2397) N FOURTEENTH 150 W Valencia. One-story and basement frame dwelling.
Owner—F. O. Kraul, 244 Dolores St., San Francisco.
Architect—None.
Contractor—J. Cuneo, 354 Dolores St., San Francisco. $6300

ELECTRIC SIGN
(2398) NO. 701 TENTH AVE. Erect one single-faced electric sign.
Owner—Denhard's Market, Premises.
Architect—None.
Contractor—Federal Elec Co., 91 New Montgomery St., S. F. $1000

DWELLINGS
(2399) E THIRTY-EIGHTH AVE 100, 125-2, 150-2 and 175-2 S Balboa. Four one-story and basement frame dwlg
Owner—Fred Anderson, ℅ Architect.
Architect—Baumann & Jose, 251 Kearny St., San Francisco. $3000 each

DWELLING
(2400) E OTSEGO 275 N San Juan. One-story and basement frame dwelling.
Owner — Walter E. Hansen, 1919 San Jose Ave., San Francisco.
Architect—None. $3000

CHURCH
(2401) NW O'FARRELL AND SHANnon — 112-6xW 96. Excavation, concrete, carpenter, mill, glazing, roofing, etc., for reinforced concrete Class B church.
Owner—4th Church of Christ Scientist in San Francisco.
Architect—Carl Werner, 906 Santa Fe Bldg., San Francisco.
Contractor—John Morton, Balboa Bldg. San Francisco.
Filed June 13, '23. Dated June 9, '23.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $70,258
Bond, $35,129. Surety, New Amsterdam Casualty Co. Limit, 200 days. Forfeit, none. Plans and specifications filed.

(2402) WIRING AND ELECTRICAL work on above.
Contractor—Frank J. Klimm Co., 456 Ellis St., San Francisco.
Filed June 13, '23. Dated June 9, '23.
Payments same as above.....
TOTAL COST, $5395
Bond, $2698. Surety, Globe Indemnity Co. Limit, without delay. Forfeit, none. Plans and specifications filed.

(2403) METAL LATHING, FURRING and plastering on above.
Contractor—A. J. Hillam, 280 47th Ave., Oakland.
Filed June 13, '23. Dated June 9, '23.
Payments same as above.
TOTAL COST $29,750

Bond, $14,875; Sureties, New Amsterdam Casualty Co.; Forfeit, none; Limit without delay. Plans and specifications filed.

(2404) PLUMBING, SEWER AND Drainage on above.
Contractor—J. E. O'Mara Co., 218 Clara St., San Francisco.
Filed June 13, '23. Dated June 9, '23.
Payments as above.
TOTAL COST $3352
Bond, $1675; Sureties, Fidelity & Deposit Co. of Maryland; Forfeit, none; Limit, without delay. Plans and specifications filed.

(2405) PAINTING AND DECORATing on above.
Contractor—D. Zelinsky & Sons, 420 Turk St., San Francisco.
Filed June 13, '23. Dated June 9, '23.
Payment same as above.
TOTAL COST $4293.25
Bond, $4293.25; Sureties, Continental Casualty Co.; Forfeit, none; Limit, without delay. Plans and specifications filed.

(2406) STRUCTURAL STEEL WORK on above.
Contractor—Central Iron Works, 2050 Bryant St., San Francisco.
Filed June 13, '23. Dated June 9, '23.
Payments same as above.
TOTAL COST $8900
Bond, $4450; Sureties, Globe Indemnity Co.; Forfeit, none; Limit, 60 days. Plans and specifications filed.

(2407) HEATING AND VENTILATING on above.
Contractor—Henry Fincke as Ideal Heating Co., 1326 Boneta Ave., Berkeley.
Filed June 13, '23. Dated June 9, '23.
Payments same as above.
TOTAL COST $7500
Bond, $3750; Sureties, The Aetna Casualty & Surety Co. Forfeit, none Limit, without delay. Plans and specifications filed.

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COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted

June 7, 1923—NW MORSE 134 NE Lowell NE 25 x NW 122 m or l A. M. Tadwick to whom it may concern.....May 21, 1923
June 7, 1923—NW BRYANT 115 NE 4th NE 60 x NW 80, Schloss Manufacturing Co. to Fred Moller.....June 2, 1923
June 7, 1923—NE 17TH & ARKANSAS N 200 x E 110, Real Estate & Development Co. to George Wagner.....June 4, 1923
June 7, 1923—S GEARY 94 W 19th Ave W 26 x S 100, Carl V. & Rosalie Sachs to A. M. Hardy....May 29, 1923
June 7, 1923—NE GREEN & BAKER E 86-6 N 87-6 W 27-6 S 7-6 W 59 S 80, Bruce Fair to whom it may concern.....June 4, 1923
June 7, 1923—N 17TH 50 E WISCONsin E 50 x N 200, Real Estate and Dev. Co. to Geo. Wagner.....June 1, 1923
June 7, 1923—S BALBOA 90 W 46TH Ave. W 25 S 90 W 5 S 10 E 30 N 100, Gustave Moeller Jr. to Meyer Bros.....June 1, 1923
June 7, 1923—W 16TH AVE. 125 S Balboa S 25 x W 120, W 47th Ave. 225 S Balboa S 25 x E 120, Gustave Moller to Meyer Bros. ..June 1, 1923
June 7, 1923—S CALIFORNIA 57-6 W 30th Ave. John C. Thomas to whom it may concern.....June 4, 1923
June 7, 1923—W FORTY-SIXTH AV 100 S Balboa S 25xW 120, Elmer Drees to Meyer Bros....June 1, 1923
June 7, 1923—N CALIFORNIA 82-6 E Eleventh Ave 25x100, Harry L Sandow to whom it may concern.....June 7, 1923
June 7, 1923—N BUSH 135-6 W Mason W 30xN 137-6, Bertha Basye to Scott Co.....June 1, 1923
June 7, 1923—E FORTY-SEVENTH Ave 120 S Balboa S 25xE 120, Elmer H Berryman to Meyer Bros.....June 1, 1923
June 7, 1923—W FORTY-SIXTH AV 237-6 S Balboa S 27-6xW 120, Wm Kuchlenz to Meyer Bros.June 1, 1923
June 7, 1923—NW WASHINGTON & Gough W 68-9xN 129-8¾, Two Thousand Washington Street, Inc., to L & E Emanuel, Inc. May 23, 1923
June 8, 1923—E ELLSWORTH 25 S Jarboe S 25xE 70, Wm Leathley to A Cuneo and Wm De Martini.....June 6, 1923
June 8, 1923—E FORTY-SIXTH AVE 125 N Cabrillo N 25xE 120, August Cederberg to whom it may concern.....June 1, 1923
June 8, 1923—W 46TH AVE 25 S Balboa S 75 W 90, William Klute to Meyer Bros.....June 1, 1923
June 8, 1923—S 20 FT LOT 18 & N 20 ft Lot 17 Blk 3108 Westwood Park, Elliott M & Marguerite P. Smith to whom it may concern....June 6, 1923
June 8, 1923—S STATES 666 W CASTRO W 24-8 x S 150 Ptn Blk 15 Point Tr Hd Assn, J M. Heidrich to A. W. Spelt.....June 8, 1923
June 9, 1923—S CABRILLO 95 W Twenty-fourth Ave 25x100 P G Anderson to whom it may concern.....June 5, 1923
June 9, 1923—W NOE 245 S Seventeenth S 25xW 125, Mabel O'Connor to D J Sullivan.....June 1, 1923
June 9, 1923—SW GOUGH & ROSE W 77-6xS 60, Elvira Felix to Meyer Bros.....June 9, 1923
June 9, 1923—N LOMBARD 75 W Buchanan 27-6x120, A Caretti to V Filippis.....June 5, 1923

June 9, 1923—W ARGUELLO BLVD 225 S Geary S 25xW 120. Peter P McDonough to Wm M Reedy.....June 8, 1923

June 9, 1923—E HYDE 82-9 N Golden Gate Ave N 44-9xE 82-6. The Lurie Co to John Spargo.....June 6, 1923

June 11, 1923—S CLEMENT 82-6 E Seventeenth Ave E 25xS 100. Thos Hamill to whom it may concern.....June 8, 1923

June 11 1923—NW COSTA AND SAN Bruno Ave W 200 N 325 m or l E to W San Bruno Ave S 345.52. The California Shade Cloth Co to whom it may concern.....June 9, 1923

June 11, 1923—N NATOMA AND Eighth NW 75xNE 275. Talbot Investment Co to J P Fraser.....June 7, 1923

June 11 1923—E TAYLOR 87-6 S Pine S 25xE 81-6 Anne Force to E Blanckenburg.....June 7, 1923

June 11 1923—N 40 FT LOT 13 and S 15 ft. Lot 14 Blk 4 N 55 ft. Lot 15 Blk 4 St Francis Wood Extn. No. 1 Et. Francis Home Bldg Co to Mangels Bros.....June 8, 1923

June 12 1923—SW PINE & POWELL 62-6x100. Osgr Estate Corp to Hayes Osgr Co.....June 1, 1923

June 13, 1923—E OTIS AND NW Mission N 311-8¾ SE 92 SW 285-8¾ Pacific Embroidery Co to J Martinelli. June 4, 1923; N Anderson.....June 6, 1923

June 13 1923—W NINETEENTH AV 25 N Kirkham — 25 W 95 S 25 E 95. Edward D Swift to whom it may concern.....June 11, 1923

June 13, 1923—NE TOWELL 31-6 NW Hanover NW 25xNE 78. Frank Carmody to whom it may concern.....June 13, 1923

June 13, 1923—N GEARY 68-9 E Leavenworth N 137-6xE 68-9. G Rossi, M Rossi and N Rossi to G B Pasqualetti.....May 24, 1923

June 13, 1923—W FORTIETH AVE 100 N Balboa N 25xW 120. Martin Smith to whom it may concern.....June 13, 1923

LIENS FILED

SAN FRANCISCO COUNTY

June 7, 1923—E SIXTEENTH AVE 150 S Cabrillo S 25xE 127-6. Frank Crothers vs Laurence Marx....$3268

June 9, 1923—NE STANYAN AND Haight N 75xE 100. J J Deasy vs The Hotaling Estate Co. E N Garin and E W Birchall $226.47

June 9, 1923—E NINTH AVE 50 N Judah 50xE 95. Dalziel Moller Co vs J C Gibson $14.26

June 12, 1923—NE STANYAN AND Haight N 75xE 100. A G Atwood vs The Hotaling Estate Co. E A Garin and E W Birchall.....$12.75

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded Amount

June 9, 1923—NW FULTON AND Eighth Ave N 100xW 80. Luis and Leon Blum to Jas Duvaras .$765

June 8, 1923—NW 24TH & OSAGE Alley 50x150. C. G. Daniels to P. H. Edminster. C. G. Gnott $182

June 11, 1923—NE 21 FT. LOT 22 and SW 16 ft. Lot 21 Blk 3. Forest Hill Map Pins Blks 3 and 4. Forest Hill. Incandescent Supply Co to Fred H and Alice M Field.....

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

June 12, 1923—E MISSION bet. 23rd & 24th Sts. No. 2747 Mission Chris C Morehouse Extr Est Elizabeth M Morehouse dec'd as to improvements on property .....

June 13, 1923—N CALIFORNIA 56-3 W Polk W 37-6xN 87-6. Francis T and John F Tyler as to improvements on property .....

RELEASE OF BUILDING CONTRACT

SAN FRANCISCO COUNTY

June 7, 1923—Cancellation of building contract filed June 5, 1923. Zirker Bros with E K Nelson.

BUILDING CONTRACTS

ALAMEDA COUNTY

$1,0000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt
2683	McIntosh	Owner	11000
2684	Cook	Cook	9000
2685	Smith	Henderson	4750
2686	Stirton	Gastman	5682
2687	Andereggen	Owner	2500
2688	Cross	Burks	15000
2689	Owen	Dickie	8000
2690	Contractors	Blodgett	2500
2691	Matheyer	Matheyer	3600
2692	Matheyer	Matheyer	3000
2693	Hill	Owner	3000
2694	Leithman	Owner	2500
2695	Remmel	Owner	6000
2696	Leonard	Owner	20000
2697	Miller	Muller	14000
2698	Robbino	Owner	1500
2699	Martin	Le Fevre	1500
2700	Delmance	Contractors	3400
2701	Stone	Andrews	2250
2702	Chilas	Coward	4500
2703	Varey	Frey	2912
2704	Lovey	McIntosh	9465
2705	Gardener	Knight	16500
2706	Godfrey	Boldt	3000
2707	Sittman	Owner	2500
2708	Johnson	Owner	3000
2709	Oberg	Johnson	2500
2710	Anderson	Jansson	3500
2711	Cabral	Souza	1800
2712	Luders	Opitz	1600
2713	Whalf	Geary	7200
2714	Adams	Healy	1000
2715	Orton	Owner	3000
2716	Hony	Bardwell	5000
2717	Stewart	Wells	1000
2718	Turner	Owner	3000
2719	Reeves	Taylor	9000
2720	Traver	Glaser	6600
2721	Kramer	Hall	6000
2722	Hunken	Bartlett	13699
2723	Weeks	Peterson	7595
2724	Breuner	Walker	180000
2725	Kelly	Gaddis	3000
2726	Moore	Owner	5000
2727	Kerr	Beach	5700
2728	Morris	Owner	5000
2729	Morris	Owner	3000
2730	Fabiola	Dixon	13500
2731	Oakland	Jackson	4358
2732	Oakland	San Francisco	1535
2733	Oakland	California	51798
2734	Van Natta	Owner	2000
2735	Heister	Blethroad	5000
2736	Long	Owner	22500
2737	Long	Owner	18750
2738	Same	Same	18750
2739	Howatt	McPherson	4500
2740	Bergeron	Owner	1900
2741	Preston	Birch	3000
2742	Liiven	Thomas	3350
2743	Grazier	Owner	2650
2744	Ancora	Owner	3200
2745	Baldwin	Sommarstrom	1100
2746	Stuart	Owner	4000
2747	Robins	Robins	4500
2748	Rowe	Trunewald	3950
2749	Samuels	Knowles	15000
2750	Babasenian	Rich	8000
2751	Schilinsky	McKellar	1200
2752	Budd	Christensen	1275
2753	Lange	Owner	2500
2754	Lockett	Jones	3800
2755	McCaffery	Rigney	330
2756	McCaffery	Zeis	1829
2757	McCaffery	Heerdon	1433
2758	McCaffery	Person	9635
2759	McCaffery	Chubb	719
2760	McCaffery	Rochester	490
2761	McCaffery	Rinaldi	2400
2762	Hull	Beach	1000
2763	Cumberpatch	Smith	1865
2764	Spanggard	Henderson	2500
2765	Brodrick	Owner	5250
2766	P G & E	Owner	23000
2767	Heinold	Dingwell	5000
2768	McCoon	Owner	4500
2769	Cormack	Owner	4000
2770	Kyle	Owner	6000
2771	Saroni	Pond	4000
2772	Saroni	Pond	12800
2773	Garrison	Legault	8000
2774	Binkley	Pond	3200
2775	Crokarets	Pearson	3500
2776	Schwartz	McCoy	4000
2777	Bacher	Owner	10000
2778	Benson	Owner	2600
2779	Page	Owner	5000
2780	Johnstone	Owner	3000
2781	Brown	Damgaard	5000
2782	Anderson	Nichols	6317
2783	Regents U. C.	Oakland	12334
2784	Boye	Brown	1572
2785	Watson	Stuart	5000
2786	Kelly	Owner	6000
2787	Anderson	Owner	1000
2788	Rymer	McCausland	5000
2789	Klyce	Heath	8800
2790	Robinson	Muller	1200
2791	Marquis	Owner	4000
2792	Felt	Owner	2400
2793	Sanford	Dolan	4980
2794	Price	Mason	5500
2795	Bruce	Kat	5000
2796	Middleton	Harris	3800
2797	Haug	Owner	3800
2798	Pfeiffer	Own r	5200
2799	Scammell	Owner	5300
2800	Larmer	Owner	10400
2801	Dolan	Owner	5500
2802	Merithen	Merithen	2000
2803	Rageir	McCormick	2500
2804	Cassow	Flittner	4000
2805	Santi	Hauri	5000
2806	Buhs	Ballard	2500
2807	Asterfurn	Wells	3075
2808	Stanley	Stanley	3500
2809	Bell	Owner	1000
2810	Croll	Dashill	3000
2811	Elkins	Owner	2000
2812	P. T. & T.	Truceson	3500
2813	Holmes	Owner	2100
2814	General	Foundation	39000
2815	Cassan	Flittner	4350
2816	Slater	Grodem	3500

DWELLINGS

(2683) NO. 132 & 136 WILDWOOD AV. Piedmont. 2 1-story 6-room dwlgs. and garage.
Owner—R. A. McIntosh, 410 15th St., Oakland.
Architect—None. $5500 each

DWELLING

(2684) 77 WOODLAND WAY, Piedmont. 2-story 6-room residence and garage.
Owner—Florida C. Cook, 424 Pala Ave., Piedmont.
Architect—None.
Contractor—John S. Cook, 424 Pala Ave, Piedmont. $9000

DWELLING

(2685) 658 SANTA ROSA, Berkeley. 1-story 6-room dwelling.
Owner—L. H. Smith.
Architect—None.
Contractor—E. F. Henderson 5744 Keith Ave., Oakland. $4750

DWELLING

(5686) 1210 EUCLID, Berkeley. 1-story 5-room dwelling.
Owner — J. C. Stirton, 1227 Euclid, Berkeley.
Contractor—H. H. Gastman, 1263 Euclid Ave., Berkeley. $5682

DWELLING

(2687) 1534 ADDISON, Berkeley. 2-sto. 4-room dwelling.
Owner—Theo. Andereggen, 2102 California St., Berkeley.
Architect—None. $2500

DWELLINGS

(2688) 2645 2647 2649 2655 SAN PABLO 1109 DERBY, Berkeley. 5 1-story 5-room dwellings.
Owner—R. H. Cross.
Architect—None.
Contractor—C. E. Burks, 4129 Randolph Ave., Oakland. $3000 each

DWELLINGS

(2689) S FLEMING 745 786 W Seminary, Oakland. 2 1-story 6-room dwellings.
Owner—Frank Owen, 2617 35th Ave., Oakland.
Architect—None.
Contractor—W. B. Dickie, 917 62nd St., Oakland. $4000 each

DWELLING

(2690) 2821 BROOKDALE AVE., Oakland. 1-story 4-room dwelling.
Owner—Contractors & Owners Inv. Co., 3940 E-14th St., Oakland.
Architect—None.
Contractor—N. A. Blodgett, 3940 E-14th St., Oakland. $2500

DWELLING
(2691) 2429 MONTICELLO AVE., Oakland. 1-story 5-room dwelling.
Owner—Jennie Matheyer, 1369 Hopkins St., Oakland.
Architect—None.
Contractor—T. B. Matheyer, 1369 Hopkins St., Oakland. $3600

DWELLING.
(2692) 2470 KINGSLAND AVE., Oakland. 1-story 5-room dwelling.
Owner—Jennie Matheyer, 1369 Hopkins St., Oakland.
Architect—None.
Contractor—T. B. Matheyer, 1369 Hopkins St., Oakland. $3000

DWELLING
(2693) 6021 FOOTHILL BLVD., Oakland. 1-story 5-room dwelling.
Owner—Hill and Watters, 1600 High St. Oakland.
Architect—None. $3000

DWELLING
(2694) W PERALTA AVE. 400 N Hopkins, Oakland. 1-story 5-room dwlg
Owner—J. A. Leithman, 2621 Harold St., Oakland.
Architect—None. $2500

DWELLING
(2695) 464 WARFIELD AVE., Oakland. 1-story 5-room dwelling.
Owner—Elizabeth N. Remmel 735 Grand Ave., Oakland.
Architect—None. $6000

APARTMENTS
(2696) NE COR. E-THIRTY-THIRD St. and Park Blvd., Oakland. 3-story 24-room apartments.
Owner—E. B. Leonard, 589 Kenmore Ave., Oakland.
Architect—None. $20,000

WAREHOUSE
(2697) N SECOND ST. 100 E Grove St., Oakland. 1-story brick warehouse.
Owner—Muller Bros., premises.
Architect—None.
Contractor — F. A. Muller, Syndicate Bldg., Oakland. $14,000

ADDITION
(2698) S MOUNTAIN BLVD. nr. Chabot Observation, Oakland. Addition.
Owner—S. Robbiano.
Architect—None. $1500

ALTERATION & ADDITION
(2699) 9440 E-FOURTEENTH ST., Oakland. Alteration and addition.
Owner—Mrs. J. Martin, premises.
Architect—None.
Contractor—Samuel Le Fevre, SE Cor. Ritchie & Ney, Oakland. $1500

DWELLING
(2700) 2763 FRUITVALE AVE., Oakland. 1-story 5-room dwelling.
Owner—M. Delmance, 1003 Carlton St., Berkeley.
Architect—None.
Contractor—Contractors Exchange 5836 Foothill Blvd., Oakland. $3400

DWELLING
(2701) SW COR. TULIP ST. & Greenacre Road, Oakland. 1-story 5-room dwelling.
Owner—L. Stone.
Architect—None.
Contractor — Andrews & Hagen, 3878 Maybelle Ave., Oakland. $2250

DWELLING
(2702) NW COR. CHABOT RD. AND Chabolan Terrace, Oakland. 1-story 6-room dwelling.
Owner—F. Chibas, 6025 Claremont Ave. Oakland.
Architect—None.
Contractor—Joseph Coward, 349 102nd St., Oakland. $4500

DWELLING
(2703) LOTS 60 & 61 BLK 9 REGENTS Park, Albany. All work for 1-story frame dwelling.
Owner—Gilbert C. Varey, 2020 17th Ave., Oakland.
Architect—None.
Contractor—J. B. Frey, Albany.
Filed June 6, 1923. Dated May 31, 1923.
Frame up .....¼
Plastered .....¼
Completed and accepted .....½
TOTAL COST, $2912
Bond, $1500; Sureties, Martin J. Knight and Matilda J. Frey; Forfeit, $1.00 day; Limit, 60 days; Plans, none; Specifications filed.

DWELLING
(2704) NE COR. GRAND ST. & PALOma Court, Alameda. All work for 2-story frame dwelling except plumbing, wiring, painting, shades, hardware, wall paper, elec. fix., hot water heater and furnace.
Owner—L. W. Lovey, 1817 San Antonio, Alameda.
Architect—W. H. Crim Jr. and Hamilton Murdock, 425 Kearny St., S. F.
Contractor—McIntosh Bros., 180 Jessie St., San Francisco.
Filed June 7, 1923. Dated June 4, 1923.
Frame up .....¼
Brown coated .....¼
Completed and accepted .....¼
Usual 35 days .....¼
TOTAL COST, $9465
Bond, $4733; Sureties, Theo. De Pass & E. F. Atkinson; Forfeit, none; Limit, 100 days; Plans and specifications filed.

FLATS
(2705) NW COR. SANTA CLARA AVE and High St., Alameda. All work for 2-story 16-room flats and garage.
Owner—Philip & Leo Gardner, Santa Clara and High Sts., Alameda.
Architect—W. A. Doctor, 410 15th St., Oakland.
Contractor—Harry C. Knight, 388 12th St., Oakland.
Filed June 7, 1923. Dated May 17, 1923.
Roof sheathed $4000
Brown coated 4000
Completed and accepted 6000
Usual 35 days 2500
TOTAL COST, $16,500
Bond, none; Sureties, none; Forfeit, none; Limit, 75 days after mud sills laid; Plans and specifications filed.

ADDITION
(2706) NO. 2434 PIEDMONT AVE., Berkeley. Addition.
Owner—Maude Corey Godfrey, Prem.
Architect—None.
Contractor—Louis I. Boldt, Premises.

ADDITION
(2707) NO. 1430 EUCLID AVE., Berkeley. Addition
Owner—Penelope Sittman. Premises.
Architect—None. $2500

DWELLING
(2708) NO. 1811 SHORT ST., Berkeley. One-story 5-room dwelling.
Owner—M. Johnson, 809 Delaware St., Berkeley.
Architect—None. $3000

DWELLING.
(2709) 8712 A ST., Oakland. One-story 4-room dwelling.
Owner—M. Oberg, San Leandro.
Architect—None.
Contractor—H. Elmer Johnson, San Leandro. $2500

DWELLING.
(2710) E. STEINWAY AVE., Oakland. 160 S. Carrington, Oakland. One-story 5-room dwelling.
Owner—John Andersen, 1514 Lincoln Ave., Alameda.
Architect—None.
Contractor—G. Jansson, 1514 Lincoln St., Alameda. $3500

DWELLING.
(2711) S. E-17TH ST., Oakland, 100 W. 9th Ave., Oakland. One-story, 4-room dwelling.
Owner—A. J. Cabral, 1528 14th Ave., Oakland.
Architect—None.
Contractor—G. Souza, 1529 14th Ave., Oakland. $1800

ALTERATIONS.
(2712) 1835 33RD AVE., Oakland. Alterations.
Owner—Mrs. Bertha Luders, Premises.
Architect—None.
Contractor—G. Opitz, 2522 Bartlett, Oakland. $1600

STORE & FLAT.
(2713) 701-05 60TH ST., Oakland. 2-story 9-room store and flat.
Owner—J. W. Ahlf, 680 60th St. Oakland.
Architect—None.
Contractor—L. G. Geary, 524 58th St., Oakland. $7200

ALTERATIONS.
(2714) 362 BELMONT ST., Oakland. Alterations.
Owner—Dr. J. H. Adams, Crockett, Calif.
Architect—None.
Contractor—P. J. Healy, 39 Nace Ave., Oakland. $1000

DWELLING.
(2715) 5409 FLEMING AVE., Oakland. One-story 5-room dwelling.
Owner—A. E. Orton, 6800 Trenor St., Oakland.
Architect—None. $3000

DWELLING.
(2716) 708 LERIDA AVE., Oakland. One-story 6-room dwelling.
Owner—P. A. Hony, 1732 Washington St., San Francisco.
Architect—None.
Contractor—Charles E. Bardwell, Jr., 2503 10th Ave., Oakland. $5000

DWELLING.
(2717) E. 39TH AVE., 350 N. Bayo, Oakland. One-story 3-room dwelling.
Owner—W. S. Stewart, 3994 39th Ave., Oakland.
Architect—None.
Contractor—M. Wells, 4034 Porter St., Oakland. $1000

DWELLING
(2718) 893 FIFTY-THIRD ST., Oakland. 1-story 5-room dwelling.
Owner—J. A. Turner, 656 54th St., Okd.
Architect—None. $3000

DWELLINGS
(2719) 1417 1421 1425 1429 1433 56th Ave., Oakland. 5 1-story 5-room dwellings.
Owner—R. E. Reeves, 1505 37th Ave., Oakland.
Architect—None.
Contractor—W. C. Taylor, 1901 69th Ave., Oakland. $1800 ea.

FLATS
(2720) 2019-21 FIFTH AVE., Oakland 2-story 8-room flats.
Owner—Anna H. & Olive M. Traver, 116 Lake St., Oakland.
Architect—None.
Contractor—W. N. Glaser, 2553 Seminary Ave., Oakland. $6600

DWELLING
(2721) S DALE PLACE 125 150 175 E 38th Ave., Oakland. 3 1-story 4-rm. dwellings.
Owner—Kramer Bros., 3900 Allendale, Oakland.
Architect—None.
Contractor—Harvey Hall, 2628 Short St. Oakland. $2000 each

APARTMENTS
(2722) NW HILLEGASS AND ASHBY Aves W 60xN 70, Berkeley. All work except wall beds, painting, hot water heater, electric fixtures, shades, gas range, garage, concrete walks and fences for two-story apartments.
Owner—Marie Hunken, 6481 Colby St., Oakland.
Architect—Arthur T. Ehrenpfort, 671 Alcatraz Ave., Oakland.
Contractor—John M. Bartlett, 351 12th St., Oakland.
Filed June 8, '23. Dated June 4, '23.
Roof boards on.....$3000
Brown coated 3500
Completed and accepted..... 3774
30 days after..... 3425
TOTAL COST, $13,609
Bond, $6850. Surety, Globe Indemnity Co. Limit, 100 days Forfeit, $5. Plans and specifications filed.

DWELLING
(2723) WILDWOOD WAY BET. C Frauneder and W. H. Weeks, Piedmond. All work for 1-story dwelling and garage, except fin. hdw., paper, patent roofing, mill work, Hoosier cabinet, Simplex hardware screens, bath wainscot, mantel facing, plumbing fix., ornamental cast cement, Bay State paint, M & S bed.
Owner — Hammond Weeks, 48 Monte Vista, Oakland.
Architect—W. H. Weeks, 369 Pine St., San Francisco.

Contractor—Alfred Peterson, 3918 Linwood Ave., Oakland.
Filed June 8 1923. Dated June 5, 1923.
As work progresses.....75%
Usual 35 days 25%
TOTAL COST, $7595
Bond, $3800. Sureties, Globe Indemnity Co.; Forfeit, none; Limit, 100 days; Plans and specifications filed.

WAREHOUSE
(2724) NE COR. TWENTY-SECOND and Adeline Sts., Oakland. 3-story concrete warehouse.
Owner—John Breuner Co., 15th & Clay Sts., Oakland.
Architect—Reed & Corlett, Oak Bank Bldg., Oakland.
Contractor—P. J. Walker Co., Sharon Bldg., San Francisco. $180,000

DWELLING
(2725) W VICENTE ST. 312 S 58th St., Oakland. 1-story 5-room dwelling.
Owner—Mrs. Mary Lee Kelly.
Architect—None.
Contractor—S. R. Gaddis, 1505 Franklin St., Oakland. $3000

DWELLING
(2726) S MANDANA BLVD. 1000 E Lakeshore, Oakland. 2-story 6-rm. dwelling.
Owner—G. H. Moore, 691 Mandana Blvd Oakland.
Architect—None. $5000

DWELLING
(2727) SW COR. PARK BLVD. AND Brighton Ave., Oakland. 1-story 7-room dwelling.
Owner—Dr. W. J. Kerr, 4013 Park Blvd Oakland.
Architect—None.
Contractor—J. C. Beach, 3770 Latimer Place, Oakland. $5700

DWELLINGS
(2728) N SUTTER 39 & 77 E 39th Ave., Oakland. 2 1-story 4-room dwlgs.
Owner—S. Morris & Son, 649 Mariposa Ave., Oakland.
Architect—None. $2500 each

DWELLING
(2729) NE COR. THIRTY-NINTH AVE and Sutter St., Oakland. 1-story 5-room dwelling.
Owner—S. Morris & Son, 649 Mariposa Ave., Oakland.
Architect—None. $3000

HOSPITAL
(2730) NE MOSS AVE AND BROADWAY N 178.75 E 150 N 192 E 250 S 443 W 322-8. Oakland. Plastering and pre-cast work for four-story and basement hospital.
Owner—Fabiola Hospital Assn., Moss & Broadway, Oakland.
Architect—Geo. W. Kelham, Sharon Bldg., San Francisco.
Contractor—George Dixon 351 12th St., Oakland.
Filed June 8, '23. Dated May 31, '23.
10th of each month.....75%
Usual 35 days.....25%
TOTAL COST, $13,500
Bond, $6750. Surety, Fidelity & Deposit Co. Limit, Sept. 1. Forfeit, none. Plans and specifications filed.

BANK BLDG.
(2731) E BROADWAY 55 N Twelfth N 55xE 100, Oakland. Sidewalk lights for seventeen-story Class A bank and office building.
Owner—The Oakland Bank.
Architect — Reed & Corbett, Oakland Bank Bldg., Oakland.
Contractor—P. H. Jackson, 237 First St. San Francisco.
Filed June 8 '23. Dated May 11, '23.
On 10th of each month.....75%
Usual 35 days.....25%
TOTAL COST, $4358
Bond, $2179. Surety Aetna Casualty & Surety Co. Limit Sept. 1. Forfeit, none. Plans and specifications filed.

(2732) VACUUM CLEANING APPARATUS on above.
Contractor—S. F. Compressed Air Cleaning Co. 537 Sutter St. S. F.
Filed June 8 '23. Dated May 17, '23.
Payments same as above.....
TOTAL COST $1535
Bond $768. Surety, National Surety Co. Limit Aug 1, 1923. Forfeit none. Plans and specifications filed.

(2733) ORNAMENTAL IRON AND bronze work on above.
Contractor—California Artistic Metal & Wire Co., 349 7th St., S. F.
Filed June 8, '23. Dated June 6, '23.
Payments same as above.....
TOTAL COST, $54,798
Bond, $27,399. Surety, Fidelity & Deposit Co. Limit, 7 months. Forfeit, none. Plans and specifications filed.

DWELLING
(2734) 1335 BLAKE ST., Berkeley. 1-story 5-room dwelling.
Owner—Melvin Van Natter, 1212 53rd St., Emeryville.
Architect—None. $2000

DWELLING
(2735) 834 SANTA BARBARA RD., Berkeley. 1-story 7-room dwelling.
Owner—Hermine Hiester, 1734 California St., Berkeley.
Architect—None.
Contractor—D. T. Blethroad 1453 Henry St., Berkeley. $5000

DWELLINGS
(2736) 2010 BERRYMAN 1056 1060 1052 1048 1044 MONTEREY, Berkeley. Six 1-story 5-room dwellings.
Owner—Roy O. Long Co., 2114 Shattuck Ave., Berkeley.
Architect—None. $3750 each

DWELLINGS
(2737) 1040 1036 1032 1032 1026 COLUSA, Berkeley. Five 1-story 5-room dwellings.
Owner—Roy O. Long Co., 2114 Shattuck Ave., Berkeley.
Architect—None. $3750 each

DWELLINGS
(2738) 1301 1305 1307 1311 1315 MILVIA, Berkeley. Five 1-story 5-room dwellings.
Owner—Roy O. Long Co., 2114 Shattuck Ave., Berkeley.
Architect—None. $3750 each

ADDITION
(2739) 2119 HEARST AVE., Berkeley. Addition.
Owner— T. Howatt.
Architect—None.
Contractor—S. McPherson, 2151 Ashby Ave., Berkeley. $4500

SERVICE STATION
(2740) 2198 SAN PABLO AVE., Berkeley. 1-story service station.
Owner—N. Bergeron, 6432 San Pablo Ave., Oakland.
Architect — Hutchinson & Mills, 1214 Webster St., Oakland. $1900

DWELLING
(2741) W SIXTY-SEVENTH AVE. 297 N E-14th St., Oakland. 1-story 5-room dwelling.
Owner—W. F. Preston, Benecia, Cal.
Architect—None.
Contractor—C. A. Birch, 300 13th St., Oakland. $3000

STORES
(2742) N HOPKINS ST. 189 E Fruitvale St., Oakland. 1-story stores.
Owner—H. Litven, 3940 Ordley St., Okd.
Architect—None.
Contractor — Thomas & Meyer, 3022 Peralta Ave., Oakland. $3350

DWELLING
(2743) N SIXTY-THIRD ST. 55 E San Pablo, Oakland. 1-story 5-rm. dwlg.
Owner—L. Grazier, 1407 10th St., Oakland.
Architect—None. $2650

DWELLING
(2744) S APGAR ST. 150 from intersection 38th St., Oakland. 1-story 5-room dwelling.
Owner—K. W. Ancora, 1738½ 5th St., Berkeley.
Architect—None. $3200

ALTERATION & ADDITION
(2745) 4177 RANDOLPH AVE, Oakland. Alter & add.
Owner—S. Florence Baldwin, premises.
Architect—None.
Contractor—M. F. Sommarstrom, 402 15th St., Oakland. $1100

DWELLING
(2746) 3035 EASTMAN AVE., Oakland. 1-story 6-room dwelling.
Owner—J. Frank Stuart, premises.
Architect—None. $4000

DWELLING
(2747) 5555 CARLETON ST., Oakland 1-story 6-room dwelling.
Owner—L. E. Robins, 5117 Broadway, Oakland.
Architect—None.
Contractor—R. L. Robins, 5117 Broadway, Oakland. $4500

DWELLING
(2748) S SIXTY-SECOND ST. 250 E Hillegass, Oakland 1-story 5-room dwelling.
Owner—Mrs. T. Rowe, 373 62nd St., Oakland.
Architect—None.
Contractor—F. Grunewald, 5408 Bryant Ave., Oakland. $3950

ALTERATION
(2749) NE COR FIFTEENTH AND Broadway, Oakland. Alterations.
Owner—Samuels Co., San Francisco.
Architect—B. Joseph, Call Bldg., San Francisco.
Contractor—Wm. Knowles, Central Bk. Bldg., Oakland. $15,000

DWELLING
(2750) 319 PERRY ST., Oakland. 2-story 7-room dwelling.
Owner—M. S. Babasenian, Oakland.
Architect—None.
Contractor—Jas L. Rich, 743 Hilgirt Circle, Oakland. $8000

DWELING
(2751) 1607 FORTIETH AVE (rear), Oakland. 1-story 3-room dwelling.
Owner—Carl Schillinsky, premises.
Architect—None.
Contractor—J. McKellar, 628 12th St., Oakland. $1200

ADDITION
(2752) 2268 E-FIFTEENTH ST., Oakland. Addition.
Owner—Mrs. J. J. Budd, premises.
Architect—None.
Contractor—N. Christensen, 3014 E-19th St., Oakland. $1275

DWELLING
(2753) W EIGHTY-EIGHTH AVE 250 N Olive St., Oakland. 1-story 5-room dwelling.
Owner—Fred Lange.
Architect—None. $2500

DWELLING
(2754) 809 PROSPECT AVE., Oakland. 1-story 5-room dwelling.
Owner—W. A. Lockett, premises.
Architect—None.
Contractor—S. Jones, 5827 Lawton Ave. Oakland. $3800

DWELLING
(2755) LOT 10 CROCKER TERRACE, Piedmont. Tile work for two-story dwelling and garage.
Owner—Frances L. McCaffery, 678 Walsworth St., Oakland
Architect—Sidney B. & Noble Newsom, Nevada Bank Bldg., S. F.
Contractor—Rigney Tile Co., 260 Walsworth St., Oakland.
Filed June 11, '23. Dated June 5, '23.
Completed $248
Usual 35 days..... 82
TOTAL COST, $330
Bond, none. Limit, without delay. Forfeit, $5. Plans and specifications filed.

(2756) PLUMBING AND SEWERING on above.
Contractor—Oscar L. Zeis, 787 22nd St., Oakland.
Filed June 11, '23. Dater June 5, '23.
Roughed in $910
Completed 455
Usual 35 days..... 455
TOTAL COST, $1820
Bond, $910. Sureties, John W. Hottes and Tlea K. Potter. Limit, without delay. Forfeit, $5. Plans and specifications filed.

(2757) PAINTING ON ABOVE.
Contractor—A. Van Heerdon & Co., 6250 College Ave., Oakland.
Filed June 11, '23. Dated June 5, '23.
½ completed $537
Completed 537
Usual 35 days..... 359
TOTAL COST, $1433
Bond, none. Limit, without delay. Forfeit, $5 Plans and specifications filed.

(2758) ALL WORK EXCEPT BRICK, lathing, ornamental iron, plastering, tile, tile roof, electric work, plumbing, painting, papering, heat-

ing, finish hardware, electric fixtures, hardwood floors and shades on above.
Contractor—Emil Person, 351 12th St., Oakland.
Filed June 11, '23. Dated June 5, '23.
Frame up $2408
Brown coated 2408
Completed 2408
Usual 35 days..... 2411
TOTAL COST, $9635
Bond, $4818. Sureties, F. E. Nelson. Limit, without delay. Forfeit, $5. Plans and specifications filed.

(2759) BRICK WORK ON ABOVE.
Contractor—Charles Chubb, 1932 Linden St., Oakland.
Filed June 11, '23. Dated June 5, '23.
½ completed $269
Completed 269
Usual 35 days..... 181
TOTAL COST, $719
Bond, none. Limit, none. Forfeit, $5. Plans and specifications filed.

(2760) ELECTRICAL WORK ON above.
Contractor—Rochester Elec. Co., 2134 University Ave., Berkeley.
Filed June 11, '23. Dated June 5, '23.
Roughed in $183
Completed 183
Usual 35 days..... 124
TOTAL COST, $490
Bond, none. Limit, without delay. Forfeit, $5. Plans and specifications filed.

(2761) LATHING AND PLASTERING on above.
Contractor—J. Rinaldi, 836 52nd St., Piedmont.
Filed June 11, '23. Dated June 5, '23.
Brown coated $900
Completed 900
Usual 35 days..... 600
TOTAL COST, $2400
Bond, $1200. Sureties, John A. Davis and E. T. Larson. Limit, without delay Forfeit, $5. Plans and specifications filed.

ALTERATIONS
(2762) NO. 2627 FULTON ST., Berkeley. Alterations.
Owner—L. B. Hull Jr., Premises.
Architect—None.
Contractor—R. Beach. $1000

ALTERATIONS
(2763) NO. 2413 HILLGARD ST., Berkeley. Alterations.
Owner—Geo. W. Cumberpatch, Prem.
Architect—None.
Contractor—H. W. Smith, 2218½ Los Angeles St., Berkeley. $1865

DWELLING
(2764) NO. 2628 GROVE ST., Berkeley. One-story 4-room dwelling.
Owner—J. A. Spanggard.
Architect—None.
Contractor—E. F. Henderson, 5744 Keith Ave., Oakland. $2500

DWELLING
(2765) NO. 1730 SAN PEDRO, Berkeley One-story 6-room dwelling.
Owner—W. L. Brodrick, 2114 Shattuck Ave., Berkeley.
Architect—None. $5250

STATION
(2766) NO. 1644 HEARST AVE., Berkeley. Concrete sub-station.
Owner—Pacific Gas & Electric Co., 445 Sutter St., San Francisco.
Architect—None. $23,000

DWELLING
(2767) E YORK ST. 40 N Prince St., Oakland. 1-story 7-room dwelling.
Owner—Geo. Heinold, 2008 West St., Oakland.
Architect—None.
Contractor—J. H. Dingwell, 2006 West St., Oakland. $5000

DWELLING
(2768) 974 SCOTT ST., Oakland. 1-sto. 5-room dwelling.
Owner—O. H. McCoon, 795 65th St., Oakland.
Architect—None. $4500

DWELLING
(2769) E WOODRUFF AVE. 255 N E-38th St., Oakland. 1-story 5-room dwelling.
Owner—R. Cormack, 391 43rd St., Oakland.
Architect—None. $4000

DWELLING
(2770) 675 SANTA RAY AVE., Oakland. 1-story 7-room dwelling.
Owner—Anna Kyle, 6107 Colby St., Oakland.
Architect—None. $6000

DWELLING
(2771) 2545 SIXTY-SEVENTH AVE., Oakland. 1-story 6-room dwelling.
Owner—Louis Saroni, 733 Battery St., San Francisco.
Architect—None.
Contractor—C. P. Pond, 6664 E-14th St., Oakland. $4000

DWELLINGS
(2772) 2469 HAVENSCOURT BLVD. 2439 2457 2463 SIXTY-SIXTH AVE., Oakland. 4 1-story 5-room dwlgs.
Owner—Louis Saroni, 733 Battery St., San Francisco.
Architect—None.
Contractor—C. P. Pond, 6664 E-14th St., Oakland. $3200 each

FLATS
(2773) S BROOKHURST 200 W Grove, Oakland. 2-story 12-room flats.
Owner—C. E. Garrison, 780 32nd St., Oakland.
Architect—None.
Contractor—Oliver Legault, 96 Mortel St., Oakland. $8000

DWELLING
(2774) 1712 SIXTY-EIGHTH AVE., Oakland. 1-story 5-room dwelling.
Owner—Blanche Binkley, 5828 Foothill Blvd., Oakland.
Architect—None.
Contractor—C. P. Pond, 6664 E-14th St. Oakland. $3200

DWELLING
(2775) SE COR. ONE HUNDREDTH Ave. and Dante, Oakland. 1-story 5-room dwelling.
Owner—B. Crokarets, 10025 Voltaire St., Oakland.
Architect—None.
Contractor—S. J. Pearson Co., 1501 39th Ave., Oakland. $3500

DWELLING
(2776) 681 SPRUCE ST., Oakland. 1-story 6-room dwelling.
Owner—T. C. Schwartz, 1117 34th St., Oakland.
Architect—None.
Contractor—C. P. McCoy, 4314 View St., Oakland. $4000

DWELLINGS
(2777) N E-TWENTY-FIRST ST. 105 140 175 210 245 W 17th Ave., Oakland. 5 1-story 4-room dwellings.
Owner—Max Bacher, 1522 Franklin St., Oakland.
Architect—None. $2000 each

DWELLING
(2778) 1215 SIXTY-FIRST AVE., Oakland. 1-story 4-room dwelling.
Owner—A. R. Benson, 3115 Brookdale Ave., Oakland.
Architect—None. $2600

DWELLING
(2779) SE COR. SEMINARY & HOLway, Oakland. 1-story 8-rm. 2-fam. dwelling.
Owner—M. Page, 2060 55th Ave., Oakland.
Architect—None. $5000

DWELLING
(2780) 1830 NINETY-FOURTH AVE., Oakland. 1-story 5-room dwelling.
Owner—Tas. D. Johnstone, 1810 94th Ave., Oakland.
Architect—None. $3000

DWELLING.
(2781) LOT 43. BLK. C Map, East Piedmont, Oakland. All work for dwelling.
Owner—Eva A. & George H. Brown, 5532 Marshall St., Oakland.
Architect—None.
Contractor—S. Damgaard, 1352 89th Ave., Oakland.
Filed, June 12, '23. Dated May 30, '23.
Frame up ..... ¼
Brown coated ..... ¼
Completed and accepted ..... ¼
Usual 35 days ..... ¼
TOTAL COST, $5000
Bond, none; Sureties, none; Forfeit, none; Limit, none. Plans and specifications, none.

DWELLING.
(2782) LOT 17, BLK. 9, LAKEMONT Tract, Oakland. One-story dwelling except concrete work.
Owner—C. F. Anderson, 3350 Broadway, Oakland.
Architect—None.
Contractor—Leo L. Nichols, 922 East 24th St., Oakland.
Filed June 11, '23. Dated Mar. 27, '23. As work progresses.
TOTAL COST, $5317
Bond, none; Sureties, none; Forfeit, none; Limit, none. Plans and specifications filed.

PAVING.
(2783) U. C. GROUNDS, Berkeley. Paving.
Owner—Regents of U. C.
Architect—None.
Contractor—Oakland Paving Co., 5000 Broadway, Oakland.
Filed June 11, 1923. Dated, May 24, 1923
First day of each month..... 75%
Usual 35 days after completed and accepted 25%
TOTAL COST, $12,334.63
Bond, $6200; Sureties, Auson S. Blake & Clem W. Rogers; Forfeit, $25 day; Limit, 60 days. Plans and specifications filed.

ADDITIONS TO DWLG.
(2784) 87TH AVE., Oakland. Addition to dwelling except painting and papering.
Owner—T. A. Boye, Premises.
Architect—None.
Contractor—J. F. Brown, 1920 Seminary Ave., Oakland
Filed, June 11, '23. Dated, May 1, '23.
Frame up $372
Plastered 400
Completed 400
All bills paid 400
TOTAL COST, $1572
Bonds, none; Sureties, none; Forfeit, none! Limit, 60 days from June 15. Plans filed.

DWELLING
(2785) 379 HUDSON ST., Oakland. 1½-story 6-room dwelling.
Owner—Oscar Watson, 5401 Taft Ave., Oakland.
Architect—None.
Contractor—S. L. Stuart, 831 16th St., Oakland. $5000

DWELLING
(2786) 1209 ST. CHARLES ST., Alameda. 1-story 6-room dwelling.
Owner—William J. Kelly, 269 Hanover Ave., Oakland.
Architect—None. $6000

ADDITION
(2787) 1312 OAK ST., Alameda. Addition.
Owner—F. F. Anderson, 3010 E-29th St. Oakland.
Architect—None. $1000

DWELLING
(2788) 2042 CENTRAL AVE., Alameda 1-story 5-room dwelling.
Owner—John Rymer, 1324 Webster St., Alameda.
Architect—None.
Contractor—F. A. McCausland, Richmond. $5000

DWELLING
(2789) 1119 & 1115 SPRUCE ST., Berkeley. 2 1-story 6-room dwellings.
Owner—Eugene Klyce, Berkeley.
Architect—None.
Contractor—G. R. Heath, 2113 University Ave., Berkeley. $4400 each

GARAGE & ALTERATION
(2790) 2730 BELROSE AVE., Berkeley. Garage and alteration.
Owner—Harrison Robinson.
Architect—None.
Contractor—P. A. Muller, Syndicate Bldg., Oakland. $1200

DWELLING
(2791) 1415 EDITH ST., Berkeley. 2-story 6-room dwelling.
Owner—P. E. Marquis.
Architect—None. $4000

DWELLING
(2792) 2332 JEFFERSON, Berkeley. 1-story 5-room dwelling.
Owner—R. D. Felt, 1728 Channing Way, Berkeley.
Architect—None. $2400

DWELLING
(2793) 1565 POSEN, Berkeley, 1-story 6-room dwelling
Owner—R. Sanford, 675 Calmar Ave., Oakland
Architect—None
Contractor — Leo J. Dolan, Syndicate Bldg., Oakland. $4980

DWELLING
(2794) 1508 HAWTHORNE, Berkeley. 2-story 7-room dwelling.
Owner—Lawrence M. Price.
Architect—None
Contractor—Mason McDuffie Co., Shattuck & Addison, Berkeley. $5500

DWELLING
(2795) 1417 SCENIC AVE., Berkeley. 1-story 4-room dwelling.
Owner—Harold L. Bruce.
Architect—None.
Contractor—Wm. Kat, 2430 Humboldt Ave., Berkeley. $5000

DWELLING
(2796) NO. 955 KINGSTON AVE., Piedmont. One-story 5-room dwelling and garage.
Owner—Mrs. Eleanor Middleton, 2335 Broadway, Piedmont.
Architect—None.
Contractor — F. Harris, 461 28th St., Oakland $3800

DWELLING
(2797) NO. 947 KINGSTON AVE., Piedmont. One-story 5-room dwelling and garage.
Owner—F. W. Haug, 459 28th St., Oakland.
Architect—None. $3800

DWELLING
(2798) NO 144 MAGNOLIA AVE., Piedmont One-story 6-room dwelling and garage.
Owner—Wm. F. Pfeiffer, 6116 Hillegas Ave., Oakland.
Architect—None. $5200

DWELLING
(2799) NO. 206 PACIFIC AVE., Piedmonth. One-story 5-room dwelling and garage. 1-story steel garage.
Owner—J. W. Scammell, 206 Mountain Ave., Piedmont.
Architect—None. $5300

DWELLINGS
(2800) NO. 84 AND 86 FAIRVIEW Ave., Piedmont. Two one and one-half-story 7-room dwellings and garages.
Owner — Edward Larmer, 90 Fairview Ave., Piedmont.
Architect—None $5200 each

DWELLING
(2801) NO. 1090 WINSON ST., Piedmont. One-story 6-room dwelling and garage.
Owner—Leo J. Dolan, Syndicate Bldg., Oakland.
Architect—None. $5500

DWELLING
(2802) S FAVOR ST. 300 W 73rd Ave., Oakland. 1-story 4-room dwelling.
Owner—E. M. Merithew, 769 14th St., Oakland.
Architect—None.
Contractor—F. H. Merithew, 7035 Favor St., Oakland. $2000

DWELLING
(2803) W SEMINARY AVE. 160 S Tevis St., Oakland. 1-story 5-room dwelling.
Owner—Peter Rageir, 1502 33rd Ave., Oakland
Architect—None.
Contractor—John A. McCormick, 1182 58th Ave., Oakland. $2500

DWELLING
(2804) NE COR. FLORA ST. AND Havenscourt Bldd., Oakland. 1-sto. 5-room dwelling.
Owner—J. Cassow, 513 Clay St., Oakland.
Architect—None.
Contractor—Jos. Flittner, 1700 35th Ave Oakland. $4000

STORES
(2805) S BOND 40 E Fairfax, Oakland 1-story frame stores.
Owner—V Santi, Hass Ave., San Leandro.
Architect—None
Contractor—Hauri & Wierk, 822 56th St Oakland. $5000

STORES
(2806) NW COR THIRTY-FOURTH & Telegraph, Oakland. 1-story 2-rm. stores.
Owners—Emile H. Buhs and Walter T. Hall, 201 El Cerrito Ave., Piedmont.
Architect—None.
Contractor—J. Chester Ballard, 2628 13th Ave., Oakland. $2500

DWELLING
(2807) 2450 SIXTY-THIRD AVE., Oakland 1-story 4-room dwelling.
Owner—Bertha Asterfurn, 1617 8th St. Alameda.
Architect—None.
Contractor—F. P. Wells, 4034 Porter St. Oakland. $3075

DWELLING
(2808) E FORTY-FIFTH AVE. 240 N E-14th St., Oakland. 1-story 5-rm. dwelling.
Owner—J. N. Stanley, 1436 45th Ave., Oakland.
Architect—None.
Contractor—J. A. Stanley, 1436 45th Ave Oakland. $3500

ALT. & REPAIRS
(2809) 3981 PIEDMONT AVE., Oakland. Alteration and repairs.
Owner—Taylor W. Bell, 1706 Broadway, Oakland.
Architect—None. $1000

DWELLING
(2810) 2427 SIXTY-SEVENTH AVE., Oakland. 1-story 5-room dwelling.
Owner—W. A. Croll, 67th Ave., Oakland
Architect—None.
Contractor—E. L. Dashill, 1666 67th Av. Oakland. $3000

DWELLING
(2811) E SEMINARY 250 S Tevis, Oakland. 1-story 5-room dwelling.
Owner—C. E. Elkins, 561 8th St., Oakland.
Architect—None. $2000

GARAGE
(2812) S E-TWELFTH ST., Oakland. 1-story steel garage.
Owner—P T & T Co., 1673 Mission St., San Francisco.
Architect—None.
Contractor—Truscon Steel Co., Gunst Bldg., San Francisco. $3500

DWELLING
(2813) 6706 MESSABA ST., Oakland. 1-story 4-room dwelling.
Owner—H. T. Holmes, 1840 39th Ave., Oakland.
Architect—None. $2100

POWERHOUSE
(2814) S E-FOURTEENTH ST. OPP. 55th Ave., Oakland. 2-story brick radio broadcasting station and 1-story 5-room powerhouse.
Owner—General Electric Co., 5441 E-14th St., Oakland.
Architect—None.
Contractor—The Foundation Co., 58 Sutter St., S. F. $39,000

DWELLING
(2815) LOT 1, BLK 8 Map Havenscourt, Oakland. One-story 5-room dwelling
Owner—J. Cassau, 513 Clay St., Oakland.
Architect—Paul La Vergne.
Contractor—Jos. Flittner, 1700 35th Ave., Oakland.
Filed June 13, '23. Dated June 12, '23.
Frame up $1350
Brown coated 1000
Completed and accepted 1000
Usual 35 days 1000
TOTAL COST $4350
Bond, none; Sureties, none; Forfeit, $5 day; Limit, 70 days from June 15; Bonus, $2 day. Plans and specifications filed.

DWELLING.
(2816) E. HIGH ST., 33 1/3 N Adams St., 33 1/3 x 100, Alameda.
Owner—John B. and Florence B. Slater, 3205 Sterling Ave., Alameda
Architect—None.
Contractor—Julius J. Grodem, 291 Santa Clara Ave., Alameda.
Filed June 13, '23. Dated June 12, '23.
Enclosed ..... ¼
Brown coated ..... ¼
Completed and accepted ..... ¼
Usual 35 days ..... ¼
TOTAL COST $3500
Bond, none; Sureties, none; Forfeit, $15.00 day; Limit, 150 days. Plans and specifications, none.

DWELLING
(2816) 1120 HIGH ST., Alameda. 1-story 5-room dwelling.
Owner—John B. Slater, 3205 Sterling Ave., Alameda.
Architect—None.
Contractor—J. J. Groden, 2901 Santa Clara Ave., Alameda. $3000

SOCIAL HALL & GYM.
CENTRAL AVE & OAK ST., Alameda. 2-story social hall and gym.
Owner—First M E Church, Central Ave. cor. Oak, Alameda.
Architect—Henry H. Meyers, Kohl Bldg
Contractor — T. A. Cuthbertson, 4101 Park Blvd., Oakland. $22,000
NOTE—Recd contract June 1, 1923, No. 2600.

DWELLING
GRAND ST. & PALMERO COURT, Alameda. 2-story 7-room dwelling.
Owner—L. W. Lovey, 1817 San Antonio Ave., Alameda.
Architect — Hamilton Murdock, 425 Kearny St., San Francisco.
Contractor—McIntosh Bros., 1020 San Antonio Ave., Alameda. $9700

COMPLETION NOTICES

ALAMEDA COUNTY.

Recorded Accepted
June 7, 1923—NO. 521 MORAGA RD., Piedmont. William King to G W Eliassen .....June 7, 1923
June 7, 1923—N HOLWAY 312 E Seminary Ave on 2 lots 39x90 each, Oakland. K A Johanson to whom it may concern.....June 6, 1923
June 7, 1923—N HOLWAY 195 E Seminary Ave on 2 lots 39x90 each, Oakland. Chas. W. Lindquist to whom it may concern.....June 6, 1923
June 7, 1923—S HOLWAY 228 W Sixty-second Ave 36x100, Oakland. G C Dickerman to whom it may concern.....June 4, 1923
June 7, 1923—LOTS 20, 21 AND 41, Blk 3, Hollywood, San Leandro. S Victor Dandow to R E Neikerk.....June 7, 1923
June 7, 1923—LOT 137 BLK 19,* Havenscourt Addition, Oakland. Lovina Grigsby to Dimond Home Builders.....June 5, 1923
June 7, 1923—PTN LOTS 5 AND 6 Amended Map Rhoda Tract Oakland. Chas V Fernstrom to whom it may concern.....June 2, 1923
June 6, 1923—W 33-6 of E 68 Lot 1, Map Webster Heights, Oakland. W A Walker to whom it may concern—
June 8, 1923—2118 62ND AVE, Oakland. R. L. Owen to whom it may concern .....June 6, 1923
June 8, 1923—NW 19 LOT 4 & SE 19 Lot 5 Blk 23 Map Boulevard Park, Oakland. Bessie Clarke to N. B. Clarke .....June 2, 1923
June 8, 1923—2508 & 2512 PARKER St & 2601 & 2605 & 2607 Regent St., Berkeley. W. A. Porter to D. T. Blethroad .....June 7, 1923
June 8, 1923—N DAMUTH ST 250 E Lincoln Ave. R. A. MacKerricher to N. B. Wilson .....May 12, 1923
June 9, 1923—S LINCOLN AVE 320 W Eighth W 35xS 135, Alameda. Mary A Kane by Martin Allan to Martin Allan.....June 7, 1923
June 9, 1923—NW FORTY-FOURTH and Webster, Oakland. C and August D and Amanda T Rinkel to R L Robins.....June 9 1923
June 11, 1923—NO. 3724 LYON AVE., Oakland. J Drost to whom it may concern.....June 9, 1923
June 11, 1923—NE E-FOURTEENTH 60 SE 39th Ave SE 77xNE 140, Oakland. A Tonjes to C Roth, June 7, '23
June 11, 1923—LOT 12 BLK "D" Northbrae Business Property, Berkeley. J W Krafft to whom it may concern.....June 9, 1923
June 11, 1923—E PARK AVE 159-9" S Central Ave S 150xE 160, Alameda. Max Claussenius to Harry C Knight.....June 8, 1923
June 11, 1923—LOT 16 BLK 2, Map East Piedmont Heights Extn, Oakland M Felgenberg to whom it may concern.....June 8, 1923
June 11, 1923—LOTS 46 AND 47 BLK 8, Lakeshore Highlands, Oakland. Mary E Smith to Gordon Wiser.....April 10, 1923

June 11, 1923—LOT 3 Barnes Addition to Elmwood Park Blk 1565, Berkeley. J M Evans to C A Gossett.....June 9, 1923
June 11, 1923—LOT "B" BLK 1, Martin Kellogg Pty, Berkeley. Mrs. J O Davis to H P Nelson.....June 7, 1923
June 11, 1923—LOTS 5 AND 6 BLK 17 Map San Antonio Tract, Oakland Antonio and Anicla Niewinski to John Lindquist.....June 9, 1923
June 12, 1923—LOT 23 BLK 3 4th Ave Heights, Oakland. Edna A Tuchock to H L Houck.....June 1, 1923
June 12, 1923—N FAIRVIEW AVE 90 NE Arbor Drive 40x100, Piedmont. Maud Boyd to whom it may concern.....June 12, 1923
June 11, 1923—LOT 4 BLK "A" and Lot 6 Blk "B" Rose Knoll, Berkeley. P E Marquis to whom it may concern.....June 8, 1923
June 11, 1923—NO. 3350 JORDAN RD., L E Craig to whom it may concern.....June 1, 1923
June 11, 1923—PTN LOT 3 BLK "B" Map De Wolf Tract, Oakland. Emma Brennan to Jos Flittner.....June 11, 1923
June 13, 1923—E 38TH AVE., 50 N Agua Vista 40x120, Oakland. J. W. Sigwald to whom it may concern.....June 13, 1923
June 13, 1923—SW COR 38TH AVE & Lyon Ave. 46.97x110, Oakland. J. W. Sigwald to whom it may concern.....June 13, 1923
June 13, 1923—LOT 3 MAP WINfield Place, Berkeley. A. Makower by Florence Gray Shapero to D. R. Stracham.....June 13, 1923
June 13, 1923—LOT 6 HIGGINS Tract, Berkeley, owner, Philip and Lenora Duval to whom it may concern.....June 13, 1923
June 13, 1923—463 41ST, Oakland. Mary D. Kurtz to F. A. Kurtz.....June 1, 1923
June 13, 1923—PTN LOTS 41 & 42 Map Crocker Highlands, Oakland. M. T Bracken to H C Andresen.....June 11, 1923

LIENS FILED

ALAMEDA COUNTY

Recorded Amount

June 7, 1923—LOTS 10 AND 11 BLK "W" Amended Plan of Decoto Decoto Sunset Lumber Co vs Victor and Flora Silva.....$573.15
June 7, 1923—NO. 312 NEWTON AV., Oakland. Advance Electric Co vs Ida M Cox and Van Doren & Van Doren.....$78.49
June 7, 1923—LOT 294 BLK 4598 Map Madison Sq., Oakland. Sunset Lumber Co vs John and I Buhler and S Weddnar.....$113.63
June 9, 1923—S BROOKDALE AVE 93 E Fruitvale Ave E 40xS 71, Oakland. Melrose Lumber & Supply Co vs A J and Margaret Agrella.....$12.59
June 12, 1923—NE E-EIGHTEENTH and SE Park Blvd SE 165xNE 100, Oakland California Steel Products Co vs J Kalitsas and F L Warner.....$120
June 13, 1923—NE E-18 ST & SE Park Blvd SE 100 NE 100, Oakland Otis Elevator Co. vs. D. P. Kalitsis and George A. Williams.....$2600

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded Amount

June 7, 1923—SE SUNNYSIDE DR 483 NE E-Fourteenth NE 40 SE 179.89 SW 40 NW 179.92, San Leandro. Swift & Co to Darling Harding Co.....$207.40
June 8, 1923—NW COR DELAWARE St & McGee Ave W 85 N 100, Hogan Lumber & Mill Co. to Charles E. Arthur.....$429.20
June 9, 1923—NW DELAWARE AND McGee Ave W 50xN 60, Berkeley. Mark-Lally Co to Fannie M and Charles E Arthur.....$98.55
June 9, 1923—NW DELAWARE AND McGee Ave W 85xN 100, Berkeley. Petrium Sanitary Sink Co to C E and Fannie M Arthur.....$47
June 13 1923—N TALBOT ST. 150 W Dartmouth. Albany W. S. Cooper to Lou & Cora M. Smith.....$42.50

Notice of Non-Responsibility

ALAMEDA COUNTY

June 9, 1923—LOT 164 Resubdvn Blk "D" Meek Estate Orchards, Eden Tp. H W Meek Estate, Inc as to improvements on property.....
June 9, 1923—LOT 67 Resbdvn Blk "C" Meek Estate Orchards, Eden Tp. H W Meek Estate, Inc as to improvements on property.....

BUILDING CONTRACTS

SACRAMENTO COUNTY

$2,500 and Over Reported

DWELLING, one-story 6-room, $3160; No. 3016 N St, Sacramento; owner, J. Stewart, 3030 N St., Sacramento; contractor, R. W. Dobson, 2109 55th St., Sacramento.
DWELLING, one-story 5-room and garage, $3600; No. 2401 D St., Sacramento; owner, C. Valine, P. O Box, 370, Sacramento.
DWELLING, one-story 6-room and garage, $4750; No. 3440 H St., Sacramento; owner, E. Mackey, 601 Nicolaus Bldg., Sacramento.
DWELLING, one-story 5-room and garage, $3250; No. 2132 Gerber Ave., Sacramento; owner, L. Millspaugh, 3770 4th Ave., Sacramento; contractor, Paul & Millspaugh, 3770 4th Ave., Sacramento.
DWELLING, one-story 4-room and garage, $2500; No. 2220 C St; owner, C. Valine, P. O. Box 370, Sacto.
REMODEL flats, $4000; No. 1508 Q St., Sacramento; owner, John Norton, 1508 Q St., Sacramento; contractor, J. Colman, 1511 O St., Sacramento.
ALTERATIONS and additions, $2500; No. 1329 4th St., Sacramento; owner, Hanoche Estate Co., Prem.; contractor, Holdener Constr. Co., 2608 R St., Sacramento.
DWELLING, one-story 6-room and garage, $5200; No. 2164 Portola Way, Sacramento; owner, Fred Harris, 15th and L Sts. Sacramento; contractor, M. A. Fratis, 1728 S St., Sacramento.
AUDITORIUM, 3-story brick, $60,000; 907-15 6th St., Sacramento; owner, E. L. Kripp, 925 6th St., Sacramento contractor, G. E. Harvie, 2212 T St. Sacramento.
DWELLING, 1-story 5-room frame, and garage, $3000; 2514 26th St., Sacramento; owner, M. S. Pine, 131 Riverside Road, Sacramento; contractor, F. M. Corey, 1723 F St., Sacramento.
FLAT BLDG., 2-story (4), and garage, $11,000; 924 38th St., Sacramento; owner, Mrs. Anita Rushing, 812 J St., Sacramento; contractor, W. R. J St., Sacramento; 2614 1 St., Sacramento.
FLAT BLDG., 2-story (4), $10,500; 2601 H St., Sacramento; owner, Mrs. John Malivious, 2431 P St., Sacramento; contractor, E. R. Beebe, 916 38th St., Sacramento.
ALTER & ADD to school, $23,727; 3300 Franklin St., Sacramento; owner, Sacramento City School Dist.; contractor, Campbell Constr. Co., 601 Nicolaus Bldg., Sacramento.
DWELLING, 1-story 5-room, $3750; 832 42nd St., Sacramento; owner, L. M. McAlpine, 1818 H St., Sacto.; contractor, R. P. Opdyke, 1009 7th Ave. Sacramento.

PIERCE-BOSQUIT
Abstract & Title Co.
Capital Stock $100,000
Sacramento, Placerville, Nevada City, Reno
SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

DWELLING, $2-story 7-room, $6400; Owner, Mrs. Edw. Welda, 2007 J St., Sacramento; contractor, E. B. Beebe, 916 38th St., Sacramento.
DWELLING, 1-story 5-room, and garage, $3400; 2968 32nd St., Sacramento; owner, J Edenhofer, 3300 2nd Ave., Sacramento.
DWELLING, 1-story 6-room, and garage, $7000; 2926 25th St., Sacramento; owner, J. W. & M. L. Roberts, 2104 M St., Sacramento; contractor, F. Maloney, 3172 T St., Sacramento.
DWELLING, 5-room, $2800; 2224 23rd St., Sacramento; owner, F. L. Terra 1712 W St., Sacramento.

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

$2,500 and Over Reported

RESIDENCE, $3700; 1225 West Elm, Stockton; owner, S. E. Bush, 1143 N Center St., Stockton.
RESIDENCE, $7000; 1144 East Lafayette, Stockton; owner, Jas. Sanguinetti, 315 S Pilgrim St., Stockton.
REMODEL, $2600; 506 East Church, Stockton; owner, J. L. Murphy, 811 East Church St., Stockton.
RECONSTRUCT Burnett Apts., $25,000; 135 East Magnolia, Stockton; owner, A. L. Lissner & C. W. Iverson, Hotel Turpin, San Francisco.

LIENS FILED

SAN JOAQUIN COUNTY

Recorded Amount

June 9, 1923—LOTS 21 22 23 BLOCK 58 Tracy, Santa Fe Lumber Co., Inc vs. Wm. Oohrs, Chas. Fraler, Jas. Kelly, Thos. H. Kelly & Martin Ansbro.....$824.42

BUILDING CONTRACTS

FRESNO COUNTY

$5,000 and Over Reported

ALTER & ADD., $6000; 1406 Broadway, Fresno; Lessee, M. D. Herman, St. Andrews Apts., Fresno; contractor, Chas. M. Hall, 808 Wilson, Fresno.
DWELLING, $9500; No. 933 Vassar St., Fresno; owner, John G. Porter, 925 Cambridge St., Fresno.
DWELLING and garage, $6000; No 602 McKenzie Ave., Fresno; owner, Walter B. Burton.
DWELLING and garage, $7500; No. 1274 Van Ness Ave., Fresno; owner, S. Greenberg, 604 Roosevelt Ave., Fresno; contractor, J. R. Church, 221 North U St., Fresno.

COMPLETION NOTICES

FRESNO COUNTY

Recorded Accepted

June 7 1923—BLK 1, Fresno Hights, Fresno. Mary E Beuton to whom it may concern.....June 28, 1923
June 12, 1923—LOTS 30 31 BLOCK 2 Avendale, Fresno. S. L. Allen to whom it may concern ..June 11, 1923
June 12, 1923—LOTS 4 TO 8 BLOCK 91, Fresno. Amelia Henninghaus et al to Davis Heller Pearce Co.....June 6, 1923
June 12, 1923—LOT 41 ARLINGTON Tract, Fresno. Julius H. Miller to whom it may concern...June 9, 1923
June 12, 1923—LOT 6 S 15 FT. LOT 7 Blk B Bours Tract, Fresno. A. F. Roberts to O. H. Chain..June 6, 1923
June 12, 1923—LOTS 9 10 BLOCK 12 North Stockton, Fresno. Harold R. Hoff to whom it may concern.....June 9, 1923
June 8, 1923—LOTS 15 AND 46 BLK 9, Sierra Vista Addition, Fresno. F A Hornig to whom it may concern.....June 2, 1923
June 8, 1923—LOTS 13 AND 14 BLK 5, New High School Addition, Fresno. Jos Hayes et ux to E B Milnor.....April 1, 1923
June 8, 1923—LOT 9 S ½ LOT 8 BLK 1, Copeland Addition, Fresno. C L Dart to whom it may concern.....June 7, 1923

June 8, 1923—LOTS 1 AND 2 BLK 12 North Calwa Addition, Fresno. C L Connacher to whom it may concern.....June 7, 1923
June 8, 1923—LOTS 34 AND 35 BLK 12, Roeding Addition, Fresno. C H Fries to whom it may concern.....June 7, 1923
June 9, 1923—LOTS 1 TO 6 BLK 81, Fresno. Sun Maid Hotel Co to Paul Kindler.....June 8, 1923
June 9, 1923—LOTS 27 AND 28 BLK 2, High Add'n., Fresno. J A Schlotthauer to whom it may concern.....June 8, 1923
June 9, 1923—LOTS 27 AND 28 BLK 1, Oakwood. John Kerns to whom it may concern.....June 8, 1923
June 9, 1923—LOTS 5 AND 6 High Addition Annex No. 1, Fresno. Ella D Scott to whom it may concern.....June 9, 1923
June 9, 1923—LOTS 28 AND 29 BLK 3, Torrance Terrace, Fresno. Watkins & Deardorf to whom it may concern.....June 9, 1923
June 9, 1923—LOTS 33 AND 34 BLK 2, Lots 20 and 21 Blk 3, Torrance Terrace, Fresno. N E Deardorf to whom it may concern..June 9, 1923
June 9, 1923—E 50 FT. LOT 3, Hazelwood. Manoog Manooglan to whom it may concern.....June 7, 1923

LIENS FILED

FRESNO COUNTY

Recorded Amount
June 8, 1923—LOTS 5 AND 6 High Addition Annex No. 1, Fresno. F O Malmquist, $41; C H Hartman, $65; R S Phillips, $118; J H Whitt, $32 vs Ella D and John L Scott.....
June 9, 1923—LOTS 45 AND 46, Friebard Place Fresno. Sunset Lumber Co vs Progress Bldg & Inv Co, J C and E H Friebard.....$467
June 9, 1923—LOT 10 BLK 47, Sierra Vista Tract, No. 2, Fresno. T O Paint Store vs Herbert [illegible] Peterson.....$63
June 9 1923—LOTS 20 AND 21 BLK 1 Forthcamp Addition No 2, Fresno. Rout Lumber Co vs Bert Maggetti and Sam Sale.....$228

BUILDING CONTRACTS

SANTA CLARA COUNTY

$1,000 and Over Reported

MAYFIELD. All work except painting, plumbing, electrical work and heating for frame and stucco grammar school.
Owner—Mayfield Gramma Sch of Dist Mayfield Calif.
Architect—Henry C Smith, Hallidie Bank Bldg, San Francisco.
Contractor—John E Branagh 184 Perry St., Oakland
Filed June 3, 23. Dated May 29, '23.
As work progresses.....25%
Usual 35 days.....25%
TOTAL COST $15,7[illegible]8
Two Bonds, $23,00 each. Sureties John Dudfield and Joseph A Jury. Limit, Nov. 1, 1923. Forfeit, none. Plans and specifications filed.

PAINTING ON ABOVE.
Contractor—Emil Solve, Mayfield
Filed June 2 '23 Dated May 31, '23.
Payments same as above.....
TOTAL COST, $2250
Two Bonds, $1200 each. Surety Maryland Casualty Co. Limit, Nov. 1, 1923. Forfeit, none. Plans and specifications filed.

ELECTRICAL WORK ON ABOVE.
Contractor—M. E. Ryan, 152 Tehama St., San Francisco.
Filed June 2, '23 Dated May 31, '23.
Payments same as above.....
TOTAL COST, $2217
Two Bonds, $1200 each. Surety, Fidelity & Deposit Co. of Maryland. Limit Nov. 1, 1923. Forfeit, none. Plans and specifications filed.

PLUMBING ON ABOVE.
Contractor—A. J. Silva, 504 Gough St., San Francisco.
Payments same as above.....
TOTAL COST, $3970
Two Bonds, $2000 each. Sureties, G. B. Cangarelli and L. M. Caruslo. Limit, Nov 1, 1923. Forfeit, none. Plans and specifications filed.

HEATING ON ABOVE.
Contractor—Jas A. Nelson, Inc., 517 6th St., San Francisco.
Filed June 2, '23. Dated May 31, '23.
Payments same as above.....
TOTAL COST, $5923
Two Bonds, $3000 each. Limit, Nov. 1, 1923. Forfeit, none. Plans and specifications filed.

RESIDENCE
PTN LOT 3 BLK 94, University Park (now Palo Alto). All work for one-story residence.
Owner—Anders A. and Lilly Ehnbom, Palo Alto.
Architect—None.
Contractor—Santa Clara Valley Bldg. Co., Palo Alto.
Filed June 2, '23. Dated May 3, '23.
Frame up.....$1212.50
Plastering finished..... 1212.50
When completed..... 1212.50
Usual 35 days..... 1212.50
TOTAL COST, $4850.00
Bond, $3000. Sureties, E. H. Helm and E H. Dean. Limit, 90 working days from May 3, 1923. Forfeit, none. Plans and specifications filed.

STORE
NW LOCUST AND SAN FERNANDO Sts., San Jose. All work except glazing, copper bars and electric wiring for one-story frame store.
Owner—Henry Guilbert, 105 Randol St., San Jose.
Architect—Charles S. McKenzie, Bank of San Jose Bldg., San Jose.
Contractor—H A. Bridges, Pine and Lincoln Sts., San Jose.
Filed June 2, '23. Dated May 31, '23.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, $12 175
Bond, $6500. Sureties, W. A McDonald and A B. Ross. Limit, 60 working days from June 2, 1923. Forfeit, none. Plans and specifications filed.

RESIDENCE
NE ROSANNA AND SECOND STS., Gilroy. All work for seven-room residence.
Owner—P. Camborde, Gilroy.
Architect—None.
Contractor—Wm Radtke, Gilroy.
Filed June 5, '23. Dated May 1, '23.
Frame up.....$1787.50
Rough plaster on..... 1787.50
Completed..... 1787.50
Usual 35 days..... 1787.50
TOTAL COST, $7150.00
Bond none. Limit, 60 working days May 1, 1923. Forfeit, plans and specifications none.

[illegible] HOUSE, 2-story (4), $15,000; SW Cor. St James and Eighth, San Jose; owner, Mrs. H. W. Rogers 207 N 2nd St., San Jose; architect, Wolfe & Higgins, Auzerais Bldg., San Jose.
COTTAGE, 5-room, $2200; 569 N Sixteenth, San Jose; owner, R. W. Abendroth, 564 N 16th St. San Jose.
COTTAGE 5-room, $3975; BIRD near Palm Haven, San Jose; owner, Albert Anthes; contractor, J. W. Martin, San Jose.
ALTER residence to apartments, $7000; San Fndo & 15th, San Jose; owner, J. Kocherd & L O'Neil; architect, Wolfe & Higgins, Auzerais Bldg., San Jose; contractor, Benj. Quidmet
COTTAGE, 5-room, $3500; Acacia near Popular, San Jose; owner, J. P. Isaksen.
ALTER FRONT, $1000; 920 S First, San Jose; owner, P. Donatelli, premises; contractor, Don. Contractors.
COTTAGE, 5-room, $3150; N 11th near Julian, San Jose; owner, G. W. Wilkinson, 371 N 11th St., San Jose;
COTTAGE, 4-room; $2800; Shortridge near 26th; owner, A. E. Flores Jr., San Jose.
HOUSE, 2-fam., $6000; Reed near 4th, San Jose; owner, B. Fowler; architect, Thos. J. Launin, 1st Nat. Bank Bldg., San Jose.
COTTAGE, 4-room, $3000; 18th near Julian, San Jose; owner, J. F. McCart, 37 W San Antonio.
COTTAGE, 4-room, $3150; Hollywood near Rose Ct., San Jose; owner, Arnold Webber; contractor, Main & Evans, 135 Hester St., San Jose.
COTTAGE, 4-room, $2200; Miller & Taylor, San Jose; owner, L. W. Howell.
COTTAGE, 4-room, $2500; 14 nr. Julian, San Jose; owner, F. L. Nicholson, 1st Natl. Kk. Bldg., San Jose; contractor, H. H. Horton.

ALTERATION of basement, $1000; 227 S First, San Jose; owner, Robinson & Son (Lessees), 227 S 1st St., S. J.; contractor, W. J. Bigger, 20th & Santa Clara Sts, San Jose.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Accepted
June 5, 1923—NW HOPKINS AND Newell Road, Palo Alto. Pacific Gas & Electric Co to Weeden Bros.....May 25, 1923
June 6, 1923—LOTS 28 AND 29 BLK 88, University Park, San Jose. Elmer R Stout to W M Bernard.....June 1, 1923
June 6, 1923—LOTS 13 AND 14 J. M. Nelson's Nob Hill Sub., San Jose. L C Shank and Etta R U Taylor to Willmott Bros.....June 5, 1923
June 6, 1923—LOTS 8 AND 9 BLK 2, Rose Lawn, San Jose. Martin Volkmann to whom it may concern.....June 6, 1923
June 7, 1923—LOTS 7 AND 8 BLK 9 Sunnyside Addition, Mayfield. Andrew and Gemma Ferini to whom it may concern.....May 17, 1923
June 8, 1923—LOT 12 BLK 6, Hanchett Residence Park, San Jose. P T Jorgensen to whom it may concern.....June 7, 1923
June 8, 1923—LOT 16 BLK 12, Rose Lawn, San Jose. A V Lane to whom it may concern.....June 7, 1923
June 8, 1923—LOT 13 Cole Realty Co. Sub, San Jose. L E Rossi to whom it may concern.....June 8, 1923
June 8, 1923—LOT 12 Cole Realty Company's Sub, San Jose L C Rossi to whom it may concern.....June 8, 1923

LIENS FILED

SANTA CLARA COUNTY

Recorded Amount
June 7, 1923—6.207 ACRES Situate in Town of Los Gatos. Antone Megna and John S Newell vs Maud E and Chester Martin.....$3977.76
June 8, 1923—LOTS 7 AND 8 BLK 9, Sunnyside Addition, Mayfield. Sterling Lumber Co vs Andrew and Gemma Ferini.....$669.37

BUILDING CONTRACTS

SAN MATEO COUNTY

BUNGALOW
LOT 10 BLK 34 LYON & HOAG, Burlingame. All work for 1-story bungalow.
Owner—J. P. Nielsen, 501 San Mateo Ave., San Mateo.
Architect—None.
Contractor—D. F. Valentin, 19 Bancroft Ave., Burlingame.
Filed June 8, 1923. Dated April 25, 1923.
Framed.....$750
Brown coated..... 750
Completed and accepted..... 750
Usual 35 days..... 750
TOTAL COST, $3000
Bond, Sureties, none; Forfeit, $1; Limit, none; Plans and specifications filed.

GARAGE
ATHERTON, Calif. All work for garage
Owner—Minnie C. Kunst, Atherton.
Architect—None.
Contractor—Ben C. Zimmerman, 797 Arguello Ave., Redwood City.
Filed —. Dated—.
Completed and accepted.....$287.50
Usual 35 days..... 237.50
TOTAL COST, $575
Bond, Sureties, Forfeit, Limit, none; Plans and specifications filed.

COTTAGE
PART LOT 47 BLK 9 SCHOOL HOUSE Extension Land Assoc., Colma. All work for 5-room cottage.
Owner—F. Pasero, Colma.
Architect—None.
Contractor—Vitorio Pera, Colma.
Filed June 8, 1923. Dated June 5, 1923.
Roofed.....$1400
Brown coated..... 1400
Completed and accepted..... 1400
Usual 35 days..... 1400
TOTAL COST, $$5600
Bond, $2200; Sureties, A. V. Beronio & L. Beronio; Forfeit, none; Limit, 120 wk days; Plans and specifications filed.

BAKERY
LOT 7 BLK 125 SOUTH SAN FRANCISCO. All work for 2-story concr. store and bakery and apt. above.
Owner—V. Boide & B. Damele, So. S. F.
Architect—F. L. Norlure, 593 Market St.
Contractor—U. Fillipp & G. Christina as Fillipp & Cristina, 269 24th Ave. San Francisco.
Filed —. Dated, June 6, 1923.
Form to 2nd story.....$5481
Conc. to 2nd floor 5481
Concrete poured 5481
Plastered 5481
Completed and accepted..... 5481
Usual 35 days 9135
TOTAL COST, $36,540
Bond, $18,272.50; Sureties, United States Guaranty Co.; Forfeit, none; Limit, 100 wk. days; Plans and specifications, none.

BUNGALOW
PART LOT 24 BURLINGAME HTS Tract, Burlingame, Cal. All work for 1-story bungalow and garage.
Owner—Annie Atkins, Burlingame.
Architect—D. M. H. Atkins, 1433 Floribunda, Burlingame.
Contractor—T. J. Bradnich, 1528 Cypress, Burlingame.
Filed June 11, 1923. Dated June 9, 1923.
Framed $1000
Plastered 1000
Completed and accepted 1000
Usual 35 days 952
TOTAL COST, $3952
Bond, Sureties, Forfeit, none; Limit, on or before Aug. 20, 1923; Plans and specifications filed.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded Accepted
June 6, 1923—LOT 5 BLK 4, Easton, Burlingame. C J Galloway to John R Lindsay.....June 5, 1923
June 6, 1923—LOT 4 BLK 14, Dingee Park, Redwood City. Paul A McCarthy to Louis M Pollard.....May 28, 1923
June 7, 1923—LOT 30 BLK 1, Burlingame Terrace No. 2, Burlingame. D Houle to whom it may concern.....June 4, 1923
June 7, 1923—W ½ LOT 6 BLK 125 South San Francisco. S and Dora M Nieri to M E Greene..May 29, 1923
June 8, 1923—LOT 23 BLK 42 Easton No. 2, San Mateo. Roy E. Gordon, Roy & J. E. Allen to whom it may concern .....June 4, 1923
June 8, 1923—LOT C SUB 3 SAN MAteo Park, San Mateo. Florence H. and Charles N. MacMahon to Praspo Bau.....May 2, 1923
June 8, 1923—NE 73 FT STS 4 & 5 B 21 Easton No. 2, Burlingame. Gerhard Burns to whom it may concern .....June 1, 1923
June 11, 1923—LOT 5 BLK 43 Easton No. 3 Burlingame. J. Howard to Thomas N. Gisso.....June 7, 1923
June 12, 1923—PTN LOTS 10 AND 11 Blk 10, Mission St. Land Co. Homestead Realty Co to whom it may concern.....June 5, 1923

RELEASE OF LIENS

SAN MATEO COUNTY

Recorded Amount
June 11, 1923—NTHLY SIDE NINTH Ave 391 off from Lurel, San Mateo. Wisnom Lumber Co., $1501.03; Cahalan Co., $1039.70; T. J. Banka, $273; Roy Groy, $865; to James Keegan, et al .....
June 11, 1923.—86 B 4 EASTON No. 1 Burlingame. George M. Babst to Thomas Toby $704.95

BUILDING CONTRACTS

CONTRA COSTA COUNTY

DWELLING, one-story frame, $3500; N Zara St., bet. Humboldt and Amador Sts., Richmond; owner, East Richmond Heights Land Co.; contractor, K. J. Henning, Box 1671 Richmond.
RECONSTRUCT exits, $3150; N Macdonald St., bet. 8th and 9th Sts., Richmond; owner, Turner & Dahnken, San Francisco; contractor, Carl Overaa, 2105 Roosevelt St., Richmond.
APARTMENTS (8), 2-story frame, $22,500; NW Cor. 26th & Richmond; owner, W. A. Dill, 1040 Bird St., San Jose; contractor, N. E. Anderson, 2030 Roosevelt Ave., Richmond.
FLATS (2) 2-story frame, $4000; Clinton bet 23rd and 25th, Richmond; owner, N. Turato, 2322 Clinton Ave. Richmond.

A. E. S. C. REPORTS 1,000 SIMPLIFICATION OPPORTUNITIES TO HOOVER

More than 1,000 outstanding opportunities for the elimination of economic waste through the simplification of varieties and sizes of products are presented in the first analysis of findings in the survey of simplification opportunities which has been carried on during recent months by the American Engineering Standards Committee at the request of Secretary Hoover of the Department of Commerce.

This is in the form of a summary of answers to a questionnaire sent out by the American Society of Mechanical Engineers, one of the member-bodies of the A. E. S. C., to selected lists of its membership which includes all members of its professional division, and shows 123 suggestions of important standardization opportunities in the auto-motive and aircraft industries; 115 opportunities in building material industries; 54 opportunities among electrical appliances and supplies; 291 opportunities in tools and other machine shop equipment; 64 opportunities in paper, catalogues, books, and printing; 200 opportunities in boilers, valves, pumps, pipe supplies and kindred products; 37 opportunities in the railroad field, and 191 opportunities in miscellaneous industries.

The A. S. M. E. questionnaire called for suggestions as to three distinct types of simplification opportunities: Finished products in which the number of lines could be reduced; finished products in which the varieties of each line could be reduced in number; and raw materials of construction or of manufacture which may be reduced in the number of varieties or kinds.

The answers to this questionnaire represent nation-wide distribution of opinion, both geographically and from the point of view of variety of industry. The A. S. M. E. is the first of the member-bodies of the American Engineering Standards Committee to submit a summary of its findings in this survey. The Standards Committee has asked all of the national technical or engineering organizations included in its membership to make similar surveys in their respective fields.

PAVEMENTS NOT AFFECTED BY WATER MAIN INSTALLATIONS

The distributing experience of having street pavements torn up shortly after they have been laid, in order to install mains and services by public utility corporations has been overcome in the case of the City Park Terrace Tract of Stockton, as the result of a request made to the Informal Complaint Department of the Railroad Commission by Mr. W. B. Hogan, city engineer of Stockton.

A short time ago paving contracts had been let for paving the streets in City Park Terrace Tract and contractors were about to proceed with the work. However, the Pacific Gas & Electric Company, which supplies the City of Stockton with its domestic and industrial water service, had not as yet laid its mains to supply the tract and objected to so doing, contending that the tract was only partially settled and the revenues to be obtained would not insure a fair return on the necessary investment in mains, etc., amounting to $1100.

An investigation was made by a representative of the Railroad Commission and a solution has been found to the situation by the company laying a section of main across the streets in the center of each block, to be later connected up by mains running along easements which the Company has secured on the back property line of each lot. These mains will be laid as conditions warrant.

By this plan the present emergency is cared for at a greatly reduced cost, eliminating the expense and annoyance of having streets continually torn up as houses are constructed in the tract. City Engineer Hogan has forwarded a letter of thanks to the Commission for its efforts.

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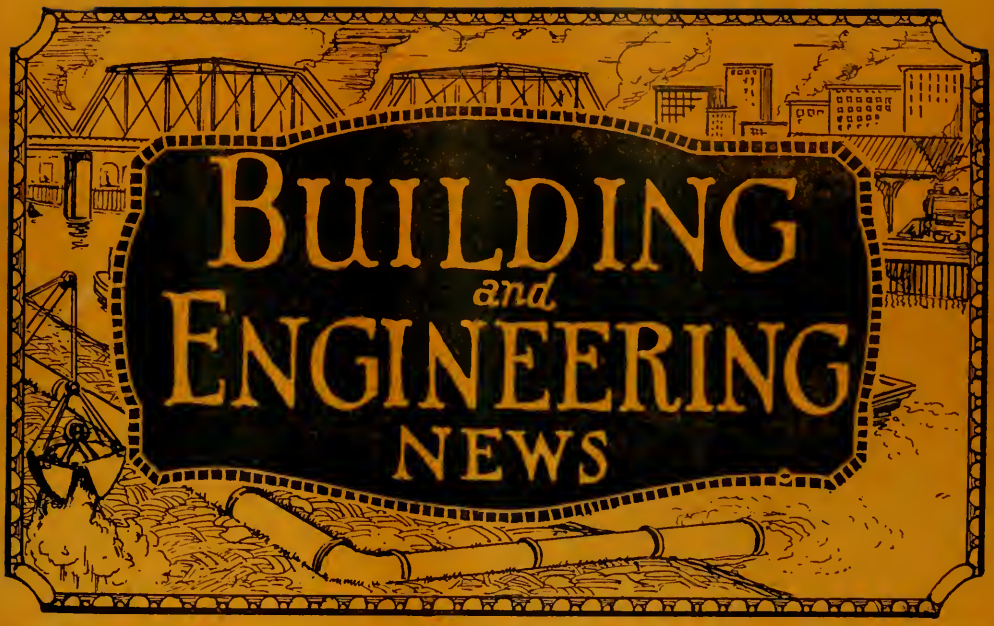

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SAN FRANCISCO, CALIF., JUNE 23, 1923

Published Every Saturday
Twenty-third Year No. 25

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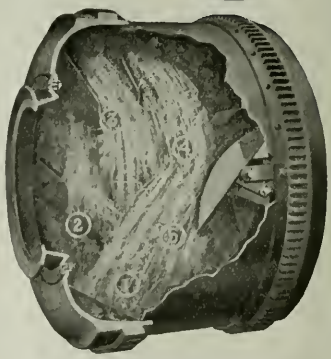

(1) Blade cuts through materials with churning action. (2) Blade carries materials up, spilling down again against motion of drum. (3) Materials hurled across diameter of drum. (4) Materials elevated to drum top and cascaded down to reversed discharge chute which (5), with scattering, spraying action, showers materials back to charging side for repeated trips through mixing process.

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Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

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UTAH CONCERN PLANS $10,000,000 HYDRO-ELECTRIC PROJECT

Plans for one of the largest hydro-electric projects in the West, involving the expenditure of approximately $10,000,000 and employment of more than 1000 men over a period of three years, are announced by officials of the Utah Power and Light Company, with headquarters at Salt Lake.

Beginning of actual operations is held up pending a decision by the federal power commission at Washington, officials of the company said.

The project, it was announced, would entail construction of a hydro-electric generation station at Fleming Gorge, on the Green River in Utah, about five miles below the Utah-Wyoming boundary line. A transmission line would carry the power to a terminal here from where it would be distributed to various points of consumption.

The projected plant would furnish 60,000 horsepower, if required, under the plans.

The failure of Arizona, one of the seven so-called Colorado River Basin states, to ratify the Colorado River compact, is held responsible, according to officials, for the delay in granting the preliminary permit for the project, which was asked under the provision of the water power act passed by congress in 1920.

All six of the other basin states have

MAY CEMENT PRODUCTION ESTABLISHES RECORD

With a production of nearly 13,000,000 barrels of cement in May the cement industry of the country established a new high record for any single month. May production was more than 1,500,000 barrels greater than in April and 1,700,000 barrels or 15 per cent greater than in May, 1922. For the first five months of the current year production very closely approached the 50,000,000 barrel mark—14,000,000 barrels more than in any similar period.

Shipments from the mills during May were also heavy and reached a total of 14,257,000 barrels, or 12 per cent more than in May, 1922. For the five months' period ending May 31, shipments were approximately 48,900,000 as compared with about 34,600,000 during the first five months of 1922, the best previous record.

Stocks of cement in manufacturers' hands at the end of May were 10,115,000 barrels as compared with an average on that date of 11,725,000 barrels for the five year period—1919-1923.

Unusual activity in the construction field, early storing of cement and of late, the commendable record the transportation systems are making in handling traffic are responsible for the record breaking shipments of cement thus far experienced. With the very large programs of building and concrete pavement construction now in full swing, the year promises to be an active one in the cement industry.

Although stocks of cement have been decreasing since the first of March, May production was at the annual rate of approximately 155,000,000 barrels which is considerably in excess of the amount consumed in any one year. Production will undoubtedly be still further increased by the recent placing in operation of two new mills and completion in the near future of extensions to several existing plants.

ENGINEER FAILS TO COLLECT $1,000,000 IN SUIT

Judgment of the Superior Court against W. A. Kraner, San Francisco construction engineer, in a suit involving nearly $1,000,000 against the Snow Mountain Water & Power Company of Lake County was affirmed in the State Supreme Court in an opinion by Justice Waste.

In December, 1919, Kraner contracted with the power company to construct a dam at the South Eel river in Gravelly valley, Lake county. A provision in the contract held that if Kraner should abandon the work the company would have the power to seize his tools and supplies and finish the work. After innumerable discussions Kraner abandoned the work declaring that the original contract had been automatically cancelled by a flood, which rendered impossible the completion of the dam as originally planned. Kraner obtained a restraining order against the company's seizing his provisions and tools and then filed counter claims for $873,625 alleged to be the balance due him for his work on a new contract, which he demanded with a 12½ per cent increase over the original price. Kraner had been paid $1,060,825 on the original contract. The judgment of the lower court against Kraner was affirmed.

WHOLE COAST IS UNDER-BUILT, SURVEY SHOWS

San Francisco and the entire Pacific West is still underbuilt. Any retarded effect that may be experienced in building will not be due to overbuilding, but to prevailing costs in some lines of materials.

This is the substance of a study made by the San Francisco Forward Movement, which finds conditions existing in San Francisco reflected more or less generally throughout the West, with some variations due entirely to local conditions.

"It has been estimated by various organizations that there is today a shortage of some 80,000 houses in the West," says the Forward Movement statement. "Our investigations tend to support this figure. At the present rate of building it would take five years or more eo make up this shortage that was brought about by war conditions.

"In San Francisco the great commercial and industrial development of the past year has made imperative the building activity seen here. Added industrial wealth has brought its proportion of new population and construction work.

"Every indication is that this sweeping tide of progress is just getting under way. If the city's growth in business and population strike a greater stride than at present it may mean a longer period than five years to make up the existing housing shortage.

"At any rate, regardless of present building costs it is believed that advancing realty values pjoint to the fact that 'now is the time to buy, build and invest in San Francisco.'"

RAIL LINE TO CEMENT DEPOSIT TO BE BUILT

Actual construction of ten miles of railroad connecting Lemon Cove and Three Rivers, to be used by the San Joaquin Portland Cement Company, which will develop Marble mountain cement deposit near Three Rivers, will be under way by midsummer, according to report. It is not known whether this line will be independent, handling the company's cement to the plant to be erected north of Exeter, or whether it will be built by the Visalia Electric, auxiliary feed line of the Southern Pacific.

John F. Hamburg, former vice-president and general manager of Hackeld & Co., Honolulu importers and shippers, is head of the San Joaquin Portland Cement Company, which recently came into possession of the State School lands south of Three Rivers, on which, it is declared, are the largest single cement deposits west of the Rockies. The plant is expected to be the largest in the West for manufacturing cement. News of this line revives interest in the survey several years ago by the Southern Pacific through the Sierra east from Lemon Cove, connecting with its Eastern lines.

The Merced County Supervisors have passed an ordinance limiting loads to be carried on trucks in certain road districts of the county to sixteen thousand pounds for 4-wheel and twenty thousand pounds for 6-wheel trucks.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

During the first 12 days of June the Los Angeles city building department issued 2140 permits with an estimated valuation of $6,040,761. For the corresponding period in May the number of permits was 2324 and the estimated valuation $8,119,166. Although the total for June will fall short of the high monthly record for the first half of the year, it will be close to $15,000,000 if the ratio of the first 12 days is maintained. The high record of $21,196,087 for March may prove to be the peak for 1923, although if ordinary building operations hold up there is a possibility that one of the remaining months of the year may roll up a greater total. Since the war the peak has not been restricted to any particular season. In 1918 the peak was in May, in 1919 in November, in 1920 in September, in 1921 in May, and in 1922 it was in April. All indications now point to March as the possible peak month for 1923.

The American Hospital Association Committee on Floors is continuing its study on the subject of floors this year, and solicits samples being submitted for testing, these tests to be made the basis of a further report to the annual meeting of the Association. Particulars may be obtained by writing the Chairman, Frank E. Chapman, 1800 E. 105th Street, Cleveland, Ohio. The Committee consists of Doctor Thomas Howell, New York Hospital, New York City, Doctor Charles E. Young, Hospital of the Good Shepherd, Syracuse, New York, Mr. Charles F. Owsley, Architect, Cleveland and Youngstown, Mr. J. W. McBurney, Engineer of Tests, Board of Education, Cleveland, Ohio, and the Chairman.

The Seattle Journal of Commerce in a week's review of business activities in that section, reports the construction field as follows: "While building permit totals bulk large in the majority of the cities of the Northwest and Seattle permits are heavier than they were earlier in the month, there is nevertheless a slackening of work on the boards of architects. Certain architects feel that prices are high for both materials and labor and are not urging owners to start construction. Others feel that now is the time to build and that nothing will be gained by delaying their projects in view of the fact that the structures are in demand. Material dealers generally report plenty of business and none too plentiful stocks."

An application has been filed with the State Reclamation Board by the Western Pacific Railroad for permission to construct flood control levees in the southern end of the city of Stockton to protect its new railway yard from overflow waters. The railroad company has acquired 136 acres east of its main line, and plans to convert this property into a new yard and locomotive terminal. The proposed yard will contain twenty-five miles of track capacity and room for 200 refrigerator cars.

J. J. Halloran of Phoenix, was elected president of the lumbermen's club of Arizona at its annual convention, May 24, at Nogales. Halloran was formerly connected with the E. K. Wood Lumber Co. of Los Angeles.

A new method of insulation against cold in building construction is being advanced in districts affected by last year's coal shortage. An overcoat of cattle hair, chemically treated and stitched between two sheets of asbestos paper are fitted to the outside sheathing. According to J. M. Berdan of the Johns-Manville Company, this insulation will save 236 pounds of coal per 100 square feet of outer wall surface, in seven months.

Articles of incorporation of the Inland Iron Company, with headquarters at Phoenix, Ariz., have been filed at Fresno. The company is authorized to deal in mines, to mine for minerals, to deal in dry goods, groceries, hardware and other commodities and to build and maintain mills and factories. It is capitalized for $200,000, divided into 20,000 shares. Directors are C. Martin Stoddard and N. Jones, both of Arizona.

Charging that the National Hardwood Lumber Association had been misrepresented as opposing the activities of the department of commerce in the standardization of lumber, John W. McClure of Memphis, Tenn., president, has presented to the membership a committee report indicating that one member of President Harding's cabinet had urged government supervision and another opposed it.

State taxes on California corporations for the year 1923 will total $36,195,353.30 or $1,416,032.35 in excess of the amount raised from the same sources for support of the government for 1922. This announcement was made today by the state board of equalization, which levied the assessment on the corporations. The tax is effective beginning with the new fiscal year, July 1st.

The Baker, Hamilton & Pacific Company is the latest addition to important distributors of Du Pont paint and varnish. The company will distribute Du Pont paint and varnish products in Northern California and Nevada. Du Pont varnishes were formerly known to the Coast trade as the Chicago Line.

R. D. Van Alstine, of the Long Beach city engineering department, has been appointed city engineer of Long Beach by City Manager C. H. Windham, to succeed A. L. Ferver, director of public service and city engineer, whose resignation was effective June 15.

The Hardwood Lumber Company of San Francisco has purchased the U. S. Shipping Board steam freighter, "Point Loma." The price paid for the craft is not known.

City of Grass Valley has voted bonds of $100,000 to finance a street paving program. The issue carried by a vote of 9 to 1.

W. S. Farley has resigned as city engineer of El Cerrito, Contra Costa County.

L. B. Youngs, city superintendent of water for the city of Seattle, died June 9. Death was due to heart trouble.

PUBLICATIONS

The researches of the Structural Materials Research Laboratory at Lewis Institute, Chicago, have developed many previously unknown principles regarding concrete making. These principles, since verified by thousands of tests, are explained in the bulletins of the Laboratory. To make the information contained in these bulletins more readily available to the busy engineer, architect and designer, the Portland Cement Association has now published a booklet, "Concrete Data for Engineers and Architects," which contains the Laboratory principles in brief form. Though abbreviated from the original reports, the principles are fully explained by both text and illustration. In addition, the booklet is of convenient size for filing and instant accessibility.

"Through the Ages" is the title of an exceptionally attractive and interesting new publication to be issued monthly by the National Association of Marble Dealers, Gay and Water Sts., Baltimore, Maryland, to disseminate more general information concerning the types of marble and the various uses in connection to which they are best adapted. The publication is well printed and artistically illustrated with views of famous structures and statues in which marble was employed. The first issue, that for May, contains valuable information under such headings as "What is Marble?" "A Handbook of Marble," "Standing the Test of Centuries," "A List of the World's Marbles," etc. Through the Ages is to be issued monthly at a subscription price of $3 a year, or 35 cents for single copies.

Champion Engineering Company, Kenton, Ohio, has issued a large folder describing its automatic truck turntables, which the concern designates as "the only full automatic turntable that turns motor trucks in a few seconds by their own power." The loaded truck drives up the approaches onto the upper frame of the turntable. The rear wheels of the truck, revolving, engage rollers connected to a gear train actuating the upper frame and rotating it until the truck is turned in an exact half circle, whereupon the truck is ready to back off, dump its load, and start back in the direction whence it came. The folder contains a number of illustrations showing the method of operation and construction details.

The American Welding Society, 33 W. Thirty-ninth street, New York, has issued a report on a series of tests conducted by the American Bureau of Welding relative to welding of unfired pressure vessels. Tests were made on fifty tanks, and involved an expenditure of more than $15,000. They were prompted by efforts that have been made for several years to draw up a code dealing with welding of such character, and by the fact that opinions of the best experts have not been in agreement on many essential points.

TRADE NOTES

Bates & Borland, sewer and paving contractors of Oakland, have opened an office at 1201 Merchants' National Bank Bldg., Los Angeles. E. W. Tuttle is in charge of the company's construction work in the southern section.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

SACRAMENTO PLUMBERS HEAR BETTER BUSINESS TALK

The pluming dealers and heating contractors of Sacramento held a trade extension meeting at the Travelers hotel June 18. J. C. Greenberg, field representative of the National Trade Extension bureau of Evansville, Ind., was the principal speaker. As his subject, "Building Business Brains." Greenberg said in part:

"Success is the realization of the worthy ideal, no matter what that ideal may be. We business men are looking for the realization of that worthy ideal called business. Business is not really selling goods for money; it is selling the service that the goods will render.

"Service is valued comparatively. That is, that service which serves the greater number of people in the most useful way, is the greater service. Our service of health and sanitation is an important one and requires good and constructive ideas to educate the public and increase demand for it.

'As the demand for plumbing and heating is increased the health and sanitation of the community becomes on a higher plane. Our business is an educational business, and in all truth underlies civilization itself. Our business in reality is a duty and responsibility that we have assumed. Such a duty and responsibility cannot be taken to lightly.

"We must ever bear in mind that great motto, 'He profits most who serves best.' Every business man should adopt this motto.

"The cheap, slipshod business man who sells the cheapest kind of unserviceable goods cannot possibly serve the public to a satisfactory termination. Cheaply made goods lack the character which is quality. Quality goods are good goods and will serve the longest time and give perfect satisfaction.

"In our line, it costs just as much for labor in a cheap installation as it does for first-class goods. Therefore, educate the public to the use of the highest-grade goods. Your advertising and your guarantee fit only high grade goods, and in order to satisfy the customer you must urge high grade goods.

"A bathroom is for a life service, not just for the time being, and it takes salesmanship to sell high-grade installations. Cheap goods give a cheap reputation, and the quality customer does not like to patronize cheap goods dealers in our line, because it does not pay.

"You as business men are responsible for the health and sanitation of your fair city, and it is your duty to hold this responsibility uppermost in your business minds. It is my belief that the public demands high-grade service if we can make them see the wisdom of it."

Greenberg spoke for two hours, illustrating his ideas on a blackboard. He drove home business ideas in a forceful manner and all were well impressed.

HOME BUILDERS ELECT

At a luncheon meeting of the San Francisco Home Builders' Association, held June 15, the organization representing 75 per cent of the home builders of San Francisco, reaffirmed its adherence to the American plan and to the schedule of wages fixed by the impartial wage board. Harry B. Allen, retiring president of the organization, presided. New officers for the year were elected, L. V. Riddle being named president, E. A. Janssen, vice president and Grace Perego, secretary-treasurer. The following composed the board of directors: C. S. Allred, Edward Cox, F. R. Grannis, Alvin Heyman and Louis Stauf.

SACRAMENTO MATERIAL PRICES REPORTED LOW

Each month figures covering building material prices become more convincing in their proof that Sacramento not only enjoys prices that in comparison to the balance of the country are lower than the average but that Sacramento should take advantage of these prices to the extent of continuing the building program that has been under way for the past two years, says a statement issued by the Master Builders Association of that city.

The latest figures show the following average for some forty cities of the country compared to Sacramento prices on the same materials.

Common brick (unit 1000)—Sacramento price, $17.50; average price, $19.21.

Portland cement (unit barrel)—Sacramento price, $3.55; average price, $3 40.

Douglas Fir, No. 1, 2x4x16, (unit 1000)—Sacramento price, $46,50; average price, $47.23.

Common boards No. 1, 1x6 (unit 1000) Sacramento price, $48.00; average price, $48.68.

Douglas Fir vertical grain, No. 2 (unit 1000) Sacramento price, $83.|50; average price, $84,52.

Red cedar shingles, (Unit 100 sq. ft.) Sacramento price, $5,65; average price, $6,54.

Sand (unit cubic yard) Sacramento price, $1.50; average price, $2.19.

White lead dry (unit 100 lbs.) Sacramento price, $13,75; average price, $14.13.

PLUMBERS ELECT OFFICERS

More than 300 plumbers from all parts of California attended the twenty-second annual convention of the Master Plumbers' Association at Lake Tahoe. Officers elected include H. R. Benedict of Pasadena, president; Harry Newman of Oakland, vice president; C. M. Swimmerton of Los Angeles, treasurer; John L. E. Firmin of San Francisco, secretary. Those selected for the executive board were: William C. Goff of San Francisco, Ralph Francis of Sacramento, and W. H. Cox of Fresno. A. J. Wilson of San Francisco was chosen national director.

NEVADA PLUMBERS ELECT

George E. Wilkinson of Reno, was elected president of the Nevada Association of Master Plumbers' at the convention recently closed in Reno. C. W. Westover was named vice president; L. C. Savage, secretary, and Fred C. Cushing of Yerrington and Harry Kelly of Reno were chosen as members of the board of directors.

FEDERAL COURT DENIES WHIT IN BUILDERS' "TRUST" CASE

United State Judge Maurice T. Dooling denied the application of the Department of Justice for a temporary injunction restraining the alleged illegal activities of the Industrial Association, the San Francisco Builders' Exchange and others charged with maintaining a building materials combine in California in restraint of trade.

In making his ruling, the judge stated that his decision did not prejudice the suit of the government for a permanent injunction, nor its suit in equity to dissolve the Industrial Association.

The decision stated that the issues involved could be determined in the application for the permanent injunction, and that the showing made by the government for a temporary injunction was insufficient, in view of the fact that the granting of the temporary injunction would greatly "disturb conditions" now obtaining in the building industry.

The government charges that the defendents entered into an illegal conspiracy to establish the so-called "American plan" by withholding building supplies from union contractors.

In addition to the suits mentioned the government plans to lay its case against the organization controlling the building industry before the federal grand jury, according to Henry A. Guiler, organizer and head of the government's "anti-trust" bureau in San Francisco. Guiler intimated that this was his intention during the hearing of the injunction suits.

Max Kuhl, representing the defendants, while arguing against granting of the temporary restraining order, declared that the government sought the injunction 'without having produced a single witness in support of its case."

LONG BEACH BUILDERS FORM EXCHANGE

The Builders' Exchange of Long Beach was organized at a dinner meeting attended by about fifty contractors and representatives of various branches of the building industry, at the Virginia hotel, Long Beach, June 19. W. J. Burgin presided and Godfrey Edwards, past president of Southern California Chapter, Associated General Contractors, was the principal speaker. Mr. Edwards set forth the advantages of co-operation and pointed the way to a field of usefulness for the new organization. He suggested certain ideals as the foundation for success and urged that the public interest be always kept in view, as well as the interest of the members. Secretary L. W. Ballard of the Long Beach chamber of commerce assured the exchange of the support of the chamber in its efforts to improve conditions in the building industry and to eliminate the irresponsible contractor.

W. J. Burgin, general building contractor, was elected president of the exchange. Ross E. Hall was chosen vice-president; George Bowman, treasurer; Milton McGrew, secretary; J. D. Sherer and Geo. W. La Shell, directors; W. E. Allen, chairman of executive committee, and Karl Ludwig, manager. The exchange will have temporary quarters in the Chamber of Commerce Building.

(Continued on Page 9)

Builder of Skyscrapers Devises Ways to Cut Cost of Erecting Small Houses

It's a long trek from designing a small house to building a skyscraper, but every architect who starts with small work aspires to the day when he can tackle a big job. There are many such architects. But the architect who has made his mark building skyscrapers and monumental structures who condescends to give his attention to building of small houses is a man among a million. But there is one such man—Ernest Flagg, one of America's great architects. Mr. Flagg designed the Singer building, the first great tower on Manhattan Island and the Corcoran Art Gallery in Washington, one of the nation's monumental structures. Mr. Flagg has given much thought and study to affecting economies in the construction of small houses which would be both artistic and substantial and with what success is told in a most interesting way by Harold Cary in Collier's, issue of May 5.

"Wood has been so cheap in the United States that we have used it almost everywhere," says Mr. Cary. "Stone has been little used because of its supposed great cost. It is cheaper by far in the long run, of course, and now since wood is becoming scarcer and more expensive and since there are the new ways of utilizing it. Mr. Flagg is interested almost exclusively in using stone for walls.

"Why do houses have attics? They are frightfully expensive storage space. Mr. Flagg's houses do not have any Many of his living rooms run to the peak of th e roof. If second floors are to be used, then bedrooms run to the peak—and they are so cool and comfortable as any bedrooms with vacant attics above them. A little 'ridge dormer' rides on the roof tree and keeps the room as cool as an attic air space, or cooler. It is windowed and screened and operated with a cord from within.

"It looks well on the outside and adds light within. It is an invention which enables you to see all the space under the roof; which enables one-story houses to be built with walls only five feet above the ground; two-story houses with walls only twelve feet above the ground. It makes easy of achievement the low-lying house that every layman and architect dreams of and so rarely achieves. And remember that since the cost of modern frame buildings is nearly 45 cents a cubic foot, a full-sized attic in a medium-sized house of six or seven rooms will cost you somewhere near $1800.

"The houses built by Mr. Flagg have no cellars!

"A cellar usually costs about 20 per cent of the total cost of a house. It was first used to 'keep the house dry,' and, scientifically speaking, kept it damp. Is was also used as an ice box, and as such is used no more.

"Unless thorougly damp-proofed, all cellars are moist—who likes to live in a cellar?—and this wet air permeates the house, just the way escaped coal gas in the basement does. By having furnace and coal bins above the ground a great deal of effort is saved in housework, and the mass of the house is increased to make it more impressive. The space between the floor and the ground, which Flagg covers with waterproofed concrete, is dead air space, and houses so built are as warm and dry as houses with big, damp-proof cellars. The cost of the layer of concrete on the ground is quite insignificant. These are facts, proved in use, scientifically correct. It is the conservatism of all of us, the prejudices, that make them hard to believe.

"The most spectacular and unbelievable innovation is the Flagg partition, another invention. The ordinary partition is built by putting up two-by-fours along the line. These are covered up with either metal or wood lath. Then three coats of plaster are applied, and on top of the last one is put the finish. the result is a partition which is a series of flues for fires. Once started in a wall, a fire quickly becomes disastrous, and it is in addition a fine nesting and hiding place for vermin. They are not sound-proof—why should they be since they have dead air space just like the sound box of a drum?. Moreover, they take a lot of space. They are six inches through, and space in almost any kind of a house costs at least $6 a square foot. In using up space alone ordinary partitions thus cost $3 a running foot.

"The Flagg partition is all plaster and but an inch and three-quarters thick. It is fire-and-vermin-proof, less subject to damage than ordinary ones because the plaster is thicker and quite as sound-proof.

"Along a beam where the partition is to go are hung lengths of jute scrim like the material of burlap bags. The edges are basted together by twine with a bagging needle. At door openings and at walls, as well as at top and bottor, the scrim is attached with ordinary staples. Thus a curtain is formed. Now two plasterers, one on each side, go to work, facing each other and put on the first rough coat, each working against the other. If only one plasterer is available, a laborer can hold a board up for him to work against. The curtain of plaster now must hang plumb, like a pendulum. The bottom hangs in the baseboard. When the first coat is dry two more are put on in the regular way. And that is all there is to the Flagg partition, all lath and lumber and a great deal of labor being eliminated.

"For greater strength, to carry loads, a bearing partition can be made in exactly the same way except that Portland cement mortar is used for the first coat instead of ordinary patent mortar. Of course in the ordinary small houses the weight of floors above is carried by walls, beams and floor joists. 'Economy in building,' said Mr. Flagg, 'consists in the aggregate of a great number of savings, which when considered separately may seem trivial, but which when combined are important.'

"Nevertheless, there are a few more details that anyone can adopt, some of which are expressions of the fundamental artistic philosophy of the great architect.

"The most important of these is the method of building a wall, the use of which to a large extent explains the difference in cost of the two buildings just mentioned, which of course, are of stone. A rubble wall is built which Flagg calls 'mosaic rubble,' because the stone is set in dry,, like mosaic work. It is constructed, not with masons at $10 a day, but with ordinary labor at $4 or $5. The wall is built in a form in much the way concrete is poured into a form. The flat side of the stone is laid flush with the outer face of the form and concrete is shoveled in behind. No mortar is placed between the stones, but they are laid in dry and mortar is squeezed into the joints afterward when the forms are removed.

In practice forms are made of four-by-four uprights with holes for toggle pins and three eight-inch planks are placed in position on the inside and outside of the proposed wall. Two feet of wall is constructed by the laborers placing stones and filling in with concrete and left overnight. The next morning the three planks are slid up and another height of wall built and so on until completion. Concrete corner stones or cut stone for the corner is used. The forms are all 'take down' and can be used over and over again. As the wall grows in height a runway is built to carry the material up for placing.

"When the wall is completed it is 'pointed' or the shinks filled up. This is fast and easy work for a mason, who merely holds his board at right angles to the wall and pushes the mortar off into the holes. The result if a perfect rubble wall as fine as one built by a mason in entirety. And then one thing more—perhaps you don't want a stone finish on the inside of your house. Flagg has found that it is not necessary to erect two-by-fours and add lath before plastering. No, he simply applies plasterboard to the damp cement in his kind of wall on the inside and the stuff sticks there. Then the plastering is done on the board in the usual way; the latter being a nonconductor prevents condensation and eliminates dampness inside from this cause. All trim—those ornate, molded bits of wood over and around doors and windows—is eliminated. The real members, such as the honest window frame, are made a little more carefully and then allowed to show.

"American stairways, ornate and bulky, meet with Flagg's disapproval. They are one of the most expensive fixtures in a house, and to eliminate them he has designed a circular stone stairway made or cement blocks which is both beautiful and utilitarian. It takes up about one-quarter of the space and costs relatively little.

"Fireplaces do not heat well. All the 'B. T. U.'s' go up the chimney, it would seem. In the house which was building on Staten Island, Mr. Flagg had designed the most original fireplace I ever have seen. It was recessed hardly six inches in the interior gable wall, and the only real chimney in sight was on the roof. The finished job, according to drawings, was to form a hood out over a tile and brick flooring, so that the fire was open on three sides. The hood, resting on tile, is to be made of bronze, dull and rich, and is to extend clear to the roof tree, almost like a half cornucopia. It is going to be stunning affair, and the chief motif of the room, but its purpose is utilitarian, not decorative. It is to be a hot box! It is really to heat the room as no fireplace I know of has ever heated a large room. This idea is an evolution from the Franklin stove and also from a little porcelain stove he once made use of in a German hotel.

"Screens? Since he always uses casement windows opening inward, instead of using screen frames that are taken

down once a year, Flagg tacks on a copper screen permanently. You can hardly see it from the inside, and is should last as long as the house. Used this way it is cheaper than ordinary framed wire screens. Leaders to catch the roof water? Not any. He builds a little cement walk close to the foundation wall all the way round to act as a safety, frost-proof blanket. It prevents the rain water from wearing off the ground. He says that leaders are ugly and often spoil the symmetry of an otherwise well-designed house. They are not really necessary, and he uses them only where absolutely necessary over a doorway or along a terrace and then as little as possible. Saves a lot of money too.

"He makes one of the cheapest and best roofs you ever saw, and they are beautiful. He uses plain roll roofing. This he cuts into nine-inch strips, laid with only a two-inch overlap. But under the overlap is the nail, running from each nail to the edge of the roofing strip above is a metal clip which holds down the edge of that next strip above so the wind can't lift it. The weather then makes streaks down the line of the clips and you have a stunning cross-barred roof. He showed me one in perfect condition that had been up for fifteen years."

GLADDING, McBEAN PLANT WORKERS TO PICNIC

The first annual picnic of pottery workers of the Gladding, McBean Company, operating a plant at Lincoln, Placer County, will be held June 24th at the auto park grove, Lincoln.

Featuring the celebration will be a terra cotta pressing and plaster mould building contest. Individual contestants will compete to see who can turn out terra cotta building pieces and the plaster moulds in the shortest time.

In addition there will be a baseball game between the Lincoln and Empire Mine teams, the latter of Grass Valley. A field and track meet with departments of the pottery entering teams, and novelty races also will be held.

Other attractions will be airplane stunts and dancing. The latter will be held on a platform 60 by 100 feet in dimensions. An orchestra from Sacramento will provide the music.

ROSEDALE, ENGINEER, RESIGNS FROM ACCIDENT COMMISSION

J. J. Rosedale, for the past eight and one-half years, chief construction engineer for the Department of Safety of the Industrial Accident Commission of the State of California, has tendered his resignation, effective July 1.

Mr. Rosedale has established a safety service bureau in the Sharon Building, San Francisco, and will be Pacific Coast representative for manufacturers of safety devices, sanitary and fire prevention equipment.

SULPHUR PLANT FOR RENO, NEV., CONTEMPLATED

The Redwood Lumber Company is planning to establish a plant in Reno, Nevada, for the manufacture of sulphur, according to an announcement of J. C. Durham, chairman of the new industries committee of the Reno Chamber of Commerce.

Construction of the plant will be started on assurance that the company will secure satisfactory shipping rates on the product. No such rate is quoted by the railroad affected. The material would be brought in by way of the Western Pacific from the town of Sulphur, about 35 miles beyond Gerlach.

Water Power Investigations to be Made By The Interior Department

During the field season of 1923, extensive river surveys will be made by engineers of the Department of the Interior, Geological Survey, to determine the possibility of developing power on streams in practically all the public-land States. These surveys will be made by plane-table methods and will include a plan and profile of the river and contours to a height of 200 feet or more above the water surface. Where the conditions are favorable to the construction of dams or reservoirs, special surveys will be made for mapping on a relatively large scale. Hydraulic engineers will select the dam sites and geologists will examine and report upon the geologic features of those that appear to be the most favorable.

These surveys and the records of stream flow collected by the Geological Survey form the basis for the classification of public lands with reference to their value as power sites. Most of the maps made will be published and will be available for purchase at moderate prices. Many of the reports prepared as a result of such surveys are published as water-supply papers or are kept open for public inspection at the district offices of the Geological Survey as well as at Washington, D. C. A complete inventory of the water-power resources of the public-land States is thus being prepared. The program for 1923 includes the following work:

In Oregon 300 miles of Rogue River and tributaries will be mapped and surveys of dam sites will be made.

In northern California and Oregon, the survey of Klamath River from Keno, Oregon, to its mouth will be completed. This work will involve 100 miles of additional surveys.

In Utah, surveys covering 100 miles will be made on East or Yellowstone Fork of Lake Creek, West Fork of Lark Creek, Rock Creek, Duchesne River, and Uinta River.

In Idaho, surveys of a dam and reservoir site will be made on Salmon River.

In Montana, a dam on the South Fork of Flathead River will be surveyed and a reconnaissance will be made to determine the possibility of using Missouri River and its tributaries above Great Falls, Mont., for power purposes.

In Colorado, surveys will be made on South Boulder River, Clear Creek, Chicago Creek, St. Vrain Creek, Left Hand Creek, Big Thompson River, North St. Vrain Creek, South St. Vrain Creek, and Middle Boulder River, all tributaries of South Platte River.

In Wyoming, surveys will be made on Sweetwater, North Platte, and Encampment rivers.

In Arizona and Nevada, 300 miles of Colorado Basin will be mapped.

In Washington, investigations of the Columbia Basin irrigation project are now being made.

Public lands reserved for use in connection with power sites and shown by these surveys to be without power value will be recommended for restoration to entry. Lands that may be used in connection with power sites but that are well adapted to other uses will be recommended for restoration to entry with a reservation of the right of the United States or its permittees to use them as power sites. Public lands that are found to be valuable as power sites and that are not already reserved will be classified as power-site lands and withdrawn from entry.

ELECTRIFICATION PLAN FOR U. S. IS EXHIBITED

Detailed plan for the complete electrification of the United States worked out in the form of an atlas by Frank G. Baum, an engineer of San Francisco, were exhibited at the convention of the National Electric Light Association.

The most striking feature of the plans, which are the result of twenty years work, was a map showing a system of 220,000 volt transmission lines covering the entire country, and placed with reference to existing transmission lines, water power, industrial centers and railroad lines. It was stated that the system could serve as a guide for a generation or two in the placing of extensions or additions to the electrical power system.

BIG MAHOGANY CUT MADE IN NICARAGUA

It is conservatively estimated that the total production of mahogany and Spanish cedar from the eastern part of Nicaragua for the current year will be 20,000,000 feet, of which Spanish cedar will not exceed 3,000,000 feet, says Consul W. M. Heard, Bluefields, in a report to the Department of Commerce. Cutting began early after Christmas and has progressed rapidly. All the wood contracted for has been taken by eight American mahogany companies buying in this consular district, and the contract prices have ranged as high as $75 per thousand feet delivered at the mouths of the several rivers.

CHAMBER OF COMMERCE OUTLINES CONSTRUCTION PROGRAM

Five projects for San Francisco's development to constitute the work program of the Chamber of Commerce for the current year announced by President Colbert Coldwell.

The five units emphasized by Coldwell are:

1—The erection of a suitable Chamber of Commerce building, in which could be housed all the departments of the local chamber as well as the Commercial Club and other civic organizations and trade bodies, thus eliminating much overhead expense and duplicated effort.

2—The reclamation of the Islais creek area to give San Francisco large areas of industrial property with proper street approaches and transportation, for sale at reasonable prices.

3—The removal of Rincon hill by grading, thus making available a large area for loft buildings and light industries, served by spur tracks and close to financial and retail centers.

4—The establishment of a naval base at Alameda and thereby securing for San Francisco and the Pacific Coast the proper naval protection as well as assisting the local merchants to good advantage.

5—Erection of an exposition building where fairs, festivals, expositions and live stock shows can be held. An option has already been secured on about thirty acres of land at the old P. P. I. E. fair grounds. It is estimated that the construction cost would be $1,700,000.

LUMBERMEN NOT ALARMED AT BUILDING CUT

The check to building, both actual and prospective, has brought no uneasiness to the lumber producers of the country. They are confident, according to reports, that demand will keep loggers and mills moving at top speed for months to come.

"The lumber situation in the Pacific northwest is wholly satisfactory to manufacturers and loggers," Robert B. Allen, secretary-manager of the West Coast Lumbermen's association, and an authority on western lumber conditions, says. "This is because mill output is sufficient to keep all plants running both American and foreign buying being well maintained and prices at mill tracks, according to all reports, have not changed materially.

"There has been a backward season in the middle west but the check to lumber demand there is not unusual and will be corrected. Production of lumber continues well above normal. There is no surplus of logs in North Pacific coast waters and the mills of that section have unfilled orders both for domestic use and for export aggregating over 750,000,000 board feet.

"It is obvious that the mills will gain by clearing up their unfilled orders if or when there is a slow down. Such a slow down is not now in prospect. The tendency in the trade is to maintain quiet and stable conditions."

Shingle men of the Pacific northwest are not so thoroughly satisfied, however. The general manager of one of the leading Oregon shingle mills which utilizes electric power and has a capacity of 500,000 shingles daily, declares the plant has closed down because it was impossible to cut shingles to sell at $2.45 a thousand out of $20 logs.

HOW RAILWAY WAGES AND VALUATION AFFECT RATES

Comparison of railroad returns on investment and amounts paid out to employes for the years 1917 to 1922 shows that the railways earned $200,000,000 less for their owners in 1922 than in 1917, and that they paid out $930,000,000 more in wages to their employes in 1922 than they did in 1917.

These figures were made public today by the "Railway Age" in commenting on the participation of about twenty of the principal leaders of the railway labor unions in the recent "Progressive" Conference on valuation of railroads in Chicago.

"In view of the fact that railway labor in 1922 received almost a billion dollars more wages in 1917" says the Railway Age, "and that the investors in railways received almost $200,000,000 less return, the leaders of the railway labor unions certainly showed remarkable effrontery in participating in a meeting held for the purpose of making the public believe the net returns the railways are allowed to earn are responsible for the fact that rates higher than those charged five years ago might be maintained.

"In 1917, before any substantial advances in rates were made, railway employes received $4.41 in wages for every 1000 tons of freight carried one mile by the railways in serving the public. In 1922 railway employes received $7.90 in wages for every 1000 tons of freight carried one mile by the railways, an increase in five years in railway wages in proportion to the freight service rendered of almost 80 per cent. On the other hand, in 1917 the net operating income earned by the railways for their security owners was $2.48 for every 1000 tons of freight carried one mile, while in 1922 it was only $2.29, a substantial decline."

Pacific Coast Building Shows Advancement

Showing a gain of 37 per cent over the May record of 1922 and 9 per cent over that of April of this year, the building permits issued during May in 36 Pacific Coast cities total $42,062,706 and indicate a more steady advancement in building operations than is observed in other parts of the country, as shown by the national building survey of S. W. Straus & Co. From the reports of 216 cities tabulated in this report, it is shown that the country, as a whole, gained 15½ per cent over May of 1922 in the total of building projected but decreased by 12 per cent from the totals of April.

Los Angeles, with a total of $18,926,881, led all western cities by a gain over April of 23 per cent and over its record of last May of 120 per cent. Steady increase in population and a continually increasing demand for housing is partially responsible for this building program although an unprecedented volume of commercial construction is thereby under way.

San Francisco, reporting $4,928,986 of building permits for May showed a gain of 12 per cent over May of 1922, but a loss of 2 per cent from the total of April, indicating a slight response to the conservative influence which has been so generally felt throughout the country.

A gain of 11 per cent over the preceding month and of 6 per cent over May of 1922 is shown by the $2,373,020 of building permits issued in Oakland, an activity being forced by a rapid growth in population and on expansion of its commercial district.

The nine cities included in the Northwest district report a total of $5,395,036, being a slight gain over the totals for April and for the previous May. Seattle reporting $1,867,280 shows a 13 per cent gain over the previous May, but a 12 per cent decrease from April, while Portland with a total of $2,594,620 shows a decrease of 11 per cent from the figures of last May and a 3 per cent increase over April.

The 22 California cities reported in the S. W. Straus & Co. survey shows the least influence from a general tendency to restrict building operations. These report a total of $34,728,251, a gain of 8½ per cent over April and of 45 per cent over May, 1922.

Totals of building permits during May in the 36 Pacific Coast cities reported in the S. W. Straus & Co. survey, are as follows: Seattle, $1,867,280; Everett, $123,195; Spokane, $277,155; Walla Walla, $47,520; Hoquiam, $32,250; Vancouver, $164,716; Boise, $164,000; Portland, $2,594,620; Eugene, $124,300; Salt Lake City, $1,516,295; Ogden, $227,000; Logan, $30,000; Tucson, $77,528; Reno, $87,996; Chico, $31,369; Sacramento, $703,740; Stockton, $342,871; Vallejo, $2905; Richmond, $95,735; Berkeley, $816,510; Oakland, $2,373,020; Alameda, $120,036; San Francisco, $4,928,986; San Jose, $37,360; Fresno, $241,583; San Bernardino, $193,838; Santa Barbara, $221,595; Riverside, $168,670; Pasadena, $836,373; Glendale, $573,687; Los Angeles, $18,926,881; Santa Ana, $385,399; Pomona, $367,150; Santa Monica, $493,470; Long Beach, $1,740,817; San Diego, $765,865.

STEVENS INSTITUTE SEEKS TO RAISE $1,000,000

After two years without income with which to pay adequate salaries to its faculty staff, Stevens Institute of Technology at Hoboken, N. J., the oldest mechanical engineering college in the country and Alma Mater of 2500 engineers, among whom are many famous in the world of industry as builders, inventors and business men, will undertake the raising of a million dollar endowment next fall. This announcement comes from the office of W. E. S. Strong, 31 Nassau Street, New York, who has been chosen to head a group of alumni and other prominent men who are interested in the maintenance of the Institute.

"A million dollars must be raised if Stevens is to be kept functioning," Mr. Strong said. "It is almost a question of life or death, because the Institute will not continue unless it can maintain the very highest standards of instruction. In view of the great contribution Stevens Institute has made in railroading, manufacturing, and all the fields of engineering, I think the answer will be the needed endowment."

Stevens Institute was founded in 1867 as the first institution in the United States to give a course in mechanical engineering; it originated the degree of Mechanical Enineer, and it is the only college in the country which has continuously given only the one basic course, though its graduates have gone successfully into all types of engineering work.

The conditional gifts made by the General Education Board and the Carnegie Corporation, of $250,000 and $100,000 respectively, are regarded as endorsements of the methods of work at the Institute. Stevens Institute was made the first exception to the practice of the General Education Board of giving only to institutions devoted to general education.

U. S. ANNOUNCES EXAMINATION FOR DESIGN DRAFTSMAN

The U. S. Civil Service Commission announces applications for examination for the position of "Design Draftsman" (structural) will be received until August 31. The examination is to fill two vacancies at the Naval Operating Base, Pearl Harbor, Hawaii, one at an entrance salary of $6.80 a day and the other with an entrance salary of $8.80 a day. Applicants must have had experience in the designing and detailing of steel, concrete, reinforced concrete, and timber structures, and in the preparation of drawings for the various types of structures usually encountered at naval establishments, such as buildings, walls, foundations, wharves, piers, etc. They must be capable of assuming responsibility for the development of designs and the making of estimates and computations determining their sufficiency. Competitors will not be required to report for examinations, but will be rated on their education, training, and, experience.

CONVICT LABOR ON HIGHWAYS

Governor Richardson has signed Assembly Bill No. 1366 providing for the employment of convicts on highways. Under the bill, which becomes effective August 17, the state prison directors and the state highway commission will formulate policies and methods for carrying out its provisions. Prisoners will be selected for the work and camps will be established for the convict gangs. The highway commission will call for the men, to be selected by the wardens, and pay for their work at the rate of $2.50 a day. Seventy-five cents net will be allowed each prisoner per day for his work, and paid to his dependents. After the cost of administration is paid, prisoners will get credits which will be paid them when paroled or discharged finally.

EXPECT LUMBER PRICE CUT TO INCREASE BUSINESS

That the May slump in the lumber market was due to the belief of builders that building costs had advanced too far; that the resultant slump in buildings has been followed by a great reduction in prices of lumber; and that it is his belief the price reduction will develop sufficient business to avoid further reductions, are points made in a statement issued by Willis J. Walker, vice president of the Red River Lumber Company.

The statement follows:

About the first of May a decided change came in the lumber market by reason of the builders feeling that building costs as a whole had advanced too far, with the result that there has been a decided slump in the lumber market and a great falling off in building throughout the country as a whole, there being $15,000,000 worth of buildings abandoned within a week in Chicago, Boston and New York City alone. The same condition has extended throughout the whole country.

Buying of lumber has dropped off the same as it did during the Spring of 1920. There is no telling how long this condition will continue, or whether it will grow better or worse, but its immediate effect has been a great reductinn in prices by the lumber trade as a whole.

The Red River Lumber Company has just issued a new price list showing reduction in lumber prices of from $2 to $10 per thousand to meet the changed condition, and it is our belief that enough business will develop to avoid further price reductions, and that a reasonable amount of business can be maintained during the Summer.

POTENTIAL WATER POWER OF BIG HORN RIVER

The potential water power of Big Horn River in Wyoming and Montana and its utilization are considered in a report just prepared by Benjamin E. Jones and David J. Guy, hydraulic engineers of the Department of the Interior. The publication of the report may be delayed, and to make the data immediately available to the public manuscript copies have been placed on file at the office of the Geological Survey in Washington, D. C., and at the office of the district engineer in room 52, Montana Bank Building at Helena, Mont., where they are now open for inspection.

CAMPAIGN TO SAVE EXISTING BUILDINGS

Plans just completed for a two weeks intensive campaign of education will have as its object the painting of every building in Mecklenburg county, N. C. The campaign will be carried on under thes auspices of the North Carolina state department of agriculture, and the N. C. Agricultural College, who have recognized that the natural resources of our country, especially timber, are rapidly vanishing, and with the advanced prices of all building materials, it is vitally necessary to preserve what has been created.

The campaign will consist of mass meetings, painting demonstrations, lectures, and other features beginning Oct. 22 and continuing for two weeks. The efforts of the committee will be directed toward giving the 4000 odd property owners in the county a fuller appreciation of the various services that paint and varnish render—preservation, protection, beautification, sanitation, reduction of cleaning labor, better lighting, and so forth.

CHICAGO BUILDING INCREASE RANKS AS LARGEST

With a gain in 1922 of $102,700,000 over the valuation of its construction for 1921, Chicago showed the largest increase among all the cities of the country. Cities that had gains of $10,000,000 or more in the valuation of construction for 1922 over that for 1921 are Boston, $32,400,000; Chicago $102,700,000; Cincinnati, $12,300,000; Detroit, $36,500,000; Los Angeles, $38,000,000; Memphis, $11,500,000; New York City $52,450,000; Philadelphia, $72,300,000; Pittsburgh, $11,900,000; San Francisco, $24,600,000, and Washington, $23,500,000.

AID FOR HIGHWAYS URGED

That adequate transportation is the most important problem now confronting the American people was strongly emphasized in an address by William G. McAdoo, former secretary of the treasury, at the annual convention of the Dixie Highway Association at Chattanooga, Tenn., May 25. Mr. McAdoo laid special stress on the value federal aid had been in the development of a federal highway system in this country. He urged the members always to uphold that law and to do everything in their power to have it left on the statute books as it is now.

OLD MISSION CEMENT COMPANY SUES ALAMEDA COUNTY

The Old Mission Portland Cement Company has filed two suits in Oakland for the collection of $10,094.94 for cement supplied to M. C. Vaughan, contractor, who disappeared recently after drawing a large check from the county for work on the new Alameda County Highland hospital.

One of the suits makes the county of Alameda, the board of supervisors and all the county officials defendants. In this action the plaintiff sets forth that the county owes Vaughan the sum of $25,000 and seeks to have the court declare that the Old Mission Portland Cement Company has a prior claim for $10,094.94 of this amount.

DECAY OF BUILDINGS TO BE STUDIED BY EXPERTS

London is said to be slowly crumbling away, or at least most of the historic buildings are decaying.

In an effort to ascertain the cause of this crumbling of apparently insoluable stonework, the government has appointed a committee of scientific experts to thoroughly probe the matter.

It is known that stone used in one part of the country will stand unaffected, but if used in another it will decay. This is a mystery the experts have to probe, and it will take considerable time, for it involves questions of chemistry, biology and physics. Among the buildings needing immediate attention are the famous Carlton Club, Tower of London, Houses of Parliament, Holyrood Castle and Tintern Abbey.

ORGANIZATION NEWS

(Continued from Page 5)

LOS ANGELES BUILDERS FAVOR AMERICAN PLAN

Secretary-Manager D. C. Casselman of the Builders' Exchange of Los Angeles, announces that a majority of the board of directors of the Exchange have adopted the following resolutions:

Whereas, the open shop or American plan, has proven for many years an industrial and economic benefit, and has been one of the main factors to the prosperity and development of Los Angelers; and

Whereas, the American shop in principle and practice stands for the right of the employers to employ whoever they please without discrimination and gives them the right to hire and discharge whoever they please, on a basis of compensation, justified by the efforts and power of production of the employes; and

Whereas, the open shop, or American plan, has been adopted and is now being maintained in a very large number of cities throughout the United States; and

Whereas, the open shop in Los Angeles has been maintained without any serious strikes or interruption, notwithstanding the building program has been almost the largest of any city in the United States, and has averaged $12,000,000 a month; and

Whereas, it gives the union and nonunion men equal opportunity for employment at fair wages; therefore be it

Resolved, that the Board of Directors of the Builders' Exchange of Los Angles do hereby declare in favor of open shop conditions, or American plan, in the building industry.

MASTER BUILDERS AT FRESNO PERFECT ORGANIZATION

Attended by more than forty general contractors and house builders, a meeting was held at the offices of the Fresno Builders' Exchange, June 12, at which time the Master Builders' Association was organized and officers for the first year were elected.

The officers are:

President, E. J. Farr; vice president, S. L. Allen; secretary, R. W. Chrouch; directers, E. J. Farr, S. L. Allen, H. W. Allen, W. H. Minard, M. C. R. Nelson, O. D. Atkins, Dan Shorb.

The objects of the new association, according to R. W. Chrouch, secretary-manager of the Fresno Builders' Exchange, is "to bring about a closer cooperation of the general contractors to foster the principle for which the exchange is working, to encourage industrial peace and protect the general public from industrial disturbances."

The new association is an integral part of the Builders' Exchange, the latter being the parent organization, Chrouch explains. The exchange is the parent organization of a considerable number of masters or craft organizations, and under the new arrangement, or association, these various units units will function with greater ease in settling questions involving only one or more crafts.

This is a step forward in a general change in the exchanges' method of detailed operation, according to Chrouch.

MORE BUILDING LET UP

At the recent convention of the National Association of Manufacturers a canvas of the delegates indicated that building operations in all parts of the United States were being halted as a result of the continuing increase in the cost of labor and materials.

In regard to conditions in their factories, fifty manufacturers said that not only were labor and material costs going up but that the ratio of production per man was decreasing. It was said that labor turnover was enormous and demands for higher wages frequent.

A buyers' strike and a recurrence of the depression of 1920 and 1921 were even predicted by some of the manufacturers. Building costs are still quite a ways from the peak of 1920 costs and it would be very difficult to predict to what proportions this reaction will extend.—A. G. C. News-Letter.

Building News Section

APARTMENTS

Plans Being Prepared.
APARTMENTS Cost, $30,000
PITTSBURG, Contra Costa Co., Cal.
Two-story and basement frame and stucco apt. bldg. (12 2 & 3-room apartments).
Owner—Mrs. Noble Heath.
Architect—Jas. T. Narbett, 910 Macdonald Ave., Richmond.

Contract Awarded on a Percentage Basis.
APT. HOUSE Cost, $25,000
RICHMOND, Contra Costa Co., Cal. 16th St. and Macdonald Ave., Richmond.
Two-story and bath hollow-tile apt. house (8 3-room apts).
Owner—F. F. Corba.
Architect—Jas. T. Narbett, 910 Macdonald Ave., Richmond.
Contractor—F. B. Robertson, 338 20th St., Richmond.

Figures To Be Taken in a Few Days.
APARTMENTS Cost $—
SAUSALITO, Marin Co., Cal.
Two-story concrete store and apartment building.
Owner—H. Andler, 1803 Fillmore St., San Francisco, (phone West 4745).
Architect—Schafer.
Bids will be taken both for a general contract and segregated contracts.

Sub-Figures Being Taken By Owner.
APT. HOUSE Cost, $100,000
SAN FRANCISCO, Sutter and Leavenworth Sts.
Six-story fire proof apt. house.
Owner—Withheld.
Architect—Willis E. Huson, Chronicle Bldg., San Francisco.
Separate bids will be taken on excavating, concrete, steel, plumbing, heating, roofing, brick work, ornamental iron, glass and elevators.

Preliminary Plans Being Prepared.
REMODEL Cost, $12,000
SAN FRANCISCO, UNION ST.
Two frame flats being remodeled into 4 apts. and 4 stores.
Owner—Withheld.
Architect — Fabre & Hildebrand, 110 Sutter St., S. F.

Contract Awarded.
APT. BLDG. Cost, $9000
SAN FRANCISCO, E Eddy St. near Jones.
Structural steel for reinforced concrete apartment building.
Owner—Withheld.
Architect—A. H. Knoll, Hearst Bldg., San Francisco.
Contractor—Schrader Iron Works, 1247 Harrison St., San Francisco.

Sub-Contracts Awarded.
APT. BLDG. Cost, $100,000
SAN FRANCISCO, E Taylor 62 S Ellis Street.
Six-story reinforced concrete and steel apartment building.
Owner—D. S. Clinton.
Architect—A. H. Knoll, Hearst Bldg., San Francisco.
Plumbing to J. E. Black & Co., 180 Jessie St., S. F.
Elevators to Otis Elevator Co., Beach and Stockton Sts., S. F.
Wall Beds to Marshall Stearns, Phelan Bldg., S. F.

Plans Being Prepared.
APARTMENTS Cost—
SAN FRANCISCO, Broadway bet. Webster and Steiner.
Five-story reinforced concrete class C apts. (2 6-room apts on each floor)
Owner—M. Gnecco.
Architect—F. E. Young, 2002 California St., San Francisco.
Elevator, incinerator, etc.

Plans Complete — Segregated Figures To Be Taken in a Few Days.
APT. BLDG. Cost—
SAN FRANCISCO, N Pacific Ave., near Central Ave.
Three-story and basement frame apt. bldg., 6 4-room and 8 5-room apts.
Owner—S. A. Schwartz.
Architect — Henry Shermund, Hearst Bldg., San Francisco.
There will be a sub-basement with steel frame which will accommodate twenty cars.

Plans Being Prepared.
APARTMENTS Cost, $125,000
SAN FRANCISCO. Bush and Mason Streets.
Six-story Class B apartment house.
Owner—Withheld.
Architect—C. H. Barrett, Hotel Washington, San Francisco.

Plans Being Figured
APT. HOTEL Cost, $500,000
SAN FRANCISCO, NW Taylor and O'Farrell Sts.
12-story and basement class A apt-hotel 62x112-6
Owner—Matthew A. Little.
Architect—E. E. Young, 2002 California St., San Francisco.

Plans Being Prepared.
APARTMENTS Cost, $25,000
SAN FRANCISCO. N Green St. East of Webster St.
Three-story frame, brick veneer and stucco apartments (6 3-room apts.) also breakfast rooms.
Owner—Robert Wallace Jr.
Architect—O. R. Thayer, 110 Sutter St., San Francisco.
Garage space for six machines.

Contract Awarded.
OAKLAND, Lake District.
APARTMENTS Cost, $——
Two-story frame and stucco apartment house (4 4-room apts).
Owner—A. Davis.
Architect—W. A. Doctor, 410 15th St., Oakland.
Contractor—Harry C. Knight, 388 12th St., Oakland.

LOS ANGELES, Cal.—Archt. Leonard L. Jones, 603 Grosse Bldg., has completed plans for a 3-story brick store and apt. bldg. at cor. Sunset Blvd. and Labaig Ave., for Florence P. Casey; will contain 4 stores and 16 apts. Press. brick facing, 3-sto., enam. brick. trim, comp. rfg. cem. and hardw. fls., plate glass, wall beds, gas rad. htg., aut. water htrs., tile baths and drainboards., O. P. trim, ornam. iron.

LOS ANGELES, Cal. — Richardson Bldg. & Engr. Co., 141 Larchmont Blvd. has been awarded a contract on a percentage basis for all work complete for erecting a 13-story and basement class A apt. house at the n.w. cor. of 6th and Carondelet Sts., for San Jacinto Dwellings Co. Cost, $700,000. Russell & Alpaugh, 1106 Story Bldg., archts. The bldg. will contain 240 rms., arranged in 104 apts; reinf. conc. constr., 100x150 ft., plas. exter., cast stone trim, hardwood inter. trim, wall beds, tiled baths, electric htg system, 2 elevators, refrigerating system. There will also be a 2-story garage, 50x100 ft. of class A constr., on adjoining property to be operated in conjunction with the apt. house.

LONG BEACH, Cal.—The Graham Constr. Co., Room 527, 453 S-Spring St., Los Angeles, has the contract to erect a $150,000, 4-story, own-your-own apt. building at 637 Magnolia Ave., Long Beach, for William Garner, Harry Alsop and associates, 40 Locust Ave., Long Beach. Reinforced concrete and brick construction, foundation, 42x171 ft., 104 rooms divided into 48 apartments. W. Wellington Smith, 245 E-12th St., Long Beach, Architect.

BONDS

TUCSON, Ariz.—An election will be held in the Amphitheater school dist., on June 23, to vote on a $15,000 school bond issue.

FRESNO, Fresno Co., Cal.—Election will be held July 6 in Alvina School District to vote bonds of $5000 to finance school improvements. Trustees of district are: A. W. Johnson, C. R. DeMaster and O. D. Cook.

TULARE, Tulare Co., Cal. — City votes bonds of $7500 to purchase site and $14,000 to finance construction of new fire station.

TULARE, Tulare Co., Cal.—Bonds of $8000 voted at recent election to finance remodeling of city hall.

SAN JOSE, Santa Clara Co., Cal.—Blds will be rec. by county supervisors July 2 for purchase of $10,000 bond issue of College Park School District; proceeds of sale to finance shcool improvements.

BRAWLEY, Imperial Co., Cal. — An election will be held in Brawley union high school dist. to vote on a $30,000 bond issue for repairs, etc., to main high school bldg. Trustees: H. E. Patterson, L. A. Strieby, W. C. Eaton, H. R. Andre, and A. L. Seblile.

SAN JOSE, Santa Clara Co., Cal. — County supervisors sell $11,000 bond issue in Burbank School District for premium of $26; proceeds of sale will finance school improvements.

BAKERSFIELD, Kern Co., Cal. — Election will be held July 9 in Poplar School District to vote bonds of $6000 to finance school improvements. Trustees of district are: A. W. Sargeant and N. E. Vandam.

LIVERMORE, Alameda Co., Cal.—Election will be held July 7 in Mountain House School District to vote bonds of $7,000 to finance school improvements. Trustees of district are: Wm. Saxouer, Mrs. Lillian Monroe and Mrs. Lillie Saxouer.

DINUBA, Tulare Co., Cal.—Election will be held July 11 in Dinuba School District to vote tax of $14,690 to finance school improvements. Trustees of district are: Karl H. Lewis, Tracy Rose and R. T. White.

LOS GATOS, Santa Clara Co., Cal.—Bonds of $250,000 voted to finance construction of new high school, plans for which are being completed by Architect W. H. Weeks, 369 Pine St., San Francisco.

NAPA, Napa Co., Cal.—Election will be held July 17 in Browns Valley School District to vote bonds of $5000 to finance school improvements. Trustees of district are: Geo. L. Throne, Margaret Munk and R. E. Minahan.

CHURCHES

Plans Being Figured.
CHURCH Cost, $50,000
STOCKTON.
Reinforced concrete church.
Owner—Zion Lutheran Church.
Architect—Ward & Blohme, 454 California St., San Francisco.
Figures are being taken for a selected list of contractors, mostly of Stockton.

Sub-Contracts Awarded.
PLASTERING Cost, $38,200
SAN FRANCISCO, Mission St., bet. 3rd and 4th St.
Plastering St. Patrick's church bldg.
Owner—Roman Catholic Archbishop, 1100 Franklin St., San Francisco.
General Contractor—Grace & Bernieri, Claus Spreckels Bldg., S. F.
Sub-Contractor—Emil Valentino, 1047 Ingerson Ave., S. F.

Contract Awarded.
ELEVATORS Cost, $4000
SAN FRANCISCO, Filbert & Powell Sts.
Elevators for St. Peters and Paul's Church.
Owner — Roman Catholic Archbishop, 1100 Franklin St., San Francisco.
Architect—Chas. Fantoni, 550 Montgomery St., San Francisco.
Contractor—Otis Elevator Co., Beach and Stockton Sts., San Francisco.

SANTA MONICA, Los Angeles Co., Calif.—Archts. Allison & Allison, 1405 Hibernian Bldg., Los Angeles, are preparing plans for a new church, Sunday school bldg. and rectory to be erected at Santa Monica for the Church of St. Augustine by the Sea. The Sunday school bldg. will be erected at the present time. It will be 2-story, 100x 100 ft., brick constr., stucco exter., cast stone trim, comp. rfg., etc.

LOS ANGELES, Cal.—Archts. Train & Williams, 226 Western Mutual Life Bldg., have completed plans for the institutional bldg. in connection with the church to be erected at Los Angeles and Marchessault Sts., for the Plaza Community Center Church. The church will be 48x84 ft., main auditorium with balcony and social rooms in the basement. The institutional bld will be 4-sto. 40x 84 ft. and will contain social rooms, executive offices, clinics, clubrms, hospital wards and class rms. for educational work. Class A steel frame constr. reinf. conc. fls. and curtain walls, stucco exter., cast stone or Tuffa stone trim, clay tile and comp rfg., gypsum lk. and metal lath and plas. partitions, steel roof trusses, elevator, steam htg., $150,000.

HUNTINGTON PARK, L. A. Co., Cal.—Archt. Harold Cross, 905 Merchants Natl. Bank Bldg., is completing plans and will take bids next week for erecting a new Sunday school bldg., in Huntington Park, for the Huntington Park Baptist Church; will contain about 30 class rooms, with assembly hall. Frame and brick veneer ionstr., 3-sto., 62x75 ft., hardwd. fls., gas rads., lomp. rfg., steel plate girders, press. brirk facing, water htr.

FACTORIES & WAREHOUSES

SAN BERNARDINO, Cal.—Plans will be started at once on the boiler and erecting shops to be built in this city by the Santa Fe Ry. as part of the $1,500,000 bldg. program for 1923. Designing will be in charge of Chief Eng. R. B. Ball, Los Angeles. Bids will be called for sometime this summer.

Plans Being Enlarged. To be Refigured.
GARAGE, ETC. Cost, $——
SAN FRANCISCO, S Eddy St. 87-6 E Hyde St.
Two-story and basement reinforced concrete store and garage building designed to carry 4 stories.
Owner—L. W. Allen.
Architect—O'Brien Bros., 315 Montgomery St., San Francisco.
Bids have been taken for a one-story structure, but will be refigured for the second story.

Contract Awarded.
LOFTS Cost, $52,000
SAN FRANCISCO, S Howard bet. 1st & 2nd Streets.
Two-story and basement concrete lofts
Owner—Pacific Gear & Tool Works.
Architect—D. C. Coleman, 1171 Market St., San Francisco.
Contractor—Matt N. Brady, Monadnock Bldg., San Francisco.

Contemplated.
WAREHOUSE AND WHARVES.
PETALUMA, Sonoma Co., Cal.
Steel frame and stucco warehouse, landing station, depot, 96x100, and wharves.
Owner and architect—Prof. J. A. Kenney, Petaluma.
NOTE—If the buildings are erected they will be leased to the Bay Transport Co. of S. F.

Contract Awarded.
WAREHOUSE Cost—
RICHMOND, Contra Costa Co. Cal. 20th St. and Santa Fe track.
One-story frame and corrugated iron warehouse 50x100.
Owner—F. A. & C. V. Mero, of Richmond Roofing Co., 401 16th St., Richmond.
Contractor—P. M. Sanford, Builders' Exchange, Richmond.

Figures To Be Taken Shortly.
FACTORY Cost, $20,000
SAN FRANCISCO, 25th bet. Potrero Ave. and Utah St.
Two-story class C concrete factory.
Owner—Williams Bros. Aircraft Corp. 124 Van Ness Ave., S. F.
Architect—R. R. Irvine, 736 Call Bldg., San Francisco.

Plans Being Prepared.
ADDITION Cost, $6000
OAKLAND, Alameda Co., Cal. Foot of Nineteenth Avenue.
Corrugated iron addition to plant.
Owner—California Foundries, Inc., 950 19th Ave., Oakland.
Engineer—R. Vane Woods, 505 17th St., Oakland.

SAN BERNARDINO, Cal.—The Santa Fe Railway Co. is having plans prepared by its engineering department for new shop buildings to be erected at San Bernardino. The work will include an addition to the machine shop, new boiler house and a pipe and tin shop. The buildings will be of reinforced concrete and steel construction and will cost more than $1,000,000.

ANAHEIM, Orange Co., Cal.—George Whitcomb, Orange, has applied to city trustees for permit to erect a brick and tile manufacturing plant on the Bastanchury ranch.

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SAN FRANCISCO, CALIF.

SAN PEDRO, Cal.—Architect A. C. Martin, 431 Higgins Bldg., is completing plans and will take bids soon for the erection of a 5-story Class A warehouse to be erected at San Pedro and Commercial Sts. for L. A. Warehouse Co. It will be 100x160 ft., reinforced concrete construction, basement, comp. roofing, steel sash, elevators, steel rolling doors, concrete floors, metal skylights, wire glass, sprinkler system.

REEDLEY, Fresno Co., Cal. — The North Dinuba Packing Co., of Dinuba, has leased site at 9th and I streets and will erect a modern packing plant having a daily capacity of 4 cars of grapes. H. A. McMullen, mgr. of company.

TORRENCE, Cal. — Western Sheet Glass Co., headed by Adolph Sleroty, will take over the Torrance Glass Co.'s holdings at Torrance and will expend $1,000,000 for enlargements to the plant. The company will manufacture plate, wire and art glass. Member of new organization are: A. Asher, R. H. Raphael, Chas. Bisby and Adolph Sieroty.

ONTARIO, Cal.—Chamber of Commerce has signed contract with Ontario Motor Products Co., assuring the establishment of a new factory here. The company manufactures automobile specialties and is at present located at El Paso, Texas, and has about $50,000 equipment and machinery which will be moved to Ontario. The new site is on the S. P. tracks, near the Southern Counties Gas Co. Construction of the bldg. will start within a week.

OROVILLE, Butte Co., Cal.—Davison & Nicholsen, 736 W Lafayette St. Stockton, at approx. $50,000 (revised bid) awarded cont. to const. frame and corru iron cannery building for Wyandotte Canneries, Inc. Original bid was $72,-200. J. L. Webster, Chico, bid $74,560.

FLATS

Plans Being Figured—Bids Close June 26.
FLATS Cost, $14,000
RICHMOND, Contra Costa Co., Cal., Barrett Ave., bet. 8th and 9th Sts.
Two-story and basement brick (4) flats
Owner—James Walker.
Architect—Jas. T. Narbett, 910 Macdonald Ave., Richmond, cal.
Plans on file in office of Builders' Exchange, Richmond.

Contract Awarded.
ALTERATION Cost, $6495
SAN FRANCISCO, Scott and Union Sts.
Alter and add to flats.
Owner—Estate of Chas Lathrop, Grant Ave. and Market St.
Architect—Vernon W. Houghton, 275 Post St., S. F.
Contractor—Matthies & Gale, 185 Stevenson St., San Francisco.
Contract on papering and interior painting awarded to Fred Wagner, 313 Scott St. at $2480.

GARAGES

Sub-Figures Being Taken.
GARAGE Cost, $80,000
STOCKTON, San Joaquin Co., Cal. American & Channel Sts.
Two-story and basement reinforced concrete auto sales and garage building 100x100.
Owner—Davis-Heller-Pearce Co., Delta Bldg., Stockton.
Architect & Contractor—Davis-Heller-Pearce Co., Delta Bldg., Stockton.
Lessee—Studebaker Agency.
Excavating has been started.

Contract Awarded.
GARAGE Cost, $16,000
ALAMEDA.
One-story brick garage.
Owner—M. Franck, 1340 Park St., Alameda.
Architect—A. A. Cantin, 68 Post St., San Francisco.
Contractor—E. A. Randlett, 1534 Chestnut, Alameda.

SAN FRANCISCO—See "Banks, Stores & Offices," this issue.

GOVERNMENT WORK AND SUPPLIES

Plans Being Figured.
ALTER. & ADD. Cost—
FORT MASON.
Alter and add to steam main and heating of seven buildings.
Owner—U. S. Government.
Architect—Constructing Quartermaster Office, O. W. Degen, chief engineer and archt., Fort Mason.
Plans may be obtained from constructing quartermaster's office.

Contract Awarded.
VAULT Cost, $675
SAN FRANCISCO, Fort Mason.
One-story reinforced concrete narcotic vault 20x20 (large steel vault door etc.)
Owner—U. S. Government.
Architect—Constructing Quartermaster Office, O. W. Degen, chief engr. & architect, Fort Mason.
Contractor—Hermann Safe Co, 216 Fremont St., S. F.

SAN FRANCISCO—Until June 25, 11 A. M., bids will be rec. by Constructing Quartermaster, Fort Mason, for altering and extending heating system at Letterman General Hospital. **See call for bids under official proposal section in this issue.**

SAN FRANCISCO—Until June 26, 11 A. M., bids will be rec. by Constructing Quartermaster, Fort Mason, to construct ornamental wire fence at Fort Mason. **See call for bids under official proposal section in this issue.**

SEATTLE, Wash.—Until July 2, 11 A. M., bids will be rec. by Alaskan Engineering Commission, Bell St. Terminal, under Circular No. 615, for fur. and del. steam chest covers and truck wheel tires for locomotives, solid steel wheels and C. I. wheels. Copies of circular may be obtained upon application from Alaskan Engineering Commission, 204 New Post Office Bldg., Portland, Ore., and 306 Custom House, San Francisco, Calif.

SAN FRANCISCO, Cal. — Bids were opened on June 18th by the Supervising Superintendent of Construction for steel filing equipment for the Los Angeles Post Office. Bids were taken under advisement.
Yowman & Erbe Mfg. Co., 132 Sutter St. S. F., $2260.45; time, 30 days.
Steel Fixture Mfg. Co., Topeka, Kan., $2631.15; 60 days.
H. S. Crocker Co., S. F., $2700.40; 60 days.
Van Dorn Iron Wks., S. F., $2876.65; 90 days.
Globe Wernicke Co., S. F., $2992.26; 60 days.
McKee & Wentworth, S. F., $3246; 126 days.
Rucker Fuller Desk Co., S. F., $3283.83; 120 days.

WASHINGTON, D. C.—Bids are being rec. by Bur. of Yards and Docks, Navy Department, for fur. supplies to navy yards, as follows; date for opening bids as noted at end of each paragraph:
Schedule 941, for Puget Sound, Wash., 495 ft. rubber suction hose, 2½ in. in dia., 9-ft. lengths, July 3.
Sched. 942, for Puget Sound, Wash., 4800 lbs. wiping solder, July 3.
Schedule 944, for Puget Sound, Wash., about 70 square slate, July 3.
Sched. 945, for Puget Sound, Wash., 4315 lbs. hard-drawn seamless copper tubing, July 3.
Schedule 943, for mare Island, Cal., 1 200-k. w. motor generator set, complete, with 4 panel switchboards, July 3rd.
Sched. 947, for various navy yards, large quantities of mineral oil, June 26.
Sched. 951, for various navy yards, coke, July 3.
Sched. 956, for Mare Island, Calif., 1100 ft. brake lining for motor trucks, July 10.

WASHINGTON, D. C.—Olaf Nelson, San Diego, at $1379, time 20 days, awarded contract to construct new sea wall at quarantine station, San Diego, California.

LONGMIRE, Wash. — Until July 2, bids will be rec. by Chief Engineer, National Park Service, at Mt. Rainier Natl. Park, Longmire, Wash., to fur. and erect complete a steel cable suspension highway bridge of 198 ft. span. Plans obtainable from office on deposit of $3.

WASHINGTON, D. C.—Until July 18, 11 a. m., bids will be rec. by Bureau of Yards and Docks, Navy Department, under Spec. No. 4761, to const. extension to existing building at Naval Operating Base (Submarine Base), Pearl Harbor, T. H. **See call for bids under official proposal section in this issue.**

PACIFIC FURNITURE COMPANY
Oakland, Calif., June 18, 1923.

Clarence Sand Pratt, President,
Pratt Rock & Gravel Co.,
San Francisco, Calif.

Dear Sandy: I'm not a builder, so I don't know what I'd do with the carload of rock or sand you want to give away in your famous naming contest for a commercial name for your new crushed rock—however, I could use the stock either preferred or common, so here goes:
"Pratt's Folsomrock," "Pratt's Crusht Goldrox," "Prattrox," "Pratt's Placerox"
or use e'm without the name altho that weakens 'em, sound more euphonious.
BOB KARGER, Credit Manager.

3858 Market Street, San Francisco, June 18, 1923.

Clarence Sand Pratt, President,
Pratt Building Material Co.,
518 Hearst Building,
San Francisco, Calif.

Dear Sir: I have watched with interest your contest in the Daily Pacific Builder for a good trade or commercial name for your new crushed rock, and wish to take part in it myself. I submit the following names for your approval:
"Pratt's Golderush," "Pratt's Kleen Kut," "Pratt's Pure Gold," "Pratt's Pride," "Pratteo Dredgerock"
Here's hoping that I win one of the prizes.
Yours very truly,
W. E. DUCOTEY.

DIAMOND MATCH CO.
Lumber
Maxwell, Calif., June 16, 1923.

Clarence Sand Pratt, President,
Pratt Bldg. Material Co.,
518 Hearst Bldg.,
San Francisco, Calif.:

Gentlemen: I beg to submit the following names in your contest for Prattrock Material, viz.:
"Pragco," "Crusco," "Cragco," "Pratt's Crush," "Prattrock Mix," "Pratt's Preferred," Prattrogra."
Yours very truly,
A. D. SCHWENLS.

1013 Eye St., Sacramento, June 16, 1923.

Dear Sandy Pratt:—I submit the following names in your contest:
"Rock of Ages," "Rock O Frages" (frayed), "Rock for Ages
CHARLIE PRETTYMAN.

THE EQUITABLE LIFE ASSURANCE SOCIETY OF THE UNITED STATES
Sacramento, June 16, 1923.

Mr. Clarence Sand Pratt,
San Francisco, Calif.:

Dear Sandy:—Enclosed find suggested names as per your letter of the 4th:
"Chirosa"—California Rock & Sand
"Conrosa"—Concrete Rock & Sand
"Pratgaroc"—Pratt's Gravel & Rock
"Pratt's Granroc"
Trusting some of the above will help you solve your problem, I am,
Yours very truly,
RALPH D. VIANELLO.

HERE ARE five letters.
• • •
OUT OF 107 answers.
• • •
IN SANDY Pratt's famous contest.
• • •
FOR A commercial name.
• • •
FOR PRATT'S new crushed rock.
• • •
FROM PRATTROCK, near Folsom.
• • •
AND CLARENCE Sand Pratt, President.
• • •
OF THE Pratt Building Material Co.
• • •
DOUGLAS 300—"easy to remember."
• • •
WILL BE glad to have you.
• • •
SEND IN more names.
• • •
FOR THE best crushed rock.
• • •
IN THE world.
• • •
TO BE sold.

BY SANDY Pratt, producer.
• • •
OF THE best clean sand.
• • •
IN THE world.
• • •
"I THANK you."

Mr. Thomas Catt, president of the Knight Singing Society of Prattrock, home of Sandy Pratt's new Pratt Rock & Gravel Co., where there are 125,000 carloads of hard cobbles or enough rocks to kill all the cats in the world.

WASHINGTON, D. C.—Until June 29, 10:30 a. m., bids will be rec. by Panama Canal Commission, under Circular No. 1534, for fur. and del. Balboa, Pacific Port): Iron and steel, steel and bronze roue, special bronze, sheet copper, iron or steel pipe, dynamite, detonators, Manila and cotton rope, lamp cord, steel springs, guide bars, bronze (springs, strips, bars, bolts, and straps), valves, unions, glass, pressure switch, air separators, elevator switches and gears, milk bottles and caps, hose, pumps, gasoline meters, hydrants, ranges, switch locks, hacksaw blades, shovels, wrenches, , jacks, cable clips, ladders, mop handles, oars, screening, cans, water coolers, brushes, nails, bolts, nuts, screws, grommets, tacks, files, ship felt, oakum, linoleum, tires, calcium carbide, asphaltum, solder, mastic flooring and flux, alumina sulphate, caustic soda, linseed oil, paints and varnishes, switch oil and emery cloth. Copies of Circular may be obtained from Assistant Purchasing Agent, Fort Mason, San Francisco.

SEATTLE, Wash.—Until July 2, 11 a. m., bids will be rec. by Alaskan Engineering Commission, Bell Street Terminal, for fur. and del. under Order No. 615, steam chest covers for locomotives, steel truck wheel tires, solid steel wheels and cast iron wheels. Specifications on file in San Francisco office of Commission, 306 Customhouse.

SAN FRANCISCO—Until July 6, 11 A. M., bids will be rec. by U. S. Engineer Office, 85 2nd St., for fur. and del. electric motor for 20-in. centrifugal pump with impeller about 5 ft. in dia. Motor to be 1,000-HP., 3 phase, 60 cycle, 2200 volt, 50 centigrade rise, variable speed, induction motor of open ventilated type. Further information on request.

WASHINGTON, D. C. — Following blds rec. by Bureau of Yards and Docks Navy Department, under Specification No. 4765, to construct, complete, 2 barracks buildings at San Diego:

Union Construction Co., 351 California St., San Francisco, item 1, $33,990, 150 days.

G. E. Engineering Co., 449 W 42nd St. New York city, item 1, $48,367, 180 days.

Frank Doran, 345 Spreckles Bldg., San Diego, Calif., item 1, $36,700, 150 days.

R. E. Campbell, San Diego, Cal., item 1, $42,600.

Wright Bros., 4581 Edgeware road, San Diego, Calif., item 1, $37,029, 150 days.

HALLS AND SOCIETY BUILDINGS

Plans Ready for Figures in Ten Days—To Be Submitted to Vallejo Contractors Only.
LODGE & STORE Cost, $60,000
VALLEJO, Georgia St.
Three-story reinforced concrete lodge and store building.
Owner—Samoset Tribe of Red Men, Vallejo.
Architect—Chas. Perry, 514 Main St., Valjejo.

Commissioned To Prepare Plans.
LODGE BLDG. Cost, $150,000
RICHMOND, Contra Costa Co., Cal., Nevin Ave., near 7th St.
Class A lodge bldg. (Height not decided).
Owner—Masonic Hall Association.
Architect—Jas. T. Narbett, 910 Macdonald Ave., Richmond.

Contractor Taking Sub-Figures.
ALTERATION Cost, $30,000
BURLINGAME
Alter and add to club bldg.
Owner—Burlingame Country Club.
Architect — Louis Schaek and Chas. Sumner, 57 Post St., S. F.
Contractor—Grace & Bernieri, Claus Spreckels Bldg., S. F.

Plans Being Figured.
AUDITORIUM Cost, $100,000
MARYSVILE, Yuba Co., Cal.
Two-story concrete and steel American Legion Memorial Auditorium.
Owner—Yuba County.
Architect, Miss Julia Morgan, Merchants' Exchange Bldg., S. F.
Bids are being taken by W. H. Carlin, County Clerk, Ellis Block, Marys-

Plans Being Prepared.
ALTERATION Cost—
SAN FRANCISCO, Mason St.
Alter and add for gymnasium (swimming pool, hand-ball court, steamroom, showers, etc.)
Owner—Native Sons Athletic Club, 340 Mason St., San Francisco.
Architect — Alfred Schroeper & Wm. Mooser, Foxcroft Bldg., S. F.

Sketches Being Prepared.
BUILDINGS Cost—
CONTRA COSTA CO., Cal.
Eight memorial bldgs. to be erected in different town sites as community club centers.
Owner—American Legion.
Architect—Jas. T. Narbett, 910 MacDonald Ave., Richmond.
ville.

LOS ANGELES, Cal.—Archts. Allison & Allison, 1405 Hibernian Bldg., L. A., are preparing plans for a new clubhouse to be erected at Pasadena for the Shakespeare Club. It will be English style, brick constr., slate roofing; cost $85,000.

LONG BEACH, Cal.—Archts. Hugh R. Davies and Edward J. Baume, assoc., 514 Marine Bank Bldg., Long Beach, have prepared preliminary sketches for an 8-story class A club bldg. to be erected for the recently organized Pacific Club of Long Beach.

LONG BEACH, Cal.—Steve Mitchell, kleagle of the Long Beach lodge of the Klu Klux Klan, has announced the appointment of a committee to promote the erection of a $100,000 "klavern" bldg. on a site owned by one of the members.

LANKERSHIM, L. A., Cal.—Knights of Columbus lodge is having plans prepared for a gymnasium and club bldg. to be erected at cor. Cumpton and Lankershim Blvd. The bldg. to be open to the public, will be erected by the Columbus Bldg. Assn. Two-sto and basement, 54x132 ft., gymnasium in base., stores on first floor, with social hall and club quarters above. A swimming pool is included. Thomas Humphrey, J. M. Mulhall and John Walford are members of the committee.

HOSPITALS

Contract Awarded.
NURSES' HOME Cost, $76,000
SAN FRANCISCO, Anza and 6th Ave.
Four-story and basement brick nurses' home.
Owner—French Hospital, premises.
Architect—Fabre & Hildebrand, 110 Sutter St., San Francisco.
Contractor—H. H. Larsen Co., Monadnock Bldg., S. F.

SAN DIEGO, Cal. — Bids are being taken for the construction of the new St. Joseph's hospital to be erected at the north end of Fifth St. by the Bishop of San Diego and Los Angeles. Est. cost, $500,000. Plans have been prepared by I. E. Loveless, San Diego. Structure will be of class A reinf. constr., with tile filled walls, mission style, 6-sto., 260 ft. long, 44 ft. wide, with proposed wings 100x42 ft. each, to be built later. It will accommodate 168 beds, and will have completely equipped operating, X-ray, obstetrical, sterilizing, and other depts. of modern hospital. Intercommunicating phone system, vacuum cleaning apparatus, elevators, refrigerating and ice-making plant, etc. Latest scientific instruments and equipment will be used throughout. John J. Cantwell, Higgins Bldg., Los Angeles, presiding bishop and titular head of the hospital.

EUREKA, Humboldt Co., Cal.—A. N. Foster, Eureka, at $3500 awarded contract by county supervisors to remodel kitchen in county hospital. Nathan Dohrman Co., San Francisco, at $2400 awarded contract to fur. and install. kitchen equipment.

BAKERSFIELD, Kern Co., Cal. — Until July 23, 10 a. m., bids will be rec. by F. E. Smith, county clerk, (1) electric work, (2) plumbing fixtures, (3) painting, (4) finish hardware and (5) elevators for four buildings and connecting tunnels, etc., of county hospital group. Chas. H. Biggar, architect, 405 Bank of Italy Bldg., Bakersfield. **See call for bids under official proposal section in this issue.**

HOTELS

Figures to be Taken in a Few Days.
HOTEL Cost, $250,000
MONTEREY, Monterey Co., Cal.
Three and four-story reinforced concrete or hollow tile hotel (about 200 rooms).
Owner—Romie Jacks, Monterey.
Architect—O'Brien Bros., 315 Montgomery St., San Francisco.

Plans Being Figured
REMODEL Cost, $8000
SAN FRANCISCO, East St., bet. Mission and Howard.
Remodel 4-story hotel and store bldg.
Owner—Admiral Hotel, premises.
Architect—A. H. Knoll, Hearst Bldg., San Francisco.

WILMINGTON, L. A. Co., Cal.—A. Godfrey Bailey, 410 Junior Orpheum Bldg., has completed plans for a 4-sto. class C brick store and hotel bldg., to be erected at Wilmington for the Harbor Cities Housing Corp., Mr. Corbusier pres., 711 E Anaheim Blvd. It will contain stores on the first fl. with about 100 rms. on the upper fls., dimensions, 80-126 ft., brick walls, press. brick facing, plate glass, steel beams, comp. rfg. pine trim, steam htg., baths, elevator, pine trim; $112,000. The owner will take bids on general contr. soon.

PASADENA, Cal. — Archt. H. W. Charlton, 333 San Fernando Bldg., has completed plans for a 4-story class C hotel bldg. to be erected at 1043 W 6th St., for H. A. Strange. Brick, 58x143 ft. comp. rfg., terrazzo, cement and O. P. fls., steam htg., caen stone walls and ceiling lobby, elec. aut. elevator, marble, tiled baths, plate glass, staff; will contain 2 stores, large cafeteria and 100 rms. each with bath. The owner will erect by day labor and sub-contract; $150,000.

GLENDALE, Cal. — Glendalia Hotel Co. is to be incorporated at once with $500,000 capital stock to build a 4-sto. and basement hotel bldg., 104x150 ft. at California St. and Brand Blvd.; will have 11 shops and lobby on 1st fl., upper 3 fls. to be divided into 50 hotel rms. with baths and 50 2-rm. and bath apt. suites; elevators, central heating plant, refrigerating sys., brick constr., with terra cotta trim; finance committee consisting of Mattison B. Jones, J. A. Endicott, R. F. Kitterman, J. B. Burn, D. H. Smith and Dr. E. H. Parker, state financial arrangements are assured but no archt. yet selected.

LA JOLLA, San Diego Co., Cal. — Mrs. Isabelle Hopkins is having plans prepared for a Spanish type hotel to be erected by her near the ball park. The proposed bldg. will contain 100 rms Cost, $250,000.

JOOST BROTHERS
Builders' Hardware
Tools, Etc.
(Members Builders' Exchange)
1053 MARKET ST.
Phone Market 891 San Francisco

ICE AND COLD STORAGE PLANTS

ELKO, Nev.—Ed. Carville, Elko businessman, will erect a $20,000 cold storage and ice plant on the site of the present Silver Brick Hotel. Plans will be constructed to permit additional units to be added at a later date.

ORANGE, Orange Co., Cal.—Orange Mutual Citrus Assn. has announced plans for a $45,000 packing plant here. The Central Lemon Assn., Villa Park, also reports plans for $60,000 plant here.

POWER PLANTS

SALT LAKE CITY, Utah—Utah Power and Light Co., announces it will construct one of the largest hydro-electric projects in the West, involv. an expenditure of approximately $10,000,000. Construction will be started when authorization is received from the Federal Power Commission. Project includes the construction of a hydro-electric generation station at Fleming Gorge on the Green River in Utah, about 5-mi. below the Utah-Wyoming boundary line; transmission line will carry power to terminal at Salt Lake from whence points for consumption. The projected plant would furnish 60,000 h. p. if required.

SAN FRANCISCO—Until July 3, 12 M., bids will be rec. by F. W. Taylor, Purchasing Agent, Southern Pacific Co., 65 Market St. (Room 952), for 14 induction motors of various capacities ranging from 10 to 150 HP. Copies of spec. obtainable from above.

PUBLIC BUILDINGS

Contracts Awarded.
CITY HALL Cost, $459,000 approx.
STOCKTON, San Joaquin Co., Cal., El Dorado, Centro, Fremont and Lindsey streets.
Class A city hall.
Owner—City of Stockton.
Architect—J. Pearce, of Davis-Heller-Pearce Co., Jos. Losekann and Pete Sala, as a firm, Delta Bldg., Stockton.
General contract awarded to Howard S. Williams 150 Jessie S. S. F., awarded on original bid of $288,000 omitting Proposition A & B (omit granite and terra cotta work and use cement plaster) and including Proposition E, I, J, M, and N.
Complete Mechanical Equip. (Plumbing, heating, ventilating and electrical work) to Edw. L. Gackow, 647 E. Main St., Stockton, $61,068 (omitting Proposition F "Fire Alarm System," for which a deduction of $1211 was made).
Jail equipment to Ralston Iron Works, 20th and Indiana Sts., S. F., $36,465.

FRESNO, Fresno Co., Cal.—County Grand Jury will recommend that $200,000 of the highway funds be appropriated to finance construction of a new wing for the courthouse. Preliminary plans for this addition have been prepared by Architect Eugene Mathewson, Cory Bldg., Fresno.

MODESTO, Stanislaus Co., Cal.—Until July 10, 10:30 a. m., bids will be rec. by C. C. Easton, Jr., county clerk, to construct Juvenile Detention Home. Jas. H. Hoss, architect, Ramont Bldg., Modesto. **See call for bids under official proposal section in this issue.**

RICHMOND, Contra Costa Co., Cal.—The following bids were received on June 18th, A. C. Ferris, clerk of the City of Richmond, for the construction of an addition and alterations to the Carnegie Library. Plans were prepared by Architect W. H. Weeks, 369 Pine St., San Francisco. Bids were taken under advisement for a week.

Proposition (1) General construction, erection and completion in connection with alteration and additions, not including book lift nor tinting of walls and ceiling of present first floor.
(2) Book lift furnished and installed complete.
(3) Two coats of washable wall paint on walls and ceiling of present first floor rooms add to Prop. No. 1 the sum of
(4) Special fixture and furniture work installed complete and move and re-install present cases as per specifications.
(5-A) Battleship linoleum on basement floor.
(5-B) Battleship linoleum on first floor.
(6) Heating system.
Cobby & Owsley, Call Bldg., S. F., (1) $22,990, (2) $1000, (3) $300, (4) $12,450, (6-A) $1180, (5-B) $500.
Norman E. Anderson, Richmond, (1) $26,250, (2) $990, (3) $175
C. M. Sanford, Richmond, (1) $25,400, (2) $1000, (3) $200.
Murray & Co., 226 Webster St., Oakland, (6) $4297.
D. N. & E. Walter Co., 562 Mission St., S. F., (5-A) $1017.85, (5-B) $433.75.
Bonded Floors Company Inc., 625 Market St., S. F., (5-A) $1164.79, (5-B) $577.43.
W. & J. Sloane, 224 Sutter St., S. F., (5-A) $886.50, (5-B) $341.36.
C. F. Weber & Co., 985 Market St., S. F. (4) $5641.50, (5-A) $1068.85, (5-B) $455.
F. W. Wentworth Co., 2nd & Stevenson Sts., S. F., (4) $11,082.29.
Rucker Fuller Desk Co., 677 Mission St., S. F., (4) $11,537.
M. G. West Co., 115 Front St., S. F., (4) $12,450.

RED BLUFF, Tehama Co., Cal.—Until July 2, 10 a. m., bids will be rec. by H. G. Kuhn, county clerk, for fur. and install furniture in new county courthouse. Cert. check 10% payable to chairman of br. of sups. req. with each bid. Lists of materials desired obtainable from clerk.

SAN GABRIEL, Los Angeles Co., Calif.—The board of trustees of San Gabriel rejected all bids for erecting a new City Hall Bldg. at San Gabriel. Walker & Eisen, 325 Pac. Finance Bldg., archts. The plans will be revised and the work readvertised. The bids received were as follows: J. S. Metzger & Son, $47,931; R. S. Martin, $49,000; R. Westcott Co., $50,395; J. Tryon, $51,200; Hansen & Gruneau, $52,880; F. H. Whytec, $53,800.

SACRAMENTO, Cal. — Bids were opened on June 15th by George B. McDougall, State Architect, Chief, Division of Architecture, for the construction of a two-story reinforced concrete and frame Employees Cottage to be erected at Agnew, State Hospital, Angew, Santa Clara County. Bids were taken under advisement.
Carl H. Peterson, Sharon Bldg., San Francisco, $73,480, 180 days.
Morrison Bros., Santa Clara, $79,581, 175 days.
John Madson, Palo Alto, $79,884, 120 days.
Davison & Nicolsen, Stockton, $80,800, 120 days.
D. J. Bryon, 82,587.
Sampel & Cody, San Francisco, $89,100.

SANTA ANA, Orange Co., Cal.—Architect Frederick H. Eley, Santa Ana, has been instructed by county supervisors to proceed with plans for the new parental home to be erected on Grand Ave., bet. Santa Ana and Orange. Bldg. will be of concrete constr., 1-sto. 120x120 ft., with quarters for 20 boys and 20 girls, supt. and assistants; kitchen, dining rooms and social rooms. Date for bids has not been set.

RESIDENCES

Plans Being Prepared.
BUNGALOWS Cost, $9000 each
BURLINGAME, San Mateo Co., Cal.
Two one-story frame bungalows.
Owner—Sterling Realty Co.
Architect—Chas. E. J. Rogers, Phelan Bldg., San Francisco.

Contract Awarded.
RESIDENCE Cost, $23,500
SAN MATEO, San Mateo Co., Cal., San Mateo Park.
One-story and basement frame and stucco residence and garage (8 rms and 4 bathrooms).
Owner—J. C. Fyfe, 515 Almer, San Mateo.
Architect—Chas. E. J. Rogers, Phelan Bldg., San Francisco.
Contractor—S. A. Wisnom, A and 2nd Sts., San Mateo.

Contract Awarded on a Percentage Basis.
RESIDENCE Cost, $40,000 approx.
PIEDMONT, Alameda Co., Cal., Seaview Avenue.
Two-story and basement frame and stucco residence.
Owner—Mr. Wilson, of Wilson Bros. & Co., 110 Market St., San Francisco.
Architect — B. G. McDougall and J. Martyn Haenke, 381 Bush St., San Francisco.
Contractor—Chas. Stockholm & Son, Monadnock Bldg., S. F.

Figures To Be Taken Next Week.
RESIDENCE Cost, $10,000
SAN MATEO, San Mateo Park.
One-story 6-room frame residence and garage.
Owner—Mr. Ross.
Architect — Ernest Norberg, Balboa Bldg., San Francisco.

Contract Awarded.
SUPT. COLLEGE Cost, $10,275
OAKLAND, Alameda Co., Cal., Mills College Grounds.
Frame and stucco superintendents college.
Owner—Mills College.
Architect—W. H. Ratcliff Jr., 1st Natl. Bank Bldg., Berkeley.
Contractor—D. Nordstrom, 4146 Emerald St., Oakland.

SCHOOLS

Commissioned to Prepare Plans.
SCHOOL Cost, $16,000
STOCKTON, San Joaquin Co., Cal. 12 Miles from Stockton.
One-story 2-room brick grammar school with tile roof.
Owner—Castle Rock School District.
Architect — Davis-Heller-Pearce Co., Delta Bldg., Stockton.

Plans Being Prepared.
GARAGE, ETC. Cost, $——
VISALIA, Tulare Co., Cal.
Garage, 40x90 ft. and 36x48 ft. addition to Science Bldg.
Owner — Visalia Union High School District.
Architect—Ernest J. Kump Co., Rowell Bldg., Fresno.

LIGNI-SALVOR
60 Crude Carbolic Acid in Insoluble Form
Douglas Woodhams & Co.

Independent Material & Supply Co.
SAND, ROCK, GRAVEL
ESTIMATES FURNISHED
PHONE S. ft. 89 OFFICE 409 B ST., SAN RAFAEL

Bids Opened.
GYMNASIUM BLDG. Cost —
BERKELEY, Garfield School site, Rose and Grant Sts.
One-story reinforced concrete gymnasium bldg.
Owner—Berkeley Board of Education.
Architect—Wm. C. Hays, 1st Natl. Bank Building, San Francisco.
Proposition 1—General Work.
Proposition 2—If balcony is omitted deduct.
Conner & Conner, 1726 Grove St., Berkeley, (1), $21,000; (2), $3300.
I. M. Sommers (1), $24,420; (2), $3650.
Walter Murch (1), $21,820; (2) $1338.
R. W. Littlefield (1), $22,000; (2), $2500.
Peters Constr. Co., work complete, $38,135; (2), $2500.
Lathing and plastering.
T. H. Lester, 351 12th St., Oak...$2470
A. Knowles 3371
Wm. Makin 2693
Geo. Dixon 2900
Structural Iron Work.
Golden Gate Iron Wks., 1541 Howard St., $3200; (2) $782.
Shrader Iron Wks., $3784; (2) $878.
Union Constr. Co., $4000; (2) $800.
Western Iron Wks., $3767; (2) $1020.
Central Iron Wks., $3600 (2), $900.
Judson Iron Wks., $3710; (2) $845.
Herrick Iron Wks., $3984, (2) $784.
Heating and ventilating.
J. E. O'Mara, 445 Minna St, $5979; (2) $600.
P. J. Enright, $6380; (2) $60.
Scott Co., $6294 (2), —.
H. G. Newman, $10,300; (2) $320.
Carl T. Decll, $6250; (2) $300.
W. H. Picard, $6298; (2) ——.
W. K. Nottingham, $6890.80 (2) —.
NOTE—Bids taken under advisement

MODESTO, Stanislaus Co., Cal.—Until July 5, 8:30 P. M., bids will be rec. by Kathleen G. Prewett, Clerk, Modesto Junior College District, for electrical heating system, electric work, blackboards, metal guides for window shades and special fixtures for Junior College Building. W. H. Weeks, Architect, 369 Pine St., San Francisco. **See call for bids under official proposal section in this issue.**

LOS ANGELES, Cal.—Anton Johnson, 704 Union Bank Bldg., was low bidder at $41,000 on the general contract for erecting a new bldg. at 49th St. school site. Frank G. Krucker, archt. Low bidders on the other contracts were: E. W. Crowell on plumbing at $3318; Hammel Rad. Corp. on heating at $1565; H. H. Mann on painting at $146 and Peerless Elec. on wiring at $1085. The appropriation is $56,000.

Sub-Figures Being Taken — General Contract Awarded.
SCHOOL Cost, $47,014
PITTSBURG, Contra Costa Co., Cal.
Reinforced concrete 3-room addition to school.
Owner — Pittsburg Grammar School District.
Architect—Wm. C. Hays, 1st National Bank Bldg., San Francisco.
Contractor—G. Seeno, 150 2d St., Pittsburg.
Bids to be opened June 30 on plumbing, heating and electrical work.

Contracts Awarded.
SCHOOL Cost, $—
PIEDMONT, Alameda Co., Cal., Piedmont Primary School Site.
One-story reinforced concrete and stucco school (four classrooms and kindergarten).
Owner—Piedmont School District.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
General contract to M. E. Hopper & Son 1117 Webster St., Oakland, $34,000.
Heating to Scott Co., 381 11th St., Oakland, $2284.

BAKERSFIELD, Cal.—Kern County Union High School Dist. No. 23, has awarded contrs. as follows:
Crandall Supply Co., $1136.90 for painting athletic quartera and grandstand.
Wm. G. Reed, at $44,750 for erecting steel athletic quarters and grandstand.
Daly Plbg. Co. at $8300 for plbg. and heating.
Kern Valley Elec. Co., at $1500 for electric system.

FRESNO, Fresno Co., Cal.—Shorb & Meads, 627 McKinley Ave., Fresno, at $10,995, awarded contract by Board of Education to erect seven bungalow schools in various sections of the city.

FAIRFIELD, Solano Co., Cal.—Until July 7, bids will be rec. by B. P. Kemp, secty. Armijo Union High School Dist., for tinting interior or high school. Specifications may be obtained from clerk at Fairfield.

HUNTINGTON PARK, L. A. Co., Cal.—Plans are being prepared for improvements to local schools which the board of education expects to get under way this summer. Improvements consisting of two brick units costing $50,000, will be made to the Malabar school, and 4 rms. of brick constr. will be added to the Pacific school. The latter work will cost $30,000.

NAPA, Napa Co., Cal.—Earl G. Wilson, 18 South Brown St., Napa, at $1550 awarded contract by Napa Union High School District for electric work in high school building. W. H. Weeks, 369 Pine St., San Francisco, architect.

BERKELEY, Alameda Co., Calif.—The Board of Education of the City of Berkeley, Clyde Blanchard, Secretary, received the following bids on June 19th, for finishing three classrooms of the Longfellow School remodeling boys' toilet room in Whittier School, furnishing and installing steel lockers in High School Gymnasium. Bids were taken under advisement.
Carpenter and mill work in Longfellow School, F. W. Maurice, 1362 East 25th St., Oakland $1758.00
Lathing and plastering in same.
F. W. Maurice 695.00
M. Ebinger 744.40
Geo. C. Lester 1250.00
Geo. Dixon 750.00
Wm. Makin, 351 12th St., Oak. 660.00
Toilet room in Whittier School.
Conner & Conner, 351 12th St., Oakland 2400.00
Thos. R. Cattin 2569.19
C. G. Betts 3330.00
Steel Lockers High School Gymnasium.
Geo. Trask, 39 Natoma St., S. F. 3184.98
Berger Mfg. Co. 3256.93
Lyon Metalic Mfg. Co. 3707.82

LOS ANGELES, Cal.—Archts. Noerenberg & Johnson, 401 L. A. Ry. Bldg., are completing plans for a class A school bldg. to be erected on the 16th St. school site for a part-time school. It will be 3-sto., designed for 6-sto., 265 by 100 ft., with a 1-sto. auditorium and gymnasium, 100x57 ft.; reinf. conc. constr., fact brick and terra cotta exter., comp. rfg., steel roof trusses over auditorium, maple finish fls., swimming pool; $400,000. The board of education will advertise for bids shortly.

SANTA CRUZ, Santa Cruz Co., Cal.—Until June 27, 8 P. M., bids will be rec. by J. W. Linscott, Sec'y., Board of Education, to construct addition to Garfield Park School. Plans obtainable from Sup't. of Schools, Santa Cruz.

BAY, Sonoma Co., Cal.—Until July 5, 8 P. M., bids will be rec. by W. J. Robertson, Clerk, Bay School District, to erect one-room school. Wm. Herbert, Architect, Santa Rosa. Cert. check req. Plans obtainable from clerk.

LOS ANGELES, Cal.—July 6, 1923, until 9:00 a. m., bids will be received by Board of Education, 726 Security Bldg., for erecting a new building for the Wilshire Crest school site, n.e. cor. Country Club Dr. and Sycamore Ave.; Otto H. Neher, archt. Bids will be taken separately on general, plumbing, heating, painting and electric wiring contracts. Cost $84,000. Plans and specifications at Secretary's Office, 730 Security Bldg., Los Angeles.

MERCED, Merced Co., Cal. — Until July 2, 2 p. m., bids will be rec. by J. A. Craddock, clerk, Fruitland School District, Fruitland Colony, Merced County to remodel present school buildings. Cert. check 10% payable to clerk req. Plans obtainable from clerk.

LOS ANGELES, Cal.—Until 9 a. m., July 6, 1923, bids will be received by City Board of Education, 729 Security Bldg., Los Angeles, for erecting an addition to the John Muir junior high school, n.w. cor. 60th St. and Vermont Ave.; John C. Austin, archt. Bids will be taken separately on general, plbg., painting and electric wiring contracts; $100,000. Plans and specifications may be obtained at Secretary's office, 730 Security Bldg., Los Angeles

LOS ANGELES, Cal.—Until 9 a. m., July 6, bids will be received by city board of education, 729 Security Bldg., Los Angeles, for erecting a new bldg. for the Alexandria Ave. school at Mariposa, Alexandria, Elwood and Oakwood Aves; Loy L. Smith, archt. Bids will be taken separately on general, plumbing, heating, and painting contracts; $84,000.
Plans and spec. may be obtained at secretary's office, 730 Security bldg., Los Angeles.

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LOS ANGELES, Cal.—Archt. Lester T. Squires, 410 Washington Bldg., has completed plans for a school bldg. to be erected on 17th St. near Rimpau Blvd. It will contain 6class rms; 2-sto. 120x37 ft., brick constr., comp. rfg., $48,000. The board of education will advertise for bids shortly.

SANTA BARBARA, Cal.—See "Official Proposals," this issue.

MODESTO, Stanislaus Co., Cal.—Until July 5, 7:30 P. M., bids will be rec. by Kathleen G. Prewett, Sect'y., Board of Education, for heating and electric work in connection with school buildings. Separate bids are desired as follows:

(a) New school on Maze Lot, Locust and Franklin Sts.

(b) New school on Morris Ave. Lot, in Morris Avenue.

(c) Addition to Washington Street School.

(d) Addition to 17th Street Schools. Cert. check 5% payable to Modesto City School District req. with each bid. Plans obtainable from Sect'y. or from Architect J. J. Donovan, 1916 Broadway, Oakland, on deposit of $20, returnable. **See call for bids under official proposal section in this issue.**

ANTIOCH, Contra Costa Co., Cal.—Until July 9, 8 p. m., bids will be rec. by L. W. Mchaffey, clerk, Antioch-Live Oak Union School District, to fur. and install one electric self-winding master clock, secondary clocks, buzzers and charges. Spec. obtainable from clerk of district at Antioch.

MARICOPA, Kern Co., Cal. — Until June 28, 3 p. m., bids will be rec. by C. B. Warner, clerk, Maricopa High School District, to remodel high school, J. M. Saffell, architect, 924 19th St., Bakersfield. Cert. check 10% payable to clerk required.

Bids will be received at same hour by same board for repairs, alterations and additions to Paleto Grammar School at Maricopa and for repairs to old Paleto School 14 miles southwest of Maricopa. J. M. Saffell, architect. Further information obtainable from clerk.

SEATTLE, Wash.—Henrikson & Alstrom, Seaboard Bldg., at approx. $100,000 awarded gen. contr. by Deezer Bros. architects, Seaboard Bldg., for 3-story and basement, 116 by 60 ft. brick school to be erected in Terry Ave., for St. James Cathedral Parish.

PORTERVILLE, Tulare Co., Cal. — Fred Stone, Porterville, only bidder at $4870 awarded contract to install plumbing and heating system in old high school.

LOS ANGELES, Calif.—Callahan, Schilling & Brown, 3712 Whittier Blvd., were low bidders at $43,989 on the general contract for constructing additions and alterations to 30th St. Junior high school. L. Z. Brown was low bidder on heating at $7257. The other bids were: J. F. Kohler $44,800 on the general contr.; heating—Thos. Haverty Co., $7600, J. Hokom, $7419; Franklin & Boyce, $7995; F. J. Donnelly, $8002; Western Engr. & Constr. Co., $8142; Midgley Bros., $8300.

PALO ALTO, Santa Clara Co., Cal.—Until June 28, 7:30 p. m., bids will be rec. by A. C. Parker, secy., Board of Education 540 Channing Ave., for fur. mill work and 24 manual training benches for high school. Further information available from secretary.

REDONDO, L. A. Co., Cal.—Archts. Allison & Allison, 1405 Hibernian Bldg., are completing plans for a new class room bldg. to be erected at the high school site at Redondo. It will contain 18 rooms, 2-story, brick constr., stucco exter., comp. rfg.; cost $150,000.

REEDLEY, Fresno Co., Cal.—Until June 25, 8 p. m., bids will be rec. by Marion Deenen, clerk, Reedley Joint Union High School District, for fur. and installing steel lockers in high school. Spec. obtainable from E. W. Hauck, principal high school.

LOS ANGELES, Calif.—Rudine & Chytraus, 3971 S. Normandie Ave., were low bidders at $70,000 on the general contract for erecting a new bldg. at Third St. school site. Robert D. Farquhar, archt. Low bidders on the other contrs. were: E. W. Crowell on plumbing at $5525; H. H. Mann on painting at $1230; F. J. Donnelly on heating at $7595; and American Elec. Constr. Co. on wiring at $3906. The appropriation is $84,000.

REEDLEY, Fresno Co., Cal.—Until June 25, 8 p. m., bids will be rec. by Marion Deenen, clerk, Reedley Joint Union High School District, for fur. and installing office furniture in high school. Bids also desired for one librarian's charging desk. Further particulars obtainable from E. W. Hauck, principal of school.

REEDLEY, Fresno Co., Cal.—Until June 25, 8 p. m., bids will be rec. by Marion Deneen, clerk, Reedley Joint Union High School District, for fur. and installing apparatus and supplies for science laboratories of high school. Separate bids wanted for one steam table for cafeteria. Spec. obtainable from E. W. Hauck, principal of school.

ESCONDIDO, San Diego Co., Cal. — Archt. A. C. Zimmerman, 836 H. W. Hellman Bldg., has been commissioned to prepare plans for a new elementary school bldg., to be erected at Escondido, for the Escondido Board of Education, will contain 7 class rooms, auditorium to seat 300. Reinf. conc. walls, 1-story and part basement, conc. exter. walls, Gladding, McBean tile rfg., steam htg. sys., L-shape, conc. fls. with battleship linoleum or maple fls., O. P. trim; $100,000. Only 1 wing containing 5 rms. will be erected at this time, to cost $35,000.

PLACENTINA, Orange Co., Cal.—Architect Arthur W. Angel, 2136 E First St., has completed plans and is ready for bids for erecting a kindergarten annex to the Richfield school bldg., for Placentina school dist., Orange county. It will be 1-story, 32x50 ft., hollow tile constr., plas. exter, clay tile rfg. The date for opening bids will be announced later.

REEDLEY, Fresno Co., Cal.—Until June 25, 8 p. m., bids will be rec. by Marion Deneen, clerk, Reedley Joint Union High School District, for fur. and installing 100 students' desks in high school. Further particulars obtainable from E. W. Hauck, principal of high school.

MONTROSE, L. A. Co., Cal.—D. E. Luther, San Fernando, was awarded a contract at $21,850 for all work complete for erecting a new school bldg. at Montrose; Chas. E. Creeth, La Crescenta, and Train & Williams, L. A., assoc. archts. One-sto., brick constr., 41 x 115 ft., plas. exter., comp. and tile rfg., pine trim, gas. htg.

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REEDLEY, Fresno Co., Cal.—Until June 25, 8 p. m., bids will be rec. by Marion Deneen, clerk, Reedley Joint Union High School District, for fur. and installing shades in high school. Further information obtainable from E. W. Hauck, principal of school.

HUNTINGTON BEACH, L. A. Co., Cal.—Until 1 p. m., June 30, new bids will be received by trustees of Huntington Beach school district for erecting a new grammar school bldg. at Huntington Beach; John C. Smith, 325 H. W. Hellman Bldg., archt. Bids previously received were rejected and spec. have been revised. Bids will be received separately on the gen. contr., plumbing, heating, painting, electric wiring, electric fixtures, and clocks and bells. The bldg. will contain 22 rms., 2-sto. and part 1-sto., brick constr., face brick, cast stone trim, comp. rfg., pine trim and fls., plenum htg. system.

LOS ANGELES, Cal.—Rudine & Chytraus, 3971 S Normandie Ave. have been awarded general contract at $70,000 for erecting a new bldg. at 3rd St. school site; Robert D. Farquhar, archt. Other contracts were awarded as follows: Plumbing to E. W. Crowell at $5525; heating to F. J. Donnelly at $7595; painting to H. H. Mann at $1230; and wiring to American Electric Constr. Co. at $3906.

LOS ANGELES, Cal.—Farley & Farley, Burbank, were awarded the general contract at $58,358 for erecting an addition to the Clifford St. school bldg. C. F. Skilling, archt.

PASADENA, Cal.—John H. Simpson, 685 S Euclid Ave., Pasadena, has the contr. to erect a $35,000 addition to the Westbridge school for girls near S Orange Grove Ave. and Madeline Dr., Pasadena, for Misses Ranney and Rumney. Marston, Van Pelt & Marbery, 25 S Euclid Ave., Pasadena, architects. Stucco, half-timber and siding exter., 10 class rms., assembly rm., 3 offices, slate blackboards, skylights, an existing bldg. adjoining will be remodeled for a gymnasium.

LOS ANGELES, Cal.—The board of trustees of La Crescenta school dist. rejected all bids for erecting a new school bldg. at La Crescenta. Twain & Williams, architects, Chas. A. Creeth, La Crescenta, assoc. Plans will be revised and the work readvertised. The bids received were: Elmer Elliott, Glendale, $15,330; Jas. P. Dawson, $15,764; W. E. Luther, $18,150; North Pacific Constr. Co., $24,250.

MERCED, Cal.—Trustees of the Livingston and Merced school dists. are considering the selection of an archt. to design the bldg. proposed. Bonds in sum of $125,000 were recently voted. Allison & Allison, archts. of Los Angeles, and W. H. Weeks, archt. of San Francisco, are among the firms being considered. The site and equipment will cost $25,000 and bldg. $100,000.

HUNTINGTON PARK, Cal.—Trustees of the Huntington Park Union High School Dist. propose to erect the manual arts bldg. first of the group of projected bldgs. It will be of saw-tooth constr. The next bldg. to be built will be the girls' gymnasium. It is hoped to get these bldgs. under way by summer.

LOS ANGELES, Cal. — Wm. Stacko, 1711 W Adams St. was awarded the gen. contr. at $69,500 for erecting a new school bldg. at Aldama St. school site; Chas. F. Plummer, archt. Other contracts were awarded as follows: Plumbing to G. C. Sutton at $5926; heating to J. Hokom at $5285; painting to Alhambra Wall Paper & Paint Co., at $2095; and wiring to H. H. Walker at $2676.

RENO, Nevada.—Until July 2, 5 p. m. bids will be rec. by Theo. W. Clark, clerk Reno School District No. 10, Washoe county, for fur. and install. finish hardware in Junior High School, now under construction. Geo. A. Ferris & Son, architects, Heidtman Bldg., Reno. **See call for bids under official proposal section in this issue.**

LOS ANGELES, Cal.—W. D. Geck, Huntington Park, was awarded the general contract at $55,876 for erecting a new school bldg. at Ruena Park; Arthur W. Angel, 2136 E 1st St., archt. Plastering was let to Burt Dequine at $8536 and plumbing to John Lotze, Fullerton, at $3106. The bldg. will contain 8 rms., domestic science room and auditorium; hollow tile constr., plaster exter. cast stone trim, tile rfg. The bids were: **General contract**—W. D. Geck, $55,876; (a) add for Pemberton htg., $6120; (b) add for gas htg., $2585; (c) add for gas-steam htg., $1870; South & Franzen, $60,800; (a) $6100; (b) $2300; (c) $2300; Lavery Constr. Co., $65,573; (a) $7909; (b) $1500; (c) $1809; Hodge & McMacckin, $69,990; (a) $5725; (b) $2350; (c) $2140. **Plastering**—Burt Dequine, $8536; H. E. Waite, $8920; C. H. Anderson, $9071. **Plumbing**—John Lotze $3106; H. H. Armbrust $3595; Lohman Bros. $3734; John McFadden $3885.

LOS ANGELES, Cal. — Callahan, Schilling & Brown, 3712 Whittier Blvd. were awarded the general contract at $43,989 for erecting additions and alterations at 30th St. junior high school. Heating was let to L. Z., Brown at $7237.

LOS ANGELES, Cal.—Until 7:30 p. m., July 3, bids will be received by the board of education of Glendale City school dist. for erecting a 6-rm. addn. to the Pacific Grammar school bldg.; Alfred F. Priest, 719 Fay Bldg., Los Angeles, archt. Bids will be taken separately on the general contract, Plumbing and heating.

BANKS, STORES & OFFICES

Contract Awarded.
STORE BLDG Cost, $20,000
EASTON, San Mateo Co., Cal.
One-story concrete store building (6 stores).
Owner—Mrs. A. Parks.
Architect—Chas. E. J. Rogers, Phelan Bldg., San Francisco.
Contractor — Dowsepp-Ruhl Co., 77 O'Farrell St., San Francisco.

Plans Being Figured.
STORE Cost, $15,000
OAKLAND, College Ave. & Ashby St.
One-story reinforced concrete store.
Owner—Mrs. A. Stover.
Architect—W. H. Weeks, 369 Pine St., San Francisco.

Sub-Contracts Awarded.
STORE BLDG. Cost, $126,000
SAN FRANCISCO. NE Howard and Fifth Streets.
One-story reinforced concrete store building, 275x275 (22 stores and garage, 200x200).
Owner—W. L. Hogan, 333 Kearny St., San Francisco.
Architect—Edw. E. Young, 2002 California St., San Francisco.
Brick Work awarded to Wm. Rainey & Son, 180 Jessie St.
Electrical Work to Collonan Elec. Co., 3211 Mission St.
Plumbing to C. Petersen Co., 390 Sixth Street.
Lumber to Leonard Lumber Co.
Iron Work to Fair Mfg. Co.

Contract Awarded.
STORE BLDG. Cost, $15,946
SOUTH SAN FRANCISCO
Reinforced concrete store building and garage.
Owner—Withheld.
Architect — Ernest Norberg, Balboa Bldg., San Francisco.
Contractor—R. C. Stickle.

Contract Awarded.
ADDITION Cost, $165,000
LOS ANGELES, Cal., 1916 West Adams St.,
Class A steel frame concrete addition to present tel. ex. bldg.
Owner—Pacific Tele. & Tele. Co., 333 Grant Ave., San Francisco.
Architect—E. V. Cobby, engr. for company.
Steel contract to Pacific Rolling Mill, San Francisco.
General contract to Bradley Constr. Co. Los Angeles.

Figures To Be Taken in Ten Days.
DEPARTMENT STORE Cost—
SAN FRANCISCO, W Mission St., near Twenty-second St., 130 ft. on Mission St.
Reconstruct three-story and basement frame department store building (concrete walls, tile front, etc.)
Lessees—Wm. R. Davis & Bro., 2523 Mission St., San Francisco.
Owner—Kiel Estate.
Architect—Frederick W. Quandt, Monadnock Bldg., S. F.

Contracts Awarded.
ALTERATIONS Cost, $60,000
SAN LUIS OBISPO, Cal. Garden St.
Remodel two-story reinforced concrete building for bank.
Owner—Bank of Italy.
Architect — Righetti & Hirschfeld, 12 Geary St., San Francisco.
Steel work to Ralston Iron Works, 20th and Indiana Sts., San Francisco.
Marble Work to Musto Sons-Keenan Co., North Point St., San Francisco.
Bronze to Federal Ornamental Iron & Bronze Co., 16th and San Bruno Ave., San Francisco.
Segregated figures are being taken by Wm. Cuneo, 550 Montgomery St., San Francisco, for plastering, plumbing, electrical work, heating, etc.

To Be Done By Day's Work.
STORE Cost, $10,000
OAKLAND, 33rd Ave. & Foothill Bldv.
One-story brick and tile store.
Owner—F. A. Muller, Syndicate Bldg., Oakland.

Preliminary Plans Being Prepared.
STORE BLDG. Cost, $30,000
SAN FRANCISCO. Folsom St. near Fourth St.
One-story reinforced concrete store, 100x90, with mezzanine floor.
Owner—M. C. Henderson.
Architect—Walter Falch, Hearst Bldg., San Francisco.

SANTA CRUZ, Santa Cruz Co., Cal.—Hamilton & Church, 383 Ocean Ave., Santa Cruz, awarded cont. to erect east side branch bank building at Cayuga street and Soquel avenue, for the First National Bank of Santa Cruz. Will be of reinforced concrete construction. Hermann Safe Co., 216 Fremont St., San Francisco, awarded contract for counters, desks, vaults, grille work, etc.

LOS ANGELES, Cal.—Architect W. Douglas Lee, 400 Sun Drug Bldg., is completing plans and will take bids soon for the erection of a Class A store and loft building at Winston and San Pedro Sts., for the Revolving Fund Corp. Reinforced concrete construction, 6-story and part basement, 97x160 ft., composition roofing, pressed brick facing, art stone trim, steam heating, 3 electric elevators, maple and cement floors, steel sash, plate glass, metal skylights, copper store fronts, ornamental iron work; the first floor will contain 8 stores.

LOS ANGELES, Cal.—See "Hotels," this issue.

FRESNO, Fresno Co., Cal.—Lwe Sack Sam, 1019 E St., general manager of Man On Tai Chan Co., plans erection of one or two-story brick, 60 by 150 ft. store building at Tulare and E streets, to cost $21,000 or $42,000. Preliminary plans for the structure are being prepared by Architect C. E. Butner, Cory Bldg., Fresno.

GLENDALE, Cal.—J. V. McNeil Co., H. W. Hellman Bldg., has been awarded the general contract at $229,012 for erecting a 6-story and basement class A bank and office bldg. at n.e. cor. of Brand Blvd. and Broadway, Glendale, for the Security Tr. & Sav. Bank. Alfred F. Priest, 719 Fay Bldg., L. A., archt. Other contrs. have been awarded as follows: Heating and ventilating to Munger & Munger, Pasadena; plumbing to Coker & Taylor, Glendale; and wiring to Foulkes Electric Co. The bldg. will be 87x89 ft., with a 1-story addn., 20x89 ft. the bank will occupy the main floor, basement and mezzanine story. There will be 114 offices in the upper stories. Steel frame constr., brick walls, terra cotta facing, plate glass windows, reinf. conc. fls., oak inter. trim, marble fls. and wainscot in corridors, tiled lavatories, 2 passenger elevators, 1 coin elevator, staff work, steam htg., vaccum cleaning, compressed air.

PORTERVILLE, Tulare Co., Cal.—Wilko Mentz, president of First Natl. Bank, Porterville, will erect a 1-story brick, 110x110 ft. store building at Mill and Hockett streets. Architect will be selected shortly.

SAN LUIS OBISPO, Cal.—J. R. Berkemeyer & Son, have had plans prepared and construction will be started shortly on a one-story brick 47x40 ft. store building in Chorro street. Provision has been made in the plans to provide for additional stories at a later date.

THEATRES

Sketches Prepared.
THEATRE Cost, $100,000
SAN MATEO CO.
Class A moving picture theatre 75x214 seating 1500.
Owner—Withheld.
Architect—A. A. Cantin, Foxcroft Bldg. San Francisco.

LONG BEACH, Cal. — West Coast Theaters Co. is reported having a sale deal in escrow for a 125x190 ft. site on north side of Ocean Blvd. within a few blocks of Pine Ave., for a new theatre.

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SAN FRANCISCO.—J. A. Brehany, director of the Century Theatre, Ellis St., near Stockton, announces twenty-passenger elevator and new pipe organ will be included in improvements when remodeling the present structure. The name of the theatre will be changed to the Capitol.

WHARVES & DOCKS

SAN DIEGO, Cal.—Until 10 A. M., July 11, bids will be rec. by City Purchasing Dept. for all labor and materials (except cement) for constructing the concr. apron wharf of municipal pier No. 2, to be known as contr. B. Construction will be of reinf. concr. Plans and spec. on file at office of the city clk. Cert. chk., 5%. W. H. Cameron, Supt. Purchasing Dept.

PEARL HARBOR, T. H.—See "Government Work & Supplies," this issue.

SAN DIEGO, Cal.—Spreckels Bros. Comml. Co. will expend $120,000 in covering the old coal bunkers wharf into a commercial wharf. The company has applied to the harbor comm. for renewal franchise to 1937.

SAN FRANCISCO—Frank G. White, Ch. Eng. for State Board of Harbor Commissioners, Ferry Bldg., preparing plans for three piers to be constructed between Piers 46 and 54; will be from 350 to 285 ft. wide and from 1200 to 1500 ft. long with sheds 115 ft. wide.

WILMINGTON, Cal.—Archt. Albert C. Martin, 430 Higgins Bldg., Los Angeles, preparing plans for wharf and bldgs., 50x700 ft., to be constructed at Wilmington for the Pacific Coast Borax Co. W. M. Ledbetter Co. has been awarded a contract for constructing pier heads along 800 ft. of channel frontage.

MISCELLANEOUS BUILDING CONSTRUCTION

Sub-Contracts Awarded.
WAREHOUSE Cost, $200,000
OAKLAND, Alameda Co., Cal., 29th Ave. and E-14th St.
Eight-story reinforced concrete mail order operating plant, 145 x 184 ft.
Owner—Montgomery Ward & Co. of Chicago.
Architect—A. McCauley, Chicago, Ill.
Contractor—Wells Bros., Chicago.
NOTE—Sub-figures are being taken by P. A. Wells or A. McCauley, now at the Hotel Oakland, 13th and Harrison Sts., Oakland.
There will be three elevators, automatic sprinkler system, fire pump, steel sash, etc.
Wrecking to Symons Wrecking Co., 21st and San Pablo, Oakland.
Excavation to J. Catucchi, 351 12th St., Oakland.
Reinforcing steel to Truscon Steel Co., 709 Mission St., San Francisco.
Steel Rolling Doors to Kinnear Mfg Co. 525 Market St., S. F.
Elevators to Otis Elevator Co., 2300 Stockton St., San Francisco.
Plumbing & heating to H. Kelly, Minneapolis.

Plans To Be Ready For Figures in a Few Days.
STORE & LOFT BLDG. Cost, $200,000
SAN FRANCISCO, SE 5th & Jessie Sts.
Two-story and basement reinforced concrete auto stage terminal, store and loft bldg.
Owner—Louis R. Lurie.
Lessees — Pickwick Cptn. & Pacific Auto Stage Lines.
Architect—O'Brien Bros., 315 Montgomery St., San Francisco.
Excavating will be started immediately.

MEXICALI, Mexico. — Archt. Ralph Swearingen, Calexico, is completing plans for a reinf. conc. and steel amusement bldg. 100x156 ft. to replace the famous "Owl," Carlie Withington, prop. Est. cost, $125,000.

P. H. Jackson Company Occupies New Quarters in Bryant Street

P. H. Jackson & Company, for the past forty-eight years located at 237-247 First street, announces the removal of their offices, shop and warehouse quarters to No. 415 Bryant street, San Francisco. The new quarters consist of a one-story concrete building where every modern convenience has been installed to assure the consumer goods of quality and prompt service.

The company, since 1875, has been engaged in the manufacture and installation of Jackson's patented sidewalk lights, "No Leak" sidewalk doors, basement ventilators and other sidewalk specialties. The San Francisco plant, since its organization, has covered installations throughout the Pacific Coast, including Canada and Mexico and in Hawaii and the Orient.

The growth of the P. H. Jackson Company is notable. The late P. H. Jackson, its founder, made and had installed the first sidewalk lights used in this country in New York about 1840. In the early seventies invented and patented the first "No Leak" sidewalk doors in this country. As consulting engineer in the Building Department of New York City for twelve years and a member of the Board of Education of the City of New York he acquired an extensive knowledge of business building requirements in sidewalks, sidewalk lights and door construction.

In the month of February 1898, Edwin R. Jackson who had studied Civil Engineering at the University of California graduating in the class of 1896, a son of the founder of the company, entered the firm of which today he is president and manager, which position, he has held since June, 1908.

P. H. Jackson & Company installed the first sidewalk lights in Oakland, early in 1878, at the northwest corner of Broadway and Ninth streets fronting the store then occupied by Bowman & Company, pioneer druggists of Oakland.

In addition to installing "No Leak" sidewalk doors in many of San Francisco's larger buildings, the Jackson Company, completed installations for the Municipal Auditorium, the Public Library, Southern Pacific Building, Palace and St. Francis Hotels, Masonic Temple, Municipal Esplanade on the Ocean Beach and structures in the business district. Oakland installations include the City Hall, Bank of Italy, First National Bank, State Savings Bank, Central Bank, Capwell Department store and others. A recent contract awarded the company in the East Bay section is that for the sidewalk lights for the Oakland Bank Building

Plans Being Figured.
LAUNDRY Cost—
OAKLAND, Alameda Co., Cal., Mills College Grounds.
Temporary galv. iron laundry bldg. laid on permanent foundation to be rebuilt later.
Owner—Mills College.
Architect—W. H. Ratcliff Jr., First National Bank Bldg., Berkeley.

BERKELEY, Cal.—The Clinton Construction Co., 926 Folsom St., San Francisco, has awarded the following subcontracts in connection with the completion of the Memorial Stadium in Strawberry Canyon in Berkeley, for which they were recently awarded the contract at $511,740. Plans were prepared by a commission composed of E. E. Carpenter, Geo. F. Buckingham and John Galen Howard, with offices in the Crocker Bldg., San Francisco.
Fences & gates to Standard Fence Co., Oakland.
Pine lumber to Sunset Lumber Co., Oakland.
Redwood lumber to MacDonald Lumber Co., San Francisco.
Flag poles to L. P. Bolander, S. F.
Concrete to Rhodes Jamison, Oakland.

LOS ANGELES, Cal.—F. H. Peters, 845 Golden Ave., has completed plans for the erection of a brick bldg. at 318 W 12th St., for Clarence W. Cole, 1249 S Figueroa St. Dimensions, 50x150 ft. Press. brick facing, plate glass, cem and hardwood fls., 2-story and part 1-story, art stone trim, metal skylights, wire glass. Owner is taking bids on gen contract.

Building and Roofing
PAPERS
BONESTELL & CO.
118-124 FIRST STREET
Tel. Sutter 646

TUCSON, Ariz.—Scottish Rite Cathedral Assn. has purchased the H. A. Morgan property, 107x100 ft. at n.e. cor. Broadway and Scott St. as site for a bldg., the nature of which has not been disclosed. It is reported that the bldg. will be a modern office structure for revenue. . Henry A. Drachman is president of the association.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Further information regarding these opportunities may be had from Domestic and Foreign Trade Department of San Francisco Chamber of Commerce, Merchants' Exchange Bldg.:

D-605—Grand Rapids, Michigan. Manufacturers of lumber lift which is very useful in factories where lumber is used seek representation in this city.

D-606 — Philadelphia, Pa. Party wishes to be put in touch with manufacturers in this territory who desire representation in Philadelphia.

D-607—San Luis Obispo, Calif. Party who is about to engage in the manufacture of charcoal on a large scale seeks a market in San Francisco.

D-608—San Andreas, Calif. Party has sixty acres of serpentine formation averaging 20 per cent crysotile asbestos. He desires to be put in touch with parties interested in asbestos mines.

D-609—San Francisco, Calif. Individual who has had number of years selling and managerial experience and been in business for himself is desirous of representing one or more manufacturers who desire representation in this territory.

D-612—Portland, Oregon. Firm desires to purchase quantity of round brass and brass tubing.

7133—Tuiera Valle de Cauca, Colombia, S. A. Soap manufacturer desires to buy caustic soda from wholesalers or manufacturers in this city.

7134—San Jose, Costa Rica. Gentleman who has had fifteen years business experience in Costa Rica seeks connections for his commission business.

7135—Grao-Valecia, Spain. Large firm desires to act as representative in Spain for local exporters of lumber.

7139—Bombay, India. Advertising and canvassing agency seeks connections with firms desiring to sell their products in the Indian market.

Official Proposals

BIDS WANTED FOR PIERS AND WHARF

NOTICE TO CONTRACTORS

SEALED PROPOSALS, indorsed "Proposals for Piers and Wharf, Pearl Harbor, Hawaii, Specification No. 4799," will be received at the Bureau of Yards and Docks, Navy Department, Washington, D. C., until 11 o'clock A. M., August 8, 1923, and then and there publicly opened, for two piers and a wharf, all of reinforced concrete; the small pier 18 feet wide by 335 feet long, the large pier 26 feet wide by 360.5 feet long and the wharf 28.5 feet wide by 260 feet long. The piers and wharf will have reinforced concrete deck, precast reinforced concrete piles and composite piles, creosoted timber fender and dolphin piles, and timber fender system. Cleats, bitts, tracks and electric conduits will be included. No dredging is included. Drawings and Specification No. 4799 may be obtained on application to the Bureau, to the Commandant, Navy Yard, Mare Island, Calif., or to the Commandant, Naval Operating Base, Pearl Harbor, T. H. Deposit of a check or postal money order for $10, payable to the Chief of the Bureau of Yards and Docks, is required as security for the safe return of the drawings and specification. L. E. GREGORY, Chief of Bureau, May 25, 1923.

NOTICE TO CONTRACTORS

BIDS FOR AUDITORIUM

Bids for the construction of an Auditorium in the City of Marysville, in accordance with the plans and specifications therefor now on file in the office of the County Clerk of the County of Yuba, State of California, are hereby solicited; the same to be left at the office of W. H. CARLIN in the Ellis Block, in said City of Marysville, within ten days from the date hereof.

NOTICE TO BIDDERS

(Railroad Spikes)

Sealed Bids will be received by the Superintendent of Public Works 6th and "D" Streets, Eureka, California, for Ten tons of 9-16x5-in. Railroad Spikes F. O. B. Eureka, California, and to be delivered within thirty days after Contract is awarded.

Bids will be received in a sealed envelope marked Bid for Railroad Spikes up to 5 p. m., July 2nd, 1923. Award will be made to the lowest and best bidder. Right is reserved to reject any or all bids.

Dated June 12th, 1923.

JOHN GRIFITH,
Superintendent of Public Works.

NOTICE TO BIDDERS

(Joint Highway District No. 3, State of California)

The Board of Directors of Joint Highway District Number Three, of the State of California, hereby give notice that they will **up to the hour of 10 o'clock A. M., Saturday, June 30th, 1923**, at the office of said Joint Highway District Number Three in the Town of Yuba City, County of Sutter, State of California, receive sealed bids for the construction of that certain highway proposed to be built by said Board of Directors according to plans and specifications thereof, on file in the office of said Board of Directors in said Town of Yuba City.

Said bids may be submitted either for the construction of the entire highway or for any one of the following separate units thereof, to-wit: Elk Horn Section, Verona Section or the Tudor Section.

A call for bids published in this section indicates that bids are desired from other than local bidders Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

Plans and specifications may be seen either at the said office of said Board of Directors, or the office of C. W. Deterding, Jr., Engineer for said District, in the Court House, Sacramento, California.

The bids must be submitted upon a form described in said specifications and must be made in the manner prescribed therein.

The Board of Directors reserve the right to accept or reject any and all bids.

Dated: This 12th day of June, 1923.
BOARD OF DIRECTORS OF JOINT HIGHWAY DISTRICT NO. THREE OF THE STATE OF CALIFORNIA.
J. B. Helken, Secretary.

NOTICE TO CONTRACTORS

(Kern County Hospital Group)

Notice is hereby given that sealed bids will be received by the Clerk of the Board of Supervisors of the County of Kern, State of California, up to **10 a. m., of Monday, July 23rd, 1923**, for furnishing all labor and materials for, and the erection and completion of the various items as listed below, to be installed in the four buildings and connecting tunnels, etc., of the Kern General Hospital Group, being erected on Flower St., East Bakersfield, California, in accordance with plans and specifications on file in the office of the Clerk of the Board and open for the inspection of bidders. Copies of said plans and specifications may be had upon deposit of $25 at the office of Charles H. Biggar, Architect, 405-406 Bank of Italy Building, Bakersfield, California, and the work will be done under his supervision. Deposit will be returned upon receipt of plans and specifications in good condition at time specified.

Bids will be received for the following items:

1. Electric Work.
2. Plumbing Fixtures.
3. Painting.
4. Finish Hardware.
5. Elevators.

Bids to be made out upon form furnished by the Architect for that purpose and each bid must be accompanied by a cashier's or certified check or bidders bond in the amount of at least ten per cent (10 per cent) of the amount bid, such check or bond to be made payable to the Clerk of the Board of Supervisors and submitted as a guarantee that the bidder, if successful, will enter into a contract satisfactory to said Board of Supervisors and in addition thereto will furnish good and sufficient bonds therefor.

The Board reserves the right to reject any and all bids not deemed advantageous to the County and to waive any informality in any bid received.

By order of the Board of Supervisors of the County of Kern, State of California, adopted June 11th, 1923.

F. E. SMITH,
County Clerk and ex-Officio Clerk of the Board of Supervisors.

QUANTITY SURVEYOR
and Valuation Engineer
Buildings & Engineering Works
ARTHUR PRIDDLE
603 Mission Street, at Third St.
San Francisco, Calif.
Telephone Douglas 8-4-9-3

NOTICE TO CONTRACTORS

(Sutter County Highway System)

Sealed proposals will be received at the office of the Clerk of the Board of Supervisors, Hall of Records, SW Cor. Second and B Streets, Yuba City, California, **until 10 o'clock A. M. on Tuesday, July 3, 1923**, at which time they will be publicly opened and read, for the following work:

1. For paving a portion of the Bunce Lateral, from the end of the present pavement to the Yuba City-Nicolaus Road, with Reinforced Portland Cement Concrete, approximately ½ mile in length.

2. For paving a portion of the Barry Road, from near the Barry Church to ½ mile west of Walton Avenue, with Asphaltic Macadam, approximately 2 miles in length.

3. For paving a portion of the O'Banion Corners Lateral, from O'Banion Corners southerly to Gilsizer Slough with Asphaltic Macadam, approximately 1 mile in length.

4. For surfacing a portion of the Long Bridge-Tarke Road, from the Butte Slough levee to the Tarke Ranch House, with Asphaltic Macadam, approximately ¼ miles in length.

5. For resurfacing and patching the following asphaltic macadam highways, or portions thereof:

Tahoe-Ukiah Live Oak-Pennington Road	5.0 miles
Road	2.0 miles
Sanders Lateral	1.3 miles
Pease Lateral	1.3 miles
Nuestro Lateral	0.5 miles
Nuestro-Terra Buena Road	1.3 miles
Oswald Lateral	2.1 miles
O'Banion Corners Lateral	2.0 miles
Nicolaus-Sacramento County Line Road	1.0 miles
Total	16.5 miles

Plans and specifications for the above work may be obtained from Oscar W. Lanzendorf, County Road Commissioner, Court House, Yuba City, California. A deposit of $10.00 will be required on each set.

The Board of Supervisors reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the County.

BOARD OF SUPERVISORS OF SUTTER COUNTY.
By F. H. Graves, Chairman.
Attest: Albert B. Brown, Clerk.

NOTICE TO CONTRACTORS

(Bureau of Yards and Docks—Building Extension—Spec. 4761)

SEALED PROPOSALS, indorsed "Proposals for Battery Storage Building, Pearl Harbor, Hawaii, Specification No. 4761," will be received at the Bureau of Yards and Docks, Navy Department, Washington, D. C., until 11 o'clock A. M., July 18, 1923, and then and there publicly opened, for an extension of an existing building at the Naval Operating Base (Submarine Base), Pearl Harbor, T. H. The work includes plain and reinforced concrete; concrete piles; hollow tile; wood sash, doors and finish; stucco; built-up roofing; sheet metal work; steel door frames; monorail and trolleys; railroad

track; hardware; painting and glazing; plumbing, and electric lighting. Drawings and Specification No. 4761 may be obtained on application to the Bureau, to the Commandant, Naval Operating Base, Pearl Harbor, T. H., or to the Commandant, Navy Yard, Mare Island, Calif. Deposit of a check or postal money order for $10, payable to the Chief of the Bureau of Yards and Docks, is required as security for the safe return of the drawings and specification. L. E. GREGORY, Chief of Bureau. April 25, 1923.

NOTICE TO CONTRACTORS

(Santa Barbara—Board of Education)

The Board of Education of the City of Santa Barbara, California, will receive sealed bids **up to two o'clock P. M., Thursday, June 28, 1923** at the office of the Board of Education, 1235 Chapala street, Santa Barbara, California, at which time and place said bids will be opened and read in public for furnishing all the required labor and material for the construction and completion of two (2) sixteen-room one-story and basement Class C grade school buildings and one(1) three-room Class C kindergarten building in accordance with plans and specifications prepared therefor by Soule, Murphy & Hastings, architects. Bids will be received separately for each kind of work, as follows:

1. General.
2. Plumbing.
3. Heating.
4. Electric.

A cashier's or certified check or bidder's bond issued by a surety company, accredited by the Board of Education for an amount not less than five per cent (5%) of the amount of the bid shall accompany each proposal, drawn payable to the Board of Education, as a guarantee that the bidder will within five days after being informed of the acceptance of his bid enter into a contract with said board in accordance with said bid, and that he will furnish the necessary surety bonds; said check or bond to be forfeited to the said school board should the bidder fail to execute contract and furnish bond as above mentioned.

All bids must be made out on forms furnished by the architects.

Plans and specifications for all the above work may be seen at the office of the architects, 1206 State street, Santa Barbara, California, who will require a deposit of $15 from all contractors receiving plans and specifications, said deposit to be refunded to bidders when plans and specifications are returned to the office of the architects in good condition.

Said Board of Education reserves the right to reject any or all bids and to waive any informality in any bid received.

By order of the Board of Education of the city of Santa Barbara, Calif.

E. CARLOTTA DENGATE, Secretary.

NOTICE TO CONTRACTORS

(CONSTRUCTION OF LATERAL CANALS NUMBER 9, LE GRAND SYSTEM FOR MERCED IRRIGATION DIST.)

Public notice is hereby given that sealed proposals for excavation and earthwork construction of Lateral Canal Number 9, Le Grand System, will be received by the Board of Directors of Merced Irrigation District, at its office in the Barcroft Building in the City of Merced, State of California, at any time **up to 11 o'clock A. M., on Tuesday, July 10, 1923,** at which time and place all bids so received will be opened in public at the regular meeting of said board. Thereafter said board will let said work either in portions or as a whole, to the lowest, responsible bidder, but said board reserves the right to reject any or all bids and readvertise for proposals or proceed to construct the work under their own superintendence.

The work for the doing of which proposals are hereby invited in the excavation and earthwork construction of said canal, approximately 47,434 feet in length, which said canal extends from a point about one mile south-west of the town of Planada, in Merced County, California, easterly to a point in the Northeast ¼ of Section 36, T. 7 S., R. 14 E. M. D. B. & M., Merced County, California; in accordance with the plans and specifications thereof which may be seen and copies thereof obtained at the office of said district.

Any bidder to whom a contract for said work or any portion thereof may be awarded must furnish bonds as provided by law, to-wit: a bond in the sum of at least one-half of the contract price to secure the payment of claims of materialmen, mechanics and laborers employed upon said work and a bond in the sum of at least 25 per cent of the contract price, conditioned for the faithful performance of the contract.

Each bid must be accompanied with cash or a cashier's or certified check or a bond for an amount equal to not less than 5 per cent of the total amount of the bid as a guarantee that if the bid is accepted the bidder will, within ten days after the acceptance, enter into a contract with the district in the form attached to said specifications and furnish the bonds aforesaid.

For the purpose of determining the amount of said bonds and deposit it will be assumed (without so guaranteeing) that the amount of excavation will be as estimated in the specifications, and that no overhaul will be found necessary.

All proposals must be on forms which will be furnished by the district at the office of said board, and must be in sealed envelopes, addressed to the Board of Directors of Merced Irrigation District.

Dated at Merced, California, June 15, 1923.

By order of said Board of Directors

A. L. COWELL, Secretary.

NOTICE TO CONTRACTORS

(CONSTRUCTION OF LINGARD LATERAL CANALS—LE GRAND SYSTEM FOR MERCED IRRIGATION DISTRICT)

Public notice is hereby given that sealed proposals for excavation and earthwork construction of Lingard Lateral Canals, Le Grand System, will be received by the Board of Directors of Merced Irrigation District, at its office in the Barcroft Building in the City of Merced, State of California, at any time **up to 11 o'clock on Tuesday, July 10, 1923,** at which time and place all bids so received will be opened in public at the regular meeting of said board. Therefore said board will let said work either in portions or as a whole to the lowest responsible bidder, but said board reserves the right to reject any or all bids and readvertise for proposals or proceed to construct the work under their own superintendence.

The work for the doing of which proposals are hereby invited is the excavation and earthwork construction of said canal laterals, approximately 55,191 feet in length, which said canal laterals comprise the canal system lying within Sections 10, 11, 13, 14, 15, 16, 21, 22, 23, and 24, T. 8 S., R. 14, M. D. B. & M., Merced County, California, in accordance with the plans and specifications thereof, which may be seen and copies thereof obtained at the office of said district.

Any bidder to whom a contract for said work or any portion thereof may be awarded must furnish bonds as provided by law, to-wit: a bond in the sum of at least one-half of the contract price to secure the payment of claims of materialmen mechanics and laborers employed upon said work, and a bond in the sum of at least 25 per cent of the contract price, conditioned for the faithful performance of the contract.

Each bid must be accompanied with cash or a cashier's or certified check or a bond for an amount equal to not less than 6 per cent of the total amount of the bid as a guarantee that if the bid is accepted the bidder will, within ten days after the acceptance enter into a contract with the district in the form attached to said specifications and furnish the bonds aforesaid.

For the purpose of determining the amount of said bonds and deposit it will be assumed (without so guaranteeing) that the amount of excavation will be as estimated in the specifications, and that no overhauling will be found necessary.

All proposals must be in forms which will be furnished by the district at the office of said board, and must be in sealed envelopes, addressed to the Board of Directors of Merced Irrigation District.

Dated at Merced, California, June 15, 1923.

By order of said Board of Directors.

A. L. COWELL, Secretary

NOTICE TO CONTRACTORS

(Detention Home—Stanislaus County)

Pursuant to an order of the Board of Supervisors of the County of Stanislaus, State of California, made and entered on the 12th day of June, 1923, notice is hereby given that sealed bids will be received by the undersigned clerk of the Board of Supervisors of Stanislaus County, up to and not later than the hour of **10:30 o'clock a. m., of the 10th day of July, 1923,** for the erection of a Juvenile Detention Home in the city of Modesto, County of Stanislaus, State of California.

Said building to be constructed in accordance with the plans and specifications therefor on file in my office, where the same can be inspected by intending bidders during office hours.

All bids must be accompanied by a certified check on some solvent bank of the State of California, in a sum equal to ten per cent of the amount bid, conditioned that the successful bidder will enter into such contract and furnish such bond as may be required within ten days after such award, or failing so to do will forfeit the amount of such check as liquidated damages for such failure.

Bids to be submitted on special forms which can be obtained from James H. Hoose, the architect, whose office is in the Ramont Bldg., in the city of Modesto. A copy of the plans and specifications may also be obtained from said architect.

The Board reserves the right to reject any or all bids.

C. C. EASTIN, JR.,
Clerk of the Board of Supervisors of the County of Stanislaus, State of California.

NOTICE TO BIDDERS

(Santa Clara County—Trailers)

Notice is hereby given that sealed proposals or bids will be received by the Board of Supervisors of Santa Clara County, California, in their rooms in the Court House, in the City of San Jose, **up to 11 o'clock A. M., of Monday, July 2nd, 1923,** for three or more four-ton trailers, shall be of the reversible type, having a steel frame, the main members of which shall be of six-inch channel or I beam construction. The springs shall be 37" inches wide; axles shall be drop forged steel, heat treated, with nickle spindles; Timken bearings; wheels 36"x6" SAE standard artillery type, with 2½-inch square spokes; tires to be 36"x7" solid, pressed on. The body is to be what is known as the hopper design (4-yard capacity) with bottom regulating dump, of all steel construction, with slope of ends of body not over 45° from the vertical, in accordance with plans and specifications on file in the chambers of the Board of Supervisors.

Each bid must be accompanied by a certified check in the sum of 10 per cent of the amount bid, drawn upon some reliable bank in favor of Henry A. Pfister, County Clerk.

The Board reserves the right to reject any and all bids.

All bids must be addressed to A. L. Hubbard, Chairman of the Board of Supervisors of Santa Clara County, and indorsed "Bids for Trailers."

By order of the Board of Supervisors of Santa Clara County.

HENRY 9. PFISTER, Clerk.
By Eugene M. Don, Deputy Clerk.

NOTICE TO BIDDERS

(Tank and Water Mains)

Notice is hereby given that sealed bids will be received by the Tri-County Hospital Committee, at their office at the Tri-County Sanitarium at Ahwahnee, California, **up to the hour of 12 o'clock, M., of Saturday, July 14, 1923,** for the construction of concrete tank and laying of water mains, complete, according to plans and specifications on

fils in the office of J. O. Rue, County Surveyor of Madera County, in the courthouse of Madera County, in Madera, California.

Separate bids may be submitted for construction of tank and for laying of the watermains or bids may be submitted for the whole.

All bids must be accompanied by a certified check of at least 10 per cent of the amount of bid.

The committee reserves the right to reject any or all bids.

Dated at Madera, California, June 18, 1923.

T. J. CRONIN,
Secretary Tri-County Hospital Committee

NOTICE TO CONTRACTORS

(Schools—Modesto, Calif.)

Separate sealed proposals will be received at the office of the Board of Education of the Modesto City School District of Stanislaus County, California, **between 7:30 P. M., and 8:30 P. M., the 5th day of July, 1923,** for furnishing and installing electrical heating equipment and electrical wiring for same and for furnishing and installing the electrical service lines from power company's poles to the different buildings, connecting same to electrical heating system.

Contractors shall submit separate bids for:

A new school "A" on the Maze lot, located on Locust and Franklin Streets.

A new school "B" on the Morris Avenue Lot, located on Morris Avenue.

An addition "C" to the Washington Street School.

An addition "D" to the 17th Street Schools.

Bids will be opened at the latter hour above mentioned and publicly announced.

The Board reserves the right to accept or reject any or all bids.

Plans of the buildings may be seen at the office of the Board of Education, High School Building, Modesto, Calif., or at the office of the Architects, 1916 Broadway, Oakland, California. A deposit of $20.00 will be required as a guarantee of the return of the plans taken from either office and will be refunded to the Contractor when the plans are returned in good condition.

Bidders shall submit a definite proposition stipulating precisely what they will furnish, their guarantee for maintenance and uniformity of heat, type of electrical heating equipment, the size wires for all service and shall state the approximate cost of maintaining uniform heat 70 degrees F. when the outside temperature is 30 degrees F. The successful bidder will be required to furnish a surety bond to cover their guarantee as above stated.

A certified check for not less than 5% of the amount of the proposal payable to the Modesto City School District of Stanislaus County, California, must accompany each proposal. Should a bidder fail to obtain a bond and sign a contract for the amount of his proposal, his check is forfeited. All checks will be returned to bidders on application at the office of the Secretary of the Board after the contract has been signed and bond furnished by the Contractor whose bid has been accepted.

Proposals shall be made upon the bidder's letterhead.

Proposals shall be delivered to Miss Kathleen G. Prewett, Secretary of the Board of Education, Modesto, California, enclosed in an opaque sealed envelope addressed to the Board of Education, Modesto City School District of Stanislaus County, California. Place on the envelope the name of the bidder and these words "Bid on the electrical heating equipment and wiring for the new Schools on the Maze and Morris Avenue Lots and additions to the Washington Street School and the 17th Street School."

Before submitting a proposal, bidders should carefully examine the drawing visit the site and fully inform themselves as to all existing conditions and limitations, and shall include in the proposal a sum to cover the cost of all items contemplated by the contract.

The competency and responsibility of bidders will be considered in making the award. The Board of Education reserves the right to reject any or all bids. The Board of Education reserves the right to waive any or all irregularities in the bids submitted.

The drawings must be returned in good order before or at the time the proposal is submitted.

Any bulletins or addenda issued during the time of bidding are to be covered in the proposal, and in closing a contract they will become a part thereof.

KATHLEEN G. PREWETT,
Secretary Board of Education, Modesto City School District, Modesto, Calif.

NOTICE TO CONTRACTORS

(Wire Fence—Fort Mason)

OFFICE CONSTRUCTING QUARTERMASTER, Fort Mason, Calif.—Sealed proposals will be received here until 11 A. M., June 26, 1923, for constructing an ornamental wire fence at Fort Mason, Calif. Information on application.

NOTICE TO CONTRACTORS

(Fort Mason—Heating System)

OFFICE CONSTRUCTING QUARTERMASTER, Fort Mason, Calif.—Sealed proposals will be received here until 11 A. M., June 25, 1923, for altering and extending heating system at Letterman General Hospital, Calif. Information on application.

NOTICE TO CONTRACTORS

(Modesto Junior College)

Notice is hereby given that sealed bids will be received and opened by the Board of Trustees of the Modesto Junior College District, Stanislaus County, State of California, **between 7:30 P. M. and 8:30 P. M., the 5th day of July, 1923,** in the office of the Board, Modesto High School Building, H Street, Modesto, Calif., for the installation and completion of the following work in the new Junior College building being built in the City of Modesto, Stanislaus County, State of California, in accordance with plans and specifications made for the same by W. H. Weeks, the authorized Architect, employed by the Board.

Segregated bids will be received on the work as follows:

1. Electric Heating System.
2. Electric Work.
3. Blackboard.
   (1st bid—Composition Board)
   2nd bid—Slate Board.)
4. Window Shades.
5. Metal Guides for Window Shades.
6. Special Fixtures.

Plans and specifications may be obtained at the office of the Architect, W. H. Weeks, 369 Pine Street, San Francisco, California, or may be seen at the office of the Clerk of the Board of Trustees, High School Building, in the City of Modesto.

All bids should be presented on bid forms furnished by the Architect. Each bid must be accompanied by a certified check on some responsible California bank in the sum of not less than Five per cent (5%) of the amount of the bid, made payable to Kathleen G. Prewett, Clerk of the Board of Trustees of the Modesto Junior College District, for the purposes stated in the specifications.

Each bid must be enclosed in a sealed envelope and addressed to Miss Kathleen G. Prewett, Clerk of the Board of Trustees of the Modesto Junior College District, and endorsed: "Proposals for (name segregation) for Junior College Building."

The Board reserves the right to reject any and all bids. The Board reserves the right to waive any or all irregularities in the bids submitted.

Bids must be delivered to the undersigned Clerk of the Board at Modesto, at the time and place above stated, or any time up to the hour of opening of said bids.

KATHLEEN G. PREWETT,
Clerk of the Board of Trustees of the Modesto Junior College District, Modesto, Stanislaus County, Calif.

HARDWARE BIDS WANTED

(Reno Junior High School)

The Board of Trustees of Reno School District No. Ten, Washoe County, Nevada, will receive sealed bids until 5:00 p. m., July 2, 1923, for finish hardware for the Junior High School Building now in process of construction. Specifications for said hardware may be obtained at the office of Geo. A. Ferris & Son, Architects, Room 13, Heidtman Building, 150 N. Virginia Street, Reno, Nevada, where all bids shall be submitted. Said Board of Trustees reserves the right to reject any or all bids.

BOARD OF TRUSTEES, RENO SCHOOL DIST. NO. TEN—By
ROBERT M. PRICE, President,
THEO. W. Clark, Clerk.

Reno, Nevada, June 19, 1923.

NOTICE TO BIDDERS

(County of Madera—Equipment)

NOTICE IS HEREBY GIVEN THAT pursuant to an order of the Board of Supervisors made and entered on the 5th day of June, 1923, sealed bids will be received by said Board at their Office in the Court House, in the City of Madera, County of Madera, State of California, **up to July 3rd, 1923, at 10 o'clock A. M.,** for the following truck equipment:

2—4 Yard dump beds with horizontal hydraulic power lift, installed on 2 Madera County Liberty trucks located at Madera, California.

2—2½ Yard dump beds with horizontal hydraulic power lift, installed on 2 Madera County Pierce Arrow trucks located at Madera, California.

All dump beds to be equipped with not less than ⅜ inch Steel and to have double action tail gates.

Each bid to be accompanied with a picture or drawing of the dump bed offered.

Each bid to be accompanied by a certified check of 10 per cent of amount bid to insure the delivery of said dump beds as submitted.

All bids must be sealed and addressed to L. W. Cooper, County Clerk and ex-officio Clerk of the Board of Supervisors of the County of Madera, State of California and be delivered to and filed with said Clerk prior to the 3rd day of July at 10 o'clock A. M.

The Board reserves the right to reject any and all bids.

Dated June 5th, 1923.

(SEAL) L. W. COOPER,
County Clerk and ex-officio Clerk of the Board of Supervisors of Madera County, State of California.

NOTICE TO BIDDERS

(Refrigerating & Ice Making Plant)

Notice is hereby given that sealed proposals or bids will be received by the Board of Supervisors of Santa Clara County, California, in their rooms in the Court House, in the City of San Jose, up to **11 o'clock a. m. of Monday, July 2nd, 1923,** for the refrigerating and ice-making plant, as well as building housing same, to be installed at Santa Clara County Hospital, Santa Clara County, California. Plans and specifications may be obtained from Binder & Curtis, architects, San Jose, Calif.

Each bid must be accompanied by a certified check in the sum of 10 per cent of the amount bid, drawn upon some reliable bank in favor of Henry A. Pfister, County Clerk, as liquidated damages in case the successful bidder fails to file a satisfactory bond as required by said Board within 10 days for the faithful performance of the conditions of the contract.

The Board reserves the right to reject any and all bids.

All bids must be addressed to A. L. Hubbard, Chairman of the Board of Supervisors of Santa Clara County, and indorsed "Bids for Ice-Making Plant."

By order of the Board of Supervisors of Santa Clara County.

Attest: HENRY A. PFISTER, Clerk.
By Eugene M. Don, Deputy Clerk.

Engineering News Section

BRIDGES

VISALIA, Tulare Co., Cal.—All bids for the constr. of a concrete culvert over Mill Creek rejected by the city trustees June 11. Bids were:

Chas. Godfrey—(1) Wooden bridge, no bid; (2) reinf. conc. cuuvert, $22.40 cu. yd.; (3) plan concr., $18.50 cu. yd.

A. E. Noble—(1) $1030; (2) $31; (3) $18.

E. G. Noble—(1) $1090; (2) $26; (3) $20.

EUREKA, Humboldt Co., Cal.—Smith Bros., Eureka, at $2449 awarded cont. by supervisors to const. bridge at Booths Run.

OROVILLE, Butte Co., Cal.—C. F. Belding, County Clerk, instructed to advertise for bids to const. two bridges, one over Dry Creek on Nelson-Butte road and one over a branch of Dry Creek. Harry H. Hume, County Surv.

SAN MATEO CO., Cal.—As previously reported, bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, until July 2, 2 p. m., to const. rein. conc. bridge consisting of 20 rein. conc. girder spans with necessary bents, abutments and wing walls on Crystal Springs Dam near San Mateo on Skyline Blvd. Project involv. 1300 cu. yds. class A and 100 cu. yds. class C Port. cement conc.; 275,000 lbs. rein. steel. R. M. Morton, state highway engineer.

OROVILLE, Butte Co., Cal.—Until July 6, 1:45 p. m., bids will be rec. by C. F. Belding, county clerk, to const. bridge over a branch of Dry Creek on Nelson-Butte Creek county road. Cert. check 10% req. Plans obtainable from County Rd. Eng. Harry H. Hume.

OLYMPIA, Wash.—See "Streets and Sewers," this issue.

NAPA, Napa Co., Cal.—Until July 10 10 a. m., bids will be rec. by Jas. A. Daly, county clerk, to const. two rein. conc. deck bridges on Dry Creek rd.; one near Schulte ranch and another approx. 1 mi. north of junction of Dry Creek and Oakville roads. Cert. check 10% payable to Chairman of Bd. of Sups. req. Edw. P. Ball, county surv.

OROVILLE, Butte Co., Cal. — Until July 6, 1:30 p. m., bids will be rec. by C. F. Belding, county clerk, to const. an addition to bridge over Dry Creek on Nelson and Butte Creek county bond road. Cert. check 10% req. Plans obtainable from County Rd. Eng. Harry H. Hume.

LONGMIRE, Wash. — See "Government Works and Supplies," this issue.

LOS ANGELES, Cal. — City Engr. Griffin preparing plans for 6 viaducts to be built over the Los Angeles river by the city, county and railways, following the voting of the $2,000,000 bonds for the city's share of this work. The viaducts will be built at Macy, Aliso, First, Fourth, Seventh and Ninth Sts. The Ninth St. structure as well as the others, will be reinf. conc., , 70 ft. in width; 3 arches with long approaches Work will necessitate the constr. of 6 piers. The Ninth St. bridge will carry no railway trucks and will have a 56-ft. roadway, with 6-ft. walks and balustrade. The total cost will be $1,000,000 of which the city will pay $200,000.

NAPA, Napa Co., Cal.—County Surv. Edw. P. Ball completing plans for new concrete bridge to span Napa river nr. Wassum Ranch about 4 mi. n.e. of Napa to replace two wooden structures now in place. Structure will be 60 ft. long.

DREDGING, HARBOR WORKS AND EXCAVATIONS

OAKDALE, Stanislaus Co., Cal—Oakdale Irrigation District will call election to vote bonds of $300,000 to finance enlargement of canals.

SACRAMENTO, Cal.—Until July 5, 9:15 p. m., bids will be rec. by H. G. Denton, city clerk, to const. 54,700 ft. sq. ft. 4-in. concrete retetment with head and toe walls on water slope of Sacramento river, bet. point approx. 1100 ft. north of Sutterville levee and pt. approx. 7200 ft. north of said levee including necessary grading & trenching. Cert. check 10% payable to city controller req. with each bid. Bond of $5000 req. of successful bidder. Plans on file in office of clerk. Albert Givan city eng.

LOS ANGELES, Cal.—San Francisco Bridge Co., 1005 Nevada Bldg., San Francisco, awarded contr. by U. S. Dist. Engr.'s Office, at $419,226 for dredging area No. 3, Los Angeles harbor, involv. 1,306,000 cu. yds. dredging at 32.1c yd.

Fred C. Franks Co., 485 California St., San Francisco, awarded the contr. at $337,953 for dredging areas 4, 5 and 6, involv. 1,694,000 cu. yds. at 19.95c yd.

The San Francisco Bridge Co. will start work immediately, while the Fred C. Franks Co. will not commence operations until October.

MONTEBELLO, Cal.—See "Pipe Lines, Wells," this issue.

MERCED, Merced Co., Cal.—Bids will be asked at once by the Merced Irrigation District to const. approx. ditch laterals involv. 125,000 cu. yds. earthwork. R. C. Starrett, Ch. Eng. for Dist. **See call for bids under official proposal section in this issue.**

TUCSON, Ariz.—An election will be held July 23, to vote on a $75,000 bond issue for reclamation of the Arroyo. This will make available 4 city blocks near the center of town.

IRRIGATION PROJECTS

HAYFORK, Trinity Co., Cal.—T. J. Morrissey, landowner, has financed preliminary surveys for proposed Hayfork Irrigation District comprising approx. 15,000 acres. Project contemplates construction of several storage reservoirs. Steps are now being taken to organize district.

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OROVILLE, Butte Co., Cal.—Table Mountain Irrigation District votes votes bonds of $125,000 to finance construction of works in district.

MODESTO, Stanislaus Co., Cal.—State Bonding Commission has approved proposed $135,000 bond issue of Modesto Irrigation District, proceeds of sale to finance installation of adequate drainage system. Percy Jones, Ch. Eng. for Dist.

LIGHTING SYSTEMS

SISSON, Siskiyou Co., Cal.—Chamber of Commerce has agreed to install electroliers system in 3 business blocks; est. cost, $1600.

FRESNO, Fresno Co., Cal—City council, R. Y. St. George, clerk, declares inten. to install 155 electroliers with necessary conduits and appurtenances to be installed in portions of Kerckhoff Ave., Huntington Blvd., South First Sta. etc. Electrolier to be c. i. and steel with single lamp globe and lamp; set on Port. cem. conc. foundations, 2-ft. sq. and 2-ft. deep; conduit to be galv. metal tubing containing wire conductors. 1911 Act. Protests June 28. Wm. Stranahan, city eng.

BAKERSFIELD, Kern Co., Cal.—H. I. Tupman, president of city planning commission, has recommended formation of street lighting district, by ordinance to include 60 blocks, annual maintenance cost of which is estimated at $12,000. Type of standard is yet to be selected. W. D. Clarke is city eng.

LOS ANGELES, Cal.—Until 10 a. m., July 2, bids will be rec. by Br. Pub. Wks. to const. ornam. light. sys. on Hollywood Blvd. bet. Vermont Ave. and Vine St. Plans on file at office of city electrician, 203 N City Hall Annex. Cert check or bond 10%.

FRESNO, Fresno Co., Cal.—Until June 28, 3 P. M., bids will be rec. by R. Y. St. George, City Cltrk. to install 99 electroliers together with necessary conduits and appurtenances in portions of Van Ness Blvd., Moroa Ave., Lucerne Lane, etc. Standards to be comb. c. i. and steel, single lamp globe and lamp, set on conc. foundation, 2 ft. deep and 2 ft. sq. Conduit to be galv. metal tubing containing wire conductors. 1911 Act. Cert. check 10% payable to city req. Wm. Stranahan, City Eng.

City Eng. G. Stanley Whitehead preparing spec. to install additional electroliers in B street, the present system ending at Fifth Avenue.

SAN BERNARDINO, Cal.—Council declares inten. to const. concr. post lighting system in Mt. Vernon Ave., bet. Third and Mill Sts. Posts shall be of Marbelite type; 1911 Act. J. H. Osborn, City Clerk.

MACHINERY & EQUIPMENT

SAN JOSE, Santa Clara Co., Cal.—Until July 2, 11 a. m., bids will be rec. by Henry A. Pfister, county clerk, for fur. three or more 4-ton trailers of the reversible type, having steel frame, main members of which shall be 6-in. channel or I beam construction. Springs to be 3½-in. wide; axles to be drop forged steel; heat treated, with nickel spindles; Timken bearings; wheels 36-in. by 6 -in. SAE standard artillery type, with 2½ in. square spokes; tires to be 36x7-in. solid, pressed on. Body to be what is known as hopper design (4-yd. capacity) with bottom regulating dump, all steel. **See call for bids under official proposal section in this issue.**

WILLOWS, Glenn Co., Cal.—Until July 9, 10 A. M., bids will be rec. by W. H. Sale, County Clerk, for fur. for use in Rd. Dist. 4, one portable truck loader mounted on steel truck with all steel and malleable iron bucket elevator, having capacity of one-half to three-fourths cu. yds. of rock or gravel, per min.; loader to have power plant consisting of F. B. 3½ H. P. gasoline motor, identical with or eq. to Spearwell Little Giant loader. Bayard Knock, County Surv.

WILLOWS, Glenn Co., Cal.—Until July 9, 10 A. M., bids will be rec. by W. H. Sale, County Clerk, for fur. for use in Rd. Dist. 1, one 2-ton T35 Holt Tractor. Bayard Knock, County Surv.

OAKLAND, Cal.—Until June 26, 2 p. m., bids will be rec. by Henry F. Vogt., secy. Park Commission, for fur. and del. one auto truck. Bond of $500 req. of successful bidder. Further information obtainable from secy., Room 407, city hall.

LOS ANGELES, Cal.—Until 3 P. M., June 26, bids will be rec. by public service comm., 207 S. Broadway, for one wheel type trench excav. machine. Spec. 677-A. Jas. P. Vroman, secy.

WILLOWS, Glenn Co., Cal.—Until July 9, 10 A. M., bids will be rec. by W. H. Sale, County Clerk, for fur. for use in Rd. Dist. 4, one 9x16, Reliance Portable Crusher on 4-wheel trucks, with one 4-ft. folding elevator, shipping weight 9,700 lbs. Bayard Knock, County Surv.

SAN JOSE, Santa Clara Co., Cal.—Until July 2, 11 a. m., bids will be rec. by Henry A. Pfister, county clerk, for fur. and del. one 1-ton worm drive truck equipped; high-speed worm, Ruckstell 2-speed axle, self starter, demountable rims, 32x4½ cord tires in rear, 30x3½ fabric tires in front; Body No. 254A Martin-Parry stake body, cab and windshield; inside dimensions of body, 92x63-in. height of stakes, 30-in. Cert. check 10% payable to county clerk required.

COVINA, Cal.—Until 7:30 p. m., July 2, bids will be rec. by trustees Covina union high school dist. for new truck for transportation of pupils. W. S. Sawyer, chairman truck committee. Geo. F. Chemberlen, clerk.

RENO, Nevada—Allied Machinery Corp, 465 E-Third St., Los Angeles, submits low bid to Washoe County Commissioners for fur. and del. one gasoline shovel, ¾-yd. capacity, caterpillar type. Other bids were:

Pawling & Harnischfeger Co., 32 Beale St., San Francisco, $9,820.50.

Smith-Booth-Usher Co., 50 Fremont St., San Francisco, One-half yd., $7,900; ¾-yd. $9,120.

Spears-Wells Machinery Co., 9th and Cedar Sts., Oakland, $8,932.

Harron-Rickard-McCone, 139 Townsend St., San Francisco, $9,575.

Lucyrus Co., 433 California St., San Francisco, $17,100.

Ricker Machinery Co., Monadnock Bldg., San Francisco, $15,210.

G. W. Smith Co., Reno, Nevada, $8925.

Ransome & McClelland, Monadnock Bldg., San Francisco, $9900.

Complete list of bids received for fur. and del. one portable gasoline driven drilling outfit on file in office of Larsen Construction Reports, 560 Mission St., San Francisco, where they may be seen by interested parties.

RAILROADS

WASHINGTON—Oregon Short Line authorized by Interstate Commerce Commission to proceed with the construction of a short line branch at Nampa, Ida., enabling the railroad to route trains directly through Nampa to Boise.

EUREKA, Humboldt Co., Cal.—Until July 2, 5 p. m., bids will be rec. by John Griffith, city supt. of public wks., for fur. 10 kegs 9-16x5-in. r.r spikes f. o. b. Eureka, delivery to be made 30 days after award of contract. See call for bids under official proposal section in this issue.

SEATTLE, Wash.—Until June 29, 10 A. M., bids will be rec. by W. D. Freeman, city purchasing agent, for fur. one street railway cable, 14,150 ft. long, and one 22,900 ft. long; the first to be 1¼" in dia. and the second 1½". Both cables to be 6 strand, 16 wire, 8½" lay, cast crucible steel, Lang Lay. Consideration for early delivery will be given at time of award.

SAN FRANCISCO—As a result of the decision of the U. S. Circuit Court of Appeals approving the merger of the Southern Pacific Co., with the Central Pacific, the company will proceed immediately with extensive improvements and extensions. Early construction is planned on the double-tracking of the company's lines eastward from Oakland to Ogden, and southward from Oakland over the Tehachapi Pass. Other plans include the building of the 100-mile Natron cut-off from Klamath Falls to Eugene, Oregon, at a cost of approx. $11,000,000; const. of a new line into Imperial Valley, and the building of two new pieces of roadway in Kings county.

MODESTO, Stanislaus Co., Cal.—Until July 10, 10 a. m., bids will be rec. by C. C. Eastin, Jr., county clerk, to const 387 ft. industrial spur track in city of Turlock. Cert. check 10% req. with each bid. Plans on file in office of clerk. J. H. Hoskins, county surv.

LOS ANGELES, Cal.—American Locomotive Co. submitted low bid to harbor comm. at $12,300 for one 40-ton saddleback locomotive under spec. 477; shipment in 35 days. Other bids were: Rosenberg Co., $13,000; allowance of $5600 on second hand engine. Davenport Locomotive Wks. $13,900; 120 days. H. K. Porter Co., $14,193; 3 to 60 days. Baldwin Locomotive Wks., $14,200; about 4 months.

TUCSON, Ariz.—The proposed route of the Tucson, Phoenix and Tidewater Ry., will parallel the S. P. line out of Tucson, to a point 6 mi. beyond Red Rock, crossing the latter line by overhead trestle, crossing the Gila river and following the river 7 or 8 mi. down stream, crossing Sacaton Indian Reservation, thence to Chandler, skirting that city and entering Phoenix by way of Mesa and Temple. Jas. S. Douglas, promoter. The city commission has voted to submit to voters on July 18, matter of franchise for road through Madison St., Tucson.

FIRE ALARM SYSTEMS

MADERA, Madera Co., Cal.—City trustees take under advisement, the offer of the Gamewell Fire Alarm Co., to rebuild present fire alarm system, istall new boxes, etc., for $4745, 6% to be charged for deferred payments. A. M. Acton, City Eng.

TULARE, Tulare Co., Cal.—City votes bonds of $5000 to finance completion of fire alarm system.

SANTA ANA, Cal.—Plans under way for complete remodeling of the fire alarm system. City clerk has been instructed to advertise for bids for fire equipment. E. L. Vegeley, city clerk.

SANTA ANA, Cal.—See "Fire Equipment," this issue.

FIRE EQUIPMENT

SANTA ANA, Cal.—See "Fire Alarm systems," this issue.

SANTA ANA, Cal.—Until 7 P. M., July 2, bids will be rec. by City Trustees for (1) combination squad wagon on a Reo 1¼-ton chassis; (2) one combination hose and pumper, 750-gal. capacity, 6-cyl. motor; (3) Gamewell perfect fire alarm signal system; (4) 5000 ft. 2½-in. rubber fire hose. Cert. chk., 5%. E. L. Vegeley, City Clk.

SANTA CRUZ, Santa Cruz Co., Cal. Council rejects bid of American La France Company to fur. motor pumping fire engine.

MISCELLANEOUS SUPPLIES

HANFORD, Kings Co., Cal. — City Clerk D. C. Williams instructed to secure prices on street signs to replace those destroyed in various sections of the city.

SAN FRANCISCO—Until July 12, 2:30 p. m., bids will be rec. by J. H Zemansky, Registrar of Voters, for fur. voting machines. Complete particulars obtainable from above.

PIPE LINES, WELLS, ETC.

MONTEBELLO, Cal.—Until 8 p. m., June 26, bids will be rec. by South Montebello Irri. Dist. at Montebello, for fur. trenching and laying 67,500 ft. riveted steel pipe, 4 to 18 in. dia., with valves and appurtenances; also for steel tower 25 ft. high and steel tank 250,000 gals. capacity, and pumping plant. For pump alternate bids will be taken for (1) deep well turbine pump, 1125 G. P. M., installed in 12-in. well; (2) larger turbine pump of same capacity, bidder to enlarge well; (3) changing existing pump and installing one new deep well turbine pump and two horizontal booster pumps, to give total capacity 1125 G. P. M. Cert. check for 10%. Plans and spec. may be obtained at office of Olmsted & Gillelen, engrs., Hollingsworth Bldg., Los Angeles. Sarah F. Becker, Secy. Dist. Bonds to amt. of $125,000 have been voted.

LOS ANGELES, Cal.—American Cast Iron Pipe & Fdy. Co., 439 E 3rd St., awarded cont. by public service comm. for fur. 10,000 pcs. 4-in. c. i. pipe, in 16-ft. lengths at 66.14c per ton, and 10,000 pcs. 6-in. pipe in 16-ft. lengths, at $62.14 f. o. b. Enterprise St. yard. Shipment, Oct., Nov., and Dec. Department to receive benefit of any reduction in freight rates.

LOS ANGELES, Cal.—Until 3 p. m., June 26, bids will be rec. by public service comm., 207 S Broadway, for Matheson joint, bell and spigot, welded steel pipe (in 20 ft. lengths) f. o. b. cars, San Fernando, as follows: (1) 75,000 ft. 6-in.; (2) 20,000 ft. 8-in.; (3) 30,000 ft. 12-in.; (4) 3000 ft. 14-in. Spec. 677-B. Jas. P. Vroman, secy.

SANTA BARBARA, Cal.—American Cast Iron Pipe & Fdy. Co., 439 E. 3rd St., Los Angeles, awarded contr. by council at $1200 for fur. 4500 ft. 8-in. C. I. water pipe, or at the rate of $73 ton.

ONTARIO, Cal.—Until 8 P. M., July 2, bids will be rec. by City Clk. D. B. Wynne, for 2500 ft. 4-in., 2500 ft., 2-in. and 300 ft. ¾-in. black wrought iron pipe. Dia., and weight per ft. and date of shipment to be furnished with bid.

SEWAGE DISPOSAL PLANTS

TUCSON, Ariz.—An election will be held July 23, to vote on a $26,000 bond issue for improvements and enlargements to the city sewer farm.

MISCELLANEOUS CONSTRUCTION

SAN FRANCISCO—State Board of Harbor Commissioners, Ferry Bldg., plans construction of subway for Vehicular traffic under the Ferry Loop at the foot of Market street; will extend from Mission to Merchant street, beneath the Embarcadero. Frank G. White, Ch. Eng. for Comm.

MARTINEZ, Contra Costa Co., Cal. — Western Pipe and Steel Co., 444 Market St. San Francisco at $37,850 awarded cont. by Associated Oil Co., to erect three 15,000 bbl. capacity steel tanks and one tank of 300 bbl. and three of 1000 bbls. capacity at Avon refinery,

AHWAHNEE, Madera Co., Cal.—Until July 14, 12 m., bids will be rec. by T. J. Cronin, secy. Tri-County Hospital Committee, Ahwahnee, to construct concrete tank and lay water mains complete. Plans by J. O. Rue, county surveyor of Madera county. Separate bids are desired for tank and mains. Cert. check 10% req. Plans obtainable from county surv. at Madera. **See call for bids under official proposal section in this issue.**

LOS ANGELES, Cal.—Western Pipe and Steel Co., 6717 Santa Fe St., Los Angeles, at $36,640 awarded cont. by Associated Oil Co., to fabricate and erect thirteen 80,000 bbls. water seal top tanks in various sections of Los Angeles county. Same firm also awarded cont. to erect six 178,000 bbls. water seal top tanks at Associated Oil Watson Tank Farm at $77,859.

TUCSON, Ariz.—The $30,000 incinerator bond issue will be voted upon at special election to be held July 23.

WATER WORKS

GLENDALE, Cal.—Worthington Machinery Co., awarded contr. by council at $996.50 for one 12,000 gal. pump and one 150 h. p. motor for water dept.

LOS ANGELES, Cal.—Until 3 P. M., June 29, bids will be rec. by public service comm., 207 S. Broadway, for gate valves. Spec. 678. Jas. P. Vroman, Secy.

SAN FRANCISCO—See "Government Work and Supplies," this issue. U. S. Engineer Office; motor.

SAN BRUNO, San Mateo Co., Cal.—Bonds of $220,000 voted to improve and extend water system. Proceeds of sale of bonds will finance:

(1) Sink 2 additional wells, to be double cased with outside dia. 16-in. and inside dia. 12-in., ranging in depth from 375 to 400 ft.

(2) Install 3 deep well pumps, to be "Garrett Differential Plunger Pumps" capacity of 200 gals. per min.; each driven by 15 h. p. elec. motor, equipment to be housed in corru iron shed with "A" frame tower to handle equipment.

(3) Construction of 2 steel rein conc settling tanks, 9½ by 22½ ft., 7-ft. deep, to be equipped with baffle walls to aid sedimentation.

(4) Construction of one steel rein. conc. storage tank, 25-ft. dia., 13-ft. deep.

(5) Install 2 booster pumps, triplex of Dow-Herriman type with 6-in. suction and 5-in. discharge, each having capacity 220 gals. per at 55 rev. per min. Pumps to be driven by 20 h. p. electric motor, all to be housed in fireproof steel corru. iron pumphouse.

(6) Construct 1 large main reservoir, storage capacity of 200,000 gals.

(7) Distributing system; hydrants to be installed to care for 100,000 sq. ft. of area in business and 120,000 sq. ft. in residential district with approx. 300 ft. of fire hose. Hydrants to be double nozzle. Approx. 300 water meters will be installed. Geo. A. Kneese, Courthouse, Redwood City, eng.

AHWAHNEE, Madera Co., Cal.—See "Miscellaneous Construction," this issue.

MERCED, Merced Co., Cal.—Byron-Jackson Pump Mfg. Co., 55 new Montgomery St., San Francisco, at approx. $29,912 awarded cont. by Merced Irrigation District to fur. and install. 35 deep well turbine pumps.

General Electric Co., Rialto Bldg., San Francisco, at approx. $16,700 awarded cont. to fur. motors and electrical equipment for above pumps.

PASCO, Wash.—City council contemplates appointment of engineer to make survey for proposed city water system.

LOS ANGELES, Cal.—N. O. Nelson Mfg. Co., 724 Terminal St., awarded cont. by public service comm., June 15, at $407.26 each for gate valves under spec. 673; delivery 90 days.

MONTEBELLO, Cal.—See "Pipe Lines Wells," this issue.

SANTA BARBARA, Cal.—City Council has called a special election for July 24, to vote a special tax assessment to raise a fund of $100,000 for improving the water mains on State St. and connecting them with the source of supply.

GLENDALE, Cal.—Until 7:00 P. M., July 2, bids will be rec. by City Clerk Van Wie for furnishing one 350 h. p. 3-phase, 4 pole, 50 cycle, 2200 volt, 40 degree squirrel cage induction motor and starter. Spec. to accompany bid.

GLENDALE, Cal.—Until 7:00 P. M., July 2, bids will be rec. by City Clerk Van Wie for furnishing 1 centrifugal pump of 3000 gal. per min. capacity against 320-ft. head, spec. to accompany bid. Cert. chk. 10%.

PLAYGROUNDS & PARKS

LONG BEACH, Cal.—City votes bonds of $900,000 to finance development of 400-acre tract for recreation park.

EUREKA, Humboldt Co., Cal.—Second election held to vote bonds of $100,000 to finance purchase and improvement of park lands failed to carry.

SEWERS AND STREET WORK

YREKA, Siskiyou Co., Cal. — Until July 2, 10 a. m., bids will be rec. by W. J. Nellon, county clerk, to const. Forest Mountain Rd. No. 169, involv. 36,000 cu. yds. excavation; 61 cu. yds. conc. (culverts); 21 cu. yds. conc. culverts, (end walls and drop inlets); 158 lin. ft. 12-in., 28 lin. ft. 15-in., 22 lin. ft. 18-in. and 104 lin. ft. 24-in. corru. iron pipe. 600 lin. ft. guard fence. Est. cost $38,666. County will furnish corru. iron pipe. A. F. Parrott, county surv. **Specifications on file in office of Building & Engineering News, 560 Mission St., San Francisco.**

SAN LEANDRO, Alameda Co., Cal.—No bids rec. by town trustees, J. J. Gill clerk, for fur. and spreading oil on street surfaces in city, for year ending June 30, 1924. H. Goodwin, city eng. Bids will be re-advertised.

NAPA, Napa Co., Cal. City Eng. H. A. Harrold completing spec. to imp. Lincoln Ave.; widen, grade and surface with asph. macadam.

SANTA CRUZ, Santa Cruz Co., Cal.—Granite Construction Co., Watsonville, at $10,667.10 awarded cont. by council to imp. Younglove Ave., bet. Errett Circle to present conc. pavement in Mission St.; Grade and pave with 5-in. conc. in 2 strips, each 10 ft. wide; const. storm water culverts consisting of corrugated metal pipe, comb. catchbasins and manholes. J. L. Conner bid $13,172.60.

SAN FRANCISCO—M. J. Lynch, care City Construction Co., Call Bldg., at $5213.70 submits low bid to Bd. Pub. Works to imp. Gilman Ave., bet. Ingalls and Griffith, involv. 2973 cu. yds. cut; 1446 cu. yds. fill and 2588 lin. ft. conc. curb. Other bids: T. M. Gallagher, $5625.20; Eaton and Smith, $5575.46; Municipal Const. Co., $6861.75; A. J. Granfield, $6334.

City Const. Co., Call Bldg., only bidder to imp. 22nd St., bet. DeHaro and Rhode Island, involv. 400 lin. ft. conc. curb and 8400 sq. ft. conc. pavement.

Municipal Const. Co., 112 Lyon St., at $3240 low bidder to imp. Heyman Ave., bet. Coleridge and Prospect Ave., involv. 315 lin. ft. granite curb; 195 sq. ft. art. stone walks; 2 br. catchbasins; 48 lin. ft. 10-in. culverts; 988 sq. ft. asph. conc. pavement and 5424 sq. ft. conc. pavement. Other bids: Raisch Imp. Co., $3379.80; Eaton and Smith, $3348.21.

City Const. Co., only bidder at $588.25 to imp. Collins St., bet. St. Rose and Geary, involv. 35 lin. ft. granite curb; 40 lin. ft. conc. curb and 1245 sq. ft. asph. conc. pavement.

Federal Const. Co., Call Cldg., Low bidder at $859.23 to imp. south one-half of Balboa St., from 22nd ave. 25 ft. westerly, involv. 108 lin. ft. conc. curb; 175 sq. ft. basalt pavement and 450 sq. ft. asph. conc. pavement and 1485 sq. ft. asph. surface. Municipal Const. Co., bid $596.58.

City Const. Co., only bidder at $384.16 to imp. Lyell St., bet. Springdale and Bosworth (where not already improved) involv. 50 lin. ft. conc. curb and 592 sq. ft. asph. conc. pavement.

SACRAMENTO, Cal.—City Commissioners, H. G. Denton, clerk, declares inten. to imp. following sts.:

9th St., bet. N & R Sts.; const. conc. curb and gutter; c. i. gutter drains with 6-in. vit. manhole connections; reconst. manholes and catchbasins; replace manhole and catchbasin covers; grade; asph. conc. pavement.

23rd St., bet. H & R Sts.; const. conc. curb and gutter; c. i. gutter drains with 6-in. vit. manhole connections; const. conc. manhole; reconst. manholes and catchbasins; grade; fill where below subgrade with crushed rock and pave with 2-in. seal coat and screenings.

Alley bet. N and O, 11th and 12th Sts.; place track drain and connect with manhole with 6-in. vit. pipe; reconst. existing manhole; remove flush tank and extend flusher branch to surface with 6-in. vit. pipe; grade; 5-in. hyd. conc. pavement.

Alley bet. H & I, 14th and 15th Sts.; const. conc. catchbasins with c. i. curbs and covers; reconst. manhole; const. conc. curtain wall; grade; 5-in. hyd. conc. pavement.

T St., bet. Front and 9th Sts.; const. conc. curb and gutter; reconst. manholes and catchbasins; grade; 2-in. asph. conc. pavement.

Stockton Blvd., bet. 31st and S. P. right-of-way and bet. S. P. right-of-way and 2nd Ave.; reconst. manholes; grade; asph. conc. pave with seal coat over present pavement.

Alley first e of 39th St. from manhole in Folsom Blvd. to manhole in S. P. right-of-way by const. 8-in. vit. sewer with 4-in. vit. wyes; const. conc. manholes.

All under 1911 Act. Protests July 6. Albert Givan, city eng.

MARTINEZ, Contra Costa Co., Cal.—Ross L. Calfee, 221 South 22nd St., Richmond, selected as engineer to prepare plans and specifications for sewer improvements for newly organized Mt. View Sanitary District in Contra Costa County, near Martinez.

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LOS ANGELES, Cal.—Supervisors declare inten. to imp. Miramonte Blvd., from Nadeau St. north to Florence Ave., under County Imp. No. 12. 2639 lin. ft. or .5 mi., involv. 2760 cu. yds. excav.; 5010 ft. curb; 19,765 sq ft. walk; 9590 sq. yds. oiled and screenings roadway. Est contr. price, $11,479.70. Average haul, .5 mi. fromFlorence Ave. Sta. on P. E. Ry

SAN MATEO, San Mateo Co., Cal.—Clark and Henery Const. Co., 38 South Sutter St., Stockton, at $112,711 submits low bid to city trustees to imp. portions of 1st 2nd, 3rd and 4th Aves., E, F, G, H and I ts., etc.; grade; pave with 1½-in. asph. conc. surface on 4½-in. hyd cone base; driveway approaches paved with 5-in. hyd. conc.; const. hyd. conc curbs; art. stone walks, 6-in. vit. sewers with 4-in. vlt. lateral sewers; br. manholes with c. i. covers; hyd. conc catchbasins. Other bids: Fay Imp. Co., $131,553; J. A. Costello, Jr., $122,073.

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NEVADA STATE—Wm. Hoops, Hollister, Idaho, $72,750.10 awarded cont. by State Highway Commission to const. 11.76 mi. in Elko county, bet. Hallack and Deeth, Sec C, involv 47,000 cu. yds. excav., unclass.; 11.75 mi. prepared subgrade and shoulders; 15,700 cu. yds. loading and screening gravel; 50,900 yd. mi. hauling gravel; 15,700 cu. yds. spreading gravel; 230 cu. yds. class A and 65 cu. yds. class B concrete; 630 lin. ft. 15-in.; 730 lin. ft. 18-in. and 204 lin. ft. 24-in. corru metal pipe, 848 lin. ft. wooden guard rail, 30 monuments.

NEVADA STATE—Alston and Hoggan, Salt Lake City, Utah, at $39,954 awarded cont. by State Highway Commission to const. 4.99 mi. of highway in Churchill county, bet. east city limits of Fallon to pt. 4.99 mi. south, involv. 4.99 mi. prepare subgrade and shoulders; 44,400 sq. yds. asph. macadam base course; 44,400 sq. yds. asph. macadam 2nd course and 44,400 sq. yds. seal coat State furnishes crushed rock and screenings in stock pile at Fallon and "E" Grade asph. f. o. b. tank cars, Fallon. Other bids: Christensen Const. Co., Palo Alto, Calif., $41,400; Fred H. Luetjens, Reno, Nevada, $45,174; Strahan, Bishop and Brooks, Sacramento, Calif., $45,673

SALINAS, Monterey Co., Cal.—Until July 2, 7:30 P. M., bids will be rec. by M. R. Keef, City Clerk, to imp. portions of West and Alisal streets; Pave with 1½-in. Warrenite-Bit. surface on 2½-in. asph. conc. base; const. hyd. conc. curbs and gutters; part circle galv. corru. iron culvert drain with hyd. cem. conc. base. 1915 Bond Act. Cert. check 10% payable to city req. Howard Cozzens, City Eng.

SAN JOSE, Santa Clara Co., Cal.—A. J. Raisch, 46 Kearny St., San Francisco awarded cont. by city council to imp.: Vine St., bet. Balbach and Willow: Grade; pave with 1½-in. Durite asph. conc. surface on 3-in. Durite asph. conc base; conc. gutters; 2 br. catchbasins; 8-in. pipe drains; 2 12-in. c. i. grates to be placed over 8-in. vit. sewer connecting storm water drain in Canoas creek.

17th St., bet. Santa Clara and San Carlos Sts.: Grade; 1½-in. Durite asph. conc. base; conc. curbs and gutters and walks; 2 br. catchbasins; 8-in. vit. pipe drains.

NEVADA STATE—Alston & Hoggan, Salt Lake City, Utah, at $31,926.90 awarded cont. by State Highway Commission to const. 3.70 mi. highway in Washoe county bet. Reno and Lawtons Involv. 19,580 sq. yds. cement conc. surface in place for gravel surface; 5600 yd. mi. hauling gravel for gravel surface; 3600 cu. yds. spreading gravel for gravel surface; 200 lin. ft. cem. conc. gutter; 3.70 mi. prepare subgrade for conc. surface; 3.70 mi. prepare subgrade for gravel surface; 3.70 mi. building shoulders. State furnishes: cem. for conc. surface and gutter, f. o. b. Reno or Lawtons; rock and sand for conc. surface and gutter in stock piles in Reno or Lawtons and gravel for gravel surface. Strahan, Bishop and Brooks, Sacramento, Calif. bid $44,789.40.

SALINAS, Monterey Co., Cal.—Until July 2, 7:30 P. M., bids will be rec. by M. R. Keef, City Clerk, to imp. portions of Maple, Chestnut, California Sts.: Grade; pave with 1½-in. Warrenite-Bit. surface on asph. conc. base of various thicknesses; hyd. cem. conc. curbs and gutters; const. catchbasins; connecting catchbasins with 12-in. galv. corru. iron pipe culvert; const. 4 6-in. full circle galv. iron pipe drains; 2 10-inll galv. iron corru. pipe drains. 1915 Bond Act and 1911 Act. Cert. check 10% payable to city req. Howard Cozzens, City Eng.

PASADENA, Cal.—Frederickson & Shannon, 325 Cory Bldg., Fresno, awarded contr. by city directors, at $137,407.09 to const. vit. pipe sewer of 8-in. to 16-in. dia. in various streets, including Arroyo Blvd., bet. Washington and Montana Sts., and portions of Dakota, Zanja, Hammond, Blake Sts., and Forest, Cypress, Winona and Pasadena Aves., and other streets in the northwest part of the city, involv. 86,000 lin. ft. or 16.3 mi. of sewer pipe, ranging in size from 8 to 16 inches; 3322 "Y" branches and 4-in. hse. sewers 269 manholes and 70 flush tanks.

ORANGE, Cal.—Election will be held at once to vote $55,000 bond issue to build 18-in. pipe line from Orange to join the Anaheim-Fullerton outfall on the line of the new sewer system. C. C. Bonebrake, City Eng.

LOS ANGELES, Cal.—Until 10 A. M., July 9th, bids will be rec. by the Bd. Pub. Wks. to const. Sections 11 to 14, inclusive, of the North Outfall Sewer. These sections vary from 5100 feet to 9800 feet in length, and the average depth will be from 16 feet to 22 feet. Alternate proposals will be rec. for the following types of construction: First, Brick Concrete Sewer; Second, Ferguson Segment Block Sewer and Third, Pre-cast Reinforced Concrete Pipe Sewer with Vitrified Lining. A cradle of concrete composed of 1:3:5 mix is to be laid for each of these three types.

Bids will also be rec. for furnishing the following materials: 26,000,000 brick, to pass compression test of 2000 pounds per square inch, and 16,000,000 brick to pass a four per cent absorption test; also approximately 37,000 linear feet of reinforced concrete pipe, with vitrified lining varying in size from 4 feet 9 inch to 7 feet 6 inch in accordance with plans on file in the office of the City Engineer, and for use in connection with Sections 10 to 14, inclusive, of the North Outfall Sewer.

Payment for all the above work to be done and materials to be furnished will be monthly, reserving the customary twenty-five (25) per cent deduction until the work or material has been accepted.

CALIFORNIA—No bids received June 14 for the purchase of the $5,000,000 block of state highway bonds, bearing 4½% interest. This is second time bids were asked.

REDDING, Shasta Co., Cal.—Warren Constr. Co., Bacon Bldg., Oakland, at approx. $90,000 awarded cont. by city trustees to imp. portions of Placer, Court, Oregon, Shasta, North, Trinity, California, Yuba and Center Sts.: Grade; const. conc. curbs and gutters; conc. walks, 5-ft. wide; conc. catchbasins with c. i. grates and vit. corru. part circle culverts and c. i. covers; pave all 18-ft. wide with 4-in. asph. conc. consisting of 2½-in. asph. conc. base with 1½-in. Warrenite-Bit. surface except Placer St., to be paved with 5-in. asph. conc. consisting of3½-in. asph. conc. base with 1½-in. Warrenite-Bit. surface.

LOS ANGELES, Cal.—W. D. McCray, 416 Amer. Bank Bldg., submitted low bid to Br. Pub. Wks. to imp. Dobinson St., bet. Lara St. and Wabash Ave., involv. grade at $3800 (lump sum); 2812 sq. ft. conc. at 40c ft.; 11,388 sq. ft. grade and oiling at 7c ft.; 959 ft. curb at 75c ft.; 4834 sq. ft. walk at 23c ft.; 1752 sq. ft. gutter at 30c ft.

Griffith Co., 502 L. A. Ry. Bldg., low bidder to imp. first alley w of Reno St., bet. Third and 626.41 ft. south, involving grade at $650 (lump sum); 8395 sq. ft. conc. paving at 25c ft.; story drain complete $250.

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WHITTIER, Cal.—Until 7:30 P. M., July 9, bids will be rec. by trustees to imp. under 1911 Act, following streets: Franklin St., bet. College Ave. and 330 ft. west: Grade and pave with 6-in. concr.; const. curb

Ocean View Lane, bet. Painter Ave. and east line of Ocean View Tract: Grade and pave with 6-in. conc.; const. curb. C. O. Trueblood, City Clk; Paul E. Todd, City Eng.

YUMA, Ariz. — County supervisors agree to pave First St., bet. Second Ave. and Gila St., with bitul. pavement on conc. base. Est. cost $12,000.

SAN FRANCISCO—Board of Public Works, W. J. Fitzgerald, secy, will sell at public auction, June 25, 11 a. m., in Room 251, City Hall, approx. 1000 tons of used asphalt at the Corporation Yard, 11th and Bryant Sts. Term of sale is cash. Bonds of $500 will be req. of successful bidder.

SANTA BARBARA, Cal. — Sam Hunter, Santa Barbara, awarded contr. by council to pave Sola St., bet. Bath and Castillo Sts., involv. 1½-in. asph. concr. wearing surface on 4-in. cem. concr. base at 24c sq. ft.; curb at 75c ft.; cem. gutter at 25c sq. ft.; re-setting stone curb at 30c ft.; sewer complete at $120; hse. connections, $35 each.

SAN JOSE, Santa Clara Co., Cal.—City Council, J. J. Lynch, Clerk, declares inten. to imp. 21st St., bet. Santa Clara and William: Grade; pave with 1½-in. Warrenite-Bit. surface with 3-in. bituminous conc. base; hyd. conc. gutters, curbs and walks. 1911 Act and Bond Act 1915. Protests July 9. Wm. Popp, City Eng.

FRESNO, Fresno Co., Cal.—City Council, R. Y. St. George, Clerk, declares inten. to const. 6-in. lateral sewers in alleys in Blocks 348, 376 and 387; const. 4 stand. cem. conc. manholes with c. i. covers; 3-in. on 6-in. wyes for each 25-ft. frontage. 1911 Act. Protests July 5. Wm. Stranahan, City Eng.

SAN JOSE, Santa Clara Co., Cal.—City Council, J. J. Lynch, Clerk, declares inten. to imp. Bird Ave., bet. San Carlos and Home St.: Grade; pave with 2-in. "Durite" asph. conc. surface on 3½-in. "Durite" asph. conc. base; hyd. conc. gutters and walks; 3 br. catchbasins; 8-in vit. pipe drains; 3 storm water inlets. 1911 Act and Bond Act 1915. Protests July 16. Wm. Popp, City Eng.

MONTEREY, Monterey Co., Cal.—City Council, A. J. Mason, Clerk, declares inten. to imp. portions of Pacific and Eldorado Sts.: Grade; pave with 3½-in. asph. conc. base with 1½-in. asph. conc. surface; conc. curb; gravel walks; 6-in. vit. sewer with 15 wye branches; 7 catchbasins with 10-in. culvert connections to existing storm sewers; rein. conc. retaining wall. 1911 Act and Bond Act 1915. Protests July 3. H. D. Severance, city eng.

FRESNO, Fresno Co., Cal.—City Council, R. Y. St. George, Clerk, declares inten. to imp. Thomas Ave. bet. Forthcamp and pt. 287 ft. west: Grade, const. conc. curbs, gutters and walks; pave 32 ft. wide with 3½-in. asph. conc. base with 1½-in. asph. conc. top course and liquid asph. and rock screenings coat; alley approaches to be paved with 6-in. Port. cem. conc. 1911 Act. Protests July 5. Wm. Stranahan, City Eng.

PASADENA, Cal.—Until 10 A. M., June 27, bids will be rec. by city directors to imp. Monte Vista St., bet. Hill and Hamilton Aves., with 2-in. oil macad.; grade and pave; const. curb, gutter, walk; 1911 Act. Bessie Chamberlain, City Clerk. W. C. Earle, City Engr.

COLTON, Cal.—Hall-Johnson Co., P. O. Box 51, Lynwood, awarded contr. at $111,563.36 to pave certain streets in Colton involving 505,724 sq. ft. Willite paving. Other bids were: Griffith Co., $113,100.37; H. G. Feraud, $121,204.40; Southwest Paving Co., $128,390.60.

BEAUMONT, Cal.—Southwest Paving Co., Washington Bldg., Los Angeles, awarded contr. to pave street through Beaumont, connecting ends of state highway. Contr. was let in two sections one under bond issue involv. 189,812 sq. ft. 5-in. Willite paving at $48,900 (lump sum) and the other under 1911 Act, involving 83,128 sq. ft. 5-in. Willite paving at $48,900 (lump sum) were: H. G. Feraud, $50,700 for bond work and 25.3c for 1911 Act work; W. A. Johnson, $52,000 for bond work and 26c for 1911 Act work.

Southwest Paving Co. was awarded contr. at $63,900 for paving section of county road adjacent to Beaumont, paving 2½-mi. 18 ft. wide, involving 241,200 sq. ft. 5-in. Willite. H. G. Feraud bid $63,900 and W. A. Johnson, $67,500.

SAN BRUNO, San Mateo Co., Cal.—Bates and Borland, Bank of Savings Bldg., Oakland, at approx. $245,000 awarded cont. by city trustees to imp. portions of Tucker, Linden, Poplar, Elm Acacia, Cypress and Hazel Aves., by const. conc. comb. conc. curbs and gutters; cem. conc. walks; grade and pave with waterbound macad. base with asphaltic oil and screenings surface; portions of Cedar, Maple, Cherry, Chestnut, Beach, Oak, Hazel, Cypress, Niles Aves., by grading and rolling; portions of Linden, Poplar, Elm, Acacia Aves. by const. rein. conc. bridges; portions of Cypress Ave. by const. rein. conc. storm water conduits; portions of Tucker, Linden, Poplar, Elm, Acacia, etc., by const. 10, 8 and 6-in. vit. sanitary sewers; br. manholes; 27, 24 and 21-in. vit. pipe storm sewers; br. storm water catchbasins; 4-in. vit. lateral sewers, etc.

SAN JOSE, Santa Clara Co., Cal. — County surv. ordered to prepare spec. to imp. Santa Clara-Los Gatos road from Rd. Dist. 4 to approx. 2600 ft. in town limits of Los Gatos. District attorney instructed to prepare ordinance providing for improvement of Fremont avenue under the Vrooman Act.

SAN JOSE, Santa Clara Co., Cal.—Until July 9, 11 a. m., bids will be rec. by Henry A. Pfister, county clerk, to imp. Mayfield Ave., or Mayfield and Searsville road in Supervisor Dist. 5; also to imp. Sierra Rd. in Sup. Dist. 3. Cert. check 10% payable to clerk req. Plans on file in office of clerk.

BERKELEY, Alameda Co., Cal.—Until June 29, 10 a. m., bids will be rec. by E. M. Hann, city clerk, to grade and const. catchbasins in Cedar St., bet. Third and First Sts. Cert. check 10% payable to city req. C. L. Huggins, city engineer.

OAKLAND, Cal.—City council, E. K. Sturgis, clerk, declares inten. to imp. 89th Ave., bet. B and E and D St., bet. 87th and 92nd Aves: grade; const. conc. curbs and gutters; oil macad. pavement; wooden culvert; corru. iron and conc. culverts. 1911 Act. Protests July 5. W. W. Harmon, city eng.

SANTA CLARA CO., Cal.—As previously reported, bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, until July 2, 2 p. m., to grade and surface with gravel, 4.5 mi. in Santa Clara county bet. Gilroy and San Felipe. Project involv. 40,000 cu. yds. roadway excav. with classification; 500 cu. yds. culvert excav. without classification; 9000 cu. yds. gravel surface; 45 cu. yds. class A Port. cem. conc (culverts and monuments); 1187 lin. ft. 18-in. and 67 lin. ft. 24-in. metal pipe; 95 monuments. Commission will furnish corru metal pipe. R. M. Morton, state highway eng.

YUBA CITY, Sutter Co., Cal.—Until July 3, 10 a. m., bids will be rec. by Albert B. Brown, county clerk, for following highway improvements:

1. Paving portion of Bunce Lateral, from end of present pavement to the Yuba City-Nicolaus Road, with rein. Port. cem. conc., approx. ½ mi in length
2. Paving portion of Barry Road, from near the Barry Church to ½ mi. west of Walton Ave., with Asphaltic macad., approx. 2 mi. in length.
3. Paving portion of O'Banion Corners Lateral, from O'Banion Corners south to Gilsizer Slough with asphaltic macadam, approx. 1 mi. in length.
4. Surfacing portion Long Bridge-Tarke Road, from Butte Slough levee to Tarke Ranch House, with asphaltic macadam, approx. ¼ mi. in length.
5. Resurfacing and patching the following asphaltic macadam highways or portions thereof:

Tahoe-Ukiah Live Oak-Pennington road, 5 mi; road, 2.0 miles; sanders Lateral, 1.3 miles; pease Lateral, 1.3 miles; Nuestro Lateral, 0.5 miles; Nuestro Terra Buena Road, 1.3 miles; Oswald Lateral 2.5 miles; O'Banon Corners Lateral, 2.0 miles; Nocolaus-Sacramento County Line Road, 1.0 miles; total, 16.5 miles.

Plans obtainable from County Rd. Commissioner O. W. Lanzendorf, on deposit of $10. **See call for bids under official proposal section in this issue.**

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SAUSALITO, Marin Co., Cal.—Until June 27, 8 p. m., bids will be rec. by W. Z. Tiffany, town clerk, to imp. various streets under res. of int. No. A-424, involv. 15,000 cu. yds.

15,000 cu. yds. of excav. without classification.

1625 cu. yds. of Portland cem. conc. in pavement.

104,500 sq. ft. Bit. macadam, type B, pavement.

28,500 sq. ft. Bit. macadam, Type A pavement.

561 cu. yds. reinforced concrete in walls and structures.

150 cu. yds. grouted rubble masonry retaining walls.

100 cu. yds. reconstructing & grouting rubble masonry retaining walls.

11,900 lin. ft. grouted rubble rock gutter and curbing.

2500 lin. ft. rubble rock gutter to be reconstructed and grouted.

300 lineal ft. 12-in. corru. iron pipe culverts.

16 conc. and brick catchbasins with cast iron gratings.

150 lin. ft. Portland cement concrete curb.

1500 lin. ft. 8-in. vit. clay sewer pipe.

1 conc. drop inlets.

1911 Act & Bond Act 1915. Cert. check 10% payable to town req. Howe and Peters, 24 California St., San Francisco, engineers.

LOS ANGELES, Cal.—Adam Layer, 509 Gresse Bldg., awarded cont. by Bd. Pub. Wks. at $13,280 to imp. Agate St., bet. 733.32 ft. n.e. of Montecito St. and Johnston Sts., involv. 23,772.38 sq. ft. rough grading to grade 19c ft.; 23,772.38 sq. ft. oil and roll 7c ft; 3389.05 ft. curb 75c ft.; 9097.73 sq. ft. cem. walk 24c ft.; 6782.42 sy. ft. conc. gutter 35c foot.

T. E. Shafer, 405 N Rampart Blvd., awarded cont. at $10,781 to imp. Mt. View Ave., bet. Court St. and First St., involv. grading at $2800 (lump sum); 200 sq. ft. conc. paving 32c ft.; 23,511 sq. ft. oil and roll 7c ft.; 2052 ft. curb 70c ft.; 10,161 sq. ft. walk 22c ft.; 6092 sq. ft. gutter 32c ft.; storm drain complete at $300.

T. E. Shafer, 405 N Rampart Blvd., awarded cont. at $1946.59 to imp. Kane St., bet. Rosemont Ave. and Waterloo St., involv. rough grading at $550 (lump sum); 8069 sq. ft. oiling and rolling 7c ft.; 600 ft. curb 70c ft.; 116 sq. ft. walk 22c ft.; 1207 sq. ft. gutter 32c ft.

C. W. Shafer, 222 W 33rd St., awarded cont. at $6211 to imp. Twining bet. Pueblo Ave. and 251.05 ft. s.w. of Castalla St., involv. grading at $1000 (lump sum); 13,365 sq. ft. conc. paving 24c ft.; 9583 sq. ft. oil and roll 7c ft.; 1905 ft. curb at 70c ft.

SAN JOSE, Santa Clara Co., Cal.—Until July 2, 8 P. M., bids will be rec. by J. J. Lynch, City Clerk, to imp. San Pedro St., bet. Fox Ave. and Ashbury St.: Grade; pave with 1½-in. Warrenite-Bit. surface on 3-in bituminous conc base; 5 br. catchbasins; 8-in. vit. pipe drains; 2 conc. storm water inlets, hyd. cem. conc. walks, driveways and headers. 1911 Act and Bond Act 1915. Cer. check 10% payable to city req. Wm. Popp, City Eng.

HUNTINGTON BEACH, Cal.—Geo. H. Oswald, Los Angeles, submitted low bid to city trustees at $253,000 (lump sum) to imp. Ocean Ave. through the city of Huntington Beach, to connect with the state highway, involv. 711,300 sq. ft. 4½-in. concr. base; 711,300 sq. ft. 1½-in. Warrenite-bitul. surface; 23,800 cu. yds. excav. for pavement; 1395 cu. yds. excav. for storm sewers; 470 lin. ft. half-round culvert and 875 lin. ft. 12-in. concr. culvert pipe; one manhole, 8 drop chambers, 7 catchbasins complete; 90 ornamental lamp posts. His bid on the work on 17th St. and Delaware Ave. involves 227 cu. yds. excav. at 50c yd.; 1575 tons black base patch at $8 ton; 204,256 sq. ft. resurfacing with 3-in. Warrenite-bitul. surface at 15c yd. Other bids were:

Warren Constr. Co.—$259,000, Ocean Ave. Other work: $3 excav.; $8.50 asph. concr.; 16.5c resurfacing.

W. H. Hanrahan—$259,000, Ocean Ave. Other work: $3 excav.; $8 asph. concr.; 17c resurfacing.

Geo. R. Curtis—$265,000, Ocean Ave. Other work: 50c excav.; $8 asph. con.; 17c resurfacing.

FRESNO, Fresno Co., Cal.—City Commission petitioned to grade, pave and sidewalk two blocks in Fresno Ave., bet. Belmont and Thomas Sts. Wm. Stranahan, City Eng.

LOS ANGELES, Cal.—Council declares inten. to imp. cordova St., bet. Vermont and Budlong Aves., and a portion of Budlong Ave.: Grade and pave with 1½-in. Warrenite-bitul. wearing surface on 3½-in. bitum. base; paving part with 5-in. cem. concr.; const. curb, gutter; Vrooman Act.

SAN FRANCISCO—Until July 11, 3 P. M., bids will be rec. by Bd. Pub. Wks. to imp. west side of Great Highway at Section D of the Ocean Beach Esplanade; est. cost, $9,500, to be financed from County Road Funds. Project involves: 22,255 sq. ft. asph conc. pavement consisting of 6-in. conc. base and 1½-in. asph. conc. surface; 306 lin. ft. conc. gutter; 282 lin. ft. roadway coping; 326 lin. ft 10-in. vit. pipe sewer; 2 br. catchbasins; 70 lin. ft. 2x8-in. r. w. headers; 1 sidewalk entrance and 1 team entrance. Plans obtainable from City Eng. Office, 3rd Floor, City Hall.

GLENDALE, Cal.—Until 7:00 o'clock P. M., June 28, bids will be rec. by City Clerk Van Wie for laying 16-in. and 12-in. water pipe in Monterey Rd. bet. Glendale Ave. and a point east of Adams St., and 4-in. pipe in Garfield Ave., bet. Central and Brand Blvd.; assessment act; city furnishes pipe.

SAN DIEGO, Cal.—Calif. Constr. Co., Union Bldg., awarded contr. at $30,000 to pave E street, bet. 16th and 25th Sts.

SAN ANSELMO, Marin Co., Cal.—No bids rec. by town trustees, A. W. Studley, Clerk, to imp. portions of Sequoia Dr.; const. conc. curb and gutter; rein. conc. retaining wall and iron pipe rail; conc. valleys and catchbasins with c. i. frames and gratings and vit. pipe outlets; conc. pipe culverts; grade and pave with asphaltic macadam of various thicknesses. 1915 Bond Act and 1911 Act.

STOCKTON, San Joaquin Co., Cal.—Blumenkranz and Vernon, Farmers and Merchants Bank Bldg., Stockton, awarded cont. by city council to imp. E-Hazelton, E-Scotts Aves., Laurel, Court and B Sts.; grade; const. comb. conc. curbs and gutters; conc. walks; pave with 4in. cementing gravel base with 2-in. asph. macadam surface.

SAN FRANCISCO—Board of Public Works, M. M. O'Shaughnessy, City Eng., completed spec. to sewer Teddy Ave., bet. Alpha St. and Rodeo Ave.; est. cost, $3,125. Project involv. 361 lin. ft. 15-in. and 403 lin ft. 8-in. vit. sewer; 2 br. manholes; 12 15-in. and 28 8-in. wye branches.

LOS ANGELES, Cal.—Until 10 A. M., July 2, bids will be rec. by Bd. Pub. Wks. to imp.:

Alley w. of Oxford, bet. Maplewood and Oakwood Aves., involv. 11,783 sq. ft. 5-in. concr. paving; 35 ft. curb; 39 sq. ft. gutter; 786 cu. yds. cut.

Alley w. of State St., bet. Third and Fourth Sts., involv. 11,730 sq. ft. 5-in. concr. paving; 76 sq. ft. 8-in. gutter; 103 cu yds. cut.

Reno St., bet. 283.15 ft. s. of First St. and a point 369.45 ft. s. of First St., involv. 431.5 ft. cem. walk, including grading.

Alley s. of Hollywood Blvd., bet. Van Ness and Bronson Aves., involv. 7157 sq. ft. 5-in. conc. paving; 177 cu. yds. cut.

Union Ave., bet. 283.10 ft and 323.10 ft. s. of Ocean View Ave., involv. 200 sq. ft. cem. walk

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LOS ANGELES, Cal.—Final plans to pave Vine St. bet. Melrose and Hollywood Blvd., will be presented to council within 60 days, according to Deputy City Engr True.

SAN PABLO, Contra Costa Co., Cal.—Until June 26, 8 P. M., bids will be rec. by R. V. March, Sect'y., San Pablo Sanitary District, to const. 6-in. vit. sewers in portions of 23rd St.; Willard Ave.; Alfreda Blvd.; 20th and California Sts., also brick and conc. manholes with c. i. covers; vit. wye branches. 1911 Act. Cert. check 10% payable dist req. Spec obtainable from Sect'y.

COMPTON, Cal.—The $25,000 sewer bond issue carried at the recent election.

PASADENA, Cal. — Frederickson & Shannon, 325 Cory Bldg., Fresno, submitted low bid to city directors at $137,407.09 to const. vit. pipe sewer of 8-in. to 16-in. dia. in various streets, including Arroyo Blvd., Dakota, Zanja, Hammond, Blake Sts., and Forest, Cypress, Winona and Pasadena Aves., etc., involv. 86,000 lin. ft. or 16.3 mi. of sewer pipe, ranging in size from 8 to 16 inches; 3322 "Y" branches and 4-in. hse. sewers, 299 manholes and 70 flush tanks. The low bid is 20% under the estimate of the city engr., W. C. Earle, who recommended that the contract be awarded. In order to safeguard the water supply, 1218 ft. of the sewer pipe passing over water tunnels near Devil's Gate Dam will be laid in concrete. Other bids were: Leo Miletich $160,810.02; R. H. Downer, $162,000; Nick Bebek, $163,500; M. M. Budincich, $167,000; George W. Kemper, $218,000.

YUBA CITY, Sutter Co., Cal.—Until June 30, 10 a. m., bids will be rec. by Joint Highway District No. 3, State of California, (in Sacramento and Sutter Counties), to construct highway. Chas. W. Deterding, Jr., Eng., Courthouse, Sacramento. Bids will be opened in the office of the Board of Directors at Yuba City Project involves:

(1) 35,908 cu. yds. class A conc. (Portland cem. conc. pavement).
(2) 14,331 cu. yds. earth fill to be hauled 2½ miles.
(3) 10,972 cu. yds. excav. (Tudor Section)
(4) 25,630 cu. yds. excav. (Verona & Elk Horn Section).
(5) 496 lin. ft. 8-in. corru. metal pipe
(6) 448 lin. ft. 10-in. corr. metal pipe
(7) 298 lin. ft. 12-in. corr. metal pipe
(8) 136 lin. ft. 18-in. corr. metal pipe
(9) 180 lin. ft. 20-in. corr. metal pipe
(10) 100 lin. ft. 42-in. corr. metal pipe.
(11) 196 cu. yds. class B Port. cem. conc. for head walls.
(12) 600 lin. ft. railing.

Alternative Items

(13) 34,198 cu. yds. asphalt conc. pavement.
(14) 34,198 cu. yds. Warrenite-Bitulithic pavement.
(15) 34,198 cu. yds. Willite Plastic composition pavement.

NOTE—Alternative items 13, 14 and 15 are to be considered as alternative for item No. 1, and may be employed in lieu thereof if the Board of Directors so elect.

See call for bids under official proposal section in this issue.

HANFORD, Kings Co., Cal. — City council, D. C. Williams, clerk, declares inten. to imp. 11th St., bet. Douty and Harris and bet. Harris and Brown Sts.: pave with 4-in. bituminous base with 1½-in. Warrenite-Bit. Surface; const. cement curbs 1911 Act. Protests July 2. Leo Duffield, city eng.

REDDING, Shasta Co., Cal.—Until July 2, 8 p. m., bids will be rec. by Leslie Engram, city clerk, to imp. Market St., bet. Trinity and North Market St., (Riverside Drive) and portions of north Market St.; grade, const. conc. curbs and gutters; conc. walks; conc. catchbasins; install vit. pipe and pave with 5-in. asph. conc. consisting of 3½-in. asph. conc. base with 1½-in. Warrenite Bit. surface. 1911 Act and Bond Act 1915.

Cert check 10% payable to city req. Plans obtainable from city mgr. E. A. Rollison.

LOS ANGELES, Cal.—Pacific Clay Products, Inc., 600 Amer. Bank Bldg., awarded contr. by public service comm. for fur. vit. sewer pipe as follows: 1000 ft. 30-in. D. S. pipe at $3.45 ft.; 500 ft. 24-in. S. S. at $1.725 ft.; 500 ft. 20-in. S. S. at $1.15 ft.; 500 ft. 16-in. S. S. pipe at .805 ft.; 500 ft. 14-in. S S at .6325 ft.; 500 ft. 12-in. at .5175 ft.; 500 ft. 16-in S S at .4025 ft.; 500 ft. 4-in. S S at .15 ft.; S 24x4 tees at $7.76 ea.; S 20x4 tees at $5.18 ea.; 8 16x4 tees at $3.60 ea.; 8 14x4 tees at $2.81 ea; 8 12x4 tees at $2.31; 8 10x4 tees at $1.81 ea. All f. o. b. Stone Canyon reservoir. Immediate delivery on 4, 10, 12, 14, 16 and 20-in. pipe and fittings; 24-in. and 30-in pipe in 35 to 75 days; less 2% 10th prox.

SAN JOSE, Santa Clara Co., Cal.—County surv. instructed to prepare plans for bulkhead on Quito road in Supervisor District No. 5.

OAKLAND, Cal.—Until June 28, 12 m. bids will be rec. by E. K. Sturgis, city clerk, to imp. portions of Woodruff Ave.: const. conc. culverts; vit. pipe conduits; 2 br. and conc. manholes with c. i. tops; 6 br. manholes with c. i. tops; 5 br. storm water inlets. 1911 Act. Cert. check 10% payable to city req. W. W. Harmon, city engineer.

GRASS VALLEY, Nevada Co., Cal.—City votes bonds of $100,000 to finance street paving program. Issue carried by vote of 9 to 1.

SANTA MONICA, Cal.—Southern Construction Co., 511 Kerckhoff Bldg., Los Angeles, awarded cont. by council at $33,224.05 to imp. Kensington Rd., bet. 8th St. and Beverly Ave., 7th St., bet. Kensington Rd. and Central Ave., etc., involv. 157,541 sq. ft. grading 6.9c sq. ft.; 109,467 sq. ft. oil and rock pavement 6.4c ft.; 33,283 sq. ft. walk 21c ft.; 2200 ft. A curb 65c ft.; 3688 ft. B curb 55c ft.; 2883 ft. 6-in. pipe sewer, $4850 complete; 20 ft. hse. sewers $2 ft.; bringing manholes to grade $5 each.

Kneen Paving Co., Dudley Block, Santa Monica, awarded contr. at $17,616.94 to imp. alley through block K, The Palisades, bet. San Vicente Blvd. and Georgina Ave., grade and pave with 1½-in. Warrenite-bitul. surface on 2½-in. asph. conc. base; const. 6-in. vit. pipe hse. sewers; manholes and flush tank.

Kneen Paving Co. awarded contr. at $7176 to imp. Hill St., bet. 8th and 11th Sts., grade and pave with oil and rock; const. 5-ft. cem. walks; 12-in. vit. pipe storm drain.

NAPA, Napa Co., Cal.—Until July 2, 10 a. m., bids will be rec. by Jas. A. Daly, county clerk, to const. conc. sidewalks from Veterans' Hohe crossing to S. P. Station at Yountville. Cert. check 10% payable to Chairman of Bd. of Supervisors req. Edw. P. Ball, county surveyor.

STOCKTON, San Joaquin Co., Cal.—Clark and Henery Const. Co., 38 S Sutter St., Stockton, awarded cont. by council to imp. Harrison St., bet. Washington and Main; grade; const. comb. conc. curbs and gutters; conc. walks; pave with 2½-in. cem. gravel base with 3-in. asph. conc. base and 2-in. asph. conc. wearing surface.

MARYSVILLE, Yuba Co., Cal.—City Mgr. J. O. Wanzer, preparing estimates of cost to pave streets which will include: F, 12th to 14th; D, 9th to 14th; G, 8th to 14th; H, 11th to 12th; 10th, F to H; 11th, D to H; 12th, D to H; 13th, D to E; E, 12th to 14th; 14th, B to H; Willow, 3rd to 8th; High, 4th to 8th; Oak, 5th to 7th; Elm, 6th to 7th.

OLYMPIA, Wash.—Until July 10, 10 a. m., bids will be rec. by State Highway Commission, for following projects

1. Const. two rein. conc. bridges over Hama-Hama River on Olympic Highway in Sec. 27, Mason County.
2. Clear, grade, drain and surface with crushed gravel 6.9 mi. of Chelan and Okanogan highway bet. Riverside and Omak in Okanogan County, Federal Aid project No. 116.
3. Surface with crushed rock 6.3 mi. of Inland Empire Highway bet. Pomona and Selah in Yakima County, Wash.
4. Const. embankment approach to Raymond Bridge on Ocean Beach Highway in Raymond, Pacific County, length of approach 0.3 mi.
5. Const. steel bridge across Yakima River on Inland Empire Highway in Sec. 5, in Benton County.
6. Fur. approx. 5000 cu. yds. crushed rock in bunkers at the quarry site located near Inland Empire Highway near Inland Highway, Benton County.

MANHATTAN BEACH, Cal.—Until 8 p. m., June 21, bids will be rec. by city trustees to imp. Ocean Dr., bet. 27th St. and Rosecrans Ave., etc., grade and pave with cem. conc.; const. class A curb, 7.5 ft. walks, 8 10-in. outlets; 4-in. cast iron pipe; 1911 Act. Llewellyn Price, city clerk.

CHICO, Butte Co., Cal.—Until July 3, 5 p. m., bids will be rec. by Chas. H. Camper, clerk, Board of Education, to pave; const. curbs, gutters and walks fronting high school in Sacramento ave and The Esplanade. Cert. check 10% payable to President of Chico High School District req. Plans obtainable from clerk in the Municipal Bldg., Chico.

NAPA, Napa Co., Cal.—Until June 27, 10 a. m., bids will be rec. by Jas. A. Daly, county clerk, to imp. portion of Coombsville rd. for distance of approx 2.4 mi. from east city limits of Napa on Third St., to Frisbie Ranch. Cert. check 10% payable to Chairman of Bd. of Sups. req. Edw. P. Ball, county surv.

MONROVIA, Cal.—Until 7:30 p. m., June 29, bids will be rec. by city trustees to imp. Encinitas Ave., bet. Hillcrest Blvd and 250 ft. north of Greystone Ave., grade and oil; const. curb, conc. gutter; 1911 Act. Lewis P. Black, city clerk.

PORTERVILLE, Tulare Co., Cal. — Preliminary surveys for a road between Camp Nelson and Carroll Creek, near Lone Pine, a distance of 72 miles, have been prepared and submitted to the Porterville Chamber of Commerce. The road, with a grade not exceeding 8%, will cost approx. $140,000.

SAN BERNARDINO, Cal. — Council declares inten. to sewer the following streets:

Harris St., bet. 7th St. and 140 ft s. of 8th St.,(involv. 8-in. vit. pipe sewers, flush tanks, 16 4-in. connecting sewers.

Sixth St., bet. A St. and 140.23 ft. east of B St. involv. flush tank and 16 4-in. connecting sewers.

J. H. Osborn, city clk. C. E. Johnson, city engineer.

SAN BERNARDINO, Cal.—Until 7:30 p. m., July 2, bids will be rec. by city trustees to imp. B St., bet. 3rd and 4th: with 4-in. cem. conc.; const. 5-ft. walks, conc. curbs; 1911 Act. J. H. Osborn, city clerk.

CHICO, Butte Co., Cal.—T. H. Polk, 511 2nd St., Chico, awarded cont. by city trustees to imp. portions of the Esplanade, involv. 217 ft. straight culverts, $3 lin. ft.; 223 lin. ft. angle culverts, $3.50 lin. ft.; 4 br. catchbasins, $55 each; 4 conc. catchbasins, $35 each; 570 lin. ft. 8-in. street culvert, $1.50 lin. ft

LOS ANGELES, Cal.—Geo. R. Curtis 2440 E 26th St., submitted low bid to Bd. Pub. Wks. to imp. Ridgewood Pl., bet. Santa Monica Blvd. and Lemon Grove Ave., involv. grading at $1709 (lump sum); 35,390 sq. ft. Warrenite-blt. paving at 26c ft.; 2523 ft. curb at 75c ft.; 1072 sq. ft. walk at 25c ft.; 2531 sq ft. gutter at 30c ft.

Geo. R. Curtis low bidder to imp. Wilton Pl., bet. Santa Monica Blvd. and Clinton St., involv. grading at $4800 (lump sum); 104,481 sq. ft. asph. paving at 24c ft.; 1594 sq. ft. oiling and rolling at 8c ft.; 516 ft. curb at 75c ft.; 2350 sq. ft. walk at 25c ft.; 5952 sq. ft. conc. gutter at 29c ft.; 210 ft. hse. sewers at $1.75 ft.

SAN FRANCISCO—Until July 11, 3 p. m., blds will be rec. by Bd. Pub. Works to imp. 24th Ave., bet. Irving and Judah sts., involv. 1200 lin. ft. conc. curb; 24,000 sq. ft. asph. conc. pavement.

Separate bids, same date, to imp. Paris St., bet. Amazon and Italy, involv. 800 lin. ft. conc. curb; 6000 sq. ft. asph. conc. and 10,000 sq. ft. conc. pavement. Plans obtainable from city engineer's office, 3rd floor city hall.

SACRAMENTO, Cal.—Until July 5 9 p. m., bids will be rec. by H. G. Denton, city clerk, for following street improvements:

S St., bet. 31st and 34th; const. conc. curb and gutter; place c. i. gutter drains with 6-in. vit. manhole connections; const. conc. manholes and reconst. present manholes; const. conc. walks; reset gutter drains; grade and pave with 4-in. asph. conc. 32nd St., from sewer in alley bet S St. and Serra Way to pt. 10 ft. north of S St.; const. vit. sewer and conc. manhole. 1911 Act and Bond Act 1915.

Freeport Blvd. from manhole 158.8 ft. s of Bidwell Way to pt. 4168 ft. s; const. vit. sewer; conc. manholes with c. i. covers; place c. i. gutter drains with 6-in. vit. manhole connections; place 6-in. vit. wye branches. 1911 Act & Bond Act 1915.

Alley bet. H and I, 16th and 17th Sts; alley bet. Y and 1st Ave. and 32nd and 33rd Sts. and alley bet. Y and 1st Ave., 33rd and 34th Sts.: const. new and reconst. present catchbasins with 6-in. vit. sewer connections; reconst. manholes; const. conc. curtain walls; extend sewer services to prop. line; 1-in. water main connections; grade; pave with 5-in. hyd. conc.

Cert. check 10% payable to city req. Albert Givan, city eng.

SACRAMENTO, Cal. — McGillivray Construction Co., Capitol Natl. Bank Bldg., Sacramento, awarded cont. by city council to imp. Sacramento Blvd., bet. 8th Ave. and pt. 22 ft. s 14th Ave., const. conc. curbs, gutters; c. i. gutter drains with 6-in. vit. sewer connections; const. 8-in. vit. sewer; install water services; const. and reconst. conc. manholes; const. 6-in. vit. sewer services to property line; grade; 5½-in. asph. conc. pavement.

McGillivray Const. Co., awarded cont. to imp. I St., bet. 39th and pt. 467.8 ft. east; const. conc. crb and gutter; 1-in. water main connections; grade; pave with 4-in. asph. conc. with seal coat.

Thos. Byrne, 2512 N St., Sacramento, awarded cont. to imp. Alley bet. 3rd and 4th Aves., 33rd and 34th Sts.; alley bet. T & U, 5th and 6th Sts. and alley bet. O and P, 10th and 11th Sts.; const. conc. catchbasins with 6-in. vit. sewer connections; extend sewer services to property line; reconst. manholes; c. i. gutter drains with 6-in. vit. sewer connections; const. conc. curtain wall; install 1-in. water main connections; grade; 5-in. hyd. conc. pavement.

SAN LEANDRO, Alameda Co., Cal.—Jos. Costello at $2.25 for rock and $2.25 for screenings awarded cont. by city trustees to furnish such materials for the fiscal year.

Contractors Machine Works

We Specialize in rebuilding and repairing contractors' equipment.

We build rock bunkers, elevators and conveyors, portable pumping plants, hoist and rock crushers.

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Contracts Awarded Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

$1,000 and Over Reported

The following is an index for the contracts for this issue.

No.	Owner	Contractor	Amt
2408	San Francisco	Henderson	1800
2409	Fleishhacker	Thulin	4000
2410	Tobin	Kelly	4980
2411	Kalleg	Gott	9800
2412	Gunnison	Owner	16000
2413	Schoenfeld	Owner	6000
2414	McIntosh	McCarthy	1000
2415	Herrington	Owner	6000
2416	Puckett	Hogrefe	35000
2417	Hardiman	Owner	7000
2418	Monson	Owner	4000
2419	Rives	Bose	4000
2420	Fitzhugh	Pacific	104400
2421	Drane	Wiander	9300
2422	Kraul	Cuneo	6300
2423	Lang	Owner	6000
2424	Weber	Wilson	6000
2425	Waybur	Donovan	1000
2426	Barley	Wilson	4000
2427	Emporium	Owner	1000
2428	Pacific	Brady	52000
2429	Union	Owner	2000
2430	Same	Same	2500
2431	Paglettini	Pasqualetti	4500
2432	Tubbs	Barrett	4000
2433	McCarthy	Arnott	4000
2434	Mergenthaler	McGowan	8100
2435	Price	Moller	5000
2436	Urfer	Owner	2900
2437	Nardini	Morton	36200
2438	Stone	Bessett	14437
2439	Henning	Bernhardt	2000
2440	Rissman	Bernhardt	6000
2441	Duerner	Owner	3000
2442	Cramording	Owner	5000
2443	Collupy	Gilmour	1430
2444	Levin	Owner	3500
2445	Olsen	Stangerud	1200
2446	Jorgensen	Owner	3500
2447	Jorgensen	Owner	3000
2448	Golden State	Owner	1975
2449	O'Neil	Owner	15000
2450	Lees	Hurlbert	14000
2451	Gilmour	Wagner	18000
2452	Rueter	Owner	20000
2453	Williams	Owner	20000
2454	West Coast Mch.	Botman	9039
2455	Rissman	Bernhardt	6800
2456	Manseau	Owner	9000
2457	Johnson	Owner	8000
2458	Union	Owner	2000
2459	Anderson	Owner	8000
2460	Wobbers	Keystone	1100
2461	Houweling	Owner	4800
2462	Manseau	Owner	9000
2463	Lacey	Owner	40000
2464	Morse	Lindeman	10000
2465	Morse	Lindeman	10000
2466	Sugarman	Murphy	3000
2467	Mulcaby	Kiernan	1500
2468	Behrend	Lindeman	5620
2469	Clinch	Buschke	17850
2470	Federal	Western	12800
2471	Schmendell	Norman	4900
2472	Arnott	Owner	2800
2473	Same	Same	2800
2474	Same	Same	2800
2475	Nelson	Owner	4000
2476	Nelson	Owner	12000
2477	McCarthy	Arnott	2800
2478	Behrend	Lindeman	4500
2479	Nelson	Owner	6000
2480	Arnott	Owner	2800
2481	Wesendunk	Owner	6000
2482	McCarthy	Arnott	2800
2483	Nelson	Owner	3000
2484	Royal	Brumfield	1900
2485	Wurlitzer	Greene	2900
2486	Adams	Owner	5500
2487	Binet	Owner	4800
2488	S P Co.	Eaton	——
2489	Patigian	Taylor	8430
2490	Weissbein	Meyer	4700
2491	Clinton	Shrader	8678
2492	Same	Martinelli	16140

ALTERATIONS
(2408) NE SIXTEENTH AND ALABAMA. Remodel one-story building and sheds, install doors and sidewalls, etc.
Owner—San Francisco Society for the Prevention of Cruelty to Animals, Premises.
Engineer—C. Heller, 57 Post St., San Francisco.
Contractor—W. D. Henderson, Monadnock Bldg., San Francisco. $1800

ALTERATIONS
(2409) S MARKET 125 W Brady. Alterations and repairs for stores.
Owner—Mortimer Fleishhacker, Market and Sansome Sts., S. F.
Architect—Joseph L. Stewart, 703 Market St., San Francisco.
Contractor—A. L. Thulin, 180 Jessie St., San Francisco. $4000

DWELLING
(2410) E SHRADER 30 S Carmel. One-story and basement frame dwelling.
Owner—Thomas L. Tobin, 316 Willard St., San Francisco.
Architect—None.
Contractor—R. H. Kelly, 57 Grattan St., San Francisco. $4980

FRAME FLATS
(2411) N SIXTEENTH 120 E Sanchez. Two-story and basement frame (2) flats.
Owner—Frank Kalleg.
Designer—Willis L. Gott, 683 3rd Ave., San Francisco.
Contractor — Willis L. Gott, 683 3rd Ave., San Francisco. $9800

APARTMENTS
(2412) W BRODERICK 50 S Ellis. Two-story and basement frame (4) apartments.
Owner—Grace F. and Wm. F. Gunnison 1666 Golden Gate Ave., S. F.
Architect—Wm. F. Gunnison, 57 Post St., San Francisco.
Contractor—Not Yet Determined. $16,000

SHOP
(2413) SW FAIRFAX 400 NW Mendell One-story heavy mill construction cabinet shop.
Owner — Mrs. A. Schoenfeld, 811 26th Ave., San Francisco.
Plans by Owner. $6000

ALTERATIONS
(2414) NO. 1301 TWELFTH AVE. Remove shingles and place composition roofing on dwelling; cement plaster exterior.
Owner—A. H. McIntosh, Premises.
Plans by Owner.
Contractor — John E. McCarthy, 1479 12th Ave., San Francisco. $1000

DWELLINGS
(2415) W TWENTIETH AVE 375, 400 and 425 S Moraga. Three one-story and basement frame dwlgs.
Owner—Bud Herrington, 495 Rolph St., San Francisco.
Architect—None. $2000 each

APARTMENTS
(2416) SE GREENWICH AND VAN Ness Ave. Three-story and basement frame (6) apartments.
Owner—G. R. Puckett, 1554 Sacramento St., San Francisco.

STOCKHOLDERS AUXILIARY CORP.

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PHONE DOUGLAS 6000
550 MONTGOMERY ST.

Architect—Edward E. Young, 2002 California St., San Francisco.
Contractor—Herman Hogrefe & Son, 625 Powell St., S. F. $35,000

FLATS
(2417) N GEARY 80-11 W 25th Ave. 2-story and basement frame (2) flats and store.
Owner—Michael Hardiman, 423 38th Ave., San Francisco.
Architect—None. $7000

DWELLING
(2418) NW FIFTH AVENUE AND Kirkham. 2-story and basement frame dwelling.
Owner—Chas. Monson, 1899 Bryant St., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. $4000

DWELLING
(2419) N GOUGH 125 S Chestnut. 1-story & basement frame dwelling.
Owner—L. V. Rives, 3125 Buchanan St., San Francisco.
Architect—H. C. Bauman, 251 Kearny St., San Francisco.
Contractor—Carl J. Bose, 425 Brazil Av. San Francisco. $4000

OFFICE BLDG.
(2420) NE POWELL AND POST N 137-6xE 162-9. Rough and finish carpentry and mill work for ten-story and basement Class A office building.
Owner—Wm. M. and Mary E. Fitzhugh.
Architect—Reid Bros., 105 Montgomery St., San Francisco.
Contractor—Pacific Manufacturing Co., 177 Stevenson St., Son Francisco.
Filed June 14, '23. Dated June 13, '23.
On 10th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $104,400
Bond, $54,465. Surety, American Indemnity Co. Limit, as required. Forfeit, none. Plans and specifications filed.

FLATS
(2421) S JERSEY 130 E Diamond E 30x 114 All work for 2-story frame dwelling (2 flats).
Owner—Geo. W. Drane, Clipper St., San Francisco.
Architect—None.
Contractor — Emil Wiander, 41 Coleridge St., San Francisco.
Filed June 14, 1923. Dated June —, 1923
Frame up $2325
Rough plumbing in and brown coated 2325
Completed and accepted 2325
Usual 35 days 2325
TOTAL COST, $9300
Bond, Sureties, Forfeit, none; Limit, 90 days; Plans and specifications, none.

COTTAGE
(2422) N FOURTEENTH 150 W Valencia W 25 x 105. All work except shades and fixtures for 1-story frame cottage.
Owner—F. O. Kraul, 244 Dolores St., San Francisco.
Architect—None.
Contractor—Joseph L. Cunco, 354 Dolores St., San Francisco.
Filed June 14, 1923. Dated June 13, 1923.
Frame up and roof on.....$1575
Brown coated 1575
Completed and accepted..... 1575
Usual 35 days 1575
TOTAL COST, $6300
Bond, Sureties, Forfeit, none; Limit, 90 days; Plans and specifications filed.

DWELLING
(2423) N ALTON AV. 50 W Castenada 2-story and basement frame dwlg.
Owner—Lang Realty Co., 219 First Natl Bank Bldg., San Francisco.
Architect—H. Stoner, 219 First Natl. Bank Bldg., San Francisco. $6000

FLATS
(2424 E ARUELLO BLVD. 76-6 S Golden Gate Ave. 2-story and basement frame (2) flats.
Owner—Fred Weber, 15 Danvers St., San Francisco.
Architect—Chas F Strothoff, 2271 15th St., San Francisco.
Contractor—Wilson & Benson, 336 Ashton Ave., S. F. $6000

ALTERATIONS
(2425) 1705 FRANKLIN ST. Remove shingle roof and replace with tar and gravel; construct concrete steps; overhaul plumbing; general repairs.
Owner—Mrs. M. P. Waybur, 1700 Claus Spreckels Bldg., S. F.
Architect—None.
Contractor—T. J. Donovan, 1477 6th Av. San Francisco. $1000

DWELLING
(2426) W WESTWOOD 50 N Wildwood 1-story and basement frame dwlg.
Owner—Mr. and Mrs. Barley.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.
Contractor—Wilson & Benson, 336 Ashton Ave., S. F. $4000

SHED
(2427) S JESSIE 240 E Fifth. Erect shed and lay out space for parking purposes.
Owner—The Emporium, 835 Market St., San Francisco.
Architect—None. $1000

LOFTS
(2428) S HOWARD bet. 1st and 2nd Sts. 2-story and basement concrete lofts.
Owner—Pacific Gear and Tool Works, care architect.
Architect—D. C. Coleman, 1171 Market St., San Francisco.
Contractor—Matt N. Brady, Monadnock Bldg., San Francisco. $52,000

STATION
(2429) SW PACIFIC AND TAYLOR. One-story steel auto supply station
Owner — Union Oil Co. of California, 247 Mills Bldg., San Francisco.
Plans by Owner. $2000

STATION
(2430) SW ELEVENTH AND HOWARD One-story steel auto supply station, comfort station and storeroom.
Owner — Union Oil Co. of California, 247 Mills Bldg., San Francisco.
Plans by Owner. $2500

ADDITION
(2431) NO. 4519 MISSION. Addition of five room flat to present building
Owner—N. Paglicttini, Premises.
Architect—None.
Contractor—G. B. Pasqualetti, 2330 Larkin St., San Francisco. $4500

FACTORY
(2432) E IOWA bet. 22nd and 23rd. Two-story concrete factory.
Owner—Tubbs Cordage Co., Kohl Bldg. San Francisco.
Engineer—H. H. Harphon, 22nd and Iowa Sts., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco. $4000

BUNGALOW
(2433) SE FLOOD AVE AND EDNA S 25xE 100 Lot 1 Blk 29, Sunnyside. All work for five-room bungalow.
Owner—The McCarthy Co., 316 Bush St., San Francisco.
Plans by Contractor.
Contractor—James Arnolt & Son, 235 Granville Way, San Francisco.
Filed June 15, '23. Dated May 21, '23.
30 days after frame up..... 25%
30 days after plaster on..... 25%
30 days after comp. & accp... 25%
Usual 35 days 25%
TOTAL COST, $4000
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

BRICK WORK, ETC.
(2434) N SACRAMENTO 130-6 W Montgomery N 119-6 W 22-11½ S 59-8 E 5 in. S 59-10 E 22-6¾. Common and pressed brick, terra cotta tile and ornamental terra cotta, cutting new openings, etc., for three-story and basement Class A building.
Owner—Mergenthaler Linotype Co.
Architect—A. A. Cantin, 68 Post St., San Francisco.
Contractor—M. B. McGowan, 180 Jessie St., San Francisco.
Filed June 15, '23 Dated June 12, '23.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $8100
Bond, $4050. Sureties, L. B. Sibley and D. J. Sullivan. Limit, 20 days. Forfeit, $18. Plans and specifications filed.

SHOP
(2435) NW NATOMA AND TENTH Two-story reinforced concrete shop
Owner—M. J. Price, 630 20th Ave., San Francisco.
Architect—Dodge A. Riedy, 850 Pacific Bldg., San Francisco.
Contractor—Fred Moller, 180 Jessie St., San Francisco. $5000

DWELLING
(2436) S CLEMENTINA 100 E Ninth. One-story and basement frame dwelling.
Owner—Edward Urfer, 323 Tehama St., San Francisco.
Architect—Richard R. Irvine. $2900

BUILDING
(2437) NE OCTAVIA AND VALLEJO E 50xN 137-6. All work for two-story and basement frame building
Owner—A. Nardini, 460 Montgomery St., San Francisco.
Architect—John H. Powers and John H. Ahnden, 460 Montgomery St., S. F.
Contractor—John Morton Co., 318 Balboa Bldg., San Francisco.
Filed June 16, '23. Dated June 8, '23.
Ceiling joists and roof rafters on $4525
Building sheathed & roof boards on 4525
Plumbing roughed in and 1st coat plaster on..... 9050
Completed and accepted..... 9050
36 days..... 9050
TOTAL COST, $36,200
Bond, $18,100. Surety, New Amsterdam Casualty Co. Limit, 130 days after June 12, 1923. Forfeit, none. Plans and specifications filed.

FRAME BLDG.
(2438) N FULTON 90 E Funston Ave E 52-6 N 19 E 27-6 N 27-6 W 120 S 37-6. All work for two-story frame building.
Owner—Bertram Stone, Flood Bldg., San Francisco.
Architect—Alfred Kuhn and Thos. M. Edwards, 833 Market St., S. F.
Contractor—C. H. Bessett Building Co., Mills Bldg., San Francisco.
Filed June 16, '23. Dated June 12, '23.
Frame up and sheathing on....$3609
Brown coated 3609
Completed and accepted..... 3609
Usual 35 days..... 3610
TOTAL COST, $44,437
Bond, $7220. Surety, American Surety Co. Limit, 100 days. Forfeit, $5. Plans and specifications filed.

REMODEL
(2439) SW ELEVENTH AVENUE & Cabrillo. Remodel show windows; construct extension to mezzanine floor.
Owner—E. F. Henning, premises.
Architect—Ward and Blohme, 454 California St., S. F.
Contractor—H. B. Bernhardt, 582 Grove St., San Francisco. $2000

DWELLING
(2440) FANON AVE. NEAR MONTEREY Blvd. Lot 15 Blk 3107 Westwood Park. 1-story and basement frame dwelling.
Owner—Gustave Rissman, 1138 Treat Ave., San Francisco.
Architect—None.
Contractor — Bernhardt & Rydor, 582 Grove St., S. F. $6000

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DWELLING
(2441 E MIRAMAR 175 S Holloway. 1-story and basement frame dwlg.
Owner—Mrs. C. Duerner, 155 Eureka Ct., San Francisco.
Architect—None. $3000

DWELLING
(2442) N DeMONTFORD 75 W Capitol. 2-story and basement frame dwlg.
Owner—H. Cramording, 356 Sanchez St. San Francisco.
Architect—None. $5000

ALTERATION
(2443) SW THIRD AND TEHAMA STS Cement plaster front of hotel.
Owner—C. R. Collupy, care Mercantile Trust Co., S. F.
Architect—None.
Contractor—Wm. G. Gilmour, 180 Jessie St., San Francisco. $1430

ALTERATION
(2444) N UNION 62-6 E Webster. Rearrange partitions in flat for 2 3-room apartments and one 2-rm. apartment.
Owner—S. Levin, 251 Kearny St., S. F.
Architect—Baumann & Jose, 251 Kearny St., San Francisco. $3500

REMODEL
(2445) 2 MISSION ST. Remodel for restaurant; tile work; rearrange partitions.
Owner—O. B. Olsen, 4 Mission St., S. F.
Architect—None.
Contractor—A. Staugerud, 2745 16th St. San Francisco. $1200

WAREHOUSE
(2446) N BRYANT 215 W 2nd. 1-story class C concrete warehouse.
Owner—Carl Jorgenson, care architects.
Architect—H. C. Baumann & Edw. Jose 251 Kearny St., S. F. $3500

WAREHOUSE
(2447) N BRYANT 324-6 2nd. 1-story class C concrete warehouse
Owner—Carl Jergensen, care architects
Architect—H C. Baumann & Edw. Jose 251 Kearny St., S. F. $3000

ELEVATOR
(2448) 2930 OCTAVIA ST. Remove present and install new elevator.
Owner — Golden State Macaroni Co., 2930 Octavia St., S. F.
Architect—None. $1975

APARTMENTS
(2449) W CHURCH 89 S Duncan. 3-story and basement frame (6) apts.
Owner—Mr. and Mrs. E. O'Neill, care architect.
Architect—Evans & Co., 359 Pacific Bldg., San Francisco. $15,000

THEATRE
(2450) N HOWARD 297 W Third. 1-sto concrete motion picture theatre & stores.
Owner—Milton Lees, 524 Montgomery St., San Francisco.
Architect—Morrow and Garren, Chronicle Bldg., San Francisco.
Contractor—W. G. Hurlbert, 1373 Minna St., San Francisco. $14,000

WAREHOUSE
(2451) S BRYANT 275 W 5th. 2-story and basement class C concrete warehouse.
Owner—Wm. G. Gilmour, 180 Jessie St. San Francisco.
Architect—None.
Contractor—George Wagner, 251 Kearny St., San Francisco. $18,000

APTS. & STORES
(2452) S GEARY 105 W 14th Ave. 3-story and basement frame (8) apts. and stores.
Owner—Geo. F. Rueter, 5025 Geary St., San Francisco.
Architect—None. $20,000

FACTORY
(2453) S TWENTY-FIFTH Bet. Potrero Ave. and Utah. 2-story class C concrete factory.
Owner—William Bros. Aircraft Corporation, 124 Van Ness Ave., S. F.
Architect—R. R. Irvine, 736 New Call Bldg., S. F. $20,000

BUILDING
(2454) NE SEVENTEENTH & CAPP 30 x 100. Plain and reinforced concrete and cement work and roofing for building.
Owner—West Coast Laundry Machinery Co., 3246 17th St., S. F.
Architect—Perseo Righetti, 12 Geary St., San Francisco.
Contractor—Botman & Henrickson.
Filed June 18, 1923. Dated June 8, 1923.
First floor completed $2272.80
2nd floor completed 2272.80
Completed and accepted..... 2272.80
Usual 35 days 2275.00
TOTAL COST, $9093
Bond, $4550; Sureties, National Surety Co.; Forfeit, none; Limit, 60 days; Plans and specifications filed.

BUILDING
(2455) LOT 15 BLK 3107 Westwood Park. All work except mill work and front entrance for building.
Owner — Gustave H. Rissman, 1138 Treat Ave., San Francisco.
Architect—None.
Contractor—H. B. Bernhardt and R. L. Ryder, 4440 20th St., S. F.
Filed June 18, '23. Dated June 7, '23.
Completion of foundation.....$ 600
On completion of frame..... 2000
Completion of 1st coat plaster. 1000
Completion of trim..... 500
Completion of hous.....e 1200
Usual 35 days.....
TOTAL COST, $6800
Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

FRAME FLATS
(2456) W EIGHTEENTH AVE 425 N Fulton. Two-story and basement frame (2) flats.
Owner—Edw. E. Manseau, 647 Clayton St., San Francisco.
Architect—None. $9000

FRAME FLATS
(2457) W SEVENTEENTH AVE 200 S Cabrillo. Two-story and basement frame (2) flats.
Owner—Peder P. Johnson, 696 McAllister St., San Francisco.
Architect—None. $8000

SUPPLY STATION
(2458) NW FOURTH AND FOLSOM. One-story steel auto supply station
Owner—Union Oil Co. of California, 247 Mills Bldg., San Francisco.
Plans by Owner. $2000

FRAME FLATS
(2459) E FIFTEENTH AVE 25 S Cabrillo. Two-story and basement frame (2) flats.
Owner—S. R. Anderson, 4002 22nd St., San Francisco.
Architect—None. $8000

ALTERATIONS
(2460) NO. 939 MARKET. Remodel entrance to offices.
Owner—Wobbers Inc., 724 Market St., San Francisco.
Architect—Geo. L. Ralph, 233 Post St., San Francisco.
Contractor—Keystone Ornamental Iron Works, 300 Natoma St., San Francisco. $1400

DWELLING
(2461) NW PRAGUE 160 — Naylor. One-story and basement frame dwelling.
Owner — T. J. Houweling, 830 Prague St., San Francisco.
Architect—None. $4800

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FRAME FLATS
(2462) W EIGHTEENTH AVE 400 N Fulton. Two-story and basement frame (2) flats.
Owner—Edw. E. Manseau, 647 Clayton St., San Francisco.
Architect—None. $9000

APARTMENTS
(2463) N GEARY 160 W Larkin. Five-story and basement concrete (29) apartments.
Owner—E. V. Lacey, 180 Jessie St., San Francisco.
Architect — J. C Hladik, Monadnock Bldg., San Francisco. $40,000

APARTMENTS
(2464) W SIXTH AVE. 150 S Cabrillo. 2-story and basement frame (4) apartments.
Owner — Bornella Morse, 818 Hearst Bldg., San Francisco.
Designer—W. R. Lindeman, 580 Balboa St., San Francisco.
Contractor—H. O. Lindeman, 619 27th Ave., San Francisco. $10,000

APARTMENTS
(2465) W SIXTH AVE. 125 S Cabrillo. 2-story and basement frame (4) apartments.
Owner — Bornelia Morse, 818 Hearst Bldg., San Francisco.
Designer—W. R. Lindeman, 580 Balboa St., San Francisco.
Contractor—H. O. Lindeman, 619 27th Ave., San Francisco. $10,000

SHOP & STORE
(2466) N GEARY 80 W Palm Ave. 1-story frame plumbing shop and store.
Owner—E. Sugarman, 4415 California St., San Francisco.
Architect—Earl B. Bertz, 168 Sutter St., San Francisco.
Contractor—E. N. Murphy, Burlingame, California. $3000

DWELLING
(2467) S LINCOLN WAY 107-6 E 45th Ave. E 25 x S 100 O L 629. New concrete stair and complete 1-story of dwelling house.
Owner—Mary J. Mulcahy.
Architect — Peter Kiernan, 1422 48th Ave., San Francisco.
Contractor—Peter Kiernan, 1422 48th Ave., San Francisco.
Filed June 19, 1923. Dated June 18, 1923.
When plastered $375
Completed and accepted 760
Usual 35 days 375
TOTAL COST, $1500
Bond, $1500; Sureties, Harley Enlow and John H. Grewer; Forfeit, none; Limit, 4——; Plans and specifications none.

BUNGALOW.
(2468). E 17TH AVE., 179.60 N. Cabrillo, N. 22.50, E. 111.42 more or less, S. 21.9375, W. 111.42.
One-story bungalow.
Owner—Bahr Behrend, 2205 Market St., San Francisco.
Architect—None.
Contractor—H. O. Lindeman, 619 27th Ave., San Francisco.
Filed June 19, 1923. Dated May 28, 1923.
Frame up and enclosed.....$1405
Rough plastered 1405
Completed 1405
Usual 35 days after 1405
TOTAL COST $5620
Bond, none; Sureties, none; Forfeit, $3; Limit, 120 days. Plans and specifications filed.

BUILDING
(2469) W DRUMM 45-10 S Sacramento S 22-11 x W 70. All work except elevators for a 2-story and basement class B reinforced concrete building.
Owner—Chas. Dunn Clinch Co., Inc., Alaska Comm. Bldg., San Francisco
Architect—H. C. Baumann & Edw. Jose 251 Kearny St., San Francisco.
Contractor — Buschke & Brown, 185 Stevenson St., San Francisco.
Filed June 19, 1923. Dated May 1, 1923.
Piling and excav. completed....$2500
2nd floor poured 3629
Roof poured 3629
Completed and accepted..... 3629
Usual 35 days 4408
TOTAL COST, $17,750
Bond, $8925; Sureties, Frank Davison and Geo. D. F. Smith; Forfeit, none; Limit, 90 days; Plans and specifications filed.

FLINDS
(2470) NW BATTERY & SACRAMENTO W 275 x N 119-6. Venetian blinds for window openings for 7-story class A bank building.
Owner—Federal Reserve Bank.
Architect — Geo. W. Kelham, Sharon Bldg., San Francisco.
Contractor—Western Blind & Screen Co., Hearst Bldg., San Francisco.
Filed June 19, 1923. Dated May 31, 1923.
10th of each month 75%
Usual 35 days 25%
TOTAL COST, $12,800
Bond, $6400; Sureties, Hartford Accident & Indemnity Co.; Forfeit, none; Limit, 90 days; Plans and specifications filed.

PAINTING, ETC. BLDG.
(2471) 640 MONTGOMERY, 97.6 on N. Clay by 68.9 on E. Montgomery, Warren Apts., 701 Post; The Warrington Apts., 775 Post, 137.6 on Post x 137.6 on Leavenworth. Residences, 2400-2402 Steiner, 47 on Washington x 102.8¼ on Steiner.
Owner—The Schmiedell Estate, 203 California St., San Francisco.
Architect—Nathaniel Blaisdell, 255 California St., San Francisco.
Contractor—E. P. Norman, 3773 24th St., San Francisco.
Filed, June 19, '23. Dated, June 9, '23.
Painting on Schmiedell Bldg. done $335
Painting on Warren Apts done. 1375
Painting on Warrington Apts. done 1500
Painting on 2400-2402 Steiner done 415
Usual 35 days after 1275
TOTAL COST $4900
Bond, $2450; Sureties, E. Norman & A. W. Tuggey; Forfeit, $10; Limit, $40. Plans and specifications filed.

DWELLING
(2472) SE BRUCE AND ARNOLD AVE 1-story and basement frame dwlg.
Owner—Jas. A. Arnott, 235 Granville Way, San Francisco.
Architect—None. $2800

DWELLING
(2473) E EDNA 25 S Flood, 1-story and basement frame dwelling.
Owner—Jas. A. Arnott, 235 Granville Way, San Francisco.
Architect—None.
Contractor — Jas. Arnott & Son, 235 Granville Way, S. F. $2800

DWELLING
(2474) E LEE AVE. 150 S Holloway. 1-story and basement frame dwlg.
Owner—James A. Arnott, 235 Granville Way, San Francisco.
Architect—None.
Contractor — Jas. Arnott & Son, 235 Granville Way, S. F. $2800

DWELLING
(2475) SE PLYMOUTH AND MONTEREY Blvd. 1-story and basement frame dwelling.
Owner—Nelson Bros., 1375 Plymouth Ave., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. $4000

DWELLINGS
(2476) E FAXON AVE. 74 118 198 238 N Wildwood. 4 1-story and basement frame dwellings.
Owner—Nelson Bros., 1375 Plymouth Ave., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. $3000 each

DWELLING
(2477) SE EDNA AND FLOOD AVE. 1-story and basement frame dwlg.
Owner—The McCarthy Co., 316 Bush St., San Francisco.
Architect—None.
Contractor—Jas. Arnott & Son., 235 Granville Way, S. F. $2800

DWELLING
(2478) E TWENTIETH AVE. 125 S Cabrillo. 1-story & basement frame dwelling.
Owner—E. Behrend, 510 Page St., San Francisco.
Designer—W. H. Lindeman, 530 Balboa St., San Francisco.
Contractor—H. O. Lindeman, 619 27th Ave., S. F. $4500

DWELLINGS
(2479) E PLYMOUTH AVE. 54 94 N Greenwood. 2 1-story and basement frame dwellings.
Owner—Nelson Bros., 1375 Plymouth Ave., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. $3000 each

DWELLING
(2480) E HAROLD AVE 25 N Bruce 1-story and basement frame dwlg.
Owner—Jas. A. Arnott, 235 Granville Way, San Francisco.
Architect—None. $2800

DWELLINGS
(2481) E ATHENS 200 & 225 S Francc. 2 1-story frame dwellings.
Owner—A. A. Wesendunk, 1747 Dolores St., San Francisco.
Plans by owner. $3000 each

DWELLING
(2482) E LEE AVE. 150 N Grafton. 1-story and basement frame dwlg.
Owner—The McCarthy Co., 316 Bush St. San Francisco.
Architect—None.
Contractor — Jas. Arnott & Son, 235 Granville Way, S. F. $2800

DWELING
(2483) E PLYMOUTH AVE. 35 S Monterey. 1-story and basement frame dwelling.
Owner—Nelson Bros., 1375 Plymouth Ave., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. $3000

ALTERATIONS
(2484) POLK AND CALIFORNIA STS. Remodel present marquise and install electric signs.
Owner—Royal Theatre, Premises.
Architect—None.
Contractor—Brumfield Elec. Sign Co., 965 Folsom St., S. F. $1900

ALTERATIONS
(2485) E MISSION 215 S Nineteenth. Remodel and make addition for store.
Owner — The Rudolph Wurlitzer Co., 250 Stockton St., San Francisco.
Architect—Vernon W. Houghton, 275 Post St., San Francisco.
Contractor—M. E. Greene, 180 Jessie St., San Francisco. $9900

DWELLING
(2486) W SIXTEENTH AVE 267 N Kirkham. One-story and basement frame dwelling.
Owner—H. B. Adams, 1239 7th Ave., San Francisco.
Architect—None. $5500

DWELLINGS
(2487) E STANYAN 100 and 120 S Gratten. Two one-story and basement frame dwellings.
Owner—John J. Binct, 275 Claremont Blvd., San Francisco.
Architect—None. $4800 each

PAVING, ETC.
(2488) FIRST ST., bet. Townsend and Bryant; in Bryant bet. First and Beale; in Beale bet. Bryant and Folsom and First and Federal. Paving, grading, construction of catchbasins and storm water inlets and conduits.
Owner—Southern Pacific Co., 65 Market St., San Francisco.
Architect—None.
Contractor—Eaton & Smith, 407 11th St., San Francisco.
Filed June 20, '23. Dated June 13, '23.
At close of each month..... 75%
Usual 35 days..... 25%
TOTAL COST—27c per sq. ft for repaving with basalt blocks on concrete base; 12c on sand base; catchbasins, $135; stone pipe, $2.90 per ft.; grading, $1.73 per cu. yd.
Bond, $10,050.50. Sureties, James Smith and G. E. Hart. Limit, 90 days. Forfeit, $5. Plans and specifications, none.

RESIDENCE, ETC.
(2489) SW WEBSTER AND GREENWICH W 85x8 26. All work for one-story frame residence and art school.
Owner—Haig Patigian, 923 Polk St., San Francisco.
Architect—Ward & Blohme, 454 California St., San Francisco.
Contractor—Taylor & Jackson, 409 Call Bldg., San Francisco.
Filed June 20, '23. Dated June 18, '23.
On 1st of each month..... 75%
36 days after..... 25%
TOTAL COST, $8340
Bond, $4170. Surety, American Indemnity Co. Limit, 90 days. Forfeit, none. Plans and specifications filed.

STORE BLDG.
(2490) S GROVE 182-9½ W Polk W 24 xS 80 O L 68. All work for one story reinforced concrete store building.
Owner—Jacob Weissbein, Hobart Bldg. San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Meyer Bros., 5326 Geary St., San Francisco.
Filed June 20, '23. Dated May 31, '23.
Forms up and ready for filling. $1175
Roof on 1175
Completed and accepted..... 1175
Usual 35 days..... 1175
TOTAL COST, $4700
Bond, $2350. Sureties, Theodore G. Meyer and Anna Meyer. Limit, 90 days. Forfeit, $10. Plans and specifications filed.

APARTMENTS
(2491) E TAYLOR 72-6 S Ellis. Structural steel, except fire escape brackets for six-story Class C apartment building.
Owner—D. S. Clinton, 57 Sutter St., San Francisco.
Architect—Andrew Knoll, Hearst Bldg., San Francisco.
Contractor—Schrader Iron Works, Inc., 1247 Harrison St., San Francisco.
Filed June 20, '23. Dated May 10, '23.
Steel up to 3rd floor.....$2500
Roof beams in place..... 2500
Completed 1508
Usual 35 days..... 2170
TOTAL COST, $8678
Bond, none. Limit, 45 days. Forfeit, plans and specifications, none.

BUILDING
(2492) E TAYLOR 72-6 S Ellis 40x 87-6. All work except plastering, hardwood floors, mill work, wall beds and finish hradware for six-story and basement Class C steel frame building.
Owner—D. S. Clinton, 57 Sutter St., San Francisco.
Architect—Andrew H. Knoll, Hearst Bldg., San Francisco.
Contractor — J. Martinelli, 180 Jessie St., San Francisco.
Filed June 20, '23. Dated May 14, '23.
On 1st and 15th of each month 75%
Usual 35 days..... 25%
TOTAL COST, $16,140
Bond, none. Limit, as required. Forfeit, plans and specifications, none.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted

June 13, 1923—S CALIFORNIA 70 W Twenty-first Ave W 25x90. Mrs. Mary E Lapier to whom it may concern .....June 13, 1922
June 13, 1923—LOT 16 BLK 2979-A Claremont Ct. Charles P Gibbons to whom it may concern.....—
June 14, 1923—E TWENTY-THIRD Ave 225 S Taraval S 25xE 120. Chester A Iversen to E Dahlberg and A Peterson.....June 14, 1923
June 14, 1923—W THIRTY-THIRD Ave 100 and 125 N Irving 25x120. Geo J Elkington to whom it may concern.....June 14, 1923
June 14, 1923—W EIGHTEENTH AVE 200 N Clement N 25xW 120. Baldasari Asaro to whom it may concern.....May 29, 1923
June 14, 1923—E EIGHTH AVE 55-4 N Cabrillo N 25xE 90. A Bimarz to A A Wesendunk.....June 14, 1923
June 14, 1923—E THIRD AVE 159-7¾ S Cabrillo S 25xE 120. John M and Emma Peters to whom it may concern.....June 12, 1923
June 14, 1923—SW FOURTEENTH Ave and Cabrillo S 25xW 100. Nels P Johnson to whom it may concern .....June 14, 1923
June 14, 1923—W TWENTY-FIRST Ave 175 N Cabrillo N 25 W 120 S 25 E 175. Nick Hemminga to whom it may concern.....June 14, 1923

June 15, 1923—SE SAN BRUNO AVE and Burrows S 37-6xE 200. Salvatore & Angella Cancilla to Michael Brueck ....June 15, 1923
June 15, 1923—E EIGHTEENTH AVE 250 N Fulton N 25xE 120. John F Mullane to O K Holt..June 14, 1923
June 15, 1923—W EIGHTH AVE 250 N O St. Gustaf Johnson to whom it may concern.........June 14, 1923
June 15, 1923—W EIGHTH AVE 50 N Bryant 75x85. Samuel Schell to whom it may concern..June 15, 1923
June 15, 1923—N NATOMA AND Eighth NW 75xNE 275. Talbot Invst Co to A Knowles, Waterhouse Wilcox Co......June 12, 1923
June 15, 1923—W FORTY-SIXTH AV 265 S Balboa S 27-6xW 120. Wm T Ryan to Meyer Bros.....June 1, 1923
June 15, 1923—E EIGHTEENTH AVE 225 N Fulton N 25xE 120. John F Mullane to O K Holt....June 14, 1923
June 15, 1923 LOT 1 and N 20. Lot 18 Blk 3108, Westwood Park. Hans and Esther E Nelson to whom it may concern...........June 14, 1923
June 15, 1923—W THIRTY-EIGHTH Ave 155 S Clement S 25xW 120. Mary A Hardiman to whom it may concern................June 15, 1923
June 16, 1923—S GOLDEN GATE AV 110 E Buchanan W 55 S 137-6 E 40-4½ NE 22-9⅝ N 120. Jos Pasqualetti to whom it may concern ....June 16, 1923
June 16, 1923—N FULTON 82-6 W Franklin 27-6x120. E N Lacey, and Louis S Haas to O E Carlson..... ....June 11, 1923
June 16, 1923—NE GERARD 178 SE Harkness 31x54. irregular. John W Swanson to S Saari..June 15, 1923
June 16, 1923—N OAK 247-3 W Van Ness Ave W 63-9x120. The Young Men's Institute Hall Assn to Central Iron Works and J W Bender Roofing & Paving Co...June 9, 1923
June 15, 1923—S GENEVA AVE 345 W Mission W 25xS 100 Lot 16 Blk 3. Alivera De Martini to Frachia & Rosina ....June 12, 1923
June 18, 1923—SE TWENTY-THIRD Ave and Geary 75x56-8. Robt H Smith to whom it may concern.. ....June 18, 1923
June 18, 1923—LOT 13 BLK 10, St. Francis Wood Extn No. 1. St. Francis Home Bldg Co to Mangels Bros.................June 15, 1923
June 18, 1923—S CHESTNUT 137-6 W Pierce W 27-6xS 137-6. John Galletta to Paul De Martini.June 14, 1923
June 18, 1923—SE BUSH & TAYLOR. A Penginer to whom it may concern.....................June 1, 1923
June 18, 1923—SW THIRTY-NINTH Ave and Cabrillo S 200 W 120 S 100 E 28 N 100 E 92. Michael & Lawrence Costello to whom it may concern ....June 8, 1923
June 18, 1923—SW TWENTY-FIRST Ave. and Anza S 25 x W 82-6. Michael McDonough to whom it may concern ....June 16, 1923
June 18, 1923—NW VAN NESS AVE and Lombard W 100 x N 30. G. A. Metcalfe to whom it may concern ....May 23, 1923
June 18, 1923—E TWENTIETH AVE 200 N Irving N 25 x E 120 OL654 J. C. Gibson to whom it may concern ....June 18, 1923
June 18, 1923—S Cabrillo 92 N 39th Ave W 28 x S 100 S 40th Ave 150 S Cabrillo S 50 x E 120. Michael & Lawrence Costello to whom it may concern ....June 8, 1923
June 19, 1923—W HYDE 125 S Geary W 137-6xS 37-6. Adolph and Bella Stock to whom it may concern... ....June 19, 1923
June 19, 1923—W HYDE 87-6 S Geary W 137-6xS 37-6. Rose Lazarus to whom it may concern..June 19, 1923
June 19, 1923—LOT 26 BLK 6, Amended Map Ingleside Terrace. Fred Anderson and Ivor D Sellmon to whom it may concern...June 12, 1923
June 19, 1923—LOT 16 BLK 24, St. Francis Wood Extn No. 2. Garden Homes Co to Mangels Bros....... ....June 18, 1923
June 19, 1923—LOTS 23 AND 24 BLK 24, St. Francis Wood Extn No. 2. St. Francis Wood Co to Mangels.. Bros ....June 18, 1923
June 19, 1923—NO 32-34 GEARY. The Golden Pheasant Inc to Braas & Kuhn Co and Gilley-Schmid Co, Inc ....June 18, 1923
June 19, 1923—W FORTY-SEVENTH Ave 100 N Fulton N 25xW 120. John Little to whom it may concern..................June 18, 1923
June 19, 1923—NE SACRAMENTO & Grant Ave E 68-9 to pt of beg N 55 E 22-6 S 55 W 22-6. The Chas Dunn Church Co to whom it may concern.................June 18, 1923
June 19, 1923—NW SANSOME AND Green 45-10x91-8. S A Ginsti to whom it may concern..June 18, 1923
June 20, 1923—NE PRIM 66-8 SE Rhine SE 33-4xNE 75. Ptn. Lots 6, 7 and 8 Blk "N" Mission St. Land Co. Charles Gust to whom it may concern.................June 18, 1923
June 20, 1923—SW FILBERT AND Larkin 50x100. G A & Margherita Rege to Fred Moller and R De Suca...................June 18, 1923
June 20, 1923—SE PARIS & BRAZIL Ave 74-8x50. T W McClenahan to whom it may concern..June 20, 1923
June 20, 1923—N BUSH 135-6 W Mason W 30xN 137-6. Bertha Basye to Michel & Pfeffer.....June 15, 1923
June 20, 1923—NE ALABAMA AND Twenty-third N 25xE 79. Mary M Fourtner to John Diestel.June 15, '23
June 20, 1923—COR. O'FARRELL & Market (Phelan Bldg.) James D Phelan to The Worthington Co., Inc.....................June 9, 1923
June 20, 1923—E MISSION 150 N Brazil Ave. Elmo Collins to whom it may concern........June 20, 1923
June 20, 1923—S CALIFORNIA 88-9 W Polk W 50xS 137-6. Bertha H Cahen to whom it may concern.. ....June 20, 1923
June 21, 1923—W BOYCE 75 S Geary S 25x75 Alfred and Maud Reese to L H Stevenson.........June 19, 1923
June 21, 1923—E SEVENTH AVE 50 N Hugo N 25xE 95. Michael J McDermott, Herbert Del Monica and Harry Anderson to whom it may concern................May 29, 1923
June 21, 1923—NW BATTERY AND Sacramento W 275xN 119-6. Federal Reserve Bank of S. F. to Western Iron Works........June 17, 1923

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Accepted

June 14, 1923—S BUSH 186 W Steiner W 36-6xS 137-6. Leverett T Spaulding vs Annie Berndt, Gus Berndt and Geo A Williams.....$390
June 14, 1923—S GENEVA 103-335 W Athens W 25xS 100 Lot 14 Blk 16 Amazon Crocker Tract. A E Lovett vs O E and Eunice Hinman $65
June 15, 1923—N UNION 55 E Gough E 25 E 25 N 112-6. Murdock McKenzie vs Michael and Leviar Firpo Amilio and Enrica Vigo..$200
June 19, 1923—S TWENTY-NINTH with NW San Jose Ave 88-3⅛ S 29 E 77-4⅝ NE 31-2 m or l. Pioneer Plate & Window Glass Co vs Jos and Fennie Leider and F Ennis $350
June 19, 1923—W FIFTEENTH AVE 100 N Geary N 25xW 120. J H Franks vs M Aron $125
June 20, 1923—LOT 14 BLK 16, Crocker Amazon Tract. H H Smith vs O E Hinman and Harry C Pinkerton $432.65

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded Amount

June 14, 1923—S CLEVELAND AND Seventh SE 75xNE 100. Wm Martin to Greek Community of S. F., Oakland and Vicinity..............$3010
June 15, 1923—S TWENTIETH 206 (250) E Guerrero E 25xS 114. Carl Frank to Gustavous V and Ellen C Phipps $45
June 19, 1923—E FORTY-EIGHTH Ave 250 S Taraval S 75xE 120. Sunset Iron Works to whom it may concern...........................
June 19, 1923—E FORTY-EIGHTH Ave 250 S Taraval S 75xE 120. Marshall & Stearns Co to Hamilton & Costello, Florence and Harry L Dale and National Surety Co.....

Notice of Non Responsibility

SAN FRANCISCO COUNTY

June 19, 1923—SW CALIFORNIA & Polk S 103xW 88-9. Ethel S Pissis as to improvements on property..

BUILDING CONTRACTS

ALAMEDA COUNTY

$1,0000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt
2817	Brand	Oakland	2600
2818	Jongenell	Yerrick	5000
2819	Barbier	Rogers	1300
2820	Pointes	Owner	2000
2821	Mowbray	Owner	4000
2822	Lekas	Hauri	5000
2823	Clark	Owner	1500
2824	Flagg	Owner	6000
2825	Heitman	Hendrickson	7000
2826	Worthington	Crane	3000
2827	Flagg	Owner	3500
2828	Tenhunen	Abrahamson	4500
2829	Deleat	Carter	2800
2830	Ulman	Scott	1743
2831	Brazier	Owner	4000
2832	Brooks	Morris	7000
2833	Potter	Owner	3000
2834	Schwartz	Bertoldi	6600
2835	Didermess	Owner	3500
2836	Brown	Owner	3400
2837	Ellson	Norlin	4500
2838	Peppin	Owner	5100
2839	Dahl	Dahl	1150
2840	Heltzman	Merritt	2000
2841	Benall	Folk	3500
2842	Habson	Habson	3600
2843	Hoerper	Begier	2500
2844	Steele	Johnson	3500
2845	Mills	Owner	3500
2846	Lusk	Anderson	1000
2847	Duner	Owner	3950
2848	Anderson	Owner	3000
2849	Blodgett	Owner	3000
2850	Nicholas	Owner	3600
2851	Swanson	Veteran	3588
2852	Taits	James	7000
2853	Oakland	Vermont	58698
2854	Clark	Hansson	11860
2855	Brown	Bowman	3000
2856	Schultz	Owner	3500
2857	California	Brennan	1000
2858	Rodgers	Loblaw	1500
2859	Smith	Pratt	3000
2860	Ross	Martin	2400
2861	Clark	Pratt	2000
2862	Masonic	Hillam	8630
2863	Masonic	Burham	3697
2864	Masonic	Gordin	2515
2865	Masonic	Wold	35985
2866	Masonic	Larsen	15880
2867	Masonic	Fincke	2831
2868	Masonic	Scott	1370
2869	Masonic	Mindner	6640
2870	California	Muller	2500
2871	Berkeley	Owner	4000
2872	Romie	Wilson	28000
2873	R C Arch	McCullough	60000
2874	Davis	Knight	17000
2875	Voight	Crust	12000
2876	Post	Anderson	14000
2877	Loretz	Lundberg	4000
2878	Ferreia	Peters	3700
2879	Gibbort	Owner	2800
2880	Smart	Owner	1500
2881	McCord	Owner	3000
2882	Diero	Owner	3000
2883	Associated	Owner	2000
2884	Foe	Owner	5000
2885	State of Calif.	Owner	1900
2886	Brusochetto	Garello	2710
2887	Genalsta	Owner	3500
2888	Western	Ortzow	1000
2889	Nielsen	Petersen	3000
2890	Briglia	Langtry	8800
2891	Mills	Conner	22208
2892	O'Connor	Adams	4370
2893	West End	Williford	2850
2894	West End	Williford	2850
2895	West End	Williford	11550
2896	Meinecke	Vollmer	4500
2897	Watts	King	6000
2898	Handerkin	Hewitt	3000
2899	Smith	Bragg	3000
2900	Hooper	Peacock	2032
2901	Townsend	Owner	2000
2902	Reichel	Fish	6600
2903	Noble	Owner	3000
2904	Werner	Owner	2000
2905	Pallen	Owner	5500
2906	Alaska	Lehman	3000
2907	Wanske	Meyer	6875
2908	Silva	Hostiler	2800
2909	Pfrang	Owner	5000
2910	Reloli	Ucello	1800
2911	MacMurtz	Owner	2700
2912	Nichols	Owner	3000
2913	Minomi	Owner	1000
2914	Hupschmidt	Owner	3950
2915	Smith	Compomenosi	3825
2916	Oishi	Yoshishi	1750
2917	Breuner	Knapp	1500
2918	Salvation Army	Diggs	27000

DWELLING
(2817) NO. 1411 SAN PABLO AVE., Berkeley. One-story 4-room dwlg.
Owner—Viola Brand, 553 27th St., Oakland.
Architect—None.
Contractor—Oakland Home Builders Co., Inc., 1704 San Pablo Ave., Oakland. $2600

DWELLING
(2818) 747 CALMAR AVE., Oakland. 1-story 6-room dwelling.
Owner—Wm. Jongenell, 950 Eileen St., Oakland.
Architect—None.
Contractor—A. J. Yerrick, 5255 College Ave., Oakland. $5000

ALT. & ADD.
(2819) 3433 HAVEN ST., Oakland. Alteration and addition.
Owner—Jose Barbier, premises.
Architect—None.
Contractor—Rogers & Sandusky, 876 35th St., Oakland. $1300

DWELLING
(2820) S BOEHMER ST. 250 W Lancaster, Oakland. 1-story 4-room dwelling.
Owner—J. Pointes, 2512 25th Ave., Oakland.
Architect—None. $2000

DWELLING
(2821) 5052 FAIRFAX AVE., Oakland. 1-story 6-room dwelling.
Owner—M. V. Mowbray, 4236 Foothill Blvd., Oakland.
Architect—None. $4000

STORE
(2822) N HOPKINS ST. 60 W Fruitvale, Oakland. 1-story brick stores.
Owner—Jas. M. Lekas.
Architect—None.
Contractor—Hauri & Wierk, 822 56th St., Oakland. $5000

DWELLING
(2823) E-SIXTIETH AVE, 250 S Tevis St., Oakland. 1-story 4-room dwlg.
Owner—L. H. Clark, 1133 60th Ave., Oakland.
Architect—None. $1500

DWELLING
(2824) 2500-06 MAXWELL AVE., Oakland. 2 1-story 5-room dwlgs.
Owner—Flagg & Turner, Maxwell & Brookdale, Oakland.
Architect—None. $3000 each

DWELLING
(2825) 879 LAKESHORE, Oakland. 1-story 7-room dwelling.
Owner—Mrs. Mary Heitman, 544 Prince St., Oakland.
Architect—None.
Contractor—A. Hendrickson, 6458 Raymond St., Oakland. $7000

DWELLING
(2826) E SIXTY-FIFTH AVE. 900 N E-14th St., Oakland. 1-story 4-room dwelling.
Owner—Hugh F. & Mary F. Worthington, 1610 41st Ave., Oakland.
Architect—None.
Contractor—E. J. Crane, 2004 46th Ave. Oakland. $3000

DWELLING
(2827) 2512 MAXWELL AVE. Oakland 1-story 6-room dwelling.
Owner—Flagg & Turner, Maxwell & Brookdale, Oakland.
Architect—None. $3500

DWELLING
(2828) W MORAGA RD. 100 S Edith St., Oakland. 1-story 6-room dwlg.
Owner—Fred F. Tenhursen, 1741 Hearst Ave., Berkeley.
Architect—None.
Contractor—H. R. Abrahamson, 41 Yosemite Ave., Oakland. $4500

STORES
(2829) NE COR. VICKSBURG AND Bond, Oakland. 1-story 2-room stores.
Owner—Henry L. Deleat, 316 Portland Ave., Oakland.
Architect—None.
Contractor—T. Carter, Fortune Way & 60th Ave., Oakland. $2800

APARTMENTS
(2830) THIRD AVE bet. E-Fourteenth and E-Fifteenth Sts., Oakland. All work for painting and papering apartments.
Owner—Mrs Madeline Ulman.
Architect—None.
Contractor—J. A. Scott, L. W. Laux & L. C. Wirth, 739 6th Ave., Oakland.
Filed June 14, '23. Dated ——.
Completed $250
Each month after..... 150
TOTAL COST, $1743
Bond, limit, forfeit, plans and specifications, none.

DWELLING
(2831) NO. 2 CLAREMONT CRESCENT, Berkeley. One-story 6-room dwelling.
Owner—Jas. W. Brazier, 1912 Blake St., Berkeley.
Architect—None. $4000

DWELLING
(2832) NO. 2330 ROSE TERRACE, Berkeley. One-story 7-room dwlg.
Owner—C. Brooks, 2526 Regent St., Berkeley.
Architect—None.
Contractor—R. Norris, 839 Vermont St., Berkeley. $7000

DWELLING
(2833) NO. 1540 LINCOLN, Berkeley. One-story 5-room dwelling.
Owner—A. W. Potter, 2181 41st Ave., Oakland.
Architect—None. $3000

(2834) NW PARK BLVD & HOPKINS, Oakland. 1-story 6-room dwelling.
Owner—H. Schwarty, 1439 29th Ave., Oakland.
Architect—None.
Contractor—J. Bertoldi, 5028 Vicente St Oakland. $6600

DWELLING
(2835) E TWENTY-FIRST AVE. 102 N E-22nd St., Oakland. 1-story 5-room dwelling.
Owner—J. Didermess & Son, 1711 Sherman St., Alameda.
Architect—None. $3500

DWELLING
(2836) 5630 E-17th St., Oakland. 1-sto. 5-room dwelling.
Owner—T. H. Brown, 1453 35th Ave., Oakland.
Architect—None. $3400

DWELLING
(2837) 4626 BENVIDES AVE., Oakland. 1-story 5-room dwelling.
Owner—Frank Ellison.
Architect—None.
Contractor—R. Norlin, 2016 89th Ave., Oakland. $4500

RESIDENCE
(2838) 241 PARK VIEW AVE., Oakland. 2-story 6-room residence and garage.
Owner—J. B. Peppin, 851 Trestle Glen, Oakland.
Architect—None. $5100

WAREHOUSE.
(2839) 2435 E-TWENTY-FOURTH ST., Oakland. 1-story warehouse.
Owner—Henry Dahl, premises.
Architect—None.
Contractor—E. W. Dahl, premises $1150

DWELLING
(2840) S FOOTHILL BLVD. 200 E 90th Ave., Oakland. 1-story 4-room dwlg.
Owner—G. F. Heitzman, 1225 61st Ave., Oakland.
Architect—None.
Contractor—J. W. Merritt, 6122 Mills St., Oakland. $2000

DWELLING
(2841) S E-TWENTY-SECOND ST. 200 E 21st Ave., Oakland. 1-story 5-room dwelling.
Owner—Charles B. Benall, 2344 E-15th St., Oakland.
Architect—None.
Contractor—Charles W. Falk, 1520 E-28th St., Oakland. $3500

DWELLING
(2842) 3056 CALIFORNIA, Oakland, 1-story 5-room dwelling.
Owner—Mary E. Habson, 3636 Maple Ave., Oakland.
Architect—None.
Contractor—F. Habson, 3636 Maple Ave. Oakland. $3600

ALTERATIONS
(2843) 9401 E-FOURTEENTH ST., Oakland. Alterations.
Owner—Chas. Hoerper, premises.
Architect—None.
Contractor—Harry H. Begier, 154 Goler Ave., San Leandro. $2500

DWELLING
(2844) S STEARNS AVE. 400 W Wise Acre, Oakland. 1-story 5-room dwlg
Owner—O. H. Steele, 834 9th St., Oakland.
Architect—None.
Contractor—O. R. Johnson, 3131 Talbot Ave., Oakland. $3500

DWELLING
(2845) NW COR. LAUREL AVE. & Georgia St., Oakland. 1-story 5-rm. dwelling.
Owner—A. Mills, 3555 Laurel Ove., Oakland.
Architect—None. $3500

OFFICE & WORK ROOM
(2846) N E-ELEVENTH 126 E 6th Ave Oakland. 1-story office and workroom.
Owner—A. S. Luck, Oakland.
Architect—None.
Contractor—A. F. Anderson, 2800 Delaware St., Berkeley. $1000

OFFICE & WAREHOUSE
(2847) NE COR. E-FOURTEENTH ST. and 42nd Ave., Oakland. 1-story office and 1-story warehouse.
Owner—Duner-Matheny Sash & Door Co., 4208 E-14th St., Oakland.
Architect—None. $3950

DWELLING
(2848) N CALAVERAS AVE 170 W Green Acre Road, Oakland. One-story 6-room dwelling.
Owner—A. G. Anderson, 713 Castro St., Oakland.
Architect—None. $3000

DWELLING
(2849) NO. 2827 BROOKDALE AVE., Oakland. One-story 5-room dwlg.
Owner—N. A. Blodgett, 3940 E-14th St., Oakland.
Architect—None. $3000

DWELLING
(2850) S NINETEENTH opp. Curtis St., Oakland. One-story 4-room dwelling.
Owner—Wm. E. Nicholas, Oakland.
Architect—None. $3600

DWELLING
(2851) S BROOKDALE AVE 313 W Humboldt Ave., Oakland. One-story 6-room dwelling.
Owner—A. Swanson, Oakland.
Architect—None.
Contractor—Veteran Constr. Co., 574 Castro St., Hayward. $3588

ALTERATIONS
(2852) NO. 427 TWELFTH, Oakland. Alterations.
Owner—John Tait's Coffee Shop, Phelan Bldg., San Francisco.
Architect—None.
Contractor—R. L. James, Phelan Bldg., San Francisco. $7000

MARBLE WORK
(2853) E BROADWAY 55 N Twelfth N 45xE 100, Oakland. Interior marble work for seventeen-story Class A bank and office building.
Owner—The Oakland Bank.
Architect—Reed & Corlett, Oakland Bk Bldg., Oakland.
Contractor—Vermont Marble Co., 244 Brannan St., San Francisco.
Filed June 16, '23. Dacd June 15, '23.
On 10th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $58,698
Bond, $29,349. Surety, National Surety Co. Limit, Dec. 1, 1923. Forfeit, none. Plans and specifications filed.

DWELLING
(2854) LOT 8 BLK 1, Hotel Claremont Tract, Berkeley. All work for two-story frame dwelling.
Owner—Sydney S. Clark, 543 Santa Itay Ave., Oakland.
Architect—Reed & Corlett, Oakland Bk. Bldg., Oakland.
Contractor — Louis O. Hansson, 1749 Grove St., Berkeley.
Filed June 16, '23. Dated June 15, '23.
On 10th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $11,860

Bond, none. Limit, Oct. 15. Forfeit, none. Plans and specifications filed.

DWELLING
(2855) 2200 GRANT ST., Berkeley. 1-story 5-room dwelling.
Owner—Brown.
Architect—None.
Contractor—Alfred J. Bowman, 2401 Fulton St., Berkeley. $3000

DWELLING
(2856) 1922 HOPKINS, Berkeley. 1-story 5-room dwelling.
Owner—H. K. Schultz, 9A Virginia Ct., Berkeley.
Architect—None. $3500

WAREHOUSE
(2857) 1918 ADDISON ST., Berkeley. Warehouse.
Owner—State of California.
Architect—None.
Contractor—J. P. Brennan, 2110 Shattuck Ave., Berkeley. $1000

DWELLING
(2858) N E-THIRTY-FIRST 100 E Thirteenth Ave., Oakland. One-story 4-room dwelling.
Owner—Mary J. Rodgers, 1931 Russell St., Berkeley.
Architect—None.
Contractor—M. H. Loblaw, Box 73-C, Hayward. $1500

DWELLING
(2859) E SIXTY-EIGHTH AVE 360 N E-Fourteenth, Oakland. One-story 5-room dwelling.
Owner—M. Smith, 7000 E-14th St., Oakland.
Architect—None.
Contractor—C. A. Pratt, 1305 Filbert St., Oakland. $3000

DWELLING
(2860) S HOLLY 240 W 100th Ave., Oakland. One-story 3-room dwlg.
Owner—Harry C. Ross, 1429 100th Ave., Oakland.
Architect—None.
Contractor—L. R. Martin, 219 Arroyo Ave., San Leandro. $2400

DWELLINGS
(2861) S BISSELL 500 W Seventy-third Ave., Oakland. Two one-story 4-room dwellings.
Owner—F. E. Clark.
Architect—None.
Contractor—C. A. Pratt, 1305 Filbert St., Oakland. $2000 each

CLUB BLDG.
(2862) SW COR. BANCROFT WAY & Bowditch St. W 101 S 130, Berkeley Int. metal lath and furring and int. and ext. plastering for conc. club building.
Owner—Masonic Club of U. C., Hotel Bancroft, Berkeley.
Architect—Carl Werner, Santa Fe Bldg. San Francisco.
Contractor—Allen J. Hillam, 351 12th St., Oakland.
Filed June 18, 1923. Dated May 25, 1923.
1st of each month 75%
Usual 35 days 25%
TOTAL COST, $5630
Bond, $4135; Sureties, New Amsterdam Casualty Co.; Forfeit, none; Limit, as soon as possible; plans and specifications filed.

(2863) PLUMBING ON ABOVE
Contractor — Burnham Plumbing Co., 1220 Webster St., S. F.
Filed June 18, 1923. Dated May —, 1923.
Payments same as above.
TOTAL COST, $3697
Bond, $1848.50; Sureties, Fidelity & Deposit Co.; Forfeit, none; Limit, none; Plans and specifications filed.

(2864) PAINTING ON ABOVE.
Contractor—Charles Gordon.
Filed June 18, 1923. Dated May 25, 1923.
Payments same as above.
TOTAL COST, $2515
Bond, 1257.50; Sureties, Aetna Casualty & Surety Co.; Forfeit, Limit, none; Plans and specifications filed.

(2865) MARBLE, TILE, TERRAZZO, ornamental iron, carpenter, mill, roofing, sheet metal on above.
Contractor—C. L. Wold Co., 185 Stevenson St., San Francisco.
Filed June 18, 1923. Dated May 25, 1923.
Payments same as above.
TOTAL COST, $35,985
Bonds, 17,992.50; Sureties, Aetna Casualty & Surety Co.; Forfeit, none; Limit, 120 days; Plans and specifications filed.

(2866) BRICK WORK, CONCRETE floor and steps on above.
Contractor—Harold N. Larsen, Monadnock Bldg., San Francisco.
Filed June 18, '23. Dated May 25, '23.
Payments same as above.....
TOTAL COST, $15,880
Bond, $7940. Sureties, C. G. Berg and W. Larsen. Limit, 60 days. Forfeit, none. Plans and specifications filed.

(2867) HEATING AND VENTILATING on above.
Contractor—H. W. Fincke (Ideal Heating Co.)
Filed June 18, '23. Dated May 25, '23.
Payments same as above.....
TOTAL COST, $2831
Bond $1415.50. Surety, National Surety Co. Limit, as soon as possible. Forfeit, none. Plans and specifications filed.

(2868) ELECTRIC WORK ON ABOVE.
Contractor—Scott-Buttner Electric Co., 15 Grand Ave., Oakland.
Filed June 18, '23. Dated May 25, '23.
Payments same as above.....
TOTAL COST, $1370
Bond, $685. Surety, Aetna Casualty & Surety Co. Limit, as soon as possible. Forfeit, none. Plans and specifications filed.

(2869) CAST STONE WORK ON above.
Contractor—Mindner & Melskov, 180 Jessie St., San Francisco.
Filed June 18, '23. Dated May 25, '23.
Payments same as above.....
TOTAL COST, $6648
Bond, $3324. Surety, Aetna Casualty & Surety Co. Limit, as soon as possible. Forfeit, none. Plans and specifications filed.

REPAIRS
(2870) E HUBBARD 125 N Park, Emeryville. Repair building; cement foundation and new wood floor.
Owner — California Bag & Paper Co., Premises.
Architect—None.
Contractor — F. A. Muller, Syndicate Bldg., Oakland. $2500

DWELLING
(2871) NO. 727 ALAMEDA, Berkeley. Two-story 7-room dwelling.
Owner—Berkeley Building Co., Solano and Colusa Sts., Berkeley.
Architect—None. $1000

STORES
(2872) SE SHATTUCK AND HASTE, Berkeley. One-story 7-room concrete stores.
Owner—P. E. Romie, 718 Newton Ave., Oakland.
Architect — Hutchison & Mills, 1214 Webster St., Oakland.
Contractor—Leslie R. Wilson, 2216 Blake St., Berkeley. $28,000

SCHOOL
(2873) NO. 2116 JEFFERSON, Berkeley Two-story and basement school.
Owner—Roman Catholic Archbishop of S. F., 1100 Franklin St., S. F.
Architect—John Lofquist, 1399 Tamalpais St., Berkeley.
Contractor—H. McCullough & Son, 1641 Alston Way, Berkeley. $60,000

FLATS
(2874) S ORCHARD ST. 100 W Summit, Oakland. 2-story 15-room flats and garage.
Owner—A. Davis.
Architect—None.
Contractor—Harry C. Knight, 388 12th St., Oakland. $17,000

FLATS
(2875) 4320 HOWE ST., Oakland. 2-story 16-room flats.
Owner—Mrs. M. Voight, 4103 Piedmont Ave., Oakland.
Architect—None.
Contractor—Geo. Crust, 4351 Howe St., Oakland. $12,000

MARKET
(2876) N E-FOURTEENTH ST. 140 E 29th Ave., Oakland. 1-story public market.
Owner—Howard Post, 3873 West St., Oakland.
Architect—None.
Contractor—John Anderson, 874 34th St Oakland. $14,000

DWELLING
(2877) 3308 CARRINGTON AVE., Oakland. 1-story 6-roo mdwelling.
Owner—Frank A. Loretz, 2212 41st Ave Oakland.
Architect—None.
Contractor—S. I. Lundberg, 3434 Elmwood Ave., Oakland. $4000

DWELLING
(2878) NO. 1608 NINETY-SECOND Ave., Oakland. One-story 6-room dwelling.
Owner—M. J. Ferreia, Oakland.
Architect—None.
Contractor—Darling & Peters, 229 14th St., Oakland. $3700

DWELLING
(2879) NO 3563 BOSTON AVE., Oakland. One-story 5-room dwelling.
Owner—H. Stanley Gibbart, 3535 Peralta Ave., Oakland.
Architect—None. $2800

DWELLING
(2880) NO. 2324 HUGHES AVE (rear), Oakland. One-story 3-room dwlg.
Owner—J. H. Smart, Premises.
Architect—None. $1500

DWELLINGS
(2881) NO. 1946 AND 1952 102ND AVE Oakland. Two one story 4-room dwellings.
Owner—E. J. McCord, 8821 E-14th St., Oakland.
Architect—None. $3000 each

DWELLING
(2882) N FORTY-SECOND 150 E Adeline, Oakland One-story 5-room dwelling.
Owner — Albert Diero, 1086 48th St., Oakland.
Architect—None. $3000

SERVICE STATION
(2883) NE SIXTEENTH & MARKET, Oakland. One-story steel service station.
Owner—Associated Oil Co. 1100 Webster St., Oakland.
Architect—None. $2000

DWELLING
(2884) NO. 667 BROOKWOOD ROAD, Oakland. One-story 6-room dwlg.
Owner—Samuel Moe, 2125 9th Ave., Oakland.
Architect—None. $5000

STABLE
(2885) W HAMPTON ROAD 1 mile N Union Ave., Oakland. One-story stable.
Owner—State of California.
Architect—None. $1900

DWELLING
(2886) N FORTY-SIXTH 215 E Market, Oakland. One-story 4-room dwelling.
Owner—M. Brusachetto, 692 45th St., Oakland.
Architect—None.
Contractor—P. Garello, 870 47th St., Oakland. $2710

DWELLING
(2887) 2628 LOGAN ST., Oakland. 1-story 6-room dwelling.
Owner—F. Gervalstal, 3524 Suter St., Oakland.
Architect—None. $3500

ALTERATIONS
(2888) 531 OAK ST., Oakland. Alterations.
Owner — Western Produce Co., 329 Franklin St., Oakland.
Architect—None.
Contractor—A. Ortzow, 2929 West St., Oakland. $1000

DWELLINGS
(2889) E ABREY ST. 100 & 140 S Penniman Ave., Oakland. 2 1-story 4-room dwellings.
Owner—S. Nielsen, Oakland.
Architect—None.
Contractor—J. B. Petersen, 2053 38th Ave., Oakland. $3000 each

DWELLINGS
(2890) NE COR. ALLSTON WAY AND 8th St., Berkeley 3 1-story 4-room dwellings.
Owner—Mrs. R. Brigila, 880 29th St., Oakland

Architect—None.
Contractor—J. R. Langtry, 739 Alleen St., Oakland.
Filed June 19, 1923. Dated June 14, 1923.
Frame up .....$733 ea
Enclosed ..... 733 ea
1st coat paint on ..... 733 ea
Usual 35 days ..... 734 ea
TOTAL COST, $8800
Bonds, Sureties, Forfeit, none; Limit, 120 days; Plans and specifications filed.

SWIMMING POOL & DRESSING RM.
(2891) MILLS COLLEGE, Oakland. Swimming pool and dressing rooms.
Owner—Mills College, Oakland.
Architect—W. H. Ratcliff, Jr., 1st Natlt Bank Bldg., Berkeley.
Contractors—Conner & Conner, 1726 Grove St., Berkeley.
Filed, June 19, '23. Dated, June 18, '23.
First of each month..... 75%
Usual 35 days after completed and accepted 25%
TOTAL COST $22208.80
Bond, $11,105; Sureties, National Surety Co.; Forfeit, none; Limit, 75 days. Plans and specifications filed.

DWELLING
(2892) LOT 39 MAP 4 AVE TERRACE Extension, Oakland. 6-room dwlg.
Owner—Maurice O'Connor, Oakland.
Architect—None.
Contractor—Elmo H. Adams, 2840 23rd Ave., Oakland.
Filed June 19, 1923. Dated June 15, 1923.
Frame up .....¼
Brown coated .....¼
Plastered .....¼
Completed and accepted .....¼
TOTAL COST, $4370
Bond, Sureties, Forfeit, none; Limit, 100 days; Plans and specifications filed.

DWELLING
(2893) 545 HAIGHT AVE, Alameda. 1-story 5-room dwelling.
Owner—West end Bldg. Assn.
Architect—None.
Contractor — Howard Williford, 3265 Central Ave., Alameda. $3850

DWELLING
(2894) 533 HAIGHT AVE., Alameda. 1-story 4-room dwelling.
Owner—West End Bldg. Assn.
Architect—None.
Contractor — Howard Williford, 3265 Central Ave., Alameda. $2850

DWELLINGS
(2895) 537, 539, 543 HAIGHT AVE., Alameda. 3 1-story 5-room dwlgs.
Owner—West End Bldg., Assn., Alameda.
Architect—None.
Contractor — Howard Williford, 3265 Central Ave., Alameda. $3850 ea

DWELLING
(2896) 2040 SAN JOSE AVE., Alameda 1-story 5-room dwelling.
Owner—Edith H. Meinecke, San Jose.
Architect—None.
Contractor—W. G. Vollmer, Alameda. $4500

DWELLINGS
(2897) 1723 1727 PACIFIC, Alameda. 2 1-story 5-room dwellings.
Owner—C. F. Watts, 1334 Park Ave., Alameda.
Architect—None.
Contractor—Geo. King, 2054 Alameda Ave., Alameda. $3000 each

DWELLING
(2898) 762 EAGLE AVE., Alameda. 1-story 4-room dwelling.
Owner—A. J. Handerkin, Alameda.
Architect—None.
Contractor—C. L. Hewitt, 8821 E-14th St., Oakland. $3000

ADDITION
(2899) 1438 WALNUT ST., Alameda. Addition.
Owner—C. J. Smith, premises.
Architect—None.
Contractor—A. Bragg, 1608 Walnut St., Alameda. $3000

ALTERATION
(2900) 1121 MORTON ST., Alameda. Alteration.
Owner—Arnold Hooper, 521 Broadfoor Blvd., San Leandro.
Architect—None.
Contractor—John Peacock, 2512 Chester St., Alameda $2032

ADDITION
(2901) 2033 SANTA CLARA, Alameda. Addition.
Owner—H. C. Townsend, 2117 San Antonio Ave., Alameda.
Orchitect—None. $2000

DWELLINGS
(2902) 1121 1125 HIGH ST, Alameda. 2 1-story 5-room dwellings.
Owner—Riechel & Biedhoff, 2509 Clement St., Alameda.
Architect—None.
Contractor—M. H. Fish, 1333 Fountain St., Alameda. $3300 ea

DWELLING
(2903) 2621 CALHOUN ST, Alameda. 1-story 5-room dwelling.
Owner—G. H. Noble, Park and Central, Alameda.
Architect—None. $3000

DWELLING
(2904) 2911 ACTON, Berkeley. 1-story 5-room dwelling.
Owner—Chas A. Werner, 2416 10th St., Berkeley.
Architect—None. $2000

DWELLING
(2905) 844 OXFORD ST., Berkeley. 2-story 6-room dwelling.
Owner—A. H. Pallen, 686 61st St., Oakland.
Architect—None. $5500

DWELLING
(2906) 963 APGAR ST., Oakland. 1-story 5-room dwellling.
Owner—S. Aissa, Oakland.
Architect—None.
Contractor—J. Lehman, 959 Apgar St., Oakland $3000

FLATS
(2907) E RAND AVE 240 S Mandana Blvd., Oakland. 2-story 8-room flats
Owner — Mrs. Augusta Wanske, 770 Rand Ave., Oakland.
Architect—None.
Contractor—J. F. Meyer, 846 Allston Way, Berkeley. $6875

DWELLING
(2908) NW COR FRUITVALE AVE & Tiffin Rd., Oakland. 1-story 5-rm. dwelling.
Owner—J. A. Silva, 4081 Fruitvale Ave. Oakland.
Architect—None.
Contractor—W. E. Hostller, 4081 Fruitvale Ave., Oakland. $2800

DWELLING
(2909) 6138 ROCKRIDGE BLVD, Oakland. 1-story 6-room dwelling.
Owner—C. J. Pfrang, 480 Forest St., Oakland.
Architect—None. $5000

ADDITION
(2910) 5126 SHATTUCK AVE., Oakland. Addition.
Owner—A. Reboll, 5130 Shattuck Ave., Oakland.
Architect—None.
Contractor—D. Ucello, 434 Avon St., Oakland. $1800

DWELLING
(2911) E SIXTY-SEVENTH AVE. 150 S Avenal, Oakland. 1-story 4-room brick dwelling.
Owner—A. B. MacMurty, 6208 Manila Ave., Oakland.
Architect—None. $2700

DWELLING
(2912) W AUSEON AVE. 95 N Holly St., Oakland. 1-story 5-room dwlg.
Owner—Chester S. Nichols, 2048 5th Ave Oakland.
Architect—None. $3000

GREENHOUSE
(2913) 2236 NINETY-SIXTH AVE., Oakland.
Owner—Matsue Minomi, premises.
Architect—None. $1000

DWELLINGS
(2914) 615 619 SIXTY-SECOND ST., and No. 616 POITIER ST., Oakland 3 1-story 5-room dwellings.
Owner—Hufschmidt & Whalen, Federal Bldg., Oakland.
Architect—None. $3950 each

DWELLING
(2915) NO. 6215 AVENAL AVE., Oakland. One-story 5-room dwlg.
Owner—L. Smith, 1845 38th Ave., Oakland.
Architect—None.
Contractor — E. Campomenosl, 5238 Lawton Ave., Oakland. $3825

GREENHOUSES
(2916) NO. 7460 KRAUSE ST., Oakland. Two one-story greenhouses.
Owner—B. Y. Oishi, 4020 Brookdale St., Oakland.
Architect—None.
Contractor—Y. Yoshishi, 260 8th St., Oakland. $1750 each

EXCAVATING.
(2917) NE. COR. 22ND AND ADELINE Sts., N. 250, E. 127, S. 36.6, E. 127, S. 213.6, W. 254. Excavating for 3-story warehouse.
Owner—John Breuner Co., 5th and Clay Sts., Oakland.
Architect—Reed & Corlett,, Oakland Bank of Savings Bldg., Oakland.
Contractor—Ariss-Knapp, 961 41st St., Piedmont.
Filed June 20, '23. Dated June 16, '23.
10th of each month 75%
Usual 35 days after completed and accepted 25%
TOTAL COST $1500
Bond, $750; Sureties, Fidelity & Deposit Co.; Forfeit, none; Limit, 60 days. Plans and specifications filed.

WAREHOUSE
(2918) N SIXTH ST. 130 W Webster St., Oakland. 3-story conc. warehouse.
Owner—Salvation Army, 6th and Webster Sts., Oakland.
Architect—None.
Contractor—M. I. Diggs, East Bay Market, Oakland. $27,000

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Amount

June 14, 1923—LOT 25 BLK "K" Map Foothill Park, Oakland. Ethel Schleason to whom it may concern .....June 9, 1923
June 14, 1923—S ROSE 50 W Oxford W 44-7 S 80 E 22-7 N 18 E 22 N 62, Berkeley. Roy J Young and Mrs. Ida B Connell to D T Blethroad.. .....June 12, 1923
June 14, 1923—N DERBY 125 — Fulton E 37.50xN 135, Berkeley. Jas W Brazier to whom it may concern .....June 11, 1923
June 14, 1923—LOT 28 BLK 2, Map Oak Lawn Tract, Oakland. Pearl T Gray to John Vaughn.May 25, 1923
Juna 14, 1923—LOT 36 BLK 843 Map Grand Ave Terrace, Oakland. A W Clevenger to California Builders Co.....June 13, 1923
June 14, 1923—LOT 11 Map East Fruitvale Tract, Oakland. G. H. S. Harding to N E Clarke..June 2, 1923
June 14, 1923—LOT 26 BLK 3 and Lot 27 Blk 3, San Leandro. S Victor Davidow to R E Neikerk..... .....June 13, 1923
June 16, 1923—NW 10 LOT 30 and SE 30 Lot 29 College Court Tract, Oakland. E R Blabon to whom it may concern.....June 15, 1923
June 16, 1923—LOT 26 Map Ardley's Heights, Oakland. Sara J Fish to L C Fish.....June 1, 1923
June 16, 1923—LOTS 38 AND 39 BLK "N" Map Fruitvale Blvd Tract, Oakland. Howard Schroder to who mit may concern...June 6, 1923
June 16, 1923—LOT 8 BIK "B" Map Orland Heights, Oakland. J A Lidell to whom it may concern..... .....June 15, 1923
June 16, 1923—LOT 20 BLK 16, Thousand Oaka Tract. Berkeley. Hazel Fay Harvey to C C Welling .....June 11, 1923
June 16, 1923—SE 20 LOT 18 and NW 20 Lot 19 Blk 21, Map Boulevard Park, Oakland Alice and John N Reilly to J B Petersen..May 22, 1923
June 16, 1923—LOT 31 BLK 13, W. H. Leimert & Co Map Lakeshore Highlands. B W Hammond to S G Johnson .....June 15, 1923
June 15, 1923—PTN LOTS 1 AND 2 Blk 19, Map McGee Tct, Berkeley. George L Nibel to whom it may concern.....June 14, 1923
June 15, 1923—DOYLE ST., 62nd St., to Ocean Ave., Emeryville. S P Co to Hutchinson Co.....June 5, 1923

June 15, 1923—TWENTIETH AND Franklin, 19th and Curtis Sts., 46th Ave and E-14th, Oakland. S P Co to Hutchinson Co.....June 11, 1923

June 15, 1923—SEVENTH ST., Fallon to Bay St., Webster St., 7th to 1st Sts., Oakland. S P Co to Hutchinson Co.....June 5, 1923

June 15, 1923—NO. 6307 ROCKRIDGE Blvd., Oakland. Ada Martin Moore to whom it may concern.....June 15, 1923

June 16, 1923—NO. 574 EXCELSIOR Ave, Oakland. Oscar J W and Audrey A Burg to C F Stolte.....June 10, 1923

June 15, 1923—NW HOWE & JOHN N 115xW 35, Oakland. Marguerite F Llerman to Joe Boeddeker.....June 2, 1923

June 15, 1923—W WALSWORTH AVE 35 N Fairmount Ave., Oakland. B H Stevens to California Builders.....June 14, 1923

June 15, 1923—SW E-TWENTY-seventh 740.7 SE 13th Ave SE 35x SW 140, Oakland. William Caplis to Thomas P Bolger....June —, 1923

June 15, 1923—SE THOMAS & NAPA S 50xE 100, Oakland. Irving S Leonard to Carl C Larsen. June 14, '23

June 15, 1923—LOT 15 BLK 8, Matthews Tract, Berkeley. Alma E Turner to whom it may concern.....June 15, 1923

June 14, 1923—E 107TH AVE 460 S E-14th 40x98, Oakland. F H Brown to whom it may concern..June 12, '23

June 18, 1923—NO. 2227 FOURteenth Ave, Oakland. Edwin W Dahl to whom it may concern.....June 18, 1923

June 18, 1923—NO. 1333 E-TWENTY-third, Oakland. Edwin W Dahl to whom it may concern..June 18, 1923

June 18, 1923—LOT 3 Map Santa Fe Tract No. 8, Oakland. Olga W Hammarsten to J W Jespersen.....June 14, 1923

June 18, 1922—LOT 18 Shaw Tract Blks 4, 5 and 7, 8 and 9, Berkeley. Adeline B Croyland to Herman K and George H Fox.....June 16, 1923

June 18, 1923—LOT 11 and W 25 Lot 10, The Oaks Tract, Piedmont. Fred E Starr to Chester A Gossett.....June 12, 1923

June 18, 1923—W BENVENUE AVE 162.34 S Dwight Way S 50xW 159.48, Berkeley. Susan S Vernier to Herbert L Hawkins.....—

June 18, 1923—W FILBERT bet. 1st and 3rd, Oakland. California Packing Corp to W G McGinty & Sons.....May 14, 1923

June 19, 1923—LOT 6 Map Loop Tract Oakland. August and Mary Vlerick to whom it may concern. June 18, 1923

June 19, 1923—LOT 31 BLK 34 Amended Map Fairmont Park, Albany. Clarence A Coyle to H Elmer Johnson.....June 16, 1923

June 19, 1923—COUNTY ROAD from Hayward to Mission San Jose abt. 2½ miles S Hayward. Patrick McDonnell to Gotham & Crego.....June 15, 1923

June 19, 1923—LOT 22 BLK 'B' Central Terrace, Oakland. J Franklin White to C F Lodge....June 18, 1923

June 19, 1923—SE BLVD. 375 NE Twelfth NE 100 SE 160.49 SW 81.18 NW 158.19, Oakland. Fourth Church of Christ Scientist in Oakland to E C Gordon, A J Hillam. Ideal Heating Co, Kenyon Electric Co, Mission Concrete Co, Wade miller and J R McMahon.....June 15, 1923

June 18, 1923—E CHAMPION 76 S Pleasant S 38xE 123.19, Oakland. Mrs. Loretta I Smith to E T Matteson.....June 18, 1923

June 18, 1923—SE FRUITVALE AND Brookdale Aves, Oakland. Newton A Blodgett to Builders & Owners Invst Co.....June 16, 1923

June 20, 1923—LOT 4 BLK 8 MAP Melrose Heights, Oakland. Tina Scheiding Webster & Charlea Webster to R. C. Hillen....June 12, 1923

June 20, 1923—3906 CANON AVE., Oakland. R. J. Collins to A. J. Yerrick.....June 9, 1923

June 20, 1923—E WOODRUFF 175 N E-38th St., Oakland. W. H. Landgrebe to whom it may concern.....June 15, 1923

June 20, 1923—NE PTN LOT 34 Sheet 2 Nova Piedmont, Piedmont. W. J. Baker to whom it may concern.....June 20, 1923

June 20, 1923—NW COR. THIRTY-eighth and Penniman Aves., Oakland. Walter G. Sayers to Thomas Webb .....May 10, 1923

June 20, 1923—E WOODRUFF AVE 67½ S Hopkins St. S 37½ E 80 Oakland. R. L. Kimball to W. E. Adkisson.....June 18, 1923

June 20, 1923—U C GROUNDS, Berkeley. Regents of U C to Turner Co.....June 12, 1923

June 19, 1923—LOT 105 MAP SANTA Fe Tract, Oakland. J. W. Winton to S. W. Jones .....May 28, 1923

LIENS FILED

ALAMEDA COUNTY

Recorded Accepted

June 15, 1923—W 40 LOT 11 BLK "R" Revised Map Oakland Heights, Oakland. International Sales Cptn vs S B W and Edna M Johnston and C. P. Simonton $106.87

June 14, 1923—LOT 14 BLK 1, Map Lakemont, Oakland. Al M Fearey Co vs C C Williams and John Doe Billings.....$411.70

June 15, 1923—LOT 7 BLK 4, Map 4th Ave Heights, Oakland. International Sales Cptn vs J E McGowan and C P Simonton.....$106.85

June 15, 1923—NE E-EIGHTEENTH and SE Park Blvd SE 165 NE 100, Oakland. Maxwell Hardware Co., $1422.27; Downey Glass & Paint Co, $76.25 vs D P Kalitsas.....

June 15, 1923—LOT 1 BLK "M" Map Excelsior Heights, Oakland. International Sales Cptn vs Frank & Lena Lawrence and C P Simonton.....$106.87

June 16, 1923—NE SEVENTY-SECond Ave and Vicent Lane, Oakland. Zenith Mill & Lumber Co vs W H Chaplin.....$127.77

June 16, 1923—E 23.33 LOT 28 and W 13.33 Lot 27 Blk 125, Kellersbergers Map of Oakland. Oakland Lime & Cement Co vs Charles Meyers & E H Graham.....$62.30

June 16, 1923—E 23.33 LOT 28 and W 13.33 Lot 27 Blk 125, Kellersbergers Map of Oakland. H C Swanson Co vs Charles Meyers and McClintick & Nash.....$100.44

June 16, 1923—E 23.33 LOT 28 and W 13.33 Lot 27 Kellersbergers Map of Oakland. M Friedman & Co vs Charles Myers and C H Graham.....$77.72

June 16, 1923—NW FIFTY-FIRST & Telegraph Ave W 78.8 N 50 E 92.6 S 51.87, Oakland. A L Auseon vs E M Smith and J Mitchell.....$2600

June 16, 1923—SE THIRTY-NINTH Ave and NE E-Fourteenth NE 75x SE 60, Oakland. A L Auseon vs E M Smith and Louise Stengel..$2600

June 19, 1923—LOTS 17, 18, 19 AND 20 Blk 34 Map Resbdvn Smith's Subdivision Mathew's Tract, Berkeley. Waddell Lumber Co vs R H Wells, Fred A and Ray Smith. $141.32

BUILDING CONTRACTS

SACRAMENTO COUNTY

$2,500 and Over Reported

BUILDING, $18,290; Eleventh and W Sts., Sacramento; owner, Erneat Williams, 1616 11th Ave., Sacramento; contractor, Paul Opdyke, 1017 7th Ave., Sacramento. Recorded, June 15, 1923.

PIERCE-BOSQUIT
Abstract & Title Co.
Capital Stock $100,000
Sacramento, Placerville, Nevada City, Reno
SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

DWELLING, one-story 5-room and garage, $3000; No. 3341 First Ave., Sacramento; owner, E. B. Livermore, 5340 2nd Ave., Sacramento; contractor, W. T. Martin, 3430 43rd St., Sacramento.

DWELLING, two-story 6-room and garage, $5000; No. 425 41st St., Sacramento; owner, W. F Schwartz, 1032 47th St., Sacramento.

DWELLING, one-story 6-room, $3500; No. 1973 36th St., Sacramento; owner, S. L. Christe, 600 15th St., Sacramento.

FLAT building, 2-story, $9000; No. 113 U St., Sacramento; owner, J. Machado, 1815 X St., Sacramento.

ALTER store, $3000; No. 1408 N St., Sacramento; owner, M. J. Scanlan. Premises; contractor, A. Carlaw, 10th and R Sts., Sacramento.

DWELLING, 1-story 5-room, and garage, $7500; 2773 5th Ave., Sacramento; owner, E. C. Jackson, 1570 30th St., Sacramento; contractor, C. H. Chatterton, 2426 F St., Sacramento.

FOUNDATION for gas tank, $5263; gas plant S & Front Sts., Sacramento; owner, Pacific Gas & Elec. Co., 11th and K Sts., Sacramento; contractor Jenkins & Elton, Sacramento; recd June 14.

REMODEL office building, $65,000; 919 10th St., Sacramento; owner, A. H. Lamb, Mull Bldg., Sacramento; contractor, Herndon & Finnegan, 1814 17th St., Sacramento. H. Tweed, Oakland.

DWELLING, 1-story 5-room, $4000; 3967 H St., Sacramento; owner, E. W. Norman, 874 Mission Way, Sacramento; contractor, C. H. Chatterton, 2426 F St., Sacramento.

DWELLING, 1-story 4-room, and garage, $2750; owner, W. E. Sturdevant, 1415 7th St., Sacramento.

DWELLING, 1-story 5-room, and garage, $3000; 2400 X St., Sacramento; owner, Alpine Constr. Co., Box 922, Sacramento.

DWELLINGS, (2) 1-story 5-room, $2735 each; 2632 2640 41st St., Sacramento owner, Wright & Kimbrough, 817 J St., Sacramento; contractor, H. G. Birdsall, 1513 13th St., Sacramento.

DWELLING, 1-story 5-room, and garage, $2750; 2624 31st St., Sacramento; owner, Wright & Kimbrough, 817 J St., Sacramento; contractor, H. G. Birdsall, 1513 13th St., Sacramento.

DWELLING, 1-story 5-room, and garage, $4100; 5423 Folsom Ave., Sacramento; owner, A. Farrio, Sacramento; contractor, J. A. Saunders, 2810 I St., Sacramento.

DWELLING, 1-story 5-room, and garage, $2450; 1921 16th St., Sacramento; owner, Harrigan & Greer, 708 J St., Sacramento; contractor, H. G. Birdsall, 1513 13th St., Sacramento.

FLATS, 2-story frame, $12,500; 2817 I St., Sacramento; owner, J. T. Ransdall, 1055 41st St., Sacramento.

FLATS, 2-story frame, $12,500; 2821 I St., Sacramento; owner, B. Harr, 2831 I St., Sacramento; contractor, J. T. Ransdall, 1055 41st St., Sacramento.

DWELLING, one-story 5-room, $3000; No. 6048 12th St., Sacramento; owner, L. D. Jenison, 3438 4th Ave., Sacramento; contractor, W. T. Martin, 3430 43rd St., Sacramento.

HOSPITAL, four-story 125-room reinforced concrete, $305,000; No. 4001 J St., Sacramento; owner, Catholic Bishop, 12th and K Sts., Sacramento; contractor, W. C. Keating, 925 Forum Bldg., Sacramento.

DWELLING, two-story 7-room and garage, $4200; No. 400 Sherman Way, Sacramento; owner, F. F. Black, 3118 S St., Sacramento.

DWELLING, one-story 5-room and garage; No. 4323 U St., Sacramento; owner, G. P. Beere, 620 J St., Sacramento; contractor, T. B. Hunt, 2926 S St., Sacramento.

SCHOOL (private) 3-story reinforced concrete, $125,000; 1109 25th St., Sacramento; owner, Catholic Bishop, 12th & K Sts., Sacramento; contractor, W. C. Keating, Forum Bldg., Sacramento.

GLASS

Plate Glass

Window Glass

Ornamental Glass

Mirrors

Beveling

Polishing

Silvering

A few products manufactured by W. P. Fuller & Co.

Outside and Inside House Paints
Rubber Cement Floor Paint
Concreta
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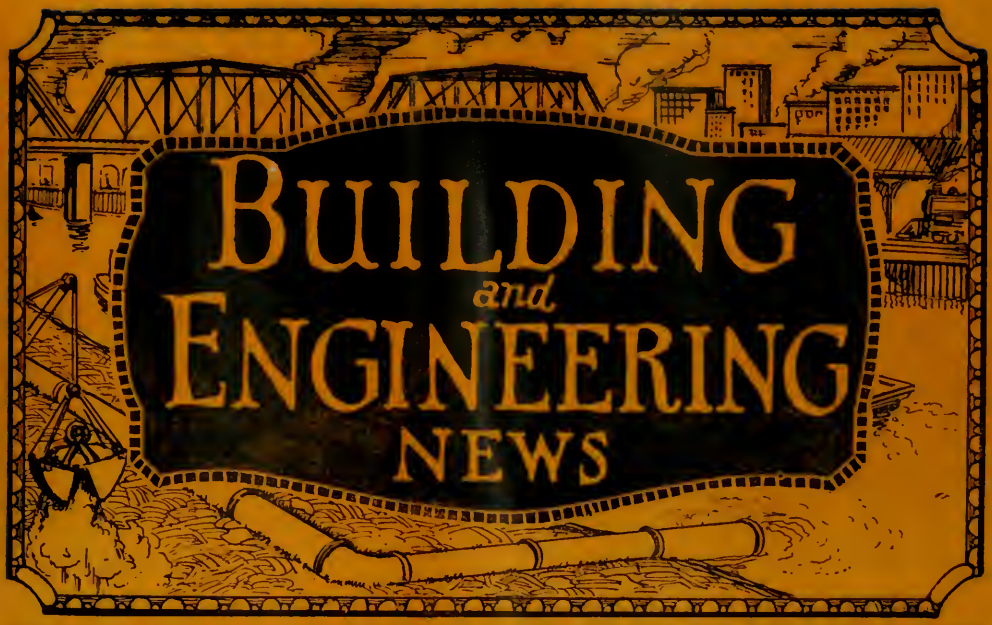

Publication Office
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SAN FRANCISCO, CALIF., JUNE 30, 1923

Published Every Saturday
Twenty-third Year No. 26

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Permanence
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Warehouses
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Appearance
Comfort

Board

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KOEHRING

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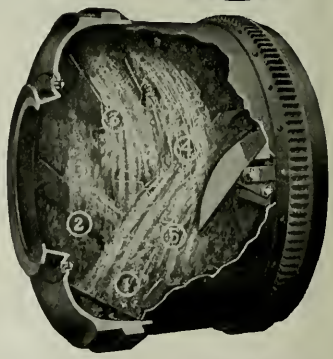

(1) Blade cuts through materials with churning action. (2) Blade carries materials up, spilling down again against motion of drum. (3) Materials hurled across diameter of drum. (4) Materials elevated to drum top and cascaded down to reversed discharge chute which (5), with scattering, spraying action, showers materials back to charging side for repeated trips through mixing process.

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San Francisco Los Angeles

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

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LUMBER EXPORTS IN APRIL SHOW INCREASE

Exports of wood and manufactures of wood in April amounted to $12,035,218, as compared with $10,690,681 in March, and $8,577,097 in April, 1922, according to the figures compiled by the lumber division of the Department of Commerce. Exports of logs and round timber included 2,214,000 board feet of hardwoods, 752,000 Southern yellow pine, 3,371,000 Douglas fir, and 3,751,000 cedar. Hewn or sawed timber included 153,000 board feet of oak, 19,713,000 Southern yellow pine, 18,636,000 Douglas fir, and 2,107,000 cedar. During the month 205,525 railroad ties were exported, 64,664 being hardwood and 140,861 softwood.

Board, planks and scantlings were sent abroad in April on the extent of 150,630,000 board feet. The important softwoods were Southern yellow pine, 57,517,000 feet; Douglas fir, 36,993,000; redwood, 5,125,000; Western hemlock, 4,694,000; white pine, 2,083,000; spruce, 1,316,000, and cypress, 1,192,000. The principal hardwoods were oak, 15,598,000 feet; ash, 7,573,000, this being an unusual monthly figure for ash; gum, 5,923,000; poplar, 1,995,000; and chestnut, 1,048,000.

The countries taking the largest quantities of Southern yellow pine lumber in April were: River Plate, 21,528,000 feet; Cuba, 12,240,000; United Kingdom, 4,413,000; Mexico, 3,906,000, and Canada, 3,374,000.

SIMPLIFICATION OF HOLLOW TILE IS SOUGHT

At a meeting held June 19, 1923, at the Department of Commerce, the Standards Committee of the Hollow Building Tile Association reported to the Department's Division of Simplified Practice, the results of a survey which the Association had made of existing varieties in types, sizes, and weights of hollow building tile.

The survey showed 36 different sizes—each made in a wide variety of weights. The Committee recommended the elimination of 23 of the 36 sizes, and the retention of 13 as "standards" for the industry. A standard weight, with a permissible variation of 5 per cent over or under the standard weight, was also recommended for each of the 13 sizes retained.

The Committee requested the Department of Commerce, through its Division of Simplified Practice, to call a general conference next October of manufacturers, architects, engineers, contractors, and builders to discuss the general adoption and use of the recommended standard sizes and weights.

Those present at the recent meeting were: E. R. Sturtevant, Fraser Brick Co., Dallas, Tex.; H. R. Straight, Adel Clay Products Co., Adel, Iowa; H. C. Downer, Malvern Fire Clay Co., Malvern, Ohio; P. H. Bevier, National Fire Proofing Co., New York; C. W. Dixon, Columbus Brick & Tile Co., Columbus, Ga.; F. J. Huse, Research Engineer for the Association, Chicago, Ill.; E. W. McCullough, Mgr., Fabricated Production Department, Chamber of Commerce of United States, Washington, D. C.; Ray M. Hudson, Division of Simplified Practice, Department of Commerce.

"This is another decided step forward in the Hoover plan to reduce the cost of building construction through the elimination of waste in industry," Ray M. Hudson, the Commerce Department's representative declared as the session closed.

BUILDING FEES ARE LOW IN CALIFORNIA

The low cost of financing building in California, because of the moderate fees charged by building and loan companies as compared with institutions in same states of the Union, is pointed out in a statement issued by George S. Walker, Building & Loan Commissioner of the State of California.

"Ninety per cent of the building and loan companies charge no fee whatever other than the regular expense charge for title insurance or abstract, recording fee, stamps, etc.," said Walker.

"Of the remaining 10 per cent not over 3 per cent charge more than 1 per cent and none over 2 per cent, and this 2 per cent is, in fact, a fee charged by an agent who recommends a loan.

'A 2 per cent fee, such as is collected by agents representing not over three building and loan companies in California, would, on a $10,000 loan, amount to $200 only, and no part of such fee goes to the building and loan company; and the borrower could, if he so desired, apply direct to the company and escape this agent's fee.

"Any building and loan company in California found to be collecting fees for loans would lose its license to do business in this State."

RAILROAD COMMISSION ASKS CEMENT RATES

The Railroad Commission has ordered the Southern Pacific Company, Central California Traction Company, Sacramento Northern Railroad Company, Atchison Topeka and Santa Fe Railway Company, Bay Point & Clayton Railroad Company, California Central Railroad Company, Cement, Tolenas & Tidewater Railroad Company and Western Pacific Railroad Company to file within sixty days for the approval of the Commission a proposed adjustment of rates for the transportation of cement from cement plants at Davenport and San Juan, and Cement and Cowell to Sacramento and points north and east thereof, which will establish at Sacramento a differential between the two groups of cement mills, northern and southern, of $1.20 per ton, the same to be narrowed with the increase in distance so as gradually to blend and harmonize with the intersate adjustment in effect at Oregon and Nevada points.

The decision of the Commission was rendered in consolidated proceedinga in the matter of the petition of Pacific Portland Cement Company for an order instituting an investigation of alleged discriminatory rates, and suspending the same pending investigation by the Commission. Testimony was offered during the Commission's investigation indicating that a rate handicap of $1.50, while probably not sufficient to entirely eliminate the southern mills from the Sacramento Valley markets, has a tendency to put the control of that territory in the hands of the northern mills.

SPECIFICATIONS FOR WOOD BLOCK PAVING

The new sections added to the specifications for wood block street paving and flooring, which have for some time been up before the American Wood preservers' Association, and which have now been adopted as standard, are of general interest to contractors. Bituminous mastic cushion consisting of 10 per cent bitumen, either coal tar or asphaltic oil, and 90 per cent of clean, dry, screened sand may be used instead of a cement mortar cushion. This must be spread on the floor a day in advance of the laying of the blocks. A maintenance clause calls for inspection each summer and a surface treatment of light tar (¼ to ½ gal.) and sand when the pavement shows signs of shrinkage or open joints.

HIGHWAY BODY ORGANIZED

Organization of the Dipsea Highway Association to promote the Dipsea Highway, leading from Sacramento to the ocean, was effected June 23, at a meeting at Stinson Beach, Marin County, attended by sixty Sacramentans, who made the trip to the ocean resort under the auspices of the Sacramento Chamber of Commerce.

Placing of signs along the highway, its designation on State maps as the Dipsea Highway, routing of tourist travel over the road and advertisement of its scenic beauties to Californians will be the object of the association.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

Gladding, McBean & Co. of San Francisco have purchased a controlling interest in Tropico Potteries, Inc., of Los Angeles, it is announced by President B. M. Watkyns, of the latter corporation. The deal is said to have involved more than $500,000. The Tropico Potteries, Inc., property at Glendale is valued at more than $1,000,000. Gladding, McBean & Company have been the leading clay products manufacturers on the Pacific Coast for 49 years. With the passing of the Glendale plant into their hands they will be in a position to greatly enlarge their field of activity and render even better service in the southern part of the state than has heretofore been possible. Tropico Potteries, Inc., will continue to be operated as an independent corporation, maintaining its policy of expansion and development and will continue to make the same line of products—architectural terra cotta, vitrified clay sewer pipe and faïence tile.

Aug. 25 to Sept. 8, inclusive, have been named as the dates for the Seattle electric home and electric show, according to W. E. Jones, president of the Electric club of Seattle, who announces that plans are being formulated for the erection and completion of the electric home and for the demonstration in conjunction with the home. The show will be under the auspices of the Electric club of Seattle, which organization includes 150 men in the electrical industry.

The Pacific Gas & Electric Co., has between 600 and 700 men at work in the Fall River Mills section of Shasta county where the company is building a twelve mile railroad from Cayton on its Bartle-Pit No. 1 to Pit No. 3 camp. Eight miles of the road is graded and five miles of steel has been laid. The last four miles of the railroad, from the dam site to the power house, will be a scenic line winding along the Pit through a canyon gorge.

The plant of the Richmond Pressed Brick Company at Richmond is to double its capacity, according to an announcement of the Richmond Industrial Commission, which functions as a Chamber of Commerce. Plans of the company to increase its output 100% have been backed by the purchase of 46 acres of adjoining land. The company has been working 35 brick moulders and will increase this to 70 when plant additions are completed.

The improvement in the exportation of American iron and steel products observed for March continued during April, when 179,159 long tons were shipped abroad. This compares favorably with the totals for the previous months of 1923, which were: January, 124,444 tons; February, 135,182 tons; March, 165,624 tons. Large shipments of spiegeleisen to Belgium were a feature of the April trade.

An agreement harmonizing differences between the Bricklayers and Masons' International Union, and the Operative Plasterers and Cement Finishers' International Union, was signed in Chicago June 22 at a conference of the executive boards of the two organizations called and presided over by President Samuel Gompers, of the American Federation of Labor.

All public officials, state, city, county and district, will be compelled by Senate Bill No. 580, signed by Governor Richardson, to keep and file a verified statement of the actual cost of public work done by day labor or force account. The bill also requires that where bids are asked, the officials must set forth in a statement of costs the name of the bidder, the price bid and a statement as to what the work actually costs under the day labor plan.

Suit for $20,625 against the All-In-One Plumbing Fixture Corporation of Sacramento has been filed by A. Arnold, who bases the action on alleged failure of the concern to repay certain sums advanced at various times, some of the money for stock never delivered to him. In addition to the judgment of $20,625, Arnold asks interest at 7 per cent on the various sums advanced by him.

Prospective changes in the Reclamation Service will be confined almost entirely to organization and there will be few transfers among the personnel, Secretary Work declared in explaining changes to be made on July 1. "We are going to put this branch of the Interior Department on a business basis," the Secretary declared.

The first annual picnic of the Fresno branch of the W. P. Fuller Company was held June 24 in Riverview Park, Fresno County. About 60 of the employees and their families attended. The picnic was held under the direction of Mr. and Mrs. Warren B. Freeman, Saidee E. Mariner and Ella Paulsen. A closely contested baseball game between the paint men and the glass men was one of the features of the celebration.

The Standard Sanitary Manufacturing Company announces the opening of a branch in Santa Barbara, with F. M. Gabbert as manager. Three new men, Philip Gray, L. R. Stroud and C. P. Smith, have been added to the promotion department of the Los Angeles office of the company.

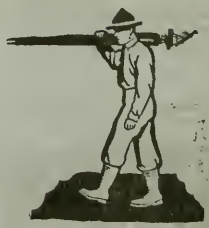
The City of Beverly Hills has asked the Railroad Commission to fix the valuation of the Beverly Hills Utilities Company, with the view to determining the compensation to be paid by the municipality for the acquisition of the plant and property of that company.

The Oregon Short Line Railroad has been authorized by the Interstate Commerce Commission to proceed with the construction of a short line branch at Nampa, Ida. The new line will enable the railroad to route its trains directly through Nampa to Boise.

The New York bricklayers' strike, which retarded building involving $175,000,000 ended June 20 when the masons builders association yielded to the unnons' demand for a wage of $12 a day on a two-year agreement.

A special meeting of stockholders of the Kirby Lumber Company has been called for July 5 in Houston, Tex., to authorize an issue of $11,550,000 fifteen-year 6 per cent mortgage bonds to retire outstanding preferred stock.

ALONG THE LINE



H. N. Savage, who has been hydraulic engineer of the city of San Diego since 1917, has been deposed by City Manager of Operations F. A. Rhodes, and the city council has passed an ordinance repealing the ordinance creating the position of hydraulic engineer. By vote of the people at a recent election the water commission of San Diego was abolished and the water department was placed under the jurisdiction of the city manager. Mr. Rhodes gave as the reason for his action the failure of the hydraulic engineer to comply with orders from the department. Moreover, he has informed the city council that $18,000 a year will be saved to the city by elimination of the hydraulic engineer's office. Mayor John L. Bacon has protested to the city council against the dismissal of Savage, declaring that the best interests of the city demand his retention. John Ripley Freeman, noted hydraulic engineer of Providence, R. I., has been retained by the city council to advise regarding the development of water supply in the San Diego river.

Under a new law, James Allen became State Highway Engineer of Washington instead of supervisor of highways, and his department became independent of the State Department of Public Works, to which he was attached by the administrative code. During the ten years he has been in charge of state highway work, Mr. Allen has distributed more than $40,000,000 of state, federal aid, county and permanent highway funds. He also has prepared plans for heavy expenditures by the forestry bureau.

Announcement is made that the Western Sheet Glass Co., headed by Adolph Sieroty, and capitalized at $1,000,000, has taken over the plant of the Torrance Glass Co. of Torrance, Calif. It is stated the new owners will spend a million dollars enlarging and improving the plant and that plate, wire and art glass will be manufactured in addition to sheet glass. Associated with Sieroty in the new enterprise are A. Asher, R. H. Raphael and Charles Bisby.

Chas. E. Ashburner of Norfolk, Virginia, has been named city manager of Stockton, Calif., at a salary of $20,000 a year. Ashburner has been city manager of Norfolk since 1908 and will assume his duties in Stockton about September 1. Ashburner comes to Stockton on a five-year contract.

Oakland City Council contemplates election to vote bonds to finance harbor improvements. Preliminary plans prepared by City Harbor Engineer Ralph Beebee provide for considerable dredging and fill in addition to erecting a series of piers to be 500-feet long with a space of 225 feet between each.

Ross L. Calfee of Richmond has been named engineer for the recently organized Mt. View Sanitary District in Contra Costa County.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

P. M. SANFORD AGAIN HEADS RICHMOND EXCHANGE

P. M. Sanford was re-elected to the third consecutive term as president of the Contra Costa County Builders' Exchange with headquarters in Richmond. The election was held June 22.

The following directors were elected: Al Hill, P. M. Sanford, James Walker, F. A. Mero, J. I. Collins, E. H. Higgins and B. J. Ballantyne.

Officers elected follow: P. M. Sanford, president; E. H. Higgins, first vice president; B. J. Ballantyne, second vice president; and James Walker, treasurer. L. C. Dexter was reappointed secretary.

The meeting was the largest the Exchange has held this year, and was followed by a banquet, spread by a committee composed of E. H. Higgins, B. J. Ballantyne and M. A. Hayes.

By unanimous vote the exchange voted to take an active part in the Fourth of July celebration to be held in Richmond, by agreeing to have the body represented in the booster parade to be held June 28. A committee was named to secure banners to be displayed on the machines. This committee consisted of: E. H. Higgins, George Edwards, James Walker, W. J. Richards Jr., and H. E. Bettenger.

To arrange for a float, a committee composed of C. Pedersen, Chris Theis, George Ingram, R. D. Noble and L. De Gregorio was named.

Several applications for membership were received. At almost every meeting new applications are received, and the Exchange is growing with remarkable speed.

In a short address before his reelection, President Sanford expressed his appreciation and thanks for the hearty co-operation he had received from both the directors and members, and told of the excellent progress made in every direction during the past year.

APPRENTICE SETTLEMENT IS REACHED

Because of the growing shortage of mechanics in Boston, representatives of Sheet Metal Workers' Union 17 and the Master Sheet Metal and Roofers' Association have signed an agreement which solves a problem of long standing as regards apprentices in the sheet metal trades. A joint committee of four members, two from the employers' association and two from Local 17, is to have full control of all matters pertaining to apprentices. The committee will issue all apprenticeship cards and will meet at least once a month. The age limit is set at 25 years and each apprentice shall be entitled to a journeyman's card at the end of four years if he has passed the regular examination. Apprentices must attend a trade school as directed by the joint committee, and will be paid on a graduated scale, based on a 44-hour week, ranging from $15 for the first six months to $35 for the eighth six months.

Each employer will have the right to employ one apprentice for every five journeymen, the total number of apprentices under any one employer not to exceed fifteen. The settlement will do much to remedy the shortage of mechanics in the trades involved and may lead to other settlement of a similar nature.

S. F. ENGINEER SETS FORTH CODE OF ETHICS

In an effort to further good relations between the professional conduct of the American engineer and the general public, E. E. Carpenter, chairman of the national practice committee and director of the San Francisco Chapter of the American Association of Engineers, has offered a number of suggestions to the engineers in an article published in the June issue of the official publication of the association.

The principles of professional conduct written by Mr. Carpenter include the following:

He should not use his professional standing as a means of sponsoring or promoting commercial or other undertakings of a speculative character.

He should scrupulously avoid connection, by act or omission, with any illegal or questionable undertaking or participation in any enterprise inimical to the public welfare.

He should not advertise in self-laudatory language or in any other manner derogatory to the dignity of his profession.

He should avoid any publicity giving the impression that technical service in technical matters can be dispensed with; or that technical proficiency along any line is easy of acquisition; or that exaggerated returns may be expected from any limited course of technical instruction.

He should avoid any questionable statements or any statements couched in language that would convey a false impression, in any of his reports, advertisements or articles.

When retained to report on any property or project, he should not accept as compensation any stock or other interest in the property or project, or any other contingent fee which could in any way consciously or unconsciously influence the nature of his report and its conclusions.

He should avoid entering into any private combination which would restrict free individual competition for professional employment.

He should refain from using any improper or questionable methods of soliciting professional work.

He should participate in clean politics and should strive to be a force to assist in the cleansing of politics.

He should take an active interest in the public welfare, in behalf of which he should ever stand ready to volunteer his special knowledge, skill and training for the use and benefit of mankind.

GLENDALE BUILDERS ELECT

The Builders' Exchange of Glendale, with headquarters at 113 North Maryland avenue, Glendale, has elected the following directors: Clarence O. Smith, representing general contractors; W. J. Curren, representing highway and cement contractors; Robert T. Philip, plumbing and heating contractors; J. A. Light, roofing contractors; Carroll L. Hare, painting contractors; R. A. Crossland, representing miscellaneous classification of members. H. G. Yale is president of the exchange; Pete L. Ferry, vice-president; J. C. May, treasurer; Henry Molz, secretary-manager.

The Department of Commerce announces May sales of fabricated structural steel, based on figures received by the Bureau of Census in co-operation with the Structural Steel Society. Total sales of 130,929 tons were reported for May by firms, with a capacity of 225,790 tons per month.

ALL ALAMEDA COUNTY ENJOYS BUILDING BOOM

Alameda county is building at the rate of one structure every 10 minutes of each working day during 1923, according to figures supplied by the Builder's Exchange of Alameda county.

Last year one structure was completed every 12 minutes of the working year, representing an investment of $32,467,759.

For the first five months of 1923 the value of new buildings is placed at $15,115,782. At this rate a new building record for the state will be established.

The total number of permits issued in 1922 was 11,691, while so far in 1923, 5594 have been issued.

This year to date $113,737 has been invested in new buildings in Hayward. Alameda has spent $567,353 on 139 permits.

Berkeley is far surpassing her record of last year. In 1922 with 2182 permits issued, a total of $5,622,963 was spent. So far this year 938 permits have been issued and $3,043,609 invested.

Piedmont has spent $145,935 on dwellings this year, and Emeryville has spent $374,150 on factories, almost twice as much as last year.

Oakland, with 9129 permits last year, spent $24,464,223. To date this year 4546 permits have been issued and $10,984,436 invested. It is estimated that at least $30,000,000 will be put into new buildings in Oakland this year.

L. M. KLAUBER, HEADS PACIFIC COAST ELECTRICAL ASSN.

L. M. Klauber was elected president of the Pacific Coast Electrical Association at the close of the seventh annual convention held in the Fairmont Hotel, San Francisco. Mr. Klauber is executive engineer of the San Diego Consolidated Gas & Electric Company. Other officers elected were: First vice president, William Bauerhyte; vice president and general manager of the Los Angeles Gas & Electric Corporation; second vice president, Frank A. Learch Jr., vice president in charge of public relations, Pacific Gas & Electric Company, San Francisco; treasurer, S. B. Anderson, manager San Francisco district, Pacific States Electric Company, San Francisco.

The new president, L. M. Klauber, was advanced from the office of first vice president.

The new board of directors is as follows: H. H. Walker, president Contractor Dealers' Association, Los Angeles; R. A. Balzari, Westinghouse Electric & Manufacturing Company, San Francisco; J. F. Pollard, Coast Valleys Electric Light & Power Company, Salinas; E. B. Criddle, Southern Sierras Power Company, Riverside; C. C. Hillis, Electric Appliance Company, San Francisco; S. J. Lisberger, Pacific Gas & Electric Company; C. T. Hutchinson, Journal of Electricity and Western Industry, San Francisco; F. J. Airey, Pacific States Electric Company, Los Angeles; A. M. Frost, San Joaquin Light & Power Company, Fresno; S. M. Kennedy, Southern California Edison Company, Los Angeles; Robert Sibley, executive manager University of California Alumni Association.

(Continued on Page 9)

New State Housing Act Modifies Nearly All Provisions Of Existing Housing Laws

The new state housing act, S. B. No. 29, by Mr. Burnett of San Francisco, has been signed by Governor Richardson, and will become effective Aug. 16, 1923. The following review of the act, prepared by C. V. Welch, assistant chief inspector of buildings of Los Angeles, indicates the changes from the existing laws. Provisisons of sections not noted are unchanged.

Section 1. Combines the three acts of 1917 for tenement houses, hotels and dwellings into one act.

Sec. 5. Includes a specific provision for combined apartment houses and hotels, requiring a rear yard for any such building and requiring all apartments to comply with the apartment house provisions as to size of rooms, ventilation of toilet and bath rooms, etc.; and requiring compliance with hotel provisions for all sleeping or guest rooms.

Sec. 7. Requires permits for any work done to dwellings, apartments or hotels, as well as for the erection of new buildings, but allows municipal departments to waive this provision for minor alterations or repairs in the case of dwellings if the sanitation, ventilation and safety of the building is not affected.

Sec. 8. A "permit of occupancy" is no longer required for apartment houses containing not more than four families and no permit has to be renewed every year, as at present, except there be a change of owner or lessee.

Sec. 10. "Apartment house" replaces the term "tenement house" and is defined so as to include the present flat buildings, but exemptions as to fire proofing, bath and toilet room floors are made in other sections of the act.

"APPROVED" is defined differently but has approximately the same meaning as at present.

"BASEMENT" is no longer defined as a story. This provision is now modified as explained under Sec. 12.

"BUILDING" is defined as an apartment house, hotel or dwelling or any combination of such uses.

"CELLAR" is defined as at present but with an added provision that it shall not be a basement as defined in the act.

"COURT" is defined as at present but with an added provision that a cornice or similar projection may extend any distance into an inner or outer court conditional on the minimum unobstructed width of court required in any particular case being provided. Such projections will, however, be limited by the provisions for the projection of porches over windows as explained in Section 31.

"DWELLING" is now defined as any building used for living or sleeping purposes which does not come under the definitions of "apartment house" or "hotel."

"FIREPROOF BUILDING" is defined so as to allow concrete tile for exterior and inner court walls and for roofs, which is not allowed at present. (This is not allowed by Los Angeles Building Ordinance).

"HOTEL" is defined so as to exempt, in addition to present exemptions, asylums, sanitariums, orphanages and prisons.

"OCCUPIED SPACE" is so defined as to allow open metal work stairs and fire escapes to project four feet into a court or yard. The present act allows such a projection into yards only.

"PLASTERBOARD" is a new definition, requiring a ⅜" thick board of 75 per cent of incombustible material with a mechanical bond or key to hold plaster, all to be approved by local city departments. It must have ⅜" of plastering and when used on the weather side of any exterior or court wall must be covered with a wire mesh or metal lath of No. 18 gauge before plastering. It can be used in lieu of metal lath as at present.

"SEMI-FIREPROOF BUILDING" is defined so as to allow concrete tile as for fireproof buildings (this will not be allowed by Los Angeles building ordinance) and so as to require metal lathing and plastering in four-story buildings only for the partitions and ceilings of public hallways, stairwells and soffits of stairways and the ceilings of basements and cellars instead of requiring all interior wood construction to be metal lathed and plastered as in the present act. Any such building over four stories in height must be completely metal lathed (or lathed with plasterboard) and plastered as at present. Roof covering is the same but more completely specified. A new provision states that wood trim and plain glass, where wire glass is not specifically required, may be used, but this is not prohibited in present act.

"SHAFT" is a new definition, and prohibits windows other than for bath, toilet, shower and slop-sink rooms from opening onto same and being accepted as legal light and ventilation.

"SUPERFICIAL FLOOR AREA" is a new definition prohibiting any built in fixtures from being counted as floor area. This will require larger kitchens than heretofore as the space under sinks, kitchen cabinets, etc., will be occupied floor area.

"TENEMENT HOUSE" is replaced by the term apartment house.

"WOODEN BUILDINGS" is redefined so as to omit fireproofing (metal lath and plaster) on public hallways, soffits of stairs and stairwells in apartment houses having not over two families, and in hotels having not over five guest rooms, about the first story of the building. This provision is modified by Los Angeles building ordinance for such buildings if over two stories in height).

"YARD" definition is modified so as to allow cornices and similar projections to extend into same as noted under "occupied space."

Sec. 11. Modifies present act so as to allow rear apartment houses or hotels, as well as dwellings, in case access to the public street to which the rear building faces is provided by means of an open, unobstructed space at least 10 feet in width for two story buildings with an additional 2 feet of width for each story more than two of the rear building.

It further allows dwellings and apartment houses having only two families above the first story to omit such open space for a passageway in case such rear buildings have access to some other public street or alley at least 10 feet in width.

Sec. 12. All height limits of any kind, except those imposed by municipal ordinances, are repealed for "fireproof" apartment houses and hotels. Height restrictions as to number of stories and height in feet are repealed for "semi-fireproof buildings," but such buildings are restricted to a height of two times the width of the widest street frontage, though above that height additional stories may be erected if each story is set back six feet from the front of the story next below. (This type of building is restricted in height, however, by Los Angeles ordinance).

Height of "Wooden buildings" is changed to allow three stories of apartments or rooms with a basement the ceiling of which at no point is more than eight (8) feet above the sidewalk or adjoining ground levels, as the case may be; and is further restricted in height, based upon the width of street, as mentioned for "semi-fireproof buildings;" also is limited to a maximum height of 50 feet above sidewalk or adjoining ground levels at all points.

Height of buildings is to be measured from sidewalk or adjoining ground levels to lowest point of finished ceiling of the top story.

Note the use of 'sidewalk" instead of "curb" as in present act for the basis of measurement.

A new provision in this section prohibits the conversion of existing wooden buildings not erected for apartment houses or hotels so that such buildings will have more than three stories thereof used for living and sleeping purposes, and also requires such buildings to comply with all provisions of the act for buildings hereafter erected. This is merely a more specific provision of the other restrictions contained in the act, and definitely prohibits the adding of additional stories to an already existing apartment house or hotel.

Sec. 13. Percentage of lot to be left vacant is not changed, except to put in a new provision that bay windows above the first story having 15 sq. ft. of floor area, projecting not more than 3 feet and constructed 4 feet apart, may be located on the rear of apartment houses in case the unoccupied area of lot is at the rear of the building and that the minimum rear yard depth is maintained back of the fartherest projection of such bay windows.

Sec. 14. The depth of rear yards for apartment houses is the same up to 96 feet of height, over which height the depth is reduced from 26 feet to 20 feet for interior lots.

For corner lots the depth is as in the present act except that for buildings over 75 feet wide the yard may have a uniform width behind the apartment house, in case the additional arear of yard behind that portion of the building which is defined to be on an interior lot, is added to the aggregate area of the entire yard.

In the case of two story apartment houses having not over two families above the first story only one-half of the unoccupied percentage of lot and depth of rear yard is required, though the rear yard can never be less than 5 feet in depth. This provision modifies Section 13.

Sec. 15. Rear yards are not required for hotels, but where such yards are provided they can be reduced in depth over present requirements. In no case

need the depth be over that required for the width of inner courts bounded by a lot line for hotels, as required by Sec. 24; and if such yard is 'bounded' by the entire width of an outer court, side yard or by a street, it can be of the depth required for the width of outer courts for hotels.

A new provision allows rear yards for dwellings to be 4 feet in depth, but does not compel such yards to be provided.

Sec. 16. The 3'x7' passageway for access to rear yards for apartment houses if metal lined must be solid sheathed with 13/16" boards under the lining.

Sec. 17. The minimum distance between buildings on the same lot is increased from 10 to 20 feet and 2 feet additional for every story over two of the highest building. This provision does not apply to dwellings or to garages for the sole use of the tenants of the building, but the minimum depth of rear yard required by the act cannot be encroached upon. This provision will only apply, however, in cases where an apartment house or hotel is erected behind another such building, as in all other cases the act can be complied with by drawing an imaginary line through the actual lot making this line the rear boundary of the yard.

Sec. 20. Is slightly changed to clear up the amount of reduction to be allowed for "each" side yard, which can be reduced 12 inches in width below the width required for outer courts if there is a side yard on each side of the building and they are connected at the rear by a legal rear yard.

Sec. 21. Other court widths for apartment houses are reduced in some cases and greater lengths are allowed for 3-story apartment house outer courts are the same width; 4-story courts are the same width; four story courts are reduced 6 inches; six story reduced 1 foot; seven story 2 feet; eight, nine and ten story 3 feet; eleven story 2 feet; twelve story 1 foot; thirteen story same as present act and over thirteen stories, courts are increased one foot in width, the maximum width being 15 feet.

Outer courts for hotels not over three stories in height remain the same except that there is no limit as to maximum length.

Outer courts for hotels over three stories in height are reduced in width, being 6 inches less for four story buildings; the same as at present for five story; one foot less for six story; 2 feet less for seven story buildings which are required to have a width of eight (8) feet. This eight foot court is the maximum width required for any outer court for a hotel irrespective of the number of stories in height, whereas the present act requires a maximum of 14 feet for buildings ten or more stories in height.

Outer courts for dwellings are the same as outer courth for two story apartment houses, which is approximately the same as the 1917 Dwelling House Act.

Sec. 22 Wording changed but meaning is the same.

Sec. 23. No change to width and area of inner courts for apartment houses, except in the case of inner courts bounded by a lot line for their entire length, and in this case only for buildings over five stories in height. Six story inner courts are four feet less in width and 40 square feet less in area; seven story 5 feet less in width and 100 square feet less in area; eight story buildings 6 feet less in width and 210 square feet less in area, the maximum width and area being 18 feet and 630 square feet respectively, as compared with 24 feet and 840 square feet in the present act.

An exception is made to width and area of inner courts for apartment houses having only two apartments above the first story allowing same to be reduced from 6 feet to 5 feet; and from 5 feet to 4 feet where it is a lot-line inner court.

Inner courts bounded by a lot line are only required to have an area of 60 square feet instead of 75 square feet in the present act. This imposes an additional restriction for the four-flat buildings with separate front entrances, as the present act only requires a 4 foot width and an area of 36 feet in any case.

Inner courts for dwellings are left the same width but the area is increased from 36 to 60 square feet.

NOTE—For clearness in following the foregoing summary, a "court" is defined as an open, unobstructed space other than a front, side or rear yard on the lot on which a building is erected, and such space must be open, uncovered and unobstructed from ground to sky. An outer court must be bounded for the entire length of one open, unoccupied space) or by a public end or side by a yard (which is also an street. This court and the yard or street join at an imaginary line and really constitute one unoccupied area of varying shapes. Inner courts are completely, or nearly, surrounded on all four sides by the building, except in the case of a lot line court which will be bounded on one side and two ends by the walls of the building and on the other side by the lot line.

Sec. 24. Inner courts, not bounded by a lot, for hotels are reduced in width and area, except in the case of four story buildings in which case they are increased from 8 feet to 10 feet in width. The present act requires a minimum width of 6 feet for two stories and a maximum width of 24 feet for eight or more stories, varying in width between those limits by the height in stories. The new act is from five feet to sixteen feet in width for eight or more stories, varying by stories. The new act reduces the area of such courts for two story hotels from 75 square feet to 45 square feet and for eight or more stories the area is reduced from 840 square feet to 352 square feet with corresponding reductions in areas for any number of stories of height in between said limits.

Lot line inner courts for hotels are reduced in width from 5 feet to 4 feet for two story buildings and from 24 feet to 10 feet for buildings of eight or more stories in height varying between these limits. Such courts must, however, be bounded for their entire length by a lot line. A minimum length of such courts parallel to lot line replaces the present requirements as to minimum area, and reduces the area from 75 square feet to 36 square feet for two story buildings and from 840 square feet to 140 square feet for eight or more stories with corresponding reductions for buildings between these heights.

Sec. 26. Intakes for practically all inner courts are reduced in number or area. No intakes are required for courts in buildings not over two stories in height. Intakes for apartment courts that go to the ground are left the same size of 3 feet wide by 6 feet 6 inches high, but only one is required irrespective of the court area; and in case such courts only extend down to the second floor level, the intakes are only required to have an area of 10 square feet instead of 19½ square feet as in present act.

Hotel inner courts of any size are only required to have one intake of 5 square feet of area, and this is not required in two story buildings.

Sec. 27. Does not require basement to be illuminated.

Sec. 28 Reduces height of under side of first floor joists above ground from 18 inches to 12 inches and omits all rat-proofing requirements of present act.

Sec. 29. Requires every dwelling to be constructed in a substantial manner so as to provide shelter to the occupants in inclement weather and to exclude dampness. It increases the height of the under side of the first floor joists above the ground from 6 inches to 12 inches.

Sec. 30. Sizes of rooms for apartment houses are not changed, except for guest rooms not connected with apartments which can be reduced in floor area as mentioned in this section for hotels.

Guest rooms for hotels must be 90 square feet in area but two persons can sleep in such a room. Such guest rooms can be reduced to 70 square feet of floor area in case 24 square feet of window area is provided whenever the room is less than 90 square feet.

Rooms for sleeping purposes in dwellings need have only 80 square feet of floor area for not to exceed two persons.

All rooms for sleeping purposes in apartment houses, hotels and dwellings must be increased over the foregoing areas, as provided in Section 65 of this act, in case they are occupied or designed to be occupied by more than two persons. This increase amounts to 500 cubic feet of air space for each person over two occupying any room, the least cubic feet of space allowed for any room being 630 cubic feet for two persons. The 500 cubic feet of air space for one person, mentioned in Section 65, must not be construed to allow any reduction in floor areas, but as applying to such case as attic' rooms and other rooms with sloping ceilings.

Kitchens in apartments must be 50 square feet, and in some cases will be larger than at present due to the new definition of "superficial floor area" as given in Sec. 10.

The minimum width of 7 feet for rooms is not changed, except to specifiy that this width shall only apply to those portions of any room that are counted in determining the minimum area required.

Ceiling heights are not changed being 9 feet for apartment houses and hotels and 8 feet for dwellings, except in the case of two story for flat buildings with separate front entrances which are required to have 9 foot ceilings instead of 8 foot.

Ceiling heights and areas of closets, toilet and bath rooms are the same, except that the width of toilet rooms is reduced from 36 inches to 30 inches.

Note that no particular area is required for any room in dwellings unless used for sleeping purposes, but windows are required in all rooms as mentioned in Sections 31 and 32.

A new provision in this section requires all partitions in apartment houses or hotels of three or more stories in height to be well plastered.

Sec. 31. Allows windows from any room or hallway to open onto porches of any width or projection over such windows in case one side and one end of any porch is at least 65 per cent open, if the porch is on the first story, and if 90 per cent open on one side and one end in case the porch is above the first story. Any porch which is not over 7 feet wide measured at right angles to the window it projects over need only be 50 per cent open for the side or end opposite the window. Kitchen windows are allowed to open onto porches.

A clear ceiling height of 7 feet for porches is a new provision.

Sec. 32. Windows are required equal to one-eighth of the floor area of each room as in present act, except that amusement, entertainment, reception or similar rooms in a dwelling need not have more than 22½ square feet of

window area if over 180 square feet of floor area.

The provision in this section requiring a 9 foot ceiling height for amusement, entertainment or reception rooms, will not apply to dwellings.

Sec. 33. Windows for public hallways in apartment houses and semi-fireproof and wooden hotels are changed in two important particulars. The present act requires windows in the end of public hallways 'and' so placed as to secure maximum light. This act requires windows in the end of public hallways 'or' so placed as to secure maximum light. This will allow windows in the side of a hallways in many cases where by so doing better light is provided. The other change allows an offset public hallway to be three times in length the width of the hallways it leads to, instead of 1½ times, as in the present act, without requiring separate light and ventilation.

Windows for public hallways in fireproof hotels are not required for any portion of a public hallway which is lighted by two or more connecting hallways properly lighted with windows; and no windows are required in any such building for any public hallway which is ventilated by an approved fan exhaust system as specified in Sec. 60.

Sec. 34. Skylights are required over stairways as in present act, but the minimum area of 20 square feet for two story buildings is increased 3 square feet instead of 6 square feet for each additional story. Ventilating openings in such skylights can be permanently fixed in an open position or be arranged to be opened from any floor in the building.

The present act requirements of a stairwell opening equal to one-third the area of the stair skylight is replaced by the term 'vertical opening' and this opening must have a horizontal area of 7 square feet irrespective of the size of skylight, and cannot be less than one foot in clear width in its least dimension.

Sec. 35. Changes the interior arrangement of apartments so as not to require access to a living room and toilet compartment without passing through a bedroom. In three rooms or more apartments access must be had to a water-closet compartment without passing through a bedroom, however.

Sec. 36. Requires plastered walls and waterproof floors for bath and toilet compartments in flat buildings with separate front entrances, which is not required by present act.

The height of base for all waterproof floors in bath and toilet rooms is reduced from 6 inches to 2 inches.

Sec. 37. Water-closets are allowed to be installed in existing apartment houses or hotels without complying with all provisions of the act for light and ventilation required for new buildings, it being left to the discretion of the local departments as to what shall be done in a particular case.

Sec. 38. A new provision requires hot and cold water for bathtubs and showers in new hotel buildings.

Sec. 39. New bath or shower compartments in existing apartment houses or hotels may be lighted and ventilated in any manner satisfactory to the local departments.

Sec. 34. Only one stairway is required for any building if none of the upper floors exceed in area of 6000, 4000 or 3000 square feet for fireproof, semi-fireproof or wooden buildings, respectively; whereas the present act requires at least two stairways for every building. More than one stairway may, however, be necessary in certain cases for apartment houses in order to provide two means of egress as required by Section 45.

Sec. 44. A new provision specifies that floor areas shall include the space inside of the exterior walls, and allows areas of courts and vent shafts to be deducted therefrom.

Sec. 45. Does not require two means of egress from every guest room in a hotel, as in present act, but still requires two means of egress by stairways or fire escapes from every apartment in three or four story apartment houses.

Ses. 46. Does not allow any required stairway from upper floors to terminate at second floor when the stairs from second floor to ground floor are increased 50 per cent in width, unless there be at least two stairs to the ground floor or there be one or more fire escapes equipped with a ladder or stairs to reach the ground.

A new provision prohibits any stairway, whether required by this act or not, from being less than 30 inches in width.

Sec. 48. The present act requires the stairway nearest the main entrance to be carried to the roof for any building over two stories in height; this act requires the same for hotels but for apartment houses requires such stairway to the roof for buildings of two or more stories whenever there are three or more apartments above the first story.

A new provision allows any stairway to the roof to be replaced by a scuttle if the pitch of the roof makes it impracticable for occupants of building to use same with safety.

Sec. 50. At least one fire escape is required on any apartment house over two stories in height, irrespective of the number of apartments, and for any hotel over two stories as in present act, except as noted in Sec. 51. The maximum floor area allowed for one fire escape is increased from 3000 square feet for any building in present act, to 6000 square feet for fireproof and 4000 square feet for semi-fireproof and wooden buildings. If any floor above the second exceeds such area an additional fire escape must be provided for each 5000 square feet or fraction thereof, irrespective of the class of building.

The lowest balcony of any fire escape can be any height above the ground or street if equipped with a counterbalance or permanent ladder reaching to the ground, otherwise must be within 14 feet.

All metallic fire escapes must be galvanized.

Fire and smoke tower walls are reduced in thickness from 12 inches to 8 inches. (L. A. building ordinance requires 12 inches).

Sec. 51. In any apartment house or hotel fire escapes known as type 4 and 5 (enclosed with masonry walls from ground to roof, with open vestibules at each story, etc.) may take the place of one fire escape and one stairway. (L. A. ordinance does not allow this), provided there is at least one other interior stairway to ground.

For fireproof hotels there must be one stairway from topmost story to ground. Other stairs may terminate at second floor and be counted as both a stairway and fire escape if enclosed in a shaft with masonry walls, metal covered doors, etc., and if connecting at the second floor with a fireproof passageway extending through the exterior walls of building abutting a street, at the end of which is provided a fire escape balcony with ladder or stairs to the ground. (L. A. ordinance does not allow this).

Sec. 52. Changed so as not to require a fire escape on a street front in all cases of fireproof buildings, but still requiring same for semi-fireproof and wooden buildings. (L. A. ordinance requires a fire escape on a street front of such fireproof buildings).

Sec. 56. Vent shafts must have 13/16-in. sheathing on the exterior of studs if metal lined.

Vent shafts for two-story apartment houses with not to exceed two families above the first story and for two story hotels with not to exceed six guest rooms or six guests above the first story, are only required to be 18 inches in their least dimension, without intakes therefor, but open and unobstructed to the sky.

Vent shafts for other apartment houses remain 4 feet by 4 feet in size, except that when bounded on one side by a lot line they may be 2 feet by 8 feet. Vent shafts over 50 feet in height must be increased one square foot in area instead of 3 square feet for each additional 10 feet of height.

Vent shafts for other hotels must be not less than 30 inches in least dimension and have an area of 12 square feet and do not have to be increased in area if over 50 feet in height as in present act. While the act does not so state lotline vent shafts for hotels should be allowed to be 2 feet in their least dimensions the same as for such vent shafts in apartment houses.

A new provision requires a 30 inch high wall or railing on the roof surrounding all vent shafts in apartment houses and hotels.

A 3 square foot horizontal intake is required at the bottom of vent shafts in apartment houses, as at present, but none is required for vent shafts in hotels. (Note exception in second paragraph of this section).

Sec. 57. Inner court stud walls must be sheathed with 13/16 inch boards on the weather side if metal lined.

Sec. 59. No portion of an apartment house can be used for a public automobile garage, repair or machine shop, paint shop, gas or oil station, salesroom, top or body shop, accessory, vulcanizing or battery repair shop, but automobiles can be stored in a room constructed as required by present act, if not used by the general public, and if for storage only. In a hotel private automobile storage is allowed under the same conditions as for apartment houses, and the above mentioned public businesses can also be maintained if the room in which they are located has a double metal lath and plaster ceiling with a six-inch air space between ceilings. (L. A. ordinance does not allow either auto storage or any of the business mentioned in any apartment house or hotel).

This section requires all partitions and ceilings of such rooms to be only metal lathed, thereby prohibiting the use of plasterboard in such rooms.

Sec. 60. Separate inlet and exhaust ducts to the outer air above the roof of the building are not required for fan exhaust systems as in the present act, but the system must be approved by local city departments.

Sec. 61. Is an entirely new section providing for the safe and substantial construction of buildings, the use of sound and substantial materials, and specifying a number of minimum requirements.

Roofs must be constructed to carry 20 pounds per square foot and floors 40 pounds per square foot, in addition to the weight of all materials used therein, with a safety factor of four. All other portions of the building must be similarly designed and constructed.

Studs must be 2x4 for exterior walls and bearing partions for two story buildings, and 2x6 for buildings of three or more stories except for upper two stories.

Fire stops, diagonal bracing, solid bridging and cross bridging are required for stud walls and floor joists,

Floor joists must be 2x8 inches above first floor, spaced not over 16 inches O. C., and cannot span over 14 feet unless increased in depth.

A statement in this section allows surfacing and sizing of rough lumber of the sizes mentioned.

Masonry foundations are required except in cases where it is impracticable, having a 12 inch base 10 inches below ground surface, a 6 inch top and extending 6 inches above ground surface.

All foregoing requirements are the least required, and are to be increased when necessary. (Most of them are less than L. A. building ordinance).

Sec. 62. Dormitories are limited to twenty beds as at present, unless existing at the time of passage of this act.

A new provision makes it compulsory for local municipal departments to issue a certificate of occupancy for existing dormitories which are found by them to be sanitary and fit for human occupancy, which certificate shall be final as to structural features and arrangements thereof, irrespective of all other provisions contained in this act.

No bath, shower, water-closet or wash sink is required to be located in and be a part of each dormitory, as in present act, and all such appurtenances will be installed under the other provisions of the act for hotels.

Sec. 63. Additional rooms or hallways constructed inside of existing apartment houses or hotels must have a ceiling height of at least 7 feet 6 inches.

Sec. 64. Provides for the lighting and ventilating of rooms and hallways in existing apartment houses and hotels, which have failed to comply with the provisions of the state acts repealed by this act.

Sec. 65. Prohibits cooking or preparing of food in a hotel except in a room or kitchen designed for that purpose.

A new provision requiring not less than 630 cubic feet of air space for two persons sleeping in any room, and requiring 500 cubic feet additional air space for each additional person sleeping therein, replaces the present requirements of 60 sq. ft. of floor area for each person sleeping in any room. The 500 cubic feet of air space for one person sleeping in a room is to take care of attic and other rooms with sloping ceilings, dormitories, etc.

Sec. 66. Artificial light for public halls, toilets, etc., is not required for two-story apartment houses with only two apartments above the first story.

Sec. 67. The present act requires old wall paper to be removed before repapering. This act allows new papering to be installed over not to exceed one coat of old wall paper. (L. A. ordinance does not allow this.) Painting or calcimining is allowed over old wall paper.

Sec. 71. A new provision requires every closet or compartment used for the purpose of storing any garbage receptacle to have the inside thereof lined, including doors.

Sec. 75. Janitor required as at present, except for hotels containing less than 12 guest rooms.

Sec. 85. A new section providing that every apartment house, hotel or dwelling shall be constructed and maintained in conformity with the existing law except for the exceptions contained in the act.

The act will become effective 90 days after adjournment of the legislature.

The Atlas Portland Cement Company of Kansas has been incorporated to acquire the property of the Western States Portland Cement Co. at Independence, Kansas, according to an announcement of John R. Morton, president of the Atlas Company.

Lumber Trade In Softwood Is Unsettled

Contradictory reports from the various manufacturing and distributing centers regarding the state of the softwood lumber market make it difficult to gauge the true situation, says the American Lumberman of Chicago. Some interests claim to have noted an improvement in demand during the last week, while others say that business is as dull as heretofore, if not more so. Viewing the situation at large, it appears that the trend of trade is upward and that the market is steadier than it was a week or two ago. Prices have sagged a good deal lately, especially in Southern pine, but the tendency to stabilize noted last week is now more prominent, and distributors expect no further material recessions.

Buyers, however, are not convinced of this, but continue to postpone commitments, expecting to be able to buy still cheaper later on. Meanwhile they are watching the market closely and do not fail to take advantage of any real bargains when offered. Transacting a good business, they are continually reducing their stocks, and it ought to be only a matter of days before they will have to come into the market in a considerably larger way. One thing that is helping the current lumber market is the fact that the number of transit cars afield is relatively very small, and these, when well loaded, are moving readily into consumption. Another factor is the heavy local demand for building material, both in the South and on the West Coast.

Industrial business in softwoods also is restricted, railroad and heavy construction items being the only ones in large demand. Exports remain heavy. Mills meanwhile are producing considerably more lumber than they are booking orders for, and stocks probably will be well replenished before the next general buying movement sets in.

The hardwood trade remains quiet, though slightly better than recently. A big increase in demand from the furniture industry is looked for shortly after the close of the midsummer furniture shows. Automobile and building interests are also expected to come into the market on a larger scale soon, as they are very busy, with excellent prospects for the rest of the year, and are steadily cutting down their lumber stocks. The general opinion seems to be, however, that the hardwood market will remain relatively slow for the next six to eight weeks, but all expect a big business in the fall.

PUBLICATIONS

Smith Excavator and Loader is the title of an attractive catalog issued by the T. L. Smith Company of Milwaukee. Several pages are devoted to the five uses for which the machine is designed, namely: 1. Basements and general excavating and loading. 2. Bank excavating and loading of gravel, sand, etc. 3. Stock pile loading of gravel, sand, coal, etc. 4. Stripping of sand, gravel, clay and rock. 5. Grading of alleys, streets and general work.

A very interesting series of four folders on shovel construction is being issued by The Thew Shovel Co. of Lorain, Ohio. The folders discuss their shovel unit by unit, beginning with the boom or business end, carrying it back through the turntable and down through the truck, then summing it all up in the fourth folder.

Sauerman News, issued monthly by Sauerman Bros. of Chicago, is the name of a bulletin of information on Dragline Cableways and Power Scrapers. It contains illustrations of some of the cableways and scrapers now in operation and with each illustration there appears a short story giving the method of operation, savings affected, etc.

TRADE NOTES

The Copper & Brass Research Association has just added to its membership the Engels Copper Mining Co., Granby Consolidated Mining, Smelting & Power Co., Dallas Brass & Copper Co., Merchants & Evans Co., T. E. Conklin Brass & Copper Co., J. M. & L. A. Osborn Co., and Richards & Co., Ltd. The present membership of the Association is comprised of 26 copper mining companies and 15 copper and brass fabricating and distributing companies.

A new steel subgrader for road work has been put on the market by the Lakewood Engineering Company of Cleveland and is a considerably heavier unit than their wood frame subgrader. The purpose of the subgrader is to plane the subgrade to the exact depth of the road slab. It travels on the side forms and is pulled by a roller or tractor. It is also equipped with scarifying teeth on the front member to assist in breaking up the subgrade ahead of the blades.

ORGANIZATION NEWS

(Continued from Page 5)

SACRAMENTO ENGINEERS ENDORSES ROBERT L. JONES

The Sacramento section of the American Society of Civil Engineers has gone on record unanimously in favor of Robert L. Jones, candidate for director of the proposed Silver Creek project district for the City of Sacramento. Jones is an engineer of wide experience, and this is the third endorsement he has received since announcing his candidacy. The resolution favoring his selection states in part.

"Robert L. Jones is a civil engineer of high standing, thoroughly experienced in hydro-electric development and civil and hydraulic engineering and of sound business judgment; and it would be highly desirable to have a qualified engineer of such technical and business ability on the board of directors of the proposed Sacramento Municipal Utility District."

Other organizations on record favoring Jones for the directorate are the Sacramento chapter of the American Association of Engineers and the Architects and Engineers' Club of Sacramento.

Jones formerly was associated in an enfineering capacity with the Sutter Basin project.

DETROIT STEEL PRODUCTS BUILDS OAKLAND PLANT

Of particular interest to architects on the Pacific Coast is the announcement by Mr. Victor F. Dewey, President of the Detroit Steel Products Company, of the establishment of a factory at Oakland, California, for the manufacture of Fenestra Steel Windowsills.

On a trip to the coast last May, Mr. Dewey selected a plot of ground comprising a city block at Emeryville, a suburb of Oakland, and construction of the first unit, a concrete and steel sash building was immediately started under the direction of H. F. Wathen, Pacific Coast Manager of the Fenestra Construction Company, a subsidiary of the Detroit Steel Products Company which specializes on steel sash erection work. This unit went into production June 18.

Located on a spur of the Southern Pacific railroad, and with ample facilities for the receipt of raw materials and the dispatch of finished product both by rail and by water, the Detroit Steel Products Company is in a particularly advantageous position to serve its rapidly growing business in the Pacific Coast region and the Orient.

Mr. Burleigh Alum has been appointed manager in charge of the Pacific coast sales of the company, the offices at 251 Kearny street, San Francisco. He was formerly director of western agents for the company, and as such has a wide acquaintance among architects in the middle west. His offices were formerly at Kansas City.

The western organization of the Detroit Steel Products Company is an extensive one. W. C. Lea has been for five years representing the Fenestra interests at Los Angeles, and other representatives Geo. C. Weare, at San Diego, California, S. W. R. Daily at Seattle, Washington, R. H. Hoskins, at Spokane, Washington and the P. L. Cherry Company at Portland, Oregon.

Officers of the Detroit Steel Products Company are John G. Rumney, Chairman of the Board, Victor F. Dewey, President and General Manager, M. P. Rumney and H. F. Wardwell, Vice Presidents, E. R. Alles, Secretary and Treasurer. The company is capitalized at $3,500,000 and does an annual business of $10,000,000.

CITY WANTS ELECTRICAL INSPECTORS

The San Francisco Civil Service Commission will hold an examination July 10 for the position of inspector and chief inspector in the Department of Electricity.

The subjects of the examination and their relative weights on a scale of 100 are: Knowledge of Duties, 50; Relative Capacity, 20; Experience 20; Age, 10.

Receipt of applications closes Monday, July 2. Further particulars together with application blanks may be had from the Civil Service Commission, Room 151, City Hall.

ASBESTOS SAND ADMITTED FREE OF DUTY

Asbestos sand, invoiced as asbestos and classified as a mineral substance wholly or partially manufactures, at 20 per cent ad valorem under paragraph 81, act of 1913, was claimed free of duty by the importer, G. W. Sheldon & Co., chicago, in protest 962019 as sand under paragraph 614, as asbestos unmanufactured under paragraph 406, or as a crude mineral under paragraph 549. The protest was sustained before Board 1 of the Court of General Appraisers and the goods were admitted free as unmanufactured asbestos.

Labor Review For June

A study of the administration of labor laws and of the system of factory inspection in force in various European countries, which was made in Europe in 1922, forms the subject of a special article in the June issue of the monthly Labor Review. During the World War there was a complete breakdown in nearly all of these countries, of the labor standards which had been gradually built up over a long period of years. The many military demobilization and reconstruction problems which all the countries had to face following the close of the war, have made the re-establishment or improvement of pre-war conditions a slow process; while the changing industrial situation which has brought with it larger participation by representatives of labor in the control of affairs has resulted in a mass of labor legislation, enacted frequently without taking into consideration the difficulties of putting such laws into effect. Another factor operating against proper law enforcement in the countries most directly affected by the war has been the disregard for human life engendered by the war which has left its impress in a general disinclination on the part of employers and workers to provide or use protective measures against accidents.

Other special articles in this number of the Review include a report on the extent of industrial unrest in Great Britain since the beginning of the present year as evidenced by the strike movement which has affected many of the leading manufacturing industries as well as agriculture, mining, and the building trades, and an account of the trade agreements concluded this spring in the New York garment industries. These agreements which provide wage increases in all trades also deal with the so-called "social shop" which has been partly eliminated as the result of the contracts between the employers and the International Ladies' Garment Workers' Union.

Wages and hours of labor in the iron and steel industry show a decrease in 1922 over 1920 in hourly earnings of workers ranging from 23 per cent in standard steel rail mills to 45 per cent in puddling mills, although in spite of this reduction the 1922 hourly earnings are from 66 to 102 per cent higher than in 1913.

The volume of employment which is reported in each issue continues to show total gains both in the numbers employed in the 43 branches of industry reporting to the bureau and in the amount of wages and of the average weekly earnings of the more than two million workers included in the report

A study of strikes and lockouts in this country from 1916 to 1922 classifies the strikes occurring each year according to causes. From 1916 to 1920 demands for increased wages were the largest single cause of strikes while in 1921 more strikes were caused by threatened decreases threatened decreases in wages. These two causes were still the most important in 1922 although the total number of strikes last year was much less han in any one of the six preceding years.

Other sections of the Review contain articles of current interest on various subjects related to labor, including prices and cost of living, labor agreements, woman and child labor housing, industrial accidents and hygiene, conciliation and arbitration, and immigration.

LUMBER PRICES DROP

Lumber prices in Spokane have fallen from 29 to 35 per cent below the peak prices of 1920, according to A. H. MacCuaig, manager of the Lumbermen's Credit and Audit bureau at Spokane, Wash.

"The general impression that building costs are not at a 'peak' is wrong" said Mr. MacCuaig, recently. "Since the peak price of 1920, the cost has been materially reduced. This can be said generally of all the cost of the materials that go into a home.

"The reason for this reduction is a falling off of the cost of producing lumber—wages, equipment and other factors. The reduction since 1920 has been marked, and the price of building now is probably as low as it will be. The cost of building in Spokane is lower than any city of its size in the United States.

Mr. MacCuaig declared that the volume of business in the lumber market here has shown a slight decrease during the year, while during the same period lumber production has increased materially.

S. P. ENGINEER IS NAMED

Carroll R. Harding has been appointed consulting engineer for the Southern Pacific Company, with headquarters in New York. He succeeds John D. Isaacs, retired.

Harding is thought to be the youngest railroad consulting engineer in the world. He is only 34 years of age.

Since November 1, 1913, Harding has been connected with the engineering department of the company. He started as a draftsman, later became chief draftsman and then assistant consulting engineer.

SAN JOSE CITY PLANNING SCHEME BEING COMPLETED

A definite proposition for the zoning of San Jose within its corporate limits will be presented to the San Jose city council by the city planning commission inside of 60 days, according to an announcement of the latter body. The commission, following the belief that the city has reached the stage where restrictive building measures are justified, has been working on a zoning plan for some time and will present the plan to the council in ordinance form. It has been suggested that in the event that a zoning ordinance is passed by the council and works out effectively that outside districts may desire to annex themselves to the city of San Jose in order to keep the beauty of residential tracts inviolate.

Following are the members of the city planning commission: A. L. Brassy, chairman; Ernest Curtiss, local architect, secretary; Frank C. Mitchell, of the Bank of Italy; Archer Bowden, city attorney, and William L. Popp, city engineer.

PURCHASE SHIP FOR COAST LUMBER TRADE

The Weyerhauser Lumber Co. has purchased the steamer "Vinita" from the Shipping Board, but on what terms is not disclosed.

The "Vinita" is a steel craft of 5661 gross and 3539 tons net register built at Long Beach and launched in 1919.

She is 410 feet long, 54 feet beam, 27 feet depth of hold and is now on the way to this port from Manila under the management of Swayne & Hoyt.

*How Cleveland Became Closed Shop

"Many contractors throughout the city have received letters from your committee requesting them to verify a statement of facts established by the committee as their understanding as to why contractors in the building industry are operating under the closed shop plan in Cleveland. While this statement for the most part is a very fair and correct outline of the reasons given by contractors in explanation of their position, it has been thought by some that it hardly goes deep enough to set forth adequately the underlying causes of the present situation.

"Believing, therefore, that a somewhat more comprehensive review may be of value to your committee in its inquiry, this sketch of the successive steps leading up to the closed shop conditions as we find them is submitted.

"By way of preface, it should be recognized that the closed shop is not the rule in the entire industry, as may seem to think. A distinction should be made between the actual construction division and a considerable element engaged in the manufacture, delivery and, in some cases, installation of materials and appliances. The latter element is proceeding largely open shop, although the former is in the main governed by the principle of trade agreements.

Builders as Protectors of Public Interest

"Furthermore, a perusal of the actual record of developments should disprove the inference sometimes made that contractors voluntarily are in alliance with labor organizations against the public interests. On the contrary, the history of the inception of the closed shop plan clearly shows that its introduction was brought about only after long and strenuous opposition by individual contractors and groups of employers to protect the public interest, and that this plan gained a foothold only through refusal of owners and the public to give the support and co-operation absolutely essential for making these efforts effective.

"To get a proper perspective on which to base these conclusions it is necessary to go back to a period commencing about 1913. In that year the operations on buildings were still being conducted on the open shop plan as in previous years. By this is meant that union and non-union trades were working on the same building side by side. Prior to this date some of the trades had refused to work on jobs where workers in their own trade were not 'card men.'

"There was more or less difficulty from this cause, culminating in the announced intention of the building trades council to put into effect on May 1, 1914 what was termed the 'no card, no work' rule. By applying this rule it was understood that no workman would be allowed on any job unless he carried a union card, the enforcement being left to the job steward.

"An organization known as the Executive Board Building Trades Employers was then in existence, being a voluntary association of delegate from the various organizations of employers in different trades. This board determined to resist the demand of the council. Being without power to compel obedience to its mandates it conducted a campaign by sending pledge cards to all employers asking them to join in the movement. So generally was this method successful that the demand was dropped. At this time the support of business organizations was asked, but the leading organizations replied that it would have to give up its civic and legislative work and become a labor fighting institution or else keep out of the game.

"Instead of helping in the effort to maintain the open shop, prominent owners who were having building work done came more and more to see to it that there would be no 'disturbance on the job' by yielding to union requirements.

"One prominent banker, arriving at his new building and finding a dispute in progress over the setting of fixtures made in an open shop, promptly paid the offending contractor the full amount of his contract the same as though the fixtures had been set, and then turned them over to union men to install. Time after time were such examples repeated.

Violence Marks Period of Struggle

"When bids were received on a large mercantile establishment running a half million dollars, it was found that a Cleveland contractor was lowest—but it was discovered that he was not a closed shop contractor. He was offered $20,000 bonus if he would make it union throughout so that there would be no danger of a boycott against the owner's business. Knowing that if he turned down the offer he would lose the contract to other bidders the contractor accepted and the union clause was written into the contract. This act, coming as it did after numerous defeats of similar character on the part of the contractors in their efforts to maintain the principle of the open shop, marked the turning point in the policy of the industry.

"Among subcontractors such as painters, roofers, plasterers, electricians, and other trades, it became impossible, on account of the growing tendency of owners to insist on union conditions, to keep going without compliance with this method. Any subcontractor will verify the statement that time after time he was refused permission to estimate on work for merchants and others unless he would agree to do it with union men.

"Cases of being driven from the job with the concurrence of owners were of daily record. Violence of the most vicious type, such as slugging of workers, daubing of houses, vandalism, and even dynamiting characterized this period through the years 1914-15. Unable to combat the evils of their business without support of the public, unable to secure arrests and conviction, or even a friendly resolution, though frequently requested, the contractor gradually came to the conclusion that after all it was the public's fight; and since the public evidently wanted the closed shop it was the only alternative—either this or go out of business.

"Accordingly, when in 1916 a plan of arbitration of difficulties was proposed by leaders of the Building Trades' Council through separate trades, it was received with less opposition by the employers. In this year was evidenced the growth of individual trade agreements containing arbitration and non-strike clauses.

Greatest Tie-Up Paralyzes Industry

"However, the success of this plan was not lasting, for in the spring of 1917, as the result of sympathetic strikes called on a large West Side building to enforce the prospective occupant to unionize his workers, a series of events led up to the greatest and most complete tie-up in building operations Cleveland has ever witnessed. A lockout which lasted from March 15 to April 25 so completely paralyzed the industry that not a stock of lumber or bag of cement could be secured.

"It was during this time that the investigation of graft in the industry was conducted. Thousands of dollars were spent by the Employers' Association in unearthing evidence and in prosecutions of accused business agents—resulting in the returning of indictments by the grand jury and conviction of certain leaders in the Building Trades' Council.

"While this investigation was in progress negotiations were under way for the making of a general agreement which it was thought would insure a considerable measure of freedom to the employer and at the same time bring peace to the much troubled industry. Accordingly there was evolved the first written contract between the Building Trades' Council and the Building Trades Employers' Association, then recently organized. This treaty, as it may be called, was formally signed March 19, 1917, and signalized the formal recognition of the union by the employers and the beginning of the experiment of conciliation and arbitration as contrasted with open warfare.

Ten Cardinal Principles

"By many this agreement was hailed as a great step in advance in labor relations, containing as it did the recognition of the so-called 'ten cardinal principles' regarded as favorable to the rights of employers. These principles, in brief, provided that whenever difficulties arose between employers and their workmen the same should first be submitted to a committee comprising an equal number from each side in the trade involved.

"If no settlement was reached by this method, the matter should then be referred to a general board representing the Trades' Council and the Employers' Association for adjudication. Strikes and lockouts were forbidden pending the effort to arrive at a decision.

"Other features of this agreement were that there should be no limitation to the amount of work a man should perform during the working day; no restriction in the use of tools or machinery; no restriction in delivery or use of materials except prison made; no interference with workmen during working hours; no collection of union dues by employers. The use of apprentices was not to be prohibited; foremen were to be regarded as agents of the employer; employers were at liberty to employ and discharge whomsoever they saw fit, and workers were at liberty to work for whomsoever they saw fit.

Three-Year Agreement Follows Crucial Test

"This form of agreement was eager-

*A letter from Edward A. Roberts, secretary of the Builders' Exchange, to Alex. G. Brown, chairman of Labor Relations Committee of Chamber of Commerce. (From Cleveland Plain Dealer, May 12, 1923).

ly sought by other cities and was known at 'The Cleveland Plan.' It was adopted in its entirety in many places as a solution of the difficulties under which the building industry was laboring.

"There was little or no opposition to the trial of the plan by any Cleveland organization, either as a group or as individuals. With the building trades so widely separated by units and by the very nature of their operations, it was thought that the new agreement would lead to the stabilization of the industry and peaceful conditions instead of constant strife.

"During the balance of the year 1917 this method of adjusting difficulties was carried out with good results on both sides. However, when negotiations for wage settlements early in 1918 began, there came a crucial test. Failing to get together on the annual wage adjustments there was a breaking away from the spirit of conciliation and arbitration resulting in strikes on May 1 in practically all the trades.

"Then followed renewed efforts to revise and continue the agreement. Through many meetings there was brought about what was known as the 'Three-Year Agreement,' signed May 18, 1918, by seven authorized representatives of the Building Trades' Council and seven representatives of the Building Trades Employers' Association, together with A. L. Faulkner, of the United States Department of Labor, who acted as mediator. This treaty was similar in its main provisions to the one which preceeded it.

Board Adjudicates Disputes, Prevents Strikes

For several years the board of conciliation functioned with frequent meetings and decisions on differences and disputes during the time between annual wage adjustments, and also in connection with these adjustments. All the petty annoyances which, if aggravated, might have led to strikes and tie-ups, were adjudicated by this board covering many jurisdictional squabbles and minor troubles. These adjustments in one year alone aggregated upwards of 100.

"It is true that under this plan it was necessary for a worker to carry the card or he could not get employment. Naturally this fostered the closed shop. Efforts of union leaders, however, to carry this policy into the realm of materials so as to reject any materials not made in union shops or refuse to handle materials not delivered by union drivers, as well as the announced intention of placarding all building jobs with the union label—these and other similar extreme measures were resisted by the employers and failed of enforcement.

"Because of the exigencies of the war, wages advanced by leaps and bounds until the peak was reached in 1920, when the figures were practically double the maximum prior to hostilities. At the same time skilled craftsmen and common laborers became scarcer and scarcer, multiplying the troubles of the builder.

"Owing to the low volume of operations, however, it was thought a readjustment could and should be made. Accordingly the employers proposed a lowering of wages to stimulate building. After a period of negotiations the question was submitted by both sides to an arbitration commission suggested by the Plain Dealer, resulting in the fixing of a lower scale, amounting to about 17 per cent reduction on the average.

"This award was accepted by the workers, but under protest—an attitude that eventuated in the declaration that henceforth negotiations must proceed between the individual arbitration committees in the different trades rather than in the aggregate. This method has been followed in the last two annual adjustments.

Readjustments Not Maintained

"With the conditions as to supply of craftsmen becoming worse instead of better, largely because of restriction of immigration and failure to train apprentices, coupled with a tremendous volume of operations following war activities, the readjustments to lower levels have not been maintained. Instead there has been a return in 1923 to war-time figures, illustrating the inexplorable working of the economic law of supply and demand against all artificial restraints invoked to the contrary.

"In these annual controversies over wages and working conditions the most discouraging feature to the contractor has been the attitude of the average owner and the speculative builder. Year after year, contractors have united in taking a firm stand at much sacrifice to themselves, in opposition to demands which they have deemed unjust and hurtful to the industry. Committees have been appointed to secure the cooperation of owners who have been asked to allow their jobs to remain idle until the question could be settled.

"Some owners thus appealed to have been good enough to comply with the request for a limited time, but usually the demand has been made that the contractor proceed at once with his work, either this or the contract will be canceled and the owner will take over the work himself. This one weakness has done more to lose battles for the employers than all else combined.

"With the backing of those for whom they do the work, the history of the last ten years' efforts on the part of contractors in the building industry of Cleveland would be a far different story than has been recorded. Just so long as such co-operation is withheld, just that long will the present conditions be difficult, if not impossible, of correction."

DENMAN AGAIN HEADS COOS BAY LUMBER COMPANY

The Pacific States Lumber Company, operating under the trade name of the Coos Bay Lumber Company, at the recent annual stockholders' and directors' meetings, again headed its officers with William Denman as chairman of the board and executive committee.

The board of directors consists of William Denman, Herbert Fleishhacker, C. R. Johnson, C. T. MacNeille, F. J. Schroder, C. A. Smith and F. A. Warner. MacNeille takes the place of H. S. Stuart. The other officers elected are C. A. Smith, president; F. A. Warner, vice-president and general manager; C. L. Trabert, secretary, and A. C. Paulsen, treasurer.

Chairman Denman stated that his program for expansion, on which the $7,000,000 bond issue of 1922 was based, had been accomplished. Without further borrowing, the company, out of its income, has increased its logging outfit until it is now the largest in the United States, and the added cutting capacity of its milling plant makes it exceed any single operation in the Pacific Northwest.

The plant additions have made a substantial reduction in manufacturing costs. The company has increased its fleet by a new steamer, the F. A. Warner, and extended its market to Southern California. Since its expansions the net income for interest, after deduction for depreciation and allowance for bond redemption, exceeds double its interest requirements and is the highest in the company's history.

BUILDING SLUMP

Says the New York Evening World: "The Evening World's telegraphic inquiry into building conditions in leading cities of the country shows that while building construction in the west is only beginning to feel the curtailing effects of high material and labor costs, other cities in the east are already hard hit.

"Reports from Boston, for example, are that more than $10,000,000 worth of building operations have been halted owing to a 35 per cent raise in building costs in the last three months. Philadelphia notes a sharp falling off in building permits during the past few days.

"Here in New York not a day passes without the announcement of more big building projects canceled or deferred owing to present conditions in the building trade. The total of such cancellations is already about $100,000,000 and fast mounting.

"Architects and builders divide the blame among the highest cost of materials, delay in delivering the same, and the demands of labor.

"The building boom hereabouts seems in danger of strangling in the grasping hands of those whose interest is to keep it going.

"Why should dealer or worker so often foolishly overreach to the point where buyers will no longer buy nor builders build."

GREAT WESTERN POWER WILL INCREASE GENERATING CAPACITY

Millions will be expended by the Great Western Power Company during 1923 to increase the generating capacity of its Las Plumas and Caribou plants, north of Oroville, Cal.

A third unit of the Carbou plant will be installed at a cost of $1,000,000, while expansion of the Las Plumas plant will cost approximately the same amount.

In order to permit the interchange of electric energy between Caribou transmission lines and the Las Plumas plant, auto-transformers will be installed at Las Plumas and at Brighton sub-station, near Sacramento, for the purpose of equalizing the voltage between the Caribou line, operating at 165,000 volts, and the Las Plumas lines, operating at 110,000 volts.

Concerning the installation of a third unit of the Caribou plant, from which San Francisco obtains most of its power, the company announces that the maximum demand in 1922 on the system was 146,000 h. p., or approximately 19,932 h. p. greater than the peak of the previous year. The total capacity of the hydro-electric generating equipment is 151,000 h. p. and it became apparent late in 1922 that a third unit to increase the capacity to 32,000 h. p. was essential to meet growing demands.

PLANS FOR INDUSTRIAL EXPOSITION ARE PROPOSED

More than thirty-five representatives of San Francisco and nearby manufacturing enterprises and establishments gathered at the Palace Hotel June 20 for luncheon, following which they considered a plan laid before them by Angelo Rossi, president of the California Industries Exposition, to hold the next industries show in the Exposition Auditorium during the last two weeks of November. It had been planned to hold the 1923 show in a building at the Marina, but the site selected has been found unavailable and President Rossi has recommended a return to the Exposition Auditorium, where two very successful industries carnivals have already been held.

CONTRACTOR AND SCHOOL BOARD SUED ON CLAIM FOR LOCKERS

Fink & Schindler, contractors for the Burlingame High School, and the members of the San Mateo Union High School Board of Education, are named as defendants in a suit filed in the Superior Court by the Fred Medart Manufacturing Company, a corporation, in which they seek payment for 564 steel lockers and 4 cabinets, alleged to have been furnished for the new plant.

Also named as defendants are J. J. Shields, county auditor; P. P. Chamberlain, counay treasurer, and the Globe Indemnity Company, writers of the bond of Fink & Schindler.

The complaint recites that the contract was awarded to Fink & Schindler on March 23, 1922, and at a later date the plaintiff received an order from the contractor for the lockers and cabinets. Delivery of the lockers has been made, it is alleged, but payment is refused by Fink & Schindler. The plaintiff company, represented by D. A. Knapp and J. L. Smith, San Francisco attorneys, demands judgment for the full amount of their claim, $1648.05, together with interest at 8 per cent from Jan. 29, 1923, attorney's fees of $412.01 and costs of suit.

ARCHITECT APPOINTED

Henry K. McGoodwin, well-known architect, has been appointed head of the Department of Architecture, and Chairman of the Faculty of the College of Fine Arts, at Carnegie Institute of Technology, Pittsburgh, to assume his duties with the next college year. In his two-fold capacity, Mr. McGoodwin will succeed Professor Harry Sternfeld, Acting Head of the Architectural Department, and E. Raymond Bossange, Director of the College of Fine Arts, both of whom have resigned. Incidentally, Mr. McGoodwins' choice is a re-appointment, as he was Acting Dean of the College of Fine Arts, and Head of the Department of Architecture when he left the institution five years ago.

STEEL TRADE REVIEW

The "Iron Age" says:

A number of steel companies have taken orders in June at a greater rate than in May buying for third quarter being on a scale pointing to well sustained operations for many weeks. Consumption and prices show but fractional charge.

With little holding up deliveries and notably few cancellations, summer weather is the only present limitation on Mill output. But it is likely that further reduction will come early in July. Heavy driving of past six months will require more than ordinary repairs at a number of plants and workers will welcome a holiday.

A significant price reduction is that in sheet bars. Three Central Western Mills have named $42.50 as their price for third quarter as against $45 for second quarter.

Automobile output will not be greatly curtailed in July but some makers have reduced specifications in order to carry a smaller stock of frames and other parts.

PAINTING BIDS WANTED

Bids will be considered by the State Highway Commission, Forum Bldg., Sacramento, on July 23 for cleaning and painting ten bridges located in San Benito, San Luis Obisop, Santa Barbara and Monterey counties. For further information prospective bidders are referred to the official call for bids published in another page of this issue of the "Builder".

Interchangeable Tooth Strip Saw Is Invention of R. R. Reed

A new handsaw designed to replace the type of saw now in use has recently been patented. This saw features an interchangeable tooth strip suggestive of the interchangeable safety razor blade now in common use. It is a marvel of practical mechanical application, the operation of exchanging blades requiring less than ten seconds.

The invention offers manifest advantages to the mechanic, and to the layman as well. It guarantees a sharp saw at all times, does away with the drudgery of filing, and enables the user to purchase three highgrade saws for less than he now pays for one. In addition it affects a material saving in box space and weight, a matter of importance to the mechanic moving his kit from job to job.

The photograph, reproduced from the S. F. Bulletin, shows the inventor, R. R. Reed, demonstrating the device to Charles W. Foy, Industrial Secretary of the Oakland Chamber of Commerce.

SILENT CEILINGS FOR NEWSPAPER PLANT

A perforated ceiling for the composing room in the new home of the New York Tribune, just installed, will do away with the traditional separate room for proof-readers, and enable them to read "copy" and proofs in the midst of the typesetting machines, according to the expectations of acoustical experts.

Clifford M. Swain, consulting engineer for the company which installed the acoustical correction, explains that a ceiling of perforated oil cloth, over a thick layer of felt, will absorb the short wave-lengths of sound, which produce the high pitches, and will completely do away with annoying reverberation. The effect will be same, Swain declares, as if the composing room were to be set up in the open air.

This is believed to be the first time in newspaper history that any attempt has been made to silence a composing room by the aid of acoustical science.

NEW VARNISH GUM IS FOUND IN MEXICO

Discovery of a new resin in Mexico, suitable for commercial purposes, has been announced by the industrial experimental laboratory of the Mexican Department of Industry, the Commerce Department is advised by the office of the commercial attache at Mexico City.

The resin is fro ma tree known by the name of cuapinole, found in the tropical zone of Mexico. When analyzed by the laboratory the resin was found to be of such quality that it can be used in the manufacture of the finest varnishes. The wood of the cuapinole tree is said to be one of the finest and most durable known, and for this reason is valued as much as cedar and mahogany.

One of the features of this new resin is that it is not soluble in either alcohol or gasoline as is the case with the majority of similar products, and can only be dissolved by an operation of melting and refining.

DAM TO CURB BAY WATERS IS PROPOSED

The project of placing a movable dam across the lower Sacramento river to prevent salt water from San Francisco bay from working up the stream is to be investigated during the coming fiscal year by the United States department of the interior, under the direction of Secretary Weeks, according to word from Washington. A large number of other reclamation and irrigation projects in eleven western states as coming within the scope of a general investigation for which $225,000 has been appropriated, is also announced.

The proposal to dam the Sacramento, which has within recent years received the attention of local army officials, state legislators and numerous engineers and other experts, grew out of the damage done to drinking water and crops along the lower reaches of both the Sacramento and San Joaquin rivers as the result of the seepage of salt water upstream from the bay.

Other California projects which are to receive the attention of interior department investigators during the coming fiscal year are those for a new site for a storage reservoir in Iron canyon, in the Sacramento valley, and irrigation possibilities in Hayfork River Valley.

Irrigation and reclamation proposals in Arizona, Colorado, Idaho, Nebraska, Nevada, New Mexico, Oregon, Texas, Utah, Washington and Wyoming are also to be investigated, according to the announcement made by the Departments of the Interior. These include the following:

Little Colorado and Williams Rivers, Arizona, below Lee's Ferry; White and Yampa rivers, Colorado; the so-called Rubois project in Idaho; Snake River rapids, with a view toward power development; Platte river, Nebraska, involving diversion and storage of flood and seepage waters and in some cases drainage works; use of waters of Virgin and Muddy rivers, Nevada, and cooperation of the state in investigating Estancia valley, New Mexico.

INVENTORS WANTED

The construction industry wants inventors. The average contractor today is using methods that were in vogue years ago and too infrequently there is introduced a new method, or a new machine of prime importance to replace hand labor. We are not referring to the thousand and one little things, new ways to figure rafters, new ways to beat the payroll and not cheat anybody, new ways to proportion aggregates, or comparatively small advancements steadily made and valuable in their place, but are thinking more of the big methods that save hundreds and thousands of dollars on the job. The man with an idea can cash in on it a thousandfold if he just tells his trade paper about it. The inventor of the concrete mixer made a great contribution to the field, so did the inventor of the steam shovel. Who is next?—American Contractor

SANITARY WARE MARKET

Great Britain has built up a large trade in moulded porcelain sanitary ware in Argentina, but vitrified china and enameled iron wash basins and bathtubs from the United States are finding increased acceptance. Germany, Belgium and Great Britain are the leading purveyors of pipe and metal fixtures to the Argentine market. Increased private and public construction is accelerating the movement of all kinds of plumbing supplies.

Union Scale of Wages and Hours of Labor

Bulletin No. 325 relating to the union scale of wages and hours of labor throughout the United States as of May 15, 1922, and showing comparison with preceding years, has just been issued by the Bureau of Labor Statistics of the United States Department of Labor. Advance figures of this report were published in the "Monthly Labor Review" of September, November, and December, 1922. The complete bulletin embraces returns from 66 leading industrial cities, and states the scale in 12 groups of industries embracing 91 trades and occupations, which reported an aggregate membership of 861,893.

In the average for all trades taken collectively the hourly wage rate on May 15, 1922, was 6 per cent lower than on May 15, 1921; 69 per cent higher than in 1917; 93 per cent higher than in 1913; 104 per cent higher than in 1910; and 115 per cent higher than in 1907.

In 1923 the regular hours of labor were at the same level as in 1921; 4 per cent lower than in 1917; 6 per cent lower than in 1913; 7 per cent lower than in 1910; and 8 per cent lower than in 1907.

Between 1921 and 1922, 70 of the 91 trades and occupations had a decrease in their hourly rates, 20 had an increase, and 1 no change.

Of the 91 trades and occupations reported, the average hours per week of 16 had been reduced, 21 has been increased, and 54 had no change in working hours in 1922 as compared with 1921.

The average rates of wages per hour as of May 15, 1922, for the country as a whole for a few typical occupations were: Bakers, 89.1 cents; bricklayers, $1.64; building laborers, 71.4 cents; carpenters, 97.3 cents; inside wiremen, $1.042; painters, $1.009; plasterers, $1.173; plumbers, $1.043; freight handlers, 65.1 cents; blamksmiths, 84.5 cents; machinists, 76.7 cents; iron molders, 74.6 cents; compositors, newspaper day work, $1.004.

The average rate per hour May 15, 1922, for all building trades combined was 96.3 cents; for chauffeurs, teamsters, and drivers, 55.7 cents; for granite and stone cutters, $1.062; metal trades, 74.6 cents; printing trades in book and job offices, 89.2 cents; newspaper offices, $1.036; and for all trades covered by the report, 85.8 cents.

As compared with May 15, 1913, the rates per hour on May 15, 1922, showed an increase of 167 per cent for bakers, 68 per cent for bricklayers, 114 per cent for building laborers, 83 per cent for carpenters, 90 per cent for inside wiremen, 99 per cent for painters, 74 per cent for plasterers, 68 per cent for plumbers, 96 per cent for freight handlers, 98 per cent for blacksmiths, 93 per cent for machinists, 92 per cent for iron molders, and 76 per cent for compositors, newspaper day work.

155 MILES OF PAVED ROADS IN CONTRA COSTA COUUTY

The total mileage of improved highways in Contra Costa County is 155.76, according to County Surveyor R. R. Arnold. The county's total road mileage is 564.76 miles. Of a total $4,000,000 paving program, $2,600,000 was raised through a bond issue voted in 1919, while the $1,400,000 came from the county's general fund.

Contra Costa County's highway system is summed up, as follows:

Cement concrete	118.24 miles
Asphaltic concrete	1.10 miles
Asphaltic macadam	36.52 miles
Total improved roads	115.76 miles
Total mileage	564.76 miles
Dirt and gravel roads	409 miles
Double slab construction (included in above)	39.74 miles
Percentage of roads in county paved	27.50%
Concrete bridges over 20 feet long	22
Steel bridges	10
Concrete overheads	1
Concrete subways	4
Wooden bridges over 40 feet long on main highways	17

These figures do not include the state built waterfront highway extending from Martinez along Carquinez Straits for twenty-five miles.

YOUNG RESIGNS FROM A. G. C.

Eugene Young has entered his resignation as secretary of the Associated General Contractors of America to enter business in Minneapolis. Mr. Young joined the staff of the association in May, 1922, and previous to that was secretary of the Minneapolis Builders' Exchange, which office he held for sixteen years, proving his ability in handling labor problems and in organization work. When he left that exchange it had a membership of 380, a modern 12-story office building and a surplus in the treasury. His resignation will take effect July 1, 1923.

OLDEST SAWN CALIFORNIA SHINGLE IS FOUND

The oldest sawn shingle in California has been found. It was 74 years old and came from an adobe dwelling, erected by the Arrellancs family in 1849 on the Guadaloupe Rancho, near Santa Maria in Santa Barbara County. The building originlly had a thatched roof of tule, but this was burned by General Fremont's soldiers, and then replaced by redwood sawn shingles.

This relic of the "Days of Gold" was submitted by W. L. Smith, manager of the Pacific Coast Coal Company of Santa Maria, who was awarded first prize in the state-wide contest conducted by Gus Russell of the Santa Fe Lumber Company. The contest grew out of the fight to "save the shingle" at the election last November. A. D. McKinnon, proprietor of the McKinnon Lumber Yard of Hollister, won second prize. He sent in a redwood shingle from the McMahon home in San Juan, San Benito County. The house was built in 1852. McMahon married one of the Breen girls, a survivor of the Donner Lake tragedy.

Many other very old redwood shingles were in competition. Among these was one from the house of General Mariano G. Vallejo in Sonoma. It had been doing duty since 1836; but was disqualified by the judges because it was a split shingle.

CONTRACTOR SUES OWNER

Ernest Green, Modesto contractor, has filed suit against H. F. Crow, owner of the Modesto Hotel, to collect $3150, alleged due on a contract said to have been cancelled by Crow.

Green alleges that he contracted with Crow in March, 1922, to supervise the construction of the Modesto Hotel annex for a compensation of $3,400. He claims he served until July 28th, 1922, receiving $250 for his services, when the contract was terminated by Crow. He asks the remainder of the amount due on the contract and costs.

Building News Section

APARTMENTS

Contract Let.
APARTMENTS Cost, $60,000
SANTA ROSA, Sonoma Co., Cal., B St.
Three-story concrete (15) apartments 7 2-room 5 3-room and 3 4-room.
Owner—Mrs. L. B. McGuire, 458 B St., Santa Rosa, Cal.
Architect—Mrs. L. B. Dolliver, Monadnock Bldg., San Francisco.
Contractor — Jas. Furlong, Monadnock Bldg., San Francisco.

Owner Taking Figures.
APARTMENTS, ETC. Cost, $10,000
SAUSALITO, Marin Co.
Two-story concrete store and apartment building.
Owner—Henry Andler, 1803 Fillmore St., San Francisco.
Engineer—F. C. Scheffauer, Mill Valley

Contract Awarded.
APARTMENTS Cost, $45,000
SAN FRANCISCO. N Grove W Franklin Street.
Three-story frame apartments.
Owner—W. J. Demaestri, 1116 Montgomery St., San Francisco.
Architect—O. R. Thayer, 110 Sutter St., San Francisco.
Contractor—E. K. Nelson Bldg. Co.

Figures To Be Taken in Two or Three Days.
APT. BLDG. Cost, $—
SAN FRANCISCO, N Pacific Ave. near Central Ave.
Three-story and basement apartment building (6 4-room and 8 5-room apartments).
Owner—S. A. Schwartz.
Architect — Henry Shermund, Hearst Bldg., San Francisco.
Steel frames, sub basement which will accommodate 20 cars.

Contract Awarded.
APARTMENTS Cost, $25,000
SAN FRANCISCO. Green near Franklin Street.
Two-story frame and plaster apts.
Owner—Withheld.
Architect—Fabre & Hildebrand, 110 Sutter St., San Francisco.
Contractor—Pene & Hodges, 1655 Market St., San Francisco.

Contract Awarded.
APARTMENTS Cost, $14,000
SAN FRANCISCO. Geary Street and Twenty-fourth Avenue.
Three-story and basement frame (7) apartments and stores.
Owner—Castello Pastori.
Architect—Milton W. Morrison, 716 41st Ave., San Francisco.
Contractor — Christiansen Bros., 518 25th Ave., San Francisco.

Figures To Be Taken Next Week.
APARTMENTS Cost $—
SAN FRANCISCO, NE Washington & Franklin.
Five-story brick apt. (32 3, 4 and 5-rm. apts. with 2 baths each, roof garden, etc.)
Owner—Mrs. Grace Perego and John Kincanon, 159 Sutter St., S. F.
Architect—W. C. Mahoney, 892 Union St., San Francisco.

Plans Being Prepared.
APARTMENTS Cost, $20,000
SAN FRANCISCO, S Chestnut near Webster.
Frame (6) apartments.
Designer and Owner — Mrs. Grace Perego and John Kincanon, 159 Sutter St., S. F.

Sub-Figures Being Taken.
APARTMENTS Cost, $—
SAN FRANCISCO. Washington and Franklin.
Two frame bldgs. of 6 apts. each.
Owner—Mrs. Grace Perego and John Kincanon, 159 Sutter St., S. F.
Architect—W. C. Mahoney, 892 Union St., San Francisco.

To Be Done By Day's Work.
APARTMENTS Cost, $115,000
SAN FRANCISCO, Sutter and Leavenworth.
Six-story and basement concrete (23) apartments.
Owner—L. B. Ham, 105 Montgomery St., San Francisco.

SAN MATEO—See "Miscellaneous," this issue.

Contract Awarded.
APARTMENTS Cost, $30,000
OAKLAND, Lennox Ave. near Grand Avenue.
Three-story 27-room apartments.
Owner—Louis A. Viereck, 2960 San Pablo Ave., Oakland.
Contractor—Guy Lynn Rosebrook, 1424 Franklin St., Oakland.

Plans Being Figured.
APT. BLDG Cost, $45,000
SAN FRANCISCO, Taylor near Broadway.
Three-story frame and stucco apt. bldg. (12 3-room apts.).
Owner—Withheld.
Architect—E. H. Denke, 1317 Hyde St. San Francisco.

LOS ANGELES, Cal.—Luther T. Mayo 531 Black Bldg., has the contr. at about $56,000 for erecting an apt. bldg. at 437 Westlake Ave., for Dr. Howard Erwood; will contain 49-rms., divided into single apts. Two-sto., tile and comp. rfg cem. slab constr., tile baths and drainboards, gas htg., water htr. hardwood fls., wall beds, O. P. trim. Plans by archt. E. B. Rust, 527 Black Bldg.

LOS ANGELES, Cal.—J. M. French Co., 404 Junior Orpheum Bldg., has the contract at $41,943, for erecting a 21-apt. bldg. on Trenton St., bet. 12th and Pico Sts., for H. B. Eakins, 1354 S Wilton Pl. Dimensions, 45x124 ft., frame and plas. constr., comp. rfg., tile baths and drainboards, gas rads., aut. water htrs., hardwood fls., wall beds, O. P. trim. Plans by A. Godfrey Bailey, 410 Junior Orpheum Bldg.

LOS ANGELES, Cal.—Arthur Hesse, 1117 Hollingsworth Bldg., has completed plans and will erect at 4-story class C apt. bldg. at 401 Rampart Blvd. for Mrs. Arthur Hesse; will contain 100 rms., divided into 50 apts. Brick, 4-sto. and basement, 76x110 ft., press brick facing, comp. rfg., terra cotta trim, steam htg. sys., unit water htr., hardw. fls., aut. elec. elevator, incinerator, plate glass, ornam. iron, tile and marble lobby, tile baths and drainbds., O. P. trim; $120,000.

LOS ANGELES, Cal.—Arthur Hesse, 1117 Hollingsworth Bldg., has completed plans and has the contr. to erect two 60-room 30-apt. bldgs. at 404 and 406 Rampart Blvd., for M. A. Samuel. Frame and plas. constr., comp. rfg., hardwood fls., tile baths and drainbds., tile lobby, ornam. iron wk., staff, unit water htr.; gas rads., wall beds, tile kitchen, marils, 50x110 ft. each, O. P. trim; $125,000.

LOS ANGELES, Cal.—Archts. Monaco & Bordeaux, 913 Bank of Italy International Bldg., are preparing plans for a 4-story class C apt. bldg., to be erected on Serrano St. near Wilshire Blvd. for S. M. Reiss; will contain 50 apts., with lobby. Brick, 4-story and basement, tile and comp rfg., hardw. fls., press. brick facing, tiled baths and drainbds., gas steam rads., unit water htr., wall beds, O. P. trim, aut. elec. elevator, art stone trim, steel beams; $140,000.

LOS ANGELES, Cal.—Thos. Jewell, 425 Pac. Finance Bldg., is preparing plans for a 70-room 34-apt. bldg. to be erected at 711 S Rampart Blvd. for Mrs. E. B. Bumiller. Three-story, 48x140 ft. frame and plas. constr., comp. rfg., pine trim, oak and pine fls., tiled baths and drainboards, wall beds, gas rads., water htrs., terrazzo lobby; $74,000.

LOS ANGELES, Cal.—Archts. Russell & Alpaugh, 1106 Story Bldg., have completed plans and are taking blds for erecting a 4-story class C apt. house at n.e. cor. of 11th and Lake Sts., for Julia A. Fitch. It will contain 130 rms., 55 apts.; dimensions, 90x145 ft., brick walls, conc. basement, press. brick facing, marble and tile work, steel beams, comp. rfg., pine trim, wall beds, water htrs., gas rads., refrigerating plant, elevator.

BONDS

SACRAMENTO, Cal.—Election will be held July 14 in Florin School District to vote bonds of $17,000 to finance school improvements. Trustees of district are: Thos. W. Venn, Benj. Thomas and W. L. Landsborough.

SONOMA, Sonoma Co., Cal.—Trustees of Sonoma Grammar School District plan bond issue to finance construction of additions to present school. An enlarged auditorium with balcony to seat 300 persons and two new classrooms are contemplated.

MERCED, Merced Co., Cal.—Until July 3, bids will be rec. by supervisors for the purchase of the $200,000 bond issue of the Merced Union High School District; proceeds of sale to finance school improvements.

DURHAM, Butte Co., Cal.—Bonds of $90,000 voted in Durham Union High School District to finance construction of new high school.

WILLOWS, Glenn Co., Cal.—Murdock School District will vote direct tax of $1500 July 5, proceeds to finance school improvements. W. R. Knapp, C. R. Westaby and G. E. Antwerp, trustees of district.

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AUBURN, Placer Co., Cal.—County fails to vote bonds of $175,000 to finance construction of new county hospital; preliminary plans for which were prepared by Architect W. H. Weeks, 369 Pine St., San Francisco.

AUBURN, Placer Co., Cal.—County fails to vote bonds of $100,000 to finance construction of new county jail and hall of records building. Preliminary plans for the proposed structure were made by Architect W. H. Weeks, 369 Pine St., San Francisco.

SAN JOSE, Santa Clara Co., Cal.—Until July 2 bids will be rec. by county supervisors for purchase of $10,000 bond issue of College Park School District; proceeds of sale to finance school improvements.

VISALIA, Tulare Co., Cal.—City Mgr B. J. Pardee recommends bond issue for $5000 to make repairs at city hall and municipal auditorium.

VISALIA, Tulare Co., Cal.—Among recommendations for a bond issue to finance improvements is $50,000 provision to finance purchase of fire fighting apparatus and erect two fire stations. B. J. Pardee is city mgr.

WHITTIER, Cal.—The $90,000 school bond issue carried at the recent election. The funds derived from the sale will be used for purchasing three new sites.

POMONA, Cal.—An election will be held shortly to vote on a $125,000 bond issue for additional bldg. and equipment for the high school under construction on E. Holt Ave.

WATSONVILLE, Santa Cruz Co., Cal.—Roache School District will vote tax of $2000 on July 16 to finance school improvements. Trustees of district are: Chris Sandholdt, M. A. Jennings and Magretha Miller.

SANTA MONICA, L. A. Co., Cal.—Board of education has set Aug. 7 as date for special election to vote on a $1,500,000 bond issue for necessary expansion of the elementary and high school systems.

MONROVIA, Cal.—A bond election will be held this summer to vote on an issue to provide for a municipal recreation park and public swimming pool. The issue will be for $150,000. Walter F. Dunn, mayor.

SAN MATEO, San Mateo Co., Cal.—Voters in San Mateo Union High School District fail to vote tax of $110,000 to finance school improvements and the purchase of needed equipment.

MODESTO, Stanislaus Co., Cal.—Until July 10, bids will be rec. by county supervisors for purchase of $24,000 bond issue of Keyes School District; proceeds of sale to finance construction of school improvements.

BAKERSFIELD, Kern Co., Cal.—Election will be held July 13 in Johannesburg School District to vote bonds of $1600 to finance school improvements. Trustees of district are: Mrs. Anna L. Myers and Mrs. Goldie M. Nosser.

MANTECA, San Joaquin Co., Cal.—Bonds of $16,000 voted in Castle Rock School District; proceeds of sale to finance school improvements.

SANTA CRUZ, Santa Cruz Co., Cal.—Bonds of $7500 voted in Scotts Valley School District; proceeds of sale to finance school improvements.

STOCKTON, San Joaquin Co., Cal.—Until July 16, bids will be rec. by supervisors for purchase of $12,000 bond issue of Bruella School District; proceeds of sale to finance construction of school additions.

SACRAMENTO, Cal.—Election will be held July 28 in Washington School District to vote bonds of $25,000 to finance school improvements. Trustees of district are: Geo. F. McDonnell, J. T. McGregor and Harry L. Murphy.

SUSANVILLE, Lassen Co., Cal.—City votes bonds of $15,000 to be added to $41,000 fund, already available, to finance purchase of site, erect city hall and purchase fire fighting equipment.

CHURCHES

Contract Awarded.
CHURCH Cost, $70,000
FRESNO, Fresno Co., Cal. No. 2336 Calaveras St.
Church building.
Owner—Temple Beth Israel.
Architect—None.
Contractor—Trewhitt & Shields, Rowell Bldg., Fresno.

SUTTER CITY, Sutter Co., Cal.—Wm. McFarland, Sutter City, has prepared preliminary plans for a one-story frame and stucco church to be known as the Sutter Community Church. Building committee consists of E. S. Wadsworth, R. L. Havens, C. L. Ely, Ross Wilbur and J. P. Colford.

TUCSON, Ariz.—Herbert F. Brown, Tucson, was awarded contr. by Methodist Episcopal Church trustees at $45,886 for constructing the new church bldg. at Euclid Ave. and Third St. Other contracts will bring the total cost to $75,000. Classic design, cream colored brick facing. The auditorium will seat 700. H. O. Jaastad, 96 N Stone Ave., archt.

LOS ANGELES, Cal.—Carl Hallin, 2111 Santa Cruz St., has the contract for excavating and constructing conc. founds. for the new St. Stephens church bldg. to be erected at Hollywood. Mercereau Bridge & Const. Co. has the contract for pile foundations. Walker & Eisen, 325 Pac. Finance Bldg., archts. Bids for general constr. work will be taken in about two weeks.

ORANGE, Orange Co., Cal.—Immanuel Lutheran Church has started work on a $60,000 church edifice at the cor. of Chapman Ave. and Pine St., Orange. Building will be of Mission style architecture, stucco exterior, tile roof, with 5-story steeple. A $15,000 pipe organ will be installed. Rev. H. F. Jensen, pastor. The completed plant will cost $110,500.

LOS ANGELES, Cal.—Archt. Elmer Grey, Bank of Italy Bldg., is preparing working drawings for a class A addition to the Second Church of Christ Scientist bldg. at Adams and Hoover Sts. It will contain Sunday school rms. and will be 1-story and part 2-story, 50x100 ft., reinf. conc. constr., press. brick facing, hardw. trim, steam htg.

FACTORIES & WAREHOUSES

To Be Done By Day's Work—All Sub-Contracts Awarded.
SUISUN, Cal.
Frame and corru. iron salt works (16 tanks).
Owner—Roscoe Haegelin Co., Suisun.

Contract Awarded.
FACTORY Cost, $—
LOLETA, Humboldt Co., California.
Two-story reinforced concrete can factory, 80 by 240 ft.
Owner—Libby, McNeil and Libby.
Architect—Engineering Dept. of Owner.
Contractor—F. J. Leonard, Lewis Bldg., Portland, Ore.
Construction is being carried on under the supervision of Architect Frank T. Georgeson, of Eureka, Calif.

Plans Being Prepared.
WAREHOUSE Cost $—
PORTLAND, Oregon.
Reinforced concrete warehouse.
Owner—W. P. Fuller Co., Front and Morrison Sts., Portland.
Architect—John V. Bennes, Chamber of Commerce Bldg., Portland.

Contractor Taking Sub-Figures.
ADDITION Cost, $300,000
SAN FRANCISCO, 3rd and 21st St.
Two-story reinforced concrete addition to factory building.
Owner—American Can Co.
Architect—C. G. Price, of the American Can Co., New York.
Contractor—Lindgren Co., Monadnock Bldg., San Francisco.
Sub bids on all work except concrete steel sash and doors and elevator.

LOS ANGELES, Cal.—Archt. A. C. Martin, 431 Higgins Bldg., has completed plans and is taking bids for the erection of a class A warehouse, at San Pedro and Commercial Sts., for L. A. Warehouse Co. It will be 100x160 ft., reinf. conc. constr., basement, comp. rfg steel sash, elevator, steel rolling doors, metal skylights, wire glass, sprinkler system.

VAN NUYS, Cal.—Company is being organized by local men, including N. J. Wittmer, and D. C. Shank, Fresno, to build a planing mill on a site on Cedros Ave., bet. Bessemer and Calvert Sts., 255x200 ft. The first unit will be a saw-tooth bldg., 90x100 ft. The first unit will start about July 1.

OAKLAND, Cal.—Eureka Lumber & Planing Mill, whose plant was destroyed by fire recently, will construct plant on a new site in East Fourteenth St., according to announcement of C. W. Gilbert, one of the owners. Early construction is contemplated.

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OROVILLE, Butte Co., Cal.—Mt. Ida Packing Co., Railway Ave., Oroville, in addition to enlarging its warehouse quarters, plan to install a series of storage tanks with a total capacity of 300,000 tons of olives. B. B. Meek, president of company.

GARAGES

Figures To Be Taken Shortly.
STORE & GARAGE Cost $—
SAN FRANCISCO, S Eddy St. 87-6 E Hyde.
Two-story and basement reinf. conc. garage bldg., designed to carry 4 stories.
Owner—L. W. Allen.
Architect — O'Brien Bros., 315 Montgomery St., San Francisco.

GOVERNMENT WORK AND SUPPLIES

Bids Opened.
ALTERATIONS.
FORT MASON, Cal.
Alterations to steam main and heating seven buildings
Owner—U. S. Government.
Architect—Constructing Quartermaster Office, O. W. Degen, Chief Eng. and Architect, Fort Mason.
(1) Pipe Line; (2) Red Cross Bldg.; (3) Post Ex. Bldg.; (4) 5 barrack bldgs. Jas. Currie, 3120 Balboa St., (1) $16,892; (2) $1541; (3) $634; (4) $1100 each.
Turner Co., (1) $16,200; (2) $1660; (3) $620; (4) $1360 each.
Burnham Plumbing Co. (1) $21,316; (2) $1862; (3) $723; (4) $1471 each.
Bids taken under advisement.

WASHINGTON, D. C.—Until July 17, 10:30 A. M., bids will be rec. by Panama Canal Commission, for fur. and del. Balboa (Pacific Port) under Circular No. 1538: Automatic telephone equipment and air-conducting apparatus. Spec. obtainable from Ass't. Purchasing Agent, Fort Mason, San Francisco.

SAN FRANCISCO—Until July 5, 11 A. M., bids will be rec. by U. S. Engineer Office, 85 2nd St., under Order No. 4620, for fur. and del. four timbers for use as "spuds" for dredges. Must be selected old growth yellow Douglas Fir, 60 ft. long.

SALT LAKE CITY, Utah.—Until July 10, bids will be rec. by U. S. Reclamation Service, Salt Lake City, for core drilling on the Weber River project, Utah. Work will include from 1000 to 1500 lin. ft. of drill holes and is located at two points on the tributaries of the Weber river near the town of Huntsville and Coalville, Utah.

PORTLAND, Ore.—Commercial Iron Works, Union Ave. and Stephens St., Portland, Ore., at $36,000 awarded contract by U. S. Engineer Office, for fur. and install. boiler and tank for U. S. Dredge Clatsop. Other bidders were: Albina Marine Iron Works, Lewis and Loving Sts., Portland, Oreg., $43,000.
Smith & Watson Iron Works, Portland, Oreg., $46,950.
Willamette Iron and Steel Works, N. Front and 22nd Sts., Portland, Oreg., $56,000.

SAN FRANCISCO—Rear Admiral E. R. Stitt, Surgeon General of the U. S. Navy and Chief of the Bureau of Medicine and Surgery, now in San Francisco, on his return to Washington, will recommend the construction of a modern fireproof hospital costing $500,000 at the Mare Island Navy Hospital. Other improvements he will recommend include: that in addition to the erection of a new administration building at Mare Island to cost $500,000 that plans be made to tear down the other wooden structures there and fireproof structures be erected; the rebuilding and enlarging of the Puget Sound Navy Hospital so that it is fireproof and will accommodate 1000 instead of 22 as at present; that Congress give an additional appropriation of $750,000 for additions to the new navy hospital at San Diego, which has been recently occupied and which has cost $1,975,000.

WASHINGTON, D. C.—Bids are being rec. by Bur. of Yards and Docks, Navy yards, as follows: date for opening bids as noted at end of each paragraph:
Schedule 979, for Mare Island, 400 steel dish pans, July 10.
Sched. 982, for Mare Island, $25,000 lbs. medium bar steel, July 10.
Schedule 983,for Puget Sound, sheet and plate steel, July 10.
Sched. 989, for Mare Island and Puget Sound, 1400 padlocks, July 17.
Sched. 990, for Puget Sound, 1070 pipe wrenches and 335 monkey wrenches, July 17.
Sched. 991, for Puget Sound, 36,700 bolts and nuts, July 17.
Sched 992, for Mare Island, 30,000 nickel silver table spoons, July 17.
Sched. 993, for various navy yards, abrasive wheels, July 3.
Sched. 1001, for Puget Sound, switches, frogs, crossing and guard rails, July 17.
Sched. 1004, for Mare Island, 10,000 lbs. mineral lubricating grease, July 17.
Sched. 1008, for Mare Island, 250 hand drills, July 17.

DENVER, Colo.—Following bids rec. by U. S. Reclamation Service, for fur. metal spillway gates for Black Canyon dam, Boise project, Idaho, and the Tieton dam, Yakima project, Wash.:
Lakeside Bridge & Steel Co., North Milwaukee, Wis., item 1, $46,800; 2, $39,000.
Omaha Steel Works, Omaha, Nebr., item 1, $41,100; 2, $49,200.
The Vulcan Iron Works Co., Denver, item 1, $48,990; 2, $41,990.
Minneapolis Steel & Machinery Co., Minneapolis, Minn., item 1, $45,879; 2, $50,166.
Bethlehem Shipbuilding Corp., Ltd., item 1, $62,000; 2, $57,000.
Paxton & Vierling Iron Works, Omaha, Nebr., item 1, $65,590; 2, $61,800.
Western Pipe & Steel Co. of California, San Francisco, item 1, $69,000; 2, $63,000.
Milwaukee Bridge Co., Milwaukee, Wis., item 1, $70,950; 2, $66,900.

WASHINGTON, D. C.—Until July 18 11 a. m., bids will be rec. by Bureau of Yards and Docks, Navy Department, to const. pipe line with valves, hydrants and valve boxes at Naval Operating Base, Pearl Harbor, T. H. Spec. 4827. **See call for bids under official proposal section in this issue.**

SAN DIEGO, Cal. — Great Western Co., Spreckels Bldg., San Diego, at $4,977, time to complete 75 days, awarded contract by Supervising Architect, Treasury Department, Washington, D. C., to construct new gangway at Quarantine Station at San Diego.

WASHINGTON, D. C. — Bureau of Yards and Docks, Navy Department, has rejected bids for improvements under the following specifications:
Spec. 4764, Puget Sound, Wash., freight elevator pier No. 1.
Specification 4764, San Diego, Calif., two barracks.
Specification 4765, San Diego, Calif., barracks building.
Specification 4766, San Diego, Calif., roads at marine barracks.

STOCKTON, San Joaquin Co., Cal.—Bids are being received by the Custodian of the Postoffice for changes in post office screens. Date for opening bids not yet set. Further information may be had from the custodian at Stockton.

SAN DIEGO, Cal.—All bids for constructing barracks bldgs. under spec. 4765 and for constructing roads at marine base, under spec. 4766 were rejected. Bids for barracks under spec. 4764 were also rejected.
(44382) 1st report Dec. 5, 1922; 4th June 1, 1923.

HALLS AND SOCIETY BUILDINGS

Plans Being Prepared.
CLUB BLDG. Cost, $600,000
SACRAMENTO
Four-story reinforced concrete athletic club building fully equipped.
Owner—Sacramento Athletic Club, Sacramento.
Architect—Leonard Sparks, Ochsner Bldg., Sacramento.

Contract Awarded.
CLUB BLDG. Cost, $15,000
RENO, Nevada.
One and one-half-story frame and stucco club house, 110 by 40 ft. with locker rooms for 125 members.
Owner—Reno Golf Club.
Architect — F. J. DeLongchamps, Gazette Bldg., Reno, Nevada.
Contractor — J. Bernasconi, 1030 W. Second St., Reno, Nevada.

MARYSVILLE, Yuba Co., Cal.—I. C. Evans, 802 E St., Marysville, at approx. $16,000 awarded contract by Masonic Fraternity to remodel Masonic Hill; work to consist of kitchen addition and rest rooms, armory quarters, enlarge banquet rooms, etc.

DINUBA, Tulare Co., Cal.—Friend & Kimzey, architectural designers, Dinuba, are completing plans for Fraternal Hall to be erected at East Tulare and K Streets. Will be two stories in height, brick construction, with stores on ground floor; est. cost $25,000.

OAKLAND, Cal.—Oakland Lodge No. 171, B. P. O. E. has purchased site at southeast corner 20th and Broadway and will erect an 8 or 4-story fireproof store, club and lodge building. Est. cost of construction $750,000

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All Work Guaranteed

SEBASTOPOL, Sonoma Co., Cal.—Evergreen Lodge of Odd Fellows and Knights of Pythias lodge of Sebastopol are planning joint construction of modern lodge and store building. Building association will be formed immediately to finance the structure.

POMONA, Cal.—Until 12 o'clock noon July 20, bids will be received by the secretary of Pomona Lodge, B. P. O. E., Pomona, for the erection of a lodge bldg. at cor. Holt and Garey Sts.; cost $150,000. Bids will be taken separately on general, plbg., heating, ventilating, wiring and decoration. Plans and spec. may be obtained at the office of Architect Frank K. Benchley, E. K. Benchley Bldg., Fullerton. Bldg. will be 2-story and basement, 146x109 ft.; brick constr., stucco exter., comp rfg., with ornam. tile.

LOS ANGELES, Cal.—Edwards, Wildey & Dixon, Black Bldg., Los Angeles, was awarded contr. at $70,292 for all work complete except hot water service plant, elec. fix., gas rad., sewage disposal, metal partitions in showers, etc., and finish hardware, for constr. of Oakmont Country Club clubhouse in north Verdugo Canyon, Glendale; plans by Archt. Chas. Cressey of Roy L. Kent Co., 130 S Brand Blvd., Glendale. Time limit, 4½ mos.

Bldg. will be 318 ft. long by 90 ft. deep over all, frame with shingle rf. and exter. walls, cobblestone faced foundation, inter. finished with Celotex with O. P. and redwood trim, oak and maple fls.; dining rm., 70x41 ft., with curved ceiling 21 ft. high; lounge rm., 60x42 ft. with 4-way brick fireplace in center; grill rm., 35x46 ft.; men's locker 56x35 ft.; ladies' parlor 16x19 ft.; billiard rm., 35x18 ft.; kitchen, 34x41 ft.; separate wing for ladies' locker, showers and dressing rm.; working basement containing stewards quarters; annex containing professional shop and show rm. and caddy house; open terrace and pergola on east front, 95x150 ft.; main entrance hall, office and secretary rm. at main entrance on west; open area west of clubhouse to accommodate 100 autos with pipe rail and canvas covering; 350 steel lockers.

SAN BERNARDINO, Cal.—Archt. H. E. Jones, 405 Katz Bldg., has completed plans and spec. for the new $45,000 club house for the Knights of Pythias at the cor. 6th and F Sts. Bids will be called next week. Spanish type architecture, reinf. conc., 2-sto., 54x116 ft. The bldg. will be used exclusively for club purposes.

HOSPITALS

The following bids were received and contract awarded low bidder for the construction of a 4-story and basement brick nurses' home at the French Hospital at 6th Avenue and Geary St., San Francisco, from plans by Architect A. J. Fabre, 110 Sutter St., San Francisco:

Contract awarded to H. H. Larsen, Monadnock Bldg., San Francisco. Contract includes all work.

Gaston Pene, S. F.	$92,000
Robert Trost, S. F.	80,615
J. Martinelli, S. F.	84,940
F. L. Hansen, S. F.	89,300
Larsen-Siegrist Co., S. F.	87,230
Vukicevich & Bagge, S. F.	86,175
Reilly & Nemetz, S. F.	82,480
P. R. Ward, S. F.	90,156
G. Petersen, S. F.	82,994
Matthew Brady, S. F.	89,900
J. Collin, S. F.	90,000
Alfred H. Vogt, S. F.	82,864
John Spargo, S. F.	127,000
Moller & De Lucca, S. F.	92,114
W. J. Stephens, S. F.	88,794
Mattock & Feasey, S. F.	89,125

EVERETT, Wash.—A. W. Quist & Co., Hoge Bldg., Seattle, at approx. $300,000 awarded contract by Archt. John Graham, Smith Bldg., to erect 4-story brick and concrete hospital at Everett for the Sisters of Charity House of Providence. The contract includes all work with exception of plumbing, heating and electric work.

FRESNO, Fresno Co., Cal.—County supervisors have appropriated $40,000 to finance construction of quarters for clinic and receiving ward at county hospital. Bids for construction will probably be asked June 29. D. M. Barnwell is county clerk.

HOTELS

Contractor Taking Sub-Figures.
HOTEL & STORE Cost $—
RICHMOND, MacDonald Ave. between 15th and 16th Sts.
Two-story reinforced concrete hotel and store bldg. (30 rooms).
Owner—B. Shapiro.
Architect—Roy Bancroft & T. H. Slocumb, St. Marks Hotel, Oakland.
Contractor—Taudy & Theis, 719 6th St., Richmond.

Plans Being Figured.
HOTEL Cost, $250,000
MONTEREY, Monterey Co., Cal.
Three and 4-story reinforced concrete or hollow tile hotel (about 200 rms)
Owner—Romie Jacks, Monterey.
Architect — O'Brien Bros., 315 Montgomery St., San Francisco.

Contract Awarded.
STORE & HOTEL Cost, $1,425,000
SACRAMENTO, Cal., NW 12th and L Streets.
Ten-story class A store and hotel bldg. 240x160, 400 rooms.
Owner—E. Troop & W. C. Crittenden and associates, S. F.
Architect—Kenneth MacDonald & Maurice Couchot, 234 Pine St., S. F.
Contractor—Cahill Bros., 110 Sutter St., San Francisco.
Grading let to Chas. Harlowe, Sacramento.

GLENDALE, Cal. — Archt. H. W. Charlton, 333 San Fernando Bldg., is revising plans for a 4-story class C store and hotel bldg., to be erected at Brand Blvd. and Lomita St., Glendale, for James Cohn; will contain 10 stores and 140 rms., 80% baths, with large lobby. Brick 90x175 ft., press. brick facing, comp. rfg., terra cotta trim, tiled baths, steam htg., 2 elec. aut. elevators, basement, copper store fronts, plate glass, ornam. iron work, cem., hardw and O. P. fls., billiard rm., steel sash; $175,000.

LOS ANGELES, Cal.—Archt. William H. Bowen, 813 Union League Bldg., has completed plans for a 4-story, class C hotel bldg., to be erected on Hartford Ave., bet. 7th and 8th Sts., for F. O. Jean, who is taking bids on sub-contracts. It will contain 80 rooms. Dimensions, 50x123 ft., brick walls, press. brick facing, marble and tile work, comp. rfg., fire escapes, pine trim, tiled baths, steam htg. system, aut. elevator, struc. steel.

Does your painting work come up to your requirements? Are you sure of the qualifications of your painting contractor? Plans and specifications are only a guide as the execution of the work will and must depend upon the experience and integrity of the man you select. Are you purchasing this very important item after a hit-and-miss fashion.

The best guarantee of the QUALITY of OUR SERVICE is the adherence to the HIGHEST painting standards for nearly 40 years.

A. Quandt & Sons
Painters · Decorators
Since 1885
374 GUERRERO STREET · MARKET 1709
SAN FRANCISCO
Los Angeles

QUINCY, Plumas Co., Cal.—Plumas House, recently destroyed by fire, will be replaced with a modern fireproof hotel, according to Phil Blume, proprietor. Preliminary plans have been prepared.

SANTA BARBARA, Cal. — Mission City Hotel Co. is planning to erect a 4-story 100-room hotel on State St. near Cota St. A permit to sell stock has been granted. Cost, approx. $200,000. J. Y. Parker, contractor, is one of the directors. The new hotel will be known as El Presidio. Excavation has been completed, having been started for another bldg., the Mission Inn, which did not materialize.

ICE AND COLD STORAGE PLANTS

VALLEJO, Solano Co., Cal.—San Pablo Ice Co., Foot of York street, Vallejo, has purchased site 100 by 100 ft., in vicinity of North Vallejo depot and plans erection of new plant.

POWER PLANTS

To be Done by Day's Work.
SUB-STATION Cost, $36,000
SAN FRANCISCO. Minna St. near Eighth Street.
Owner—Pacific Gas & Electric Co., 445 Sutter St., San Francisco.

SEATTLE, Wash.—Until July 6, 10 a. m., bids will be rec. by C. B. Bagley, secy. Board of Pub. Wks., for fur. f. o. b. cars Seattle, structural steel and steel sash for North Sub-Station of the Skagit River Power project. Cert. check 5% payable to Mayor and City Comptroller req. Plans obtainable from secy.

TURLOCK, Stanislaus Co., Cal.—Turlock Irrigation District contemplates expenditure of $500,000 to complete electrical distributing system.

SAN LUIS OBISPO, Cal.—Southern Pacific R.R. Co. will construct a $50,000 power plant at the company yards in this city. Will have battery of 4 water tube boilers of 100 h. p. each.

ASTORIA, Ore. — Astoria Central Heating Co. granted franchise by city council and construction will be started shortly on plant to furnish city with heat. Plans call for providing steam for 6,000,000 cu. ft. space during first year of operation, 8,000,000 for second and 12,000,000 for third year. Plans will burn hog fuel which is now being burned in mill incinerator. Est. cost $102,000. F. J. Dorsey, formerly of Vancouver, B. C., will be in charge of work.

SALT LAKE CITY, Utah—Plans for one of the largest projects in the west, involving the expenditure of approx. $10,000,000 and employment of more than 1000 men over a period of 3 years, having been disclosed by officials of the Utah Power & Light Co. Beginning of actual operations is held up pending a decision by the federal power commission at Washington, officials of the company said. The project would entail the construction of a hydro-electric generating station at Fleming gorge, on the Green river in Utah, about five miles below the Utah-Wyoming boundary line. A transmission line would carry the power to a terminal here, from where it would be distributed to various points of consumption. The projected plant would furnish 60,000 h. p., if required, under the plans.

SANTA MONICA, Cal.—See "Miscellaneous Construction," this issue.

PUBLIC BUILDINGS

MODESTO, Stanislaus Co., Cal.—Bids will be asked shortly by the city council to erect two bungalow firehouses, one at Second and G Sts., and another at

Bearing [illegible] for which bonds of $16,000 were recently voted. L. A. Love, is city clerk.

Contract Awarded.
ALTERATIONS Cost, $22,990
RICHMOND, Contra Costa Co., Cal.
Alterations and additions to Carnegie Library.
Owner—City of Richmond, A. C. Faris, city clerk.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
Contractor — Cobby and Owsley, Call Bldg., San Francisco.
Bids for heating rejected. Other bids still under advisement.

Preliminary Plans Made.
AUDITORIUM Cost, $190,000
HANFORD, Kings Co., Cal.
Fireproof Municipal Auditorium.
Owner—City of Hanford.
Architects Cattes and Travers, Rowell Bldg., Fresno, Calif.
Erection of structure depends upon bond issue to be held June 29th.

Bids Under Advisement.
AUDITORIUM Cost, $——
MARYSVILLE, Yuba Co., Cal.
Two-story concrete and steel American Legion Auditorium.
Owner—Interests represented by W. H. Carlin, Ellis Block Marysville.
Architect—Miss Julia Morgan, Merchants' Exchange Bldg., S. F.
I. C. Evans, 802 E St., Marysville (low) $118,940
C. N. Marders, 714 9th St., Marysville 119,995
Herndon & Finnegan, 1814 17th St., Sacramento 123,400

MANTECA, San Joaquin Co., Cal.—City trustees appoint committee to work out ways and means to erect new city hall with accommodations for post office quarters to be leased to U. S. Government. A two-story structure will be erected at a cost of approximately $23,000.

LOS ANGELES, Cal.—Until 11 a. m., July 23, bids will be received by the board of supervisors for furnishing and installing metal filing cases in office of registrar of voters in the Court House.

SPARKS, Nevada.—Reno Plumbing & Heating Co., Reno, at $5775 awarded contract to install plumbing and heating system in men's ward for Care of Indigent Insane at Sparks, Nevada. F. J. DeLonghamps, architect, Gazette Bldg., Reno. Other bids: Jacob C. Meyer $6186; Savage and Sons $5950.

HOLLISTER, San Benito Co., Cal.—Architect Lewis P. Hobart, Crocker Bldg., San Francisco, at the request of personal friends, will prepare plans and specifications for the proposed soldiers' memorial building to be erected in Hollister. The commission is accepted without cost to the backers of the project.

LOS ANGELES, Cal.—Until 11 a. m., July 23, bids will be received by the board of supervisors for furnishing and installing steel cells and jail equipment in the new Hall of Justice bldg. to be erected at Temple St. and Broadway.

ALHAMBRA, Cal.—Archt Scott Quintin, Alhambra, has been selected to prepare plans for the new fire station to be erected on N Stoneman Ave., under the $75,000 bond issue. This bldg. will cost $36,000. Mr. Quintin will receive $975 for his services in preparing the plans and supervising construction.

OLYMPIA, Wash. — State Capitol Committee has rejected bids to const. main portion of Legislature building for state capitol group. This is second time bids have been rejected. Low bid was submitted by Western Construction Co., Seattle, at $875,812. Wilder and White, New York, architects.

SACRAMENTO, Cal.—Until July 5, 9:15 p. m., bids will be rec. by H. G. Ingersoll, city clerk, to repair and paint various fire stations in city. Cert. check 10% amount to City Controller req. with each bid. Plans on file in office of city clerk.

RESIDENCES

Plans Being Figured.
PARISH HOUSE Cost, $20,000
OAKLAND, Grand & Montecito Ave.
Frame and brick veneer parish house 40 by 75.
Owner—St. Paul's Episcopal Church, Bay and Montecito Ave., Oakland.
Architect — Benj. G. McDougall, 381 Bush St., San Francisco.

Plans Being Prepared.
BUNGALOW Cost, $5000
SAN MATEO, California.
Five-room frame and stucco bungalow.
Owner—W. L. Robert.
Architect—Walter King, Call Bldg., San Francisco.

DINUBA, Tulare Co., Cal.—J. H. Graham & Son, Dinuba, at approx. $15,000 awarded contract to erect residence for Vern Byers at Adeline and Alta Avenue.

CHAMBERLAIN COMPANY
Agents Pratt's Sand Blasting Sand
2550 E Ninth Street, Los Angeles, June 25, 1923.

my Dear Mister PRatt.
Dere friend aNd Brother.

i am the Office boy at CHAMBERLAIN AND CO. and HE—Mister Kellog—told the ladie wat runs the letter writing insterment to rite you a letteras giving you a name for your new rock which he—Mister Kellog—expex to win first prise as per your letter to him of uneven date giving instructions and which I found in wastbasket and which I hav befor me to hand. the name he—Mister Kellog said did not meen nothing to me and so I take this opertunnity to tell you as what it should be—namely

PRATT'S PIONEER CONCRERON

Thats it Mister PRatt cause it has a reason thus Pioneer refers to the old pioneer men what cauzed it—the rock—to be—see Mister they took out all the gold and left you just what you wuz lookin for and what wuzit you lookin for—why concrete rock so ther i gets the idea CONCRERON.—PIONEER CONCRERON—and ferther more—look at the first of those two words and see P CO yes. PRATT Co. and they know just who sells it. Now Mister Pratt it takes more than Humane inteligents to think all that out anyway. and now and lastly if I don't win all the prises why the first is preferred, and oblige

Timmie Murphey
IN care of CHAMBERLAIN COMPANY.

OFFICE OF ASSISTANT CAR DISTRIBUTOR, SOUTHERN PACIFIC CO.
Sacramento, June 5th, 1923.

Mr. Clarence Sand Pratt,
San Francisco,
Dear Sandy Pratt: $250.00 for a name. That sounds good and someone will get it. Still having in mind the very interesting contest when your Pratteo Amber sand was named, two years ago, am hereby submitting a few names for the rock from your new plant near Folsom:

Pratt's "Goldbed" Crushed Rock
Pratt's "Diamond" Crushed Rock
Pratt's "Diamond Edge" Crushed Rock

Pratt's Goldbed Crushed Rock,
Is the name of a rock from Prattrock,
Prattrock is on the Folsom road,
Where once its names was linked with gold.
But the dredgers since then have brought to view,
The best rock for concrete roads and buildings too.
And soon this rock will wend its way, Into the valleys and around the bay.
And like small acorns, which into tall oaks grow,
Pratt's Goldbed crushed rock into concrete buildings, bridges, streets and general construction will go.
If mixed with your Marysville, American River, or Pratteo Amber Sand,
Will make the best concrete mixture in the land.
And every builder far and near,
Will shout Hurray! Pratt's Goldbed rock is here.

Your letter does not state when the contest ends, and I am hopping that it will not be too soon, as every one in the office is thinking hard and anxious to submit the best name. The above is for a starter but in the next letter you can expect a larger list of names, among which you might select the prize winner. Thanking you for the privilege of submitting names and competing in your most interesting contest, I am,

Yours truly,
L. A. MINI,
Assistant Car Distributor.

PLEASE READ Timmie Murphey's letter.
• • •
FROM LOS Angeles.
• • •
IT IS good.
• • •
EVEN IF written.
• • •
BY A boy.
• • •
AND CLARENCE Sand Pratt, President.
• • •
OF THE Pratt Building Material Co.
• • •
DOUGLAS 300—"easy to remember."
• • •
AND PRODUCER.
• • •
OF CLEAN, sharp sand.
• • •
IS GLAD to hear from Timmie.

AND ALSO from L. A. Mini.
• • •
AND HIS poetry-like letter.
• • •
"I THANK you."

A Rock Canary, singing "Rock-a-by-baby" at Prattrock, home of Sandy Pratt's new crushed rock and crushed gravel plant.

Ready for Sub-Figures Shortly.
RESIDENCE Cost, $——
RYDE, Sacramento Co., bet. Ryde and Walnut Grove.
Two-story and basement frame and stucco residence with full concrete basement and fireproof vault (15 rooms, 5 baths).
Owner—Withheld.
Architect—Henry C. Smith, Humboldt Bank Bldg., San Francisco.

SCHOOLS

Plans Completed—Ready for Figures July 2.
SCHOOL Cost, $45,000
STOCKTON, San Joaquin Co., Cal.
Interior of auditorium of Stockton high school.
Owner—Stockton School District.
Architect—Louis Stone, 357 12th St., Oakland.

Plans Being Figured—Bids Close July 5, 8 P. M.
SCHOOL Cost, $——
MODESTO, Stanislaus Co., Cal.
Electric wiring, electric heating, blackboards and window shades.
Owner—Modesto Junior College District Modesto.
Architect—W. H. Weeks, 369 Pine St., San Francisco.

Contract Awarded.
ADDITION Cost, $22,501
SAN JOSE, Santa Clara Co., Cal.
One-story concrete 6-room addition for school.
Owner—Hester School District.
Architect—Wyckoff & White, Growers' Bank Bldg., San Jose.
Contractor — Palo Alto Construction Co., Palo Alto.

Plans Being Completed.
SCHOOL Cost, $25,000
BURLINGAME, San Mateo Co., Cal.
One-story brick and frame 4-rm school and auditorium.
Owner—Burlingame School District.
Architect—E. L. Norberg, 593 Market St., San Francisco.

Bids Wanted—Bids Close July 9.
SCHOOL Cost, $35,000
SACRAMENTO, Cal., Riverside Road.
Onestory frame and stucco school (tile roof).
Owner—City of Sacramento.
Architect—Wollett & Lamb, Mull Bldg. Sacramento, Calif.
See call for bids under official proposal section in this issue.

Preliminary Plans Being Prepared.
GYMNASIUM Cost, $100,000
WATSONVILLE, Santa Cruz Co., Cal.
Reinforced concrete high school gymnasium.
Owner—Watsonville Union High School District, Watsonville.
Architect—W. H. Weeks, 369 Pine St., San Francisco.

Contracts Awarded.
GYMNASIUM Cost, $21,000
BERKELEY, Alameda Co., Cal., Rose and Grant St.
One-story reinforced concrete gymnasium building.
Owner—Berkeley Bd. of Education.
Architect—Wm. C. Hays, 1st National Bank Bldg., San Francisco.
General Contractor—Connor & Connor, 1726 Grove St., Berkeley.
Lathing and plastering to T. H. Lester 351 12th St., Oakland, $2470.
Structural iron work to Golden Gate Iron Works, 1541 Howard St., S. F. $3200.
Heating and ventilating to J. E. O'Mara 445 Minna St., S. F., $5979.

Contract Awarded.
SCHOOL Cost, $——
BERKELEY, Alameda Co., Cal. Ward, California and Derby Sts.
Three classrooms on 2nd floor of Longfellow School.
Owner—Board of Education, 2133 Allston Way, Berkeley.
Architect—Wm. C. Hays, 1st National Bank Bldg., San Francisco.
General contract to F. W. Maurice, 1362 E-25th St., Oakland, $1750.
Lathing and Plastering to Wm. Makin, 1048 Excelsior Ave., Oakland, $660

Contract Awarded.
ADDITION Cost, $13,000
OROVILLE, Butte Co., Cal.
One-story brick and stucco (addition) for gymnasium domestic science and manual training rooms (Bird Street School).
Owner—Oroville Grammar School Dist.
Architect—Not Stated.
Contractor—Floyd Headrick, 1506 Bird St., Oroville.

Preliminary Plans Being Prepared.
SCHOOL Cost, $100,000
WATSONVILLE, Cal.
Two school buildings. (8 and 6 rooms)
Owner—Watsonville Grammar School District, Watsonville.
Architect—W. H. Weeks, 369 Pine St., San Francisco.

Bids Rejected—Figures to be Taken Shortly.
SCHOOL Cost, $——
PLEASANTON, Alameda Co., Cal.
One and two-story reinforced concrete school building with two wings. (12 classrooms, auditorium, domestic science and manual training departments).
Owner—Amador Valley Union High School District.
Architect—Henry C. Smith, Humboldt Bank Bldg., San Francisco.
Bids ran over estimate. Plans will be revised and re-advertised shortly.

Contract Awarded.
SCHOOL Cost, $15,000
SUNNYVALE, Santa Clara Co., Cal.
Two-room frame and stucco school.
Owner — Sunnyvale Grammar School District.
Architect—Ernest Norberg, 409 Occidental Ave., Burg & Balboa Bldgs., San Francisco.
Contractor—John E. Branagh, 184 Perry St., Oakland.

LOS ANGELES, Cal.—J. F. Atkinson, 1102 Story Bldg., was low bidder on the general contr. at $54,437 for erecting a new school bldg. at Eastmont for Montebello school dist. Jeffery & Schaefer, 1106 Kerckhoff Bldg., archts. Low bidders on other contrs. were: Everhot Heater Sales Co. on heating at $1591; F. D. Reed Plumbing Co. on plumbing at $4072; S & H Service Elec. Co., Alhambra on wiring at $1162; and Alhambra Wall Paper & Paint Co. on painting at $2390. Building will contain 8 rms; brick constr., shingle rfg. The bids were: **General Contract**—J. F. Atchinson, $54,437; C. A. Schwelssinger, Jr., $58,249; Edwards, Willey & Dixon, $60,277; J. F. Kobler, $60,749; Hardiman Co., $60,882; Frank Hudson, $62,543; H. E. Tabor, $63,000; C. T. McGrew & Sons, $66,615. **Heating**—Everhot Heater Sales Co., $1591; Coast Radiator Corp., $1650; Pac. Gas Radiator Co., $1856; Pac. Gas Appliance Co., San Bernardino, $1965; Potter Radiator Corp., $1982. **Plumbing**—F. D. Reed Plumbing Co., $4072; H. H. Armbrust, $4075. **Electric Wiring**—S. & H. Service Elec. Co., $1162; Jos. A. Lieb, $1542.77; Golden State Elec. Co., $1895; Geo. L. Patterson, $1907. **Painting**—Alhambra Wall Paper & Paint Co., $2390; E. Drawbaugh, $2650; R. E. Swan $2985.

SACRAMENTO, Cal.—Until July 9, 5 p. m., bids will be rec. by Chas. C. Hughes, secy. Board of Education, 300 City Hall, for fur. and hanging shades for all windows and transoms in the auditorium of the new high school building, 34th and W Sts. Samples of shades must accompany bids. Cert. chk 10% payable to Sacramento City High School District req. with each bid. Further information obtainable from secy.

LOS ANGELES, Cal.—The following bids were received by trustees of Montebello school dist. for furnishing terra cotta for the new high school bldg.; Jeffery & Schaefer, archts.; Batchelor Tile Co., $21,710; N. Clark & Sons, $21,860 and Gladding, McBean & Co., $23,200.

SEBASTOPOL, Sonoma Co., Cal.—Until July 7, 1 P. M., bids will be rec. by T. R. Klinker, Clerk, Sebastopol Union Grammar School District, for repair to urinals and lavatories in Cert. check 10% payable to clerk req. with each bid. Plans obtainable from Clerk at Sebastopol.

SACRAMENTO, Cal.—Until July 16, 7:30 p. m., bids will be rec. by Chas. C. Hughes, secy. Board of Education, 300 City Hall, to erect addition (4-room brick, concrete and frame) to Coloma school, in block bounded by 46th, 47th, R and T Sts. Cert. check 10%, payable to secy. of Board of Educ. req. Dean and Dean, architects, City Library Bldg., Sacramento. **See call for bids under official proposal section in this issue.**

VISALIA, Tulare Co., Cal. — Until July 9, 7:30 p. m., bids will be rec. by C. T. Pool, clerk, Visalia Union High School District, to fur. and install complete electric program clock equipment as follows:

One electrically wound master clock equipped to operate three circuits of secondary clocks, having the necessary relays, pilot dials, battery gauge, setting keys, etc. Master clock also to be equipped with a six circuit minute interval program instrument, to have three ribbons; each ribbon operating two separate schedules. Master clock and all other equipment to be of The Standard Electric Time Co.'s manufacture or equal.

One thirty point combination control board. Thirty standard high resistance wood box buzzers, two ten-inch outside weather-proof gongs, five six-in. cells, C. T. type storage battery, one slate panel board having the necessary switches, resistance unit, transformer, volt meter and ammeter, fuses, etc., mounted on same, one electrolytic rectifier. Each bid on the above specified equipment is to include installation, together with all wiring necessary for installation in the buildings. Specifications are to be furnished by the bidder. Further information obtainable from clerk.

RIVERSIDE, Cal.—W. G. Reed, Long Beach, submitted low bid to board of education, June 20, at $161,161 for the erection of an applied arts bldg. at Terracina and Riverside Drives, G. Stanley Wilson, 646 W 9th St., Riverside, archt. He reduced his bid to $147,000 and was awarded contract at that figure. Other bids were: Cresmer Manufacturing Co., $166,725; C. P. Hancock, $167,800; Anton Johnson Co., $172,900; R. M. Spurgeon, $172,000. A. M. Lines, Riverside, was the low bidder on the plumbing and metal work at $21,210. Other bids were: C. E. Stancell, $23,210; F. J. Donnelly, $25,587.

F. H. Ryerson, Riverside, was the low bidder at $14,741.30 for constructing an addition to the Magnolia Ave. school. Other bids were: R. M. Spurgeon, $15,300; Cresmer Mfg. Co., $15,490.

ARCADE, Sacramento Co., Cal. — F. H. Betz, 432 Ochsner Bldg., Sacramento, at $25,295 awarded contract by Arcade School District to erect school building. Dean & Dean, Architects, City Library Bldg., Sacramento. Other bids were:

C. S. Mabrey	$27,259
E. D. Brier	27,484
Campbell Const. Co.,	28,878
Wm. Murcell	29,484
Holdener Const. Co.	31,021
C. W. Palmer	32,134

FORTUNA, Humboldt Co., Cal.—N. E. Baldry awarded contract at $21,983 to construct one-story reinforced concrete mechanical arts building for Fortuna High School District. Frank T. Georgeson, architect, Eureka.

VISALIA, Tulare Co., Cal.—Until July 9, 7:30 p. m., bids will be rec. by C. T. Pool, secy. Board of Education, to construct one room frame kindergarten at Highland school. Cert. check 5% req. Plans on file in office of secy.

RIVERSIDE, Cal. — Wm. A. Reed, Riverside, submitted low bid to board of education June 20, at $161,161 for the erection of an applied arts bldg. at Terracina and Riverside Drives, G. Stanley Wilson, 646 W 9th St., Riverside, archt. Other bids were: Cresmer Mfg. Co., $166,725; C. P. Hancock, $167,800; Anton Johnson Co., $172,000; R. M. Spurgeon, $172,000. A. M. Lines, Riverside, was the low bidder on the plumbing and metal work at $21,210. Other bids were: C. E. Stancel, $23,636.68; F. J. Donnelly, $25,587.

Bids taken under advisement.

SAN DIEGO, Cal.—Board of Education has practically decided to locate a new union high school on Point Loma. H. C. Johnson, supt.

PORTERVILLE, Tulare Co., Cal.—Until July 7, 7:30 p. m., bids will be rec. by J. L. Templeton, clerk, Porterville Union High School District, to construct gymnasium. Separate bids are desired for (1) gymnasium without plumbing and heating; (2) gymnasium, exclusive of plumbing and heating, and omitting portion of wing containing boys' showers; (3) for plumbing and heating exclusive of that portion of wing omitted containing boys' showers but with pipe sizes left for such installation; (4) plumbing and heating only. Coates and Traver, architects, Rowell Bldg., Fresno. **See call for bids under official proposal section in this issue.**

HUNTINGTON PARK, Cal. — Until 7:30 p. m., July 9, bids will be received by trustees Huntington Park city school dist. for erecting two 1-story, 4-room brick school bldgs. on Malabar St. school site at Malabar St. and Zoe Ave., Huntington Park. Bids will be taken separately on gen. contr., plas. and heating. Bldgs. known as No. 1 and No. 2; blue brick facing, art. stone trim, comp. rfg., O. P. trim and fls., reinf. conc. corridor fls., Simplex windows, turned wood cols., unit system gas htg., no plbg. Arthur W. Angel 2136 E first St., Los Angeles, archt.

COACHELLA, Riverside Co., Cal.—Architect Norman F. Marsh, 211 Broadway Central Bldg., Los Angeles, is preparing plans for a school and domestic arts building to be erected at high school site at Coachella. It will be one-story, built around a patio, exterior dimensions, 90 x110 ft., hollow tile or hollow concrete wall construction, stucco exterior, composition roof, pine trim, electric steam heating.

FILLMORE, Ventura Co., Cal.—Architect Norman F. Marsh, 211 Broadway Central Bldg., Los Angeles, has been commissioned to prepare plans for a senior high school building and a gymnasium building to be erected at Fillmore. Bonds in the sum of $200,000 have been voted. The main building will contain classrooms and an auditorium to seat 700. Buildings will be of reinforced concrete construction, plaster exterior and clay tile roofing.

LOS ANGELES, Cal.—Until 7:30 p. m., July 11 bids will be received by the trustees of the Crescenta school dist. for the erection of a 1-story brick add. to the Crescenta grammar school bldg., at La Crescenta. Plans by Train & Williams, archts. and Chas. A. Creeth, assoc. Contract will include all work except painting and heating. Bids will be received at the same time for heating, both for the addition and rooms of the existing building. Two class rms, brick, 12 72 ft., tile and comp. rfg., gas radts., hardwood fls. Plans on file at office of Chas. A. Creeth, 236 E Michigan Ave., La Crescenta.

BERKELEY, Alameda Co., Cal.—Until July 3, 4 P. M., bids will be rec. by Clyde Blanchard, Sect'y., Board of Education to complete shop buildings at Burbank School in University Ave., bet Curtis and Henar Sts. **See call for bids under official proposal section in this issue.**

BERKELEY, Alameda Co., Cal.—Until July 3, 4 P. M., bids will be rec. by Clyde Blanchard, Sect'y., Board of Education for alterations and addition to the Wood School in Telegraph avenue bet. Ward and Stuart streets. **See call for bids under official proposal section in this issue.**

LOS ANGELES, Cal.—The architectural dept. of the board of education, Edgar H. Cline, archt., has been authorized to prepare plans for 4 bungalows to be erected at Humphreys Ave. school site at a cost of $12,000; 4 bungalows, sanitary bldg., etc. to be erected at [illegible] near 3rd St. and Humphreys Ave., at a cost of $20,000; sloyd and sanitary bungalows at Brooklyn Ave. site to cost $[illegible]000; and 3 bungalows at Ford St. School site to cost $12,000.

PLEASANTON, Alameda Co., Cal.—The Board of Trustees of the Amador Valley Union High School District, received the following bids on June 23rd, at 2:30 o'clock, for the construction of a one and two-story reinforced concrete school building with two wings, containing twelve classrooms, auditorium, domestic science and manual training departments. Plans were prepared by Architect Henry C. Smith, Humboldt Bank Building, San Francisco.

Bids were taken under advisement till Friday.

General Work

C. A. Bruce, Pleasanton	$79,694
J. E. Branagh	79,800
Diestel & Vezana	81,875
J. Madsen	$86,500
Cobby & Owsley	86,990
C. L. Weld	88,000

Plumbing

Scott Co., Oakland	$7691
Christensen & Anderson	9763

Heating

Cruckshank & Kolln, Pleasanton	$6147
(1) deduct $910; (2) deduct $421.	
Jas. A. Nelson	6952
(1) $690; (2) $1500.	
Scott Co.	7394
Christensen & Anderson	7983
(1) $800; (2) $1650.	

Painting

Geo. Trimmingham, Pleasanton	$3809
Emile Solve	4848

LOS ANGELES, Cal.—Until 9 a. m., July 11, bids will be received by the board of education for erecting new school bldg. at Park Ave. school site, n.w. cor. Park Ave. and Alger St.; Farrar & Payne, archts.; brick constr.; $56,000.

Bids will be taken separately on the general, plumbing, heating, wiring and painting contrs. Plans and spec. may be obtained at secretary's office, 7:30 Security Bldg.

LOS ANGELES, Cal.—Until 9 a. m., July 11 bids will be received by Board of Education for erecting a new bldg. at Palo Verde school site, n.e. corner Palo Verde and Effie Sts.; Pierpont and Walter S. Davis, archts.; 12-rm., brick constr.; $84,000. Separate bids for general, plumbing, heating, wiring and painting. Plans and spec. from secretary's office, 7:30 Security Bldg., L. A. (47077)

LOS ANGELES, Cal.—Until 8 p. m., July 13, bids will be received by trustees of Santa Maria union high school dist. for erecting gymnasium bldg. and manual arts bldg. at Santa Maria union high school site; Allison & Allison, 1405 1405 Hibernian Bldg., archts. Bids will be taken separately on the general work, plumbing and heating.

HANFORD, Kings Co., Cal. — Until July 7, 10 a. m., bids will be rec. by R. Strothers, clerk, Eucalyptus School District, to paint interior and exterior of school. Structure is located about 2 mi. east of Hanford. Further information from clerk.

REEDLEY, Fresno Co., Cal.—Until July 9, 7:30 p. m., bids will be rec. by Floyd Caskey, clerk, Reedley Joint School District for fur. and del.: 40 pupils' desks, No. 2; 40 pupils' desks, No. 3 and 10 pupils' desks, No. 4; three teachers' desks; three teachers' chairs; one Grand Piano. Further information obtainable from clerk at Reedley.

SAN JOSE, Santa Clara Co., Cal.—Until July 11, 8 p. m., bids will be rec. by Clark Northrup, clerk, Burbank School District, 55 Cleveland Ave., San Jose, to construct addition to present school, for which bonds of $10,000 were voted. Cert. check 10% payable to Bd. of Trustees of Dist. req. with each bid. Plans obtainable from Binder & Curtis, architects, 255½ South First St., San Jose.

SELBY, Contra Costa Co., Cal.—See "Parks and Playgrounds," this issue. Fence bids wanted.

FRESNO, Fresno Co., Cal. — Until July 9, 2:30 p. m., bids will be rec. by H. M. Wash, clerk, Manning School District, to erect one-room with basement frame addition to present school, Ernest J. Kump Co., architects, 533 Rowell Bldg., Fresno. Cert. check 10% payable to clerk req. with each bid. Plans obtainable from architects.

HUNTINGTON PARK, Cal. — Until 7:30 p. m., July 9, bids will be rec. by trustees Huntington Park city school dist. for erecting 1-story, 4-room brick annex to Pacific school on e. side Pacific Blvd., bet. 7th and 58th Sts., Huntington Park. Bids will also be taken separately on gen. contr., plas., blbg. and heating. Dimensions, 62x92 ft., red tapestry brick facing, art. stone trim, comp. rfg., reinf. conc. corridor fls., O. P. trim and fls., Simplex windows, struc. steel, unit system gas htg., wiring. Arthur W. Angel, 2136 E First St., Los Angeles, archt.

RIVERSIDE, Cal.—G. Stanley Wilson, 646 W 9th St., Riverside, is completing plans to be ready for bids within 30 days, for three school bldgs. a junior college bldg., costing $100,000, to contain 8 rms. and library; concr. and tile constr; maple fls. West Riverside grammar school costing $40,000, 6 rms. and auditorium; conc. constr.; an addition to the Alvord school, costing $20,000.

RICHMOND, Contra Costa Co., Cal.—Until July 10, 2:30 P. M., bids will be rec. by W. T. Helms, Sect'y., Board of Education, for fur. equipment, utensils and other supplies for Roosevelt Junior High School cafeteria. Lists of materials desired obtainable from Sect'y.

VISALIA, Tulare Co., Cal.—Architects E. J. Kump Co., Rowell Bldg., Fresno, authorized by Board of Education to prepare plans for new science laboratory, school bus garage, two tennis courts and improvements to high school; est. cost of science building is $23,000. All high school buildings will be repainted. Plans also ordered for one room portable kindergarten for Highland School.

SACRAMENTO, Cal.—As previously reported, bids will be rec. by Chas. C. Hughes, Secretary, Board of Education, until July 9, 7:30 P. M. to erect elementary school in Riverside road. Woollett & Lamb, Architects, Mull Bldg., Sacramento. **Plans for this structure on file in office of Building and Engineering News, 500 Mission street, San Francisco.**

MODESTO, Stanislaus Co., Cal.—Until July 14, 7:30 P. M., bids will be rec. by E. C. Arnold, Clerk, Mountainview School District, to erect grammar school. Wallace H. Hubbert, Architect, L. C. Black Bldg., Modesto. Segregated bids are wanted for general work, electric work and plumbing. Bonds of $12,000 voted to finance construction. Cert. check 10% payable to clerk req. Plans obtainable from architect. **See call for bids under official proposal section in this issue.**

FORT INDEPENDENCE, Inyo Co., —Until July 10, 7 p. m., bids will be rec. by A. N. Bell, clerk, Milton Elementary School District to erect one-story reinforced concrete school. Cert. check 10% payable to clerk of district req. with each bid. Bids will be opened at residence of Mrs. Grace Schabbell, trustee of district at Fort Independence. Plans obtainable from clerk on deposit of $10, returnable.

OAKLAND, Cal.—Until July 16, 4:30 P. M., bids will be rec. by J. W. Edgemond, Sect'y., Board of Education, 211 City Hall, for general work, including carpenter work, blackboards, waterproofing, linoleum, shades and painting to finish ground floor of Lakeview School in block bounded by Grand, Santa Clara and Van Buren Aves., and Perry St. Plans obtainable from office of Sect'y., Board of Educ., 2149 Broadway, Oakland, on deposit of $25, returnable. **See call for bids under official proposal section in this issue.**

LOS ANGELES, Cal.—Sordell & Mayson, Long Beach, were low bidders at $51,693 on the general contract for erecting a new brick school building at Barton Hill School site, San Pedro. Low bidders on other contracts were: Alhambra Wall Paper & Paint Co. on painting at $1450; Thos. Haverty Co on plumbing at $3259; Franklin & Boyce on heating and ventilating at $4087, and Newbery Elec. Co. on wiring at $2198. The bids were: **General Contract**—Sordell & Mayson, $51,693; Hubert Constr. Co., $61,934. **Painting**—Alhambra Wall Paper & Paint Co., $1450; H. H. Mann, $1540; Leo. H. Hubbert, $1650; Arenz-Warren Co., $1826; Parker-Judge Co., $2247. **Plumbing**—Thos. Haverty Co., $3250; Hickman Bros., $3442. **Heating and Ventilating**—Franklin & Boyce, $4087; J. Hokom, $4322; Thos. Haverty Co., $4568; F. J. Donnelly, $4734; Western Engr. & Constr. Co., $4991; Midgeley Bros., $5100; L. Z. Brown, $5596. **Electric Wiring**—Newbery Elec. Corp., $2198; American Elec. Constr. Co., $2210 H. H. Walker, $2287.

MARYSVILLE, Yuba Co., Cal.—Architects Dean and Dean, City Library Bldg., Sacramento, have been commissioned by trustees of Feather River Union High School District, to prepare preliminary plans for a new high school, for which election will be called to vote bonds to finance construction. The cost of the structure will be determined when the preliminary drawings are submitted.

McKITTRICK, Kern Co., Cal.—Until July 11, bids will be rec. by Belridge School District, L. R. McIntire, Clerk, for plumbing work in connection with line. Cert. check 10% payable to clerk Belridge School and to construct sewer req. Spec. obtainable from Clerk at McKittrick.

ALAMEDA, Alameda Co., Cal.—Until July 3, 5 P. M., bids will be rec. by C. J. DuFour, Sect'y., Board of Education, Oak St. and Santa Clara Ave., to replace roofing, flashing and metal counter flashing to cover roof of old portion of Washington school in Eighth St. Kenneth M. McDonald Jr., and Maurice Couchot, architects and engineers, 234 Pine St., San Francisco. Cert. check 10% payable to Board of Education req. with each bid. Plans on file in office of Sect'y.

SAN JOSE, Santa Clara Co., Cal.—Until July 2, 8 P. M., bids will be rec. by Walter A. Bachrodt, Sect'y., Board of Education, to repair furnaces at Grant, Lowell, Longfellow and Horace Mann Schools. Specifications on file in office of City Sup't. of Schools.

SAN RAFAEL, Marin Co., Cal.—Until July 17, bids will be rec. by Oliver R. Hartzell, Sect'y., Board of Education, for painting and repairing interior of Short Primary School in addition to minor exterior repairs and plumbing alterations. Specifications on file in office of secretary.

SAN RAFAEL, Marin Co., Cal.—Until July 2, bids will be rec. by Oliver R. Hartzell, Sect'y., Board of Education, for fur. and del. general supplies, including equipment and furniture for school year, beginning July 1, 1923. Lists of materials desired on file in office of Sect'y. in high school.

LOS ANGELES, Cal.—Until 9 a. m., July 25, bids will be received by the board of education for erecting a new high school bldg. at John C. Fremont high school site, n.w. cor. 79th St. and So. Park Ave. Edwin Bergstrom, 1128 Cit. Nat. Bank Bldg., archt. Bids will be taken separately on the general contract, heating, plumbing, painting and electric wiring. The appropriation is $600,000. The bldg. will be 2-story, extreme dimensions 480x225 ft., with a 3-story auditorium wing. It will be of brick constr., and slate roofing. The auditorium will be class A constr. with reinf. conc. fl. and balconies.

LOS ANGELES, Cal.—Until 7:30 p. m., July 17, bids will be received by Glendale board of education for erecting a 4-rm. addition and making alterations to Doran St. school bldg., on Doran St. bet. Geneva and Everett Sts.; Alfred F. Priest, 719 Fay Bldg., L. A., archt. Bids will be taken separately on the general contract and heating. The bldg. will be of brick constr., rug. or ruff. brick facing, terra cotta trim, comp. rfg.; $30,000.

STOCKTON, San Joaquin Co., Cal.—Tredway Bros., 429 E. Weber St., Stockton, at $1,880.50 awarded cont. by Bd. of Education for fur. 255 (Little Giant) pupils' desks O.B. [illegible] were, Sears-Roebuck Co., $1572.77; Coast Desk Co., $1772.50; Pacific School Supply House, $1703.50; Morris Bros., $1887.85; Rucker-Fuller Co., $2300.2 ; Stewart Supply Co., $2300.25.

LOS ANGELES, Cal.—Anton Johnson, 704 Union Bank Bldg., was awarded the general contr. at $41,000 for erecting an addition to 49th St. school bldg.; Frank G. Krucker, archt. Other contrs. were awarded as follows: Plumbing to E. W. Crowell at $3318; painting to H. H. Mann at $1191; wiring to Peerless Elec. Co. at $1085. Heating bids were rejected and work is being readvertised.

LOS ANGELES, Cal.—Archt. Henry F. Withey, 405 S. Western Ave., has been commissioned to revise the plans for Gulf Ave. school for use at a new site at Wilmington. The appropriation has been increased to $110,000. The Gulf Ave. school will not be built at present.

LOS ANGELES, Cal.—J. F. Atkinson, 1102 Story Bldg., was low bidder at $41,900 on the gen. cont. for erecting a new bldg. at Manchester Ave. school site. Train & Williams, archts. Low bidders on the other contrs. were: J. Hokom on heating at $4418; E. W. Crowell on plumbing at $3098; R. Rasmussen on wiring at $1217; and Graham Elec. Co. on wiring at $1284. The bids were: **General Contr.**—J. F. Atkinson, $41,900, Willard-Green Co., $43,457; Witt & Ike, $45,020; J. E. Dawson, $47,200; Hubert Constr. Co., $47,668; Reed Bros. Constr. Co., $48,770; J. A. Hill Constr. Co., $48,937; C. E. Downs, $50,700. **Heating**—J. Hokom, $5418; Franklin & Boyce, $5850; Western Engr. & Constr. Co., $6880; Thos. Haverty Co., $6964; Midgeley Bros., $7520; F. J. Donnelly, $8292; L. Z. Brown, $8397. **Plumbing**—E. W. Crowell, $3098; G. C. Sutton, $3170; J. Hokom, $3293; W. W. Brooks, $3300; Buffalo Plumbing Co., $3400. **Painting**—R. Rasmussen, $1247; Leo H. Hubbert, $1310; Alhambra Wall Paper & Paint Co., $1320; R. E. Swan $1320; Arenz-Warren Co., $1550; H. H. Mann, $1390; Parker-Judge Co., $1500. **Wiring**—Graham Elec. Co., $1284; Newbery Elec. Co., $1722; H. H. Walker, $1817; American Elec. Constr. Co., $2620.

HANFORD, Kings Co., Cal.—Until July 12, 6 P. M., bids will be rec. by Wm. J. Webber, Clerk Hanford Grammar School District, to construct one or more bungalow school rooms. Cert. check 10% payable to President Hanford Grammar School District req. Plans obtainable from Clerk at Hanford.

LOS ANGELES, Cal.—The board of trustees of Burbank school dist has postponed the date for opening bids for additions to two grammar school bldgs. at Burbank until 7:30 p. m., July 12. Allison & Allison, 1405 Hibernian Bldg., Archts.

LOS ANGELES, Cal.—Fred Walsh, Glendale, was awarded the general contr. for erecting a new school bldg. at Bell; Arthur W. Angel 2136 E 1st St., archt. The contr. was let on the original bid of $25,450 with additions of $2915 for kindergarten class rm. and $1043 for gas heating. Plastering was let to Gus Johnston at $4100 with an addition of $400 for kindergarten rm. and plumbing was awarded to Fosberg Co., Bell, at $1500 with an addition of $220. The bldg. will contain 8 rms.; hollow tile constr., stucco exter., comp. roofing.

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BANKS, STORES & OFFICES

Contracts Awarded.
STORE, ETC. Cost, $130,000
SAN FRANCISCO. S Market 75 W 7th Street.
Three-story, basement and mazzanine floor reinforced concrete store and office building.
Owner—W. B. Wagnon, 317 Bush St., San Francisco.
Architect—D. C. Coleman, 141 Market St., San Francisco.
Concrete awarded to Seghieri & Bros., 35 Cook St.
Steel to Gunn Carle Co., 444 Market St.
Lumber to Peterson Lumber Co., 120 Hooper St.

Plans Being Figured.
OFFICE BLDG. Cost, $——
OAKLAND, Alameda Co., Cal. Thirteenth and Franklin Sts.
Nineteen-story Class A office and publishing building.
Owner—Tribune Publishing Co.
Architect—Edw. T. Foulkes, Crocker Bldg., San Francisco.
Plans are being figured for plastering work.
Plans Being Prepared—Figures to be Taken Shortly.
ALTERATIONS Cost, $100,000
SACRAMENTO, Cal. Seventh and Oak Streets.
Owner—Farmers & Mechanics Bank, Sacramento.
Manager of Constr.—H. H. Winner Co., Sharon Bldg., San Francisco.
Separate bids on plumbing, heating and ventilating plastering, marble, fixtures, etc.

Preliminary Plans Being Prepared.
OFFICE BLDG. Cost, $200,000
SACRAMENTO, 7th St., bet. I & J.
Seven-story reinforced concrete office bldg., terra cotta and brick exterior 40 by 80.
Owner—Lawyer's Co-Operative Assn., Sacramento.
Architect—E. C. Hemmings, Ochsner Bldg., Sacramento.

Plans Being Prepared.
EXCHANGE BLDG. Cost, $300,000
SAN FRANCISCO. Bush and Larkin Streets.
Class A telephone exchange building.
Owner—Pacific Tele. & Tele. Co., 333 Grant Ave., San Francisco.

Plans Being Prepared.
BANK Cost, $150,000
PETALUMA, Sonoma Co., Cal.
One-story and basement reinforced concrete bank.
Owner—Sonoma County National Bank, Petaluma.
Mgr. of Constr. — H. H. Winner Co., Sharon Bldg., San Francisco.

Preliminary Plans Being Prepared.
OFFICE BLDG. Cost, $2,000,000
SAN FRANCISCO. No. 140 New Montgomery St.
Twenty-story Class A office building.
Owner—Pacific Tel. & Tel. Co., 333 Grant Ave., San Francisco.
Building will house general offices of all departments of the company, but will have no switch boards or traffic forces.

Contracts Awarded.
OFFICE BLDG. Cost, $130,000
SAN FRANCISCO. S Market 112-6 W Seventh Street.
Three-story, basement and mezzanine floor reinforced concrete store and office building.
Owner—Marian Realty Co., 1171 Market St., San Francisco.
Architect—D. C. Coleman, 1141 Market San Francisco.
Concrete awarded to Seghieri & Bro., 35 Cook St.
Grading to Chas. Powers, 3879 26th St.
Steel to Gunn Carle Co., 444 Market St.
Lumber to Peterson Lumber Co., 120 Hooper St.

Plans Being Prepared.
SALES BLDG. Cost, $10,000
SACRAMENTO, 11th and K Sts.
One-story brick auto sales bldg. with cement exterior and tile roof—Spanish type.
Owner—Joan Ochsner, Inc.
Lessee—Leo Motor Car Co.
Architect—E. C. Hemmings, Ochsner Bldg., Sacramento.

Contract Awarded.
STORE Cost, $5000
SAN FRANCISCO, N Mission 130 ft. w 4th St.
Reinforced concrete store.
Owner—Mary Bryan.
Contractor—Chas. W. Gompertz, 910 Balboa Bldg., S. F.

Contract Awarded.
OFFICE BLDG. Cost, $1,500,000
SAN FRANCISCO. SE Market and Beale Streets.
Seventeen-story and basement Class A brick, steel and concrete office building.
Owner—Pacific Gas & Electric Co.
Architect — Bakewell & Brown, 251 Kearny St., San Francisco.
Consulting Engineer—C. H. Snyder.
Consulting Mechanical Engineer — Hunter & Hunter.
Contractor for pile driving—Healy Tibbitts Co., Main and Market Sts., San Francisco.
The excavating is well under way by the Carlin Grading Co.
Bids on other branches of the work will be called for shortly by the Purchasing Department of the P. G. & E.

LOS ANGELES, Cal.—Archts. Walker & Eisen, 325 Pac. Finance Bldg., have completed plans for a 13-story and basement class A store and office bldg. to be erected at s.e. cor. 8th and Olive Sts. for the Eighth & Olive Holding Co., Union Bank Bldg. Plans are being checked by the bldg. dept. and general bids will be taken shortly. Mox Wrecking Co. has the contr. to clear the site. The new bldg. will be 55x168 ft., reinf. conc. frame, brick filler walls, press. brick and terra cotta facing, plate glass, marble and tile work, hardwood trim, elevators, steam htg.; $670,000.

LOS ANGELES, Cal.—See "Hotels," this issue.

LOS ANGELES, Cal.—C. L. Peck, 727 H. W. Hellman Bldg., has been awarded the general contr. at $115,600 for erecting a 5-story and basement class A bldg. at 1123 S Hill St. for Southwestern University. Plumbing, heating and wiring will be let separately. Albert C. Martin, 430 Higgins Bldg., archt. It will contain stores in the first story with class rms., library, offices, etc., in the upper stories. Reinf. conc. constr., 50x150 ft., press. brick and terra cotta front, plate glass, comp. rfg., fire escapes, metal skylights, metal frames and sash, elevators, gas htg., tiled lavatories, water htr.

LOS ANGELES, Cal.—Archt. Geo. M. Lindsey, has completed plans and is taking general and segregated bids for alterations and new bank fixtures to be installed in the present quarters of the Bank of America on the ground fl. of the Chapman Bldg., 8th St. and Broadway. Work will include conc. & steel vaults, safety deposit boxes, new bank fixtures, marble stairs, brone grilles, etc.; $75,000.

SANTA ANA, Cal.—Archt. H. Newton, Thornton, Hill Bldg., Santa Ana, is preparing plans for a 4-story brick office and store bldg., to be erected at the s.e. cor. Broadway and West Fourth St. for W. L. Moore. The site is occupied at present by a bldg. The bldg. will be utilized, the owner planning to add three stories. Cost, $80,000. Construction will be of brick. It is planned to start work about July 15.

LOS ANGELES, Cal.—Archts. Curlett & Beelman, 408 Union Bank Bldg., have completed plans for the 12-story and basement class A office bldg. to be erected at n.w. cor. of 9th and Main Sts., for W. M. Garland. Constr. work will be started July 1. P. J. Walker & Co., Mer. Nat. Bank Bldg., gen. contra. The bldg. will be 60x155 ft., steel frame constr., brick walls, terra cotta facing, plate glass, hardwd. trim, reinf. conc. fls., elevators, etc.

LONG BEACH, Cal.—Archts. Walker & Eisen, 325 Pac. Finance Bldg., are taking bids for excavating and constructing fence and canopy for the Oil Exchange Bldg. to be erected at Long Beach. General Constr. bids will be taken about July 10. The bldg. will be 80x120 ft., 13-sto. and basement, reinf. conc. constr., $900,000.

FRESNO, Fresno Co., Cal.—Preliminary plans have been prepared to enlarge the Kutner-Goldstein Department Store at Mariposa and H Sts. It is proposed to remodel the present quarters and construct additional bldgs with frontages on both thoroughfares.

LOS ANGELES, Cal.—Scofield Engineering Constr. Co., Pacific Finance Bldg., has the contract on a fixed fee basis for all work complete for erecting a 12-story class A addition on Fourth St. for the Broadway Dept. store. C. B. Weaver is supervising contractor. John Parkinson and Donald B. Parkinson, 420 Title Ins. Bldg., archts.

LOS ANGELES, Cal.—Llewellyn Iron Works has been awarded a contr. at about $305,000 for furnishing and erecting approximately 2425 tons of structural steel for the 9-story class A addition to be erected on Hill St. for May Dept. Store. Albert C. Martin, 430 Higgins Bldg., archt.

SELMA, Fresno Co., Cal.—R. C. Carter, Selma, awarded contract to erect postoffice quarters which will be leased to Government. Structure will cost in the neighborhood of $20,000.

ASTORIA, Ore.—Archt. C. T. Diamond, Astoria, taking bids for a 2-story and basement concrete and stucco store and office building to be erected at 12th and Commercial Sts., for Corruthers, Copeland and Halderman. Will be 145 by 90 ft.

LOS ANGELES, Cal.—Archts. Curlett & Beelman, 408 Union Bank Bldg., are taking bids for erecting a 6-story class C store and loft bldg on 6th St., bet. Hope St. and Grand Ave., for I. Eisner. Dimensions, 57x115 ft., reinf. conc. exter. walls, plas. and cast stone front, plate glass, comp. rfg., wood inter. constr., steel sash, elevators, fire escapes; $100,000.

LOS ANGELES, Cal.—So. Cal. Tel. Co. own; E. V. Cobby, bldg. engr. and C. W. Burkett, chief engr.; Macdonald & Kahn, Inc., contr; all labor and mat. (except struct. steel frame and cast iron bases) to erect a 2-story and basement, class A bldg. and ultimately 4-sto at n.e. cor. Santa Fe and Saturn Aves., Huntington Park. Cost, $129,923.

SAN FRANCISCO—See "Apartments," this issue.

SAUSALITO—See "Apartments," this issue.

FRESNO, Cal.—C. H. Cobb has purchased a site 150x150 ft. at Fortheamp and Olive Aves., and will erect a 1-sto. 12-store bldg costing $60,000.

LOS ANGELES, Cal.—Archts. Curlett & Beelman, 508 Union Bank Bldg., haves completed plans for a 4-story and basement class A bldg., 140x250 ft., to be erected at 7th St. and Santa Fe Ave., for Southern California Gas Co. Reinf. conc. constr., stucco exter., cast stone trim, comp rfg., metal skylights, steel sash, elevators, htg., sprinkler equipment. Bids will be taken this week; $450,000.

LOS ANGELES, Cal.—Archt. Joseph H. Weston, 515 Hollywood Security Bldg., Hollywood Blvd. and Cahuenga Ave., has been commissioned to prepare plans for a 1-story bank and store bldg. to be erected at the n.e. cor. of Main St. and Washington Ave. for the Merchants Nat. Bank. Banking room, 60x75 ft. with 25 ft. ceiling; 5 stores; found. 60x150 ft.; basement, 20x60 ft.; Greek design facade; class C constr.; brick walls, steel trusses, cement store fls., comp. rfg., terra cotta facing, vault fabric of fixtures undetermined.

LOS ANGELES, Cal.—Archt. Walker & Eisen, 325 Pac. Finance Bldg., have completed plans and are taking bids for erecting a 5-story and basement class A bldg. at 15th and Los Angeles Sts. for the L. A. Rubber Stamp Co. It will be 50x150 ft., reinf. conc. constr. plas. exter., steel sash, elevator, designed for two additional stories. Bids are being taken for all work complete in one contract.

Contractor Taking Sub-Figures—Sub-Contract Awarded.
ADDITION Cost, $50,000
OAKLAND, 15th and Clay Sts.
Two-story brick and steel addition to store.
Owner — John Breuner Co., 13th and Franklin St., Oakland.
Bank of Savings Bldg., Oakland.
Contractor—P. J. Walker, Sharon Bldg. Oakland.
Excavating to Ariss Knapp, 961 41st St. Oakland.
Lumber to E. K. Wood Lumber Co., Frederick & King Sts., Oakland.

Contract Awarded.
STORE & LOFT BLDG. Cost, $110,000
OAKLAND, 16th and San Pablo Ave.
Two-story and basement conc. store & loft building.
Owner—Midgley Co., American Theatre, San Pablo and 17th St., Oakland.
Architect—Willis C. Lowe, Monadnock Bldg., San Francisco.
Contractor—P. A. Palmer, Monadnock Bldg., San Francisco.
Mr. Lowe also awarded to P. A. Palmer another adjoining building for same owner for $84,000.

Preliminary Plans Being Prepared.
APT. & CAFETERIA Cost, $—
SAN MATEO, B and 4th Ave.
Four-story apt. and cafeteria.
Owner—Noah Williams, 139 B St., San Mateo.
Architect — Miller & Pflueger, Lick Bldg., San Francisco.

Planned.
HALL, ETC. Cost, $100,000
OAKLAND, Alameda Co., Cal. Broadway bet. 19th and 20th Sts.
Two-story reinforced concrete hall and store building, 98x128.
Owner—Central Bank.
Lessee—W. L. Sweet, 480 20th St., Okd.
Architect—To be decided next week.

Plans Being Prepared.
BANK BLDG. Cost, $55,000
OAKLAND, Alameda Co., Cal. E-14th St. and 23rd Ave.
One-story Class A bank building, 60x50 (old building on premises to be wrecked).
Owner—Oakland Bank.
Architect—Reed & Corlett, Oakland Bk. of Savings Bldg., Oakland.

Plans Being Figured.
STORE & OFFICE BLDG. Cost, $40,000
SAN FRANCISCO, SW Kearny & Post Streets.
Remodel 6-story class C store and office building.
Owner—Withheld.
Architect—A. H. Knoll, Hearst Bldg., San Francisco.

THEATRES

Contract To Be Awarded.
THEATRE & STORE Cost $—
SAN FRANCISCO, S Union bet. Buchanan and Webster Sts.
One and 2-story class A & C theatre and store building (1800 seats) 282 by 137-6.
Owner—Samuel S. Levin.
Architect—Reid Bros., Montgomery St., San Francisco.
Contractor — G. B. Pasqualetti, 2330 Larkin St. S. F., on excavating, concrete and carpentry work.

Ready For Figures Next Week.
THEATRE Cost $—
OAKLAND, Alameda Co., Foothill Blvd. near Seminary Ave.
Class A motion picture theatre and store building.
Owner—Mrs. Gabriel Moulin, 145 Buena Vista Terrace, San Francisco.
Architect—Reid Bros., 105 Montgomery St., San Francisco.

Plans Being Prepared—Figures To Be Taken By September.
THEATRE Cost, $350,000
SACRAMENTO, K St., near 10th St.
Steel frame reinforced concrete class A theatre.
Owner—Paramount Corp., Sacramento.
Architect — Leonard Starks, Ochsner Bldg., Sacramento.

PORTLAND, Ore.—Archt. Chas. W. Ertz, Pittock Block, has completed plans for one-story, 120 by 60 ft., reinforced concrete theatre to be erected at E-28th and Couch Sts., for Van Etten & Co., 516 Porter Bldg., Portland.

LOS ANGELES, Cal.—Archts. Monaco & Bordeaux, 913 Bank of Italy International Bldg., are preparing plans for a class A theatre bldg., to be erected on Cahuenga Ave., near Hollywood Blvd., Hollywood, for the Music Box Theatre Co., Nathan Goldstein, pres.; it will contain auditorium and balcony to seat 1700 people; mezzanine fls., 2 shops, foyer and a large entrance. Reinf. conc. and steel frame constr., 90x196 ft., tile and comp. rfg., bedford stone facing, steel frame, basement, steam htg. sys., air washer vtg. sys., travretine stone inter., steel sash, ornam. iron and bronze, marble and tile work, smoking rms., fire doors. C. H. Simpson, Santa Monica, has the contract at about $300,000.

WHARVES & DOCKS

Preliminary Plans Being Prepared.
WHARVES, ETC. $2,000,000 approx.
ALAMEDA, Foot of grand St.
Wharves, piers and warehouses for shipping terminal.
Owner—Alaska Packers Assn., 111 Calif St., San Francisco.
Engineer — Mr. White, State Harbor Bd., Ferry Bldg.
Pile driving, wharf and general building construction involved in this work.

OAKLAND, Cal.—City council contemplates bond election to finance harbor improvements. Preliminary plans prepared by City Harbor Engineer Ralph Bechec provides for considerable dredging and fill in addition to erecting a series of piers to be 500 ft. long with space of 225 ft. bet. each.

MISCELLANEOUS BUILDING CONSTRUCTION

Contract Awarded.
STEEL CURTAINS Cost, $2725
NAPA, California.
Steel curtains for power house.
Owner—State of California.
Contractor—Western Iron Works, 141 Beale St., San Francisco.

Plans Being Figured.
STORE & LOFT Cost, $200,000
SAN FRANCISCO, SE 5th and Jessie St.
Two-story and basement reinforced concrete auto stage terminal store and loft bldg.
Owner—Louis R. Lurie.
Lessees — Pickwick Corp. & Pacific Auto Stage Lines.
Architect—O'Brien Bros., 315 Montgomery St., San Francisco.

Sub-Figures Wanted.
PRINTING PLANT Cost, $——
HAYWARD, Alameda Co., Cal.
One-story tile newspaper and printing plant.
Owner—J. F. Priosto, Hayward.
Architect—Not Stated.
Supt. of Constr.—M. S. Raymond, Hayward.
Structure will be leased to Hayward Weekly Review. Sub-bids are wanted for all portions of the work.

Contract Awarded.
MOTORS Cost—
SAN FRANCISCO, Channel St. & 5th.
Electric motors and wiring for mill—Individual motor drives.
Owner—Olson & Mahoney Lumber Co., 5th and Channel St., S. F.
Contractor—Scheer Electrical Engr. Co. Chronicle Bldg., S. F.

CALIFORNIA—Until July 23, 2 p. m., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, for painting 10 bridges in the counties of San Benito, San Luis Obispo, Santa Barbara and Monterey. **See call for bids under official proposal section in this issue.**

SAN DIEGO, Cal.—San Diego Smelting and Refining Co. has started work on the const. of a $75,000 smelter on the line of the S. D. & A. Ry., bet. 28th and 29th Sts. Albert A. Sampson, 140 Cuyamaca Ave., San Diego, is gen. Mgr. of the company. The first unit will consist of 4 rotary oil burning furnaces with a capacity of 4 tons of ore an hour, for each furnace, and a 1-ton converter.

MARIPOSA, Mariposa Co., Cal.—A. C. Roscoe, former manager of the El Portal Hotel, has leased property, with option to purchase, on the Mariposa-Briceburg lateral of the state highway on which he will establish a summer resort. In addition to main building, cottages and town buildings will be erected at a cost of $150,000.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Further information regarding these opportunities may be had from Domestic and Foreign Trade Department of San Francisco Chamber of Commerce, Merchants Exchange Bldg.:

D-613 — San Francisco, Calif. Firm wishes to get in touch with parties having used washing, filling, pasteurizing and corking machinery for sale.

D-614-A—Vancouver, B. C. Representative of Belgian exporter of crockery, enamelware, electric lamps, iron and steel, etc., desires communication with local firm interested in importing such articles.

D-616 — Rochester, N. Y. Owner of patent auto safety signal desires to interest capital in manufacturing and marketing his product. Circular on file with domestic trade bureau.

D-621—Cincinnati, Ohio. Manufacturer of lift trucks and lift truck platforms desires to appoint an agent on commission in this territory.

D-622 — San Francisco, Calif. Local manufacturer of storage batteries, battery plates and parts is looking for a distributor whose sales organization covers a large territory.

D-623—Youngstown, Ohio. Steel firm desires to get in touch with parties interested in purchasing 5000 tons of 60-lb. and 75-lb. relaying rails with angle bars to match.

D-625—Farry, Okla. Party building a tractor driven road scraper which builds its road before it is desirous of interesting individuals in the exploitation of this machine in California.

D-626—Pontiac, Mich. Inventor of new type of hood compensating spring suspension for automotive vehicles, particularly adapted for motor busses, desires to obtain capital to place the device on the market.

7147—Mexico City, Mex. Party wishes to sell cedar and mahogany logs in this market. Desires contact with firms interested.

7151 — New York, N. Y. Agents of Swedish iron and steel manufacturer desires to secure connections in this territory.

7155—Mexico City, Mex. Company has several million acres of pine timber lands for sale, ranging from $1k50 to $5 per acre.

7162—Phoenix, Ariz. Electrical engineer, armature winder and maintenance man, with twelve years experience, wants employment in either South America or Mexico.

7167—San Francisco, Calif. Gentleman who contemplates establishing himself in the Orient, with headquarters in Shanghai, would like to get in touch with one or two firms who would like their lines represented. First-class references as to ability and character.

CD-89—Las Vegas, N. M. Party is desirous of locating in California in the hardware or lumber business and would like propositions submitted.

CD-91—Bemidji, Minn. Gentleman is looking for a business opening; prefers retail lumber and would like investment proposition submitted.

CD-92—Worcester, Mass. Party is interested in coming to California to invest in the real estate business.

CD-93—Morristown, N. J. Individual desires to locate in California and has several thousand dollars to invest in a profitable business.

Official Proposals

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

NOTICE TO CONTRACTORS

(Pipe Line—Pearl Harbor)

Sealed Proposals, indorsed "Proposals for Pipe Line, Pearl Harbor, Hawaii, Specification No. 4827," will be received at the Bureau of Yards and Docks, Navy Department, Washington, D. C., until 4 o'clock A. M., July 18, 1923, and then and there publicly opened, for pipe line, with valves, hydrants and valve boxes at the Naval Operating Base, Pearl Harbor, T. H. Drawings and Specification No. 4827, may be obtained on application to the Bureau, to the Commandant, Navy Yard, Mare Island, Calif., or to the Commandant, Naval Operating Base, Pearl Harbor, T. H. Deposit of a check or postal money order for $10, payable to the Chief of the Bureau of Yards and Docks, is required as security for the safe return of the drawing and specification. E. GREGORY, Chief of Bureau, April 28, 1923.

NOTICE TO CONTRACTORS FOR CONSTRUCTION OF A GENERAL SCIENCE ROOM AT THE WILLARD SCHOOL

The Board of Education of the City of Berkeley and of Berkeley School District of Alameda County, State of California, invites and the undersigned will receive at his office, 2133 Allston Way, Berkeley, California, **up to the hour of 4 o'clock P. M., July 3, 1923,** sealed proposals for furnishing the necessary materials, tools and labor for the alteration, remodeling and addition of second floor corridor into a General Science Room at the Willard School, Telegraph Avenue, between Ward and Stuart Streets, Berkeley, California, in accordance with plans and specifications adopted by said Board of Education and now on file in the office of the said Board of Education, 2133 Allston Way, Berkeley, California.

Copies of said plans and specifications may be obtained at the office of the Board of Education, 2133 Allston way, Berkeley, California, upon depositing the sum of five dollars ($5.00) in cash. Said plans and specifications must be returned within five days from date of receipt or said deposit may be forfeited. Said deposit will be forfeited unless the plans are returned to the Board of Education office on or before 4 o'clock P. M., July 9, 1923.

Bids must be on blank forms furnished and obtained from the Secretary of the Board of Education. Work must commence within forty-eight (48) hours from notification of the Board of Education to commence said work and be diligently prosecuted until the completion thereof, unless otherwise ordered by said Board of Education.

The successful bidder will be required to furnish a surety bond acceptable to the Board of Education in a sum not less than twenty-five (25%) per cent of the contract price, guaranteeing the faithful performance of the contract; also a bond in a sum not less than fifty (50%) per cent of the contract price, guaranteeing the payment of all claims for labor employed or materials used in the construction of a general science room at the Willard School, as provided by an act of the Legislature of the State of California entitled "An Act to Secure the Payment of Claims of Material-men, Mechanics or Laborers employed by contractors upon State, Municipal or other public work, approved March 27, 1897," and must carry adequate insurance or give bonds indemnifying the Board of Education against liability for compensation provided by "Workmen's Compensation Insurance and Safety Act, approved May 26, 1913," satisfactory to the said Board of Education.

All bids must be accompanied by a cash deposit or certified check on a responsible bank and payable to the Board of Education, for an amount equal to ten (10%) per cent of the bid.

If the bidder to whom the contract is awarded shall for five (5) days after such award fail or neglect to enter into a contract and file the required bonds for the faithful performance of the contract and the furnishing of materials and labor, the cash deposit or certified check of said bidder may be declared forfeited to the Board of Education and shall be collected and paid into the general fund of said Board of Education.

The Board of Education reserves the right to reject any or all bids.

By order of the Berkeley Board of Education of the City of Berkeley and of Berkeley School District of Alameda County, State of California, June 19, 1923.

CLYDE BLANCHARD,
Secretary of Board of Education.

NOTICE TO CONTRACTORS FOR THE COMPLETION OF THE SHOPS BUILDINGS AT THE BURBANK SCHOOL, BERKELEY, CALIFORNIA

The Board of Education of the City of Berkeley and of Berkeley School District of Alameda County, State of California, invites and the undersigned will receive at his office, 2133 Allston Way, Berkeley, California, **up to the hour of 4 o'clock P. M., July 3, 1923,** sealed proposals for the completion of the shops building at the Burbank School, situated on University Avenue, between Curtis and Bonar Streets, Berkeley, California, in accordance with plans and specifications adopted by said Board of Education.

Copies of said plans and specifications may be obtained at the office of the Board of Education, 2133 Allston way, Berkeley, California, upon depositing the sum of five dollars ($5.00) in cash. Said plans and specifications must be returned in good condition within five days from date of receipt or said deposit may be forfeited. Said deposit will be forfeited unless the plans are returned to the Board of Education office on or before July 9, 1923.

Bids must be on blank forms furnished and obtained from the Secretary of the Board of Education. Work must commence within forty-eight (48) hours from notification of the Board of Education to commence said work and be diligently prosecuted until the completion thereof, unless otherwise ordered by said Board of Education.

The successful bidder will be required to furnish a surety bond acceptable to the Board of Education in a sum not less than twenty-five (25%) per cent of the contract price, guaranteeing the faithful performance of the contract; also a bond in a sum not less than fifty (50%) per cent of the contract price guaranteeing the payment of all claims for labor employed or materials used in the completion of the shops building at the Burbank School, as provided by an act of the Legislature of the State of California, entitled "An Act to Secure the payment of Claims of Material-men, mechanics or laborers employed by contractors upon State, Municipal or other public work, approved March 27, 1897," and must give bonds indemnifying the Board of Education against liability for compensation provided by "Workmen's Compensation Insurance and Safety Act, approved May 26, 1913," satisfactory to the said Board of Education.

All bids must be accompanied by a cash deposit or certified check on a responsible bank and payable to the Board of Education, for an amount equal to ten (10%) per cent of the bid.

If the bidder to whom the contract is awarded shall for five (5) days after such award fail or neglect to enter into a contract and file the required bonds for the faithful performance of the contract and the furnishing of materials and labor, the cash deposit or certified check of said bidder may be declared forfeited to the Board of Education and shall be collected and paid into the general fund of said Board of Education.

The Board of Education reserves the right to reject any or all bids.

By order of the Berkeley Board of Education of the City of Berkeley and of Berkeley School District of Alameda County, State of California.

CLYDE BLANCHARD,
Secretary of Board of Education.

NOTICE TO CONTRACTORS

Notice is hereby given that sealed bids will be received by the Board of Education of the Sacramento City School District for the complete erection of an addition to a school building in accordance with plans and specifications on file in the office of the Secretary of the Board of Education of the Sacramento City School District, Room 300, City Hall, Sacramento, California, and also in the office of Dean & Dean, Architects, third floor of City Library Building, 9th and I Streets, Sacramento, California.

The said school building is to be erected on the property owned by the School District, at 46th, 47th, R and T Streets, situated in the City of Sacramento, State of California.

On a deposit of $15.00 with the Board of Education, or the Architects, complete sets of plans and specifications may be had by any prospective bidder, and retained for a period of 15 days. The deposit will be returned to the bidder on the return of the plans and specifications in good condition.

Bids must be made on proposals obtained at the office of the Architects, and be signed by the bidder, accompanied by a certified check for at least 10% of the amount of the bid or proposal, certified to by some responsible bank or banker, and made payable to the Secretary of the Board of Education of the Sacramento City School District, said check to be forfeited to and [illegible]ained by the School District, sh[illegible]e party or parties to whom th[illegible]act shall be awarded fail to ent[illegible] to the contract after the award, or [illegible] give bonds as required. Bids must be plainly marked on the

QUANTITY SURVEYOR
and Valuation Engineer
Buildings & Engineering Works
ARTHUR PRIDDLE
693 Mission Street, at Third St.
San Francisco, Calif.
Telephone Douglas 8-4-9-3

exterior "Proposal for Additions to Coloma School Building."

All bids must be filed with the Secretary of the Board of Education of the Sacramento City School District, Room 300, City Hall, Sacramento, California, **not later than 7:30 o'clock P. M., Monday, July 16th, 1923.**

The Board of Education of the Sacramento City School District reserves the right to reject any and all bids.

BOARD OF EDUCATION, SACRAMENTO CITY SCHOOL DISTRICT,
Chas. C. Hughes, Secretary.

NOTICE TO CONTRACTORS

(Sacramento—Reinforced Concrete Sewers)

Bids will be received by the undersigned for the City Council of the City of Sacramento at the Council Chamber of said City Council in the City Hall of said City on the **5th day of July, 1923, between the hours of 8:15 and 9:15 o'clock p. m.** for the furnishing of all labor, equipment, and material necessary for, or appurtenant to, the construction of, and constructing—

490 linear feet 33 inch Monolithic concrete sewer.
801 linear feet 30 inch Monolithic concrete sewer.
739 linear feet 27 inch Monolithic concrete sewer.

on S Street in the City of Sacramento from 55th Street to the easterly line of Monte Vista, and the construction of five (5) concrete manholes with curbs and covers complete, with storm drains, all in accordance with the plans on file in the office of the City Clerk.

All such proposals must comply with the requirements of the Charter of the City of Sacramento effective June 30, 1921, and bidders are hereby cautioned that no bid which fails to comply therewith can be considered.

Bids must be submitted on printed forms prepared by the City, copies of which will be supplied free upon application to the undersigned.

At the same time as the execution of the contract the contractor shall execute a bond in the sum of $5000.00 for the faithful performance of the proposed work, in accordance with the provisions of the City Charter and Ordinances of the City of Sacramento.

In addition to the above named bond the Contractor shall execute at the same time a bond in the sum of not less than 50% of the amount of the contract for labor performed and material used in the proposed work.

A certified check made payable to the City Controller, as prescribed in Section 256 of the said Charter, for not less than ten (10%) per cent of the aggregate of the proposal must accompany each bid.

The right to reject any and all bids is reserved to the City Council by the provisions of said Charter.

H. G. DENTON,
Clerk of the City of Sacramento.

NOTICE TO CONTRACTORS

(Lakeview School, Oakland)

Office of the Secretary of the Board of Education of the City of Oakland.

Sealed bids will be received by the Board of Education of the City of Oakland, City Hall, Oakland, California, until **Monday, the 16th day of July, 1923, at 4:30 p. m.,** at which time said bids will be opened for the General Work, including Carpenter Work, Blackboards, Waterproofing, linoleum, Shades, and Painting, for the Finishing of Ground Floor of the LAKEVIEW SCHOOL, of the Oakland School District and Oakland High School District, located on block bounded by Grand Avenue, and Perry Street, Oakland, California.

Plans and specifications for said work are on file at the office of the Architect for the Board of Education, 2149 Broadway, Oakland, California.

On a deposit of Twenty-five ($25) Dollars, said plans and specifications may be had by any prospective bidder. These plans and specifications may be retained for seven (7) days.

If the plans and specifications are not returned to the Architect within the time above specified, or are returned in a mutilated or damaged condition, the deposit will be forfeited and will be immediately used for the purchase of a new set of blue prints and specifications.

Bids must be made on proposals obtained at the office of the Architect, and be signed by the bidder, accompanied by a certified check for at least 10 per cent of the bid, certified to by some responsible bank or banker, and made payable to J. W. Edgemond, Secretary of the Board of Education, to be retained by the said School Districts as agreed and liquidated damages should the party or parties to whom the contract should be awarded fail to enter into the contract after the award, or to give bonds required for the faithful performance of the contract, or any bond required by law. Each bid shall be accompanied by an affidavit executed on a form that can be obtained from the Architect.

Bids will be opened by the Board of said Districts on Monday, July 16, 1923, at the hour of 4:30 p. m., in the Board Room, 211 second floor of said City Hall in said City of Oakland. The Board reserves the right to reject any and all bids or any or all items of such bids.

J. W. EDGEMOND,
Secretary of the Board of Education of Oakland, California.

NOTICE TO CONTRACTORS

(Mountain View School District)

NOTICE IS HEREBY GIVEN that sealed bids will be received and opened by the Board of Trustees of the Mountainview School District, Stanislaus County, State of California, between the hours of **7:30 p. m. and 8:00 p. m. the 14th day of July, 1923,** in the office of the Board of Mountainview Grammar School, in the Mountainview School District, County of Stanislaus, State of California, for the construction, alteration and addition of the Mountainview Schoolhouse Building to be built on the property of the Mountainview School District, County of Stanislaus, State of California, in accordance with plans and specifications made for the same by Wallace H. Hubbert, the authorized architect employed by the Board.

Segregated bids will be received on the work as follows:

1. General Contract.
2. Electrical Work.
4. Plumbing.

Plans and specifications may be obtained at the office of the Architect, Wallace H. Hubbert, L. C. Black Building, Modesto, California, or may be seen at the office of the Clerk of the Board of Trustees at the Mountainview Schoolhouse in the Mountainview School District, County of Stanislaus, State of California.

All bids shall be presented on bid forms furnished by the Architect. Each bid must be accompanied by a certified check on some responsible California bank in the sum of not less than Ten Per Cent (10%) of the amount of the bid made payable to E. C. Arnold, Clerk of the Board of Trustees of the Mountainview School District, for the purposes stated in the specifications.

Each bid must be enclosed in a sealed envelope addressed to Mr. E. C. Arnold, Clerk of the Board of Trustees of the Mountainview School District and endorsed: "PROPOSAL FOR (name segregation) FOR MOUNTAINVIEW SCHOOL BUILDING."

The Board reserves the right to reject any and all bids. The Board reserves the right to waive any or all irregularity in the bids submitted.

Bids must be delivered to the undersigned Clerk of the Board at Mountainview at the time and place above stated or any time up to the hour of opening of said bids.

E. C. ARNOLD,
Clerk of the Board of Trustees of the Mountainview School District, County of Stanislaus, State of California.

NOTICE TO BIDDERS

(Sacramento Board of Education)

The Board of Education of the Sacramento City School District will receive sealed proposals at or before **7:30 p. m. Monday, July 9, 1923,** at the office of the Board of Education of the Sacramento City School District, City Hall Building, Sacramento, California, at which time and place bids will be opened and read in public for furnishing the labor and material for erecting and completing the proposed Elementary School Building to be located adjacent to the Riverside Road in the City of Sacramento, State of California, in accordance with plans and specifications prepared by Woolett & Lamb, Architects, 99 Mull Building, Sacramento, California. Bids will be received separately for the following classes of work:

1. General Contract for Building.
2. Electrical Wiring.
3. Plumbing.
4. Heating.
5. A combination bid of divisions of the work.
6. Alternate bids.

All bids must be accompanied by a check certified to by some responsible bank for 10 per cent or more of the amount of the proposal. In case this proposal is accepted, in whole or in part, and the bidder fails to enter contract or give an acceptable surety bond in the sum of 50 per cent of the amount of the contract to secure the faithful performance thereof, within fifteen days after such acceptance, then this certified check will be forfeited and retained by the Board of Education of the Sacramento City School District as liquidated damages for failure to carry out this proposal. Such contract and bond shall be in such form and of such contents as shall be satisfactory to the Board of Education of the Sacramento City School District.

All bids to be made out on forms furnished by the Architects.

Plans and specifications may be obtained from Woolett & Lamb, Architects, 99 Mull Building, Sacramento, California.

A deposit of $15 will be required from all contractors receiving plans, said deposit to be refunded when plans and specifications are returned in good condition.

The Board of Education of the Sacramento City School District reserves the right to reject any and all bids and to waive any informality in any bids received.

By order of the Board of Education of the Sacramento City School District, Sacramento, California.

By CHAS. C. HUGHES,
Secretary.

BIDS WANTED FOR STATE HIGHWAY IMPROVEMENT

STATE OF CALIFORNIA

DEPARTMENT OF PUBLIC WORKS

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of **The California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock P. M., on July 23, 1923,** at which time they will be publicly opened and read, (1) for construction in accordance with the specifications therefor to which special reference is made, portions of State Highway as follows:

(1) Del Norte County, a bridge 100 feet long and 21 feet wide between curbs across Wilson Creek near Requa (I-D.N.-1-A&B) consisting of two 30 foot and two 20 foot reinforced concrete girder spans supported on reinforced concrete bents.

(2) For cleaning and painting in accordance with the specifications therefor, to which special reference is made, portions of State Highway as follows:

San Benito County, a bridge over the San Benito River, about 3 miles north of San Juan Bautista (V-S. Bt.-2-A).

San Benito County, a bridge over the San Benito River, near Hollister (V-S. Bt.-22-A).

San Luis Obispo County, a bridge over the San Luis Obispo Creek, near Miles Station (V-S.L.O.-2-E).

Santa Barbara County, a bridge over Los Alamos Creek, about 7 miles west of Los Alamos (V-S.B.-2-B).

Monterey County, a bridge over the

Salinas River near Nacimiento (V-Mon-2-I).

San Luis Obispo County, a bridge over San Marcos Creek about 2 miles south of San Miguel (V-S.L.O.-2-A).

San Luis Obispo County, a bridge over Paso Robles Creek, about 2 miles south of Templeton (V-S.L.O.-2-B).

Santa Barbara County, a bridge over the Santa Maria River, about 2 miles north of Santa Maria (V-S.B.-2-A).

Santa Barbara County, a bridge over the Santa Ynez River about 6 miles south of Zaca (V-S.B.-2-D).

Santa Barbara County, a bridge over Dos Pueblos Creek near Naples (V-S.B.-2-G).

Plans may be seen and forms or proposal, bonds, contracts and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineer's offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal for full directions as to bidding, quantities of work to be done, etc.

The Department of Public Works, acting by and through the California Highway Commission, reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

HARVEY M. TOY,
LOUIS EVERDING,
N. T. EDWARDS,
California Highway Commission.
R. M. MORTON,
State Highway Engineer.
W. F. MIXON, Secretary.

Dated June 25, 1923.

NOTICE TO CONTRACTORS

(CONSTRUCTION OF LATERAL CANALS NUMBER 9, LE GRAND SYSTEM FOR MERCED IRRIGATION DIST.)

Public notice is hereby given that sealed proposals for excavation and earthwork construction of Lateral Canal Number 9, Le Grand System, will be received by the Board of Directors of Merced Irrigation District, at its office in the Bancroft Building in the City of Merced, State of California, at any time **up to 11 o'clock A. M., on Tuesday, July 10, 1923**, at which time and place all bids so received will be opened in public at the regular meeting of said board. Thereafter said board will let said work either in portions or as a whole, to the lowest, responsible bidder, but said board reserves the right to reject any or all bids and readvertise for proposals or proceed to construct the work under their own superintendence.

The work for the doing of which proposals are hereby invited in the excavation and earthwork construction of said canal, approximately 47,434 feet in length, which said canal extends from a point about one mile south-west of the town of Palanada, in Merced County, California, easterly to a point in the Northeast ¼ of Section 36, T. 7 S. R. 14 E. M. D. B. & M., Merced County, California; in accordance with the plans and specifications thereof which may be seen and copies thereof obtained at the office of said district.

Any bidder to whom a contract for said work or any portion thereof may be awarded must furnish bonds as provided by law, to-wit: a bond in the sum of at least one-half of the contract price to secure the payment of claims of materialmen, mechanics and laborers employed upon said work and a bond in the sum of at least 25 per cent of the contract price, conditioned for the faithful performance of the contract.

Each bid must be accompanied with cash or a cashier's or certified check or a bond for an amount equal to not less than 5 per cent of the total amount of the bid as a guarantee that if the bid is accepted the bidder will, within ten days after the acceptance, enter into a contract with the district in the form attached to said specifications and furnish the bonds aforesaid.

For the purpose of determining the amount of said bonds and deposit it will be assumed (without so guaranteeing) that the amount of excavation will be as estimated in the specifications, and that no overhaul will be found necessary.

All proposals must be on forms which will be furnished by the district at the office of said board, and must be in sealed envelopes, addressed to the Board of Directors of Merced Irrigation District.

Dated at Merced, California, June 15, 1923.

By order of said Board of Directors
A. L. COWELL, Secretary.

NOTICE TO CONTRACTORS

(Bureau of Yards and Docks—Building Extension—Spec. 4761)

SEALED PROPOSALS, indorsed "Proposals for Battery Storage Building, Pearl Harbor, Hawaii, Specification No. 4761," will be received at the Bureau of Yards and Docks, Navy Department, Washington, D. C., until 11 o'clock A. M., July 18, 1923, and then and there publicly opened, for an extension of an existing building at the Naval Operating Base (Submarine Base), Pearl Harbor, T. H. The work includes plain and reinforced concrete; concrete piles; hollow tile; wood sash, doors and finish; stucco; built-up roofing; sheet metal work; steel door frames; monorail and trolleys; railroad track; hardware; painting and glazing; plumbing, and electric lighting. Drawings and Specification No. 4761 may be obtained on application to the Bureau, to the Commandant, Naval Operating Base, Pearl Harbor, T. H., or to the Commandant, Navy Yard, Mare Island, Calif. Deposit of a check or postal money order for $10, payable to the Chief of the Bureau of Yards and Docks, is required as security for the safe return of the drawings and specification. L. E. GREGORY, Chief of Bureau, April 25, 1923.

NOTICE TO CONTRACTORS

(Porterville Union High School Dist.)

The Board of Trustees of Porterville Union High School District will receive sealed bids for the construction of a Gymnasium Building on the High School property at the corner of Jay and Olive Sts., Porterville, California, as per plans and specifications now on file with John L. Templeton, Clerk of said Board of Trustees, copies of which may be obtained from him at 206 Putnam Ave., Porterville, Cal., or from Coates & Traver, Architects, Rowell Bldg., Fresno, Cal. Bids may be made on the following segregations:

1. A general bid for erecting a gymnasium building exclusive of plumbing and heating work.

2. A general bid for erecting a gymnasium building, exclusive of plumbing and heating work, and omitting that portion shown as wing containing boys' showers, as shown on the plans.

3. A bid for plumbing and heating work, exclusive of that portion shown omitted in the wing containing the boys' showers, but with all pipe sizes left for such installation in the future.

4. A bid for plumbing and heating only for the above building.

A certified check or bidder's bond payable to John L. Templeton, Clerk of Board of Trustees, equal to 10% of the total amount of bid submitted must accompany the proposal.

All bids to be directed to John L. Templeton, Clerk of High School Trustees, and to be in his hands at the High School building, at Porterville, California, on or before **7:30 p. m., July 6, 1923.**

Mark on envelope name of bidder and specifications bid upon.

The right is reserved to reject any or all bids.

BOARD OF TRUSTEES OF PORTERVILLE UNION HIGH SCHOOL DISTRICT.

By JOHN L. TEMPLETON, Clerk.

NOTICE TO CONTRACTORS

(Modesto Junior College)

Notice is hereby given that sealed bids will be received and opened by the Board of Trustees of the Modesto Junior College District, Stanislaus County, State of California, **between 7:30 P. M. and 8:30 P. M., the 5th day of July, 1923**, in the office of the Board, Modesto High School Building, H Street, Modesto, Calif., for the installation and completion of the following work in the new Junior College building being built in the City of Modesto, Stanislaus County, State of California, in accordance with plans and specifications made for the same by W. H. Weeks, the authorized Architect, employed by the Board.

Segregated bids will be received on the work as follows:

1. Electric Heating System.
2. Electric Work.
3. Blackboard.
   (1st bid—Composition Board)
   2nd bid—Slate Board.)
4. Window Shades.
5. Metal Guides for Window Shades.
6. Special Fixtures.

Plans and specifications may be obtained at the office of the Architect, W. H. Weeks, 369 Pine Street, San Francisco, California, or may be seen at the office of the Clerk of the Board of Trustees, High School Building, in the City of Modesto.

All bids should be presented on bid forms furnished by the Architect. Each bid must be accompanied by a certified check on some responsible California bank in the sum of not less than Five per cent (5%) of the amount of the bid, made payable to Kathleen G. Prewett, Clerk of the Board of Trustees of the Modesto Junior College District, for the purposes stated in the specifications.

Each bid must be enclosed in a sealed envelope and addressed to Miss Kathleen G. Prewett, Clerk of the Board of Trustees of the Modesto Junior College District, and endorsed: "Proposals for (name segregation) for Junior College Building."

The Board reserves the right to reject any and all bids. The Board reserves the right to waive any or all irregularities in the bids submitted.

Bids must be delivered to the undersigned Clerk of the Board at Modesto, at the time and place above stated, or any time up to the hour of opening of said bids.

KATHLEEN G. PREWETT,
Clerk of the Board of Trustees of the Modesto Junior College District, Modesto, Stanislaus County, Calif.

NOTICE TO BIDDERS

(County of Madera—Equipment)

NOTICE IS HEREBY GIVEN THAT pursuant to an order of the Board of Supervisors made and entered on the 5th day of June, 1923, sealed bids will be received by said Board at their Office in the Court House, in the City of Madera, County of Madera, State of California, **up to July 3rd, 1923, at 10 o'clock A. M.**, for the following truck equipment:

2—4 Yard dump beds with horizontal hydraulic power lift, installed on 2 Madera County Liberty trucks located at Madera, California.

2—2½ Yard dump beds with horizontal hydraulic power lift, installed on 2 Madera County Pierce Arrow trucks located at Madera, California.

All dump beds to be equipped with not less than ⅜ inch Steel and to have double action tail gates.

Each bid to be accompanied with a picture or drawing of the dump bed offered.

Each bid to be accompanied by a certified check of 10 per cent of amount bid to insure the delivery of said dump beds as submitted.

All bids must be sealed and addressed to L. W. Cooper, County Clerk and ex-officio Clerk of the Board of Supervisors of the County of Madera, State of California—and be delivered to and filed with said Clerk prior to the 3rd day of July at 10 o'clock A. M.

The Board reserves the right to reject any and all bids.

Dated June 5th, 1923.

(SEAL) L. W. COOPER,
County Clerk and ex-officio Clerk of the Board of Supervisors of Madera County, State of California.

NOTICE TO CONTRACTORS

(Schools—Modesto, Calif.)

Separate sealed proposals will be received at the office of the Board of Education of the Modesto City School District of Stanislaus County, California, **between 7:30 P. M., and 8:30 P. M., the 5th day of July, 1923,** for furnishing and installing electrical heating equipment and electrical wiring for same and for furnishing and installing the electrical service lines from power company's poles to the different buildings, connecting same to electrical heating system.

Contractors shall submit separate bids for:

A new school "A" on the Maze lot, located on Locust and Franklin Streets.

A new school "B" on the Morris Avenue Lot, located on Morris Avenue.

An addition "C" to the Washington Street School.

An addition "D" to the 17th Street Schools.

Bids will be opened at the latter hour above mentioned and publicly announced.

The Board reserves the right to accept or reject any or all bids.

Plans of the buildings may be seen at the office of the Board of Education, High School Building, Modesto, Calif., or at the office of the Architects, 1916 Broadway, Oakland, California. A deposit of $20.00 will be required as a guarantee of the return of the plans taken from either office and will be refunded to the Contractor when the plans are returned in good condition.

Bidders shall submit a definite proposition stipulating precisely what they will furnish, their guarantee for maintenance and uniformity of heat, type of electrical heating equipment, the size wires for all service and shall state the approximate cost of maintaining uniform heat 70 degrees F. when the outside temperature is 30 degrees F. The successful bidder will be required to furnish a surety bond to cover their guarantee as above stated.

A certified check for not less than 5% of the amount of the proposal payable to the Modesto City School District of Stanislaus County, California, must accompany each proposal. Should a bidder fail to obtain a bond and sign a contract for the amount of his proposal, his check is forfeited. All checks will be returned to bidders on application at the office of the Secretary of the Board after the contract has been signed and bond furnished by the Contractor whose bid has been accepted.

Proposals shall be made upon the bidder's letterhead.

Proposals shall be delivered to Miss Kathleen G. Prewett, Secretary, of the Board of Education, Modesto, California, enclosed in an opaque sealed envelope addressed to the Board of Education, Modesto City School District of Stanislaus County, California. Place on the envelope the name of the bidder and these words, "Bid on the electrical heating equipment and wiring for the new Schools on the Maze and Morris Avenue Lots and additions to the Washington Street School and the 17th Street School."

Before submitting a proposal, bidders should carefully examine the drawing, visit the site and fully inform themselves as to all existing conditions and limitations, and shall include in the proposal a sum to cover the cost of all items contemplated by the contract.

The competency and responsibility of bidders will be considered in making the award. The Board of Education reserves the right to reject any or all bids. The Board of Education reserves the right to waive any or all irregularities in the bids submitted.

The drawings must be returned in good order before or at the time the proposal is submitted.

Any bulletins or addenda issued during the time of bidding are to be covered in the proposal, and in closing a contract they will become a part thereof.

KATHLEEN G. PREWETT,
Secretary Board of Education, Modesto City School District, Modeste, Calif.

NOTICE TO CONTRACTORS

(CONSTRUCTION OF LINGARD LATERAL CANALS—LE GRAND SYSTEM FOR MERCED IRRIGATION DISTRICT)

Public notice is hereby given that sealed proposals for excavation and earthwork construction of Lingard Lateral Canals, Le Grand System, will be received by the Board of Directors of Merced Irrigation District, at its office in the Barcroft Building in the City of Merced, State of California, at any time **up to 11 o'clock on Tuesday, July 10, 1923,** at which time and place all bids so received will be opened in public at the regular meeting of said board. Therefore said board will let said work either in portions or as a whole to the lowest responsible bidder, but said board reserves the right to reject any or all bids and readvertise for proposals or proceed to construct the work under their own superintendence.

The work for the doing of which proposals are hereby invited is the excavation and earthwork construction of said canal laterals, approximately 55,191 feet in length, which said canal laterals comprise the canal system lying within Sections 10, 11, 13, 14, 15, 16, 21, 22, 23, and 24, T. 8 S., R. 14, M. D. B. & M., Merced County, California, in accordance with the plans and specifications thereof, which may be seen and copies thereof obtained at the office of said district.

Any bidder to whom a contract for said work or any portion thereof may be awarded must furnish bonds as provided by law, to-wit: a bond in the sum of at least one-half of the contract price to secure the payment of claims of materialmen mechanics and laborers employed upon said work, and a bond in the sum of at least 25 per cent of the contract price, conditioned for the faithful performance of the contract.

Each bid must be accompanied with cash or a cashier's or certified check or a bond for an amount equal to not less than 6 per cent of the total amount of the bid as a guarantee that if the bid is accepted the bidder will, within ten days after the acceptance enter into a contract with the district in the form attached to said specifications and furnish the bonds aforesaid.

For the purpose of determining the amount of said bonds and deposit it will be assumed (without so guaranteeing) that the amount of excavation will be as estimated in the specifications, and that no overhauling will be found necessary.

All proposals must be in forms which will be furnished by the district at the office of said board, and must be in sealed envelopes, addressed to the Board of Directors of Merced Irrigation District.

Dated at Merced, California, June 15, 1923.

By order of said Board of Directors.
A. L. COWELL, Secretary

BIDS WANTED FOR PIERS AND WHARF

NOTICE TO CONTRACTORS

SEALED PROPOSALS, indorsed "Proposals for Piers and Wharf, Pearl Harbor, Hawaii, Specification No. 4799," will be received at the Bureau of Yards and Docks, Navy Department, Washington, D. C., until 11 o'clock A. M., August 8, 1923, and then and there publicly opened, for two piers and a wharf, all of reinforced concrete; the small pier 18 feet wide by 335 feet long, the large pier 26 feet wide by 360.5 feet long and the wharf 28.5 feet wide by 260 feet long. The piers and wharf will have reinforced concrete deck, precast reinforced concrete piles and composite piles, creosoted timber fender and dolphin piles, and timber fender system. Cleats, bitts, tracks and electric conduits will be included. No dredging is included. Drawings and Specification No. 4799 may be obtained on application to the Bureau, to the Commandant, Navy Yard, Mare Island, Calif., or to the Commandant, Naval Operating Base, Pearl Harbor, T. H. Deposit of a check or postal money order for $10, payable to the Chief of the Bureau of Yards and Docks, is required as security for the safe return of the drawings and specification. L. E. GREGORY, Chief of Bureau, May 25, 1923.

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Engineering News Section

BRIDGES

WOODLAND, Yolo Co., Cal.—Bids will be rec. by county supervisors on or about July 9 to const. 337 ft. rein. conc. arched and girder bridge over Putah creek at Stevenson's Crossing bet. Davis and Winters; est. cost $50,000. Construction will be financed jointly by Solano and Yolo county. Plans prepared by Asa G. Proctor, county surveyor of Yolo County.

SAN FRANCISCO—Plans have developed to such a stage, that San Francisco and her sister counties in Northern California, will request the U. S. War Department to open hearings within the next few months on the proposal to construct a bridge across Golden Gate Strait as the connecting link to Marin county. Preliminary plans for the structure, prepared by Joseph Strauss, Chicago, have been received by M. M. O'Shaughnessy, city eng. of San Francisco. Plans have also been made by Eng. J. G. Little, 251 Kearny St., San Francisco, for two other spans, both at the same location, from the foot of Van Ness avenue to the present ferry landing at Sausalito, Marin county; one design advocates a combination trestle and tube with a clear ship channel of 1500 ft. or about one-quarter mile between ventilation towers. The other design is for a high steel bridge with three main spans for 1100 ft. or about one-fifth of a mile each, the remainder of the bridge to be of low level spans. Engineer Little declares both his designs can be put through with less engineering difficulty than that originally proposed by the Strauss plan.

WOODLOND, Yolo Co., Cal. — Until July 9, 10 a. m., bids will be rec. by H. R. Saunders, county clerk, to const. reinforced concrete bridge at Stevenson's crossing over Putah Creek on line bet. Yolo and Solano counties; cost of which will be financed by both counties. Plans obtainable from County Surv. Asa G. Proctor, Woodland, on deposit of $5, returnable.

PORTERVILE, Tulare Co., Cal. — City Eng. Fred Pease instructed to prepare plans for bridge over Porter Slough at Main street and to move two sections of the present Main St. bridge to Gravilla Ave. and to D St.

MONROVIA, Cal.—Until 7:30 p. m., July 2, bids will be rec. by city council for a conc. swale across the Santa Anita wash, on the Duarte Rd. H. S. Gierlich, city engr. The structure will be of 8-in. conc., 20 ft. wide and 250 ft. long.

DEL NORTE COUNTY—Until July 23, 2 p. m., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, to const. bridge 100 ft. long and 21 ft. wide bet. curbs across Wilson creek near Requa, Del Norte County; will consist of 2 30-ft. and 2 20-ft. rein. conc. girder spans supported on rein. conc. bents. R. M. Morton, state highway eng. **See call for bids under official proposal section in this issue.**

HOLLISTER, San Benito Co., Cal.—Until July 2, 11 a. m., bids will be rec. by Elmer Dowdy, county clerk, to const. rein. conc. bridge on Gilroy-Hollisterd or Briggs road over Pajaro river in counties of San Benito and Santa Clara. Cert. check 10% payable to clerk req. Bids will also be taken for same structure, on same date, by Santa Clara county supervisors. Plans on file in offices of clerks of both counties.

SAN RAFAEL, Marin Co., Cal.—Until July 3, 2 p. m., bids will be rec. by county supervisors to const. reinforced concrete bridge over Nicasio Creek near Black Mountain. Plans on file in office of clerk.

CALIFORNIA—Until July 23, 2 p. m. bids will be rec. by State Highway Commission, Forum Bldg., Sacramento for cleaning and painting 10 bridges in the counties of San Benito, San Luis Obispo, Santa Barbara and Monterey. **See call for bids under offleial proposal section in this issue.**

PHOENIX, Ariz.—Monarch Engr. Co., Denver, submitted low bid to state highway dept., at $6241.50 to const. five conc. bridges on the Apache trail. Other bids were: L. C. Lashmet, Prescott, $9100; S. B. Shumway, Mesa, $11,209.70; Midland Bridge Co., Kansas City, $13,821.

DREDGING, HARBOR WORKS AND EXCAVATIONS

LOS ANGELES, Cal.—United Dredging Co., 325 Central Bldg., submitted low bid to harbor comm., June 22, at 29.4c cu. yd. for dredging approx. 290,000 cu. yds. material at slips 148, 149 and 150, Los Angeles harbor. San Francisco Bridge Co. bid $49.2c.

OAKLAND, Cal.—City council plans bond issue to finance harbor improvements. Preliminary plans prepared by City Harbor Engineer Ralph Beebee provides for considerable dredging in addition to fills and the erection of piers to be 500 ft. long with space of 225 ft. between each.

LOS ANGELES, Cal.—Until 11 A. M., July 23, bids will be rec. by supervisors to const. earth fill for east approach to the bridge on Stewart and Gray Road over the Rio Hondo in Los Angeles County. Cert. chk. or bond, 10%

RICHMOND, Contra Costa Co., Cal.—Until July 2 bids will be rec. by city council for purchase of $100,000, 6% harbor improvement bonds; proceeds of sale to finance dredging in Richmond harbor. A. C. Faris, city clerk.

SUTTER COUNTY, Calif.—State Reclamation Board authorizes expenditure of approx. $70,000 in Reclamation District No. 70 to move about 300,000 cu. yds. of material to raise levee just north of Reclamation District No. 1660 levee.

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IRRIGATION PROJECTS

YUMA, Ariz.—Pacific Bldg. Co., O. W. Cotton, pres., 334 C St., San Diego, reports that the new Mohawk Valley Irrigation Dist. has been organized to provide for 30,000 acres land along the Gila river, starting 50 mi. east of Yuma and extending to within 140 mi. of Phoenix. The project is in charge of Jim Dobbins, engr., and O. W. Cotton, the latter having charge of the sale of land in this dist., Norton, P. O., on the Bankhead Ocean-to-Ocean highway, is in the center of the dist. About 60 wells will be drilled to utilize the underground waters and diversion calans will be constructed on the Gila river.

SAFFORD, Ariz.—Water users of the Gila valley are unanimously in favor of the formation of an irrigation dist. comprising almost all of the cultivaated land in the valley. The water users houe to form the dist. and start at once to construct reservoirs on the Gila river and its tributaries. Petitions to the Board of Supervisors to grant the water users permission to form an irrigation dist. are in circulation.

PORTERVILLE, Tulare Co., Cal. — Election will be held July 6 to vote question of organizing Vandalia Irrigation District. The district if formed will vote bonds to finance construction of works.

CHANDLER, Ariz.—A bond election will be held July 10 in the Queen creek district, about 15 or 16 miles east of Chandler, for the purpose of voting a $300,000 issue of bonds. The funds will be used in putting down wells, building power lines and canals for the reclaiming of about 5000 acres of desert land. There are at present five or six pumps and wells on this tract of land which are now being run by oil engines. Little opposition to the bond issue is expected.

HOLLISTER, San Benito Co., Cal.—County supervisors set July 31 as date to vote on question of organizing Hollister Irrigation District. Elmer Dowdy is town clerk.

LIGHTING SYSTEMS

LOS ANGELES, Cal.—C. W. Sparks, 214 E Seaside Blvd., Long Beach, submitted low bid to Bd. Pub. Wks. at $10,467 for fur. and install. ornam. light system in Bello Porte Ave., bet. West-on St. and 50 ft. s. of 255th St. Other blds: A. C. Rice, $10,500; So. Cal. Electric Co., $10,999; Newbery Electric Corp., $11,741.

OILDALE ,Kern Co., Cal.—Election will be called at once to vote bonds to finance the installation of a street lighting system.

SAN BERNARDINO, Cal.—City Eng. C. E. Johnson preparing plans for street lighting projects totaling approx $104,000. These have been approved by the property owners. Bids for the light on Mt. Vernon Ave., bet. 3rd and Mill Sts., costing $15,000 will be asked soon.

SANTA CRUZ, Santa Cruz Co., Cal.—Butte Electrical and Mfg. Co., 534 Folsom St., San Francisco, at $9031.60 awarded cont. by council to install electrolier system. Other blds: F. E. Newberry Electric Co., San Francisco, $10,816.44; Santa Cruz Electric Co., Santa Cruz, $11,409.50; est. of city eng. James K. James, $10,500.

Architects—Engineers—City and County Officials

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Building & Engineering News

MANHATTAN BEACH, Cal. — W. T. Grauer, Manhattan Beach, awarded contract by city trustees at $1910 for const. ornam. light. sys. on Marine Ave., bet. Ocean Dr. and Grand View Avenue.

BAKERSFIELD, Kern Co., Cal. — H. W. Walker, electrical engineer, has submitted estimates of cost to install street lighting system. Estimates were prepared at request of Civic Commercial Assn. Proposed to install standards on frontage of 137,757 feet, at $97,547 or $4.25 per ft., the maintenance cost to be: electricity $228 per mo.; globes, lamps, etc., $130 per mo. with renewals at $44.50 per mo., the total monthly cost being $402.50.

LOS ANGELES, Cal.—C. W. Sparks, 417 E Seaside Blvd., Long Beach, awarded cont. by Bd. Pub. Wks. at $10,467 for install. ornam. light sys. in Belle Porte Ave., bet. Weston St. and 50 ft. s of 255th St. Other bids: A. C. Rice, $10,500; So. Cal. Elec. Co., $10,999; Newbery Elec. Corp. $11,741.

MACHINERY & EQUIPMENT

LOS ANGELES, Cal.—Until 2:30 p. m July 6, bids will be rec. by Harbor Commission, 342 Byrne Bldg., for the following:

Motor driven pipe machine under spec. 487.

Double drum steam hoisting engine with boiler under spec. 486.

Steam hammer for pile driver under spec 484.

Plans and spec. on file at office of Guy W. Wade, secy.

MONROVIA, Cal.—Until July 2, bids will be rec. by city trustees for fur. a 1 to 2-ton truck chassis.

ORANGE, Cal.—Until 8 p. m., July 13, bids will be rec. by Orange union high school dist. for one 2-passenger bus on 1½-ton chassis, or less. H. L. Haynes, clerk.

VISALIA Tulare Co., Cal.—City Mgr. B. J. Pardee recommends bond issue for $10,000 to purchase motor street cleaning apparatus.

KERMAN, Fresno Co., Cal. — Until July 27, 8 p. m., bids will be rec. by M. S. Meeker, clerk, Kerman Union High School District, for fur. one or more school bus chassis. Separate bids are wanted for one or more school bus bodies. Specifications must be furnished with bid.

LOS ANGELES, Cal.—Franklin Machinery & Supply Co., 1915 Santa Fe Ave., submitted low bid to public service comm. at $9597 for one wheel type trench excavator. Brown-Bevis Co. submitted a bid of $14,200 with an alternate of $8100.

REDWOOD CITY, San Mateo Co., Cal. —Until July 21, 2 p. m., bids will be rec by Thos. O. Heydenfeldt, clerk, Sequoia Union High School District, for fur. two 40-passenger auto school buses; bidders to state horsepower and carrying capacity and time same can be delivered. Further information obtainable from clerk at Union High School, Redwood City.

LONG BEACH, Cal.—Until 10 a. m., July 6, bids will be rec. by council for two motor trucks under spec. G-108. Cert. chk. or bond, 10%. C. H. Windham, city manager.

RAILROADS

MARYSVILLE, Yuba Co., Cal.—Western Pacific Rlwy. has submitted plans to J. O. Wanzer, city manager of Marysville, for proposed subways at 14th and I Sts. and Thirteenth streets. J. W. Williams, ch. eng. for W. P. Rlwy.

LOS ANGELES, Cal — F. R. Houghton freight traffic mgr. of the Santa Fe system, announces that company plans extension of its line into Long Beach The company is said to be negotiating for a site of 224 acres on the water front, now owned by the Dock and Terminal Co.

LOS ANGELES, Cal.—Sharp & Fellows, Central Bldg., awarded contract to const. 3-mil. spur track into the Torrance oil fields for A. T. & S. F. Ry., costing $175,000. W. K. Etter, acting general manager.

FIRE EQUIPMENT

FRESNO, Fresno Co., Cal. — Until July 12, 3:30 p. m., bids will be rec. by Chas. Dillon, city commissioner of Finance, for fur. two 750-gal. motor propelled triple combination pumping engines. Successful bidder shall be required to purchase from the city of Fresno: One second size 700 gals. Metropolitan Steamer, equipped for towing; one fourth size Ahrens Steamer, equipped for towing; one third size 600 gal. Metropolitan Steamer, equipped with four cylinder Christie front drive tractor. Cert. check 10% payable to city req. with each bid.

BEN LOMOND, Santa Cruz Co., Cal.—Newly organized Ben Lomond Fire District has voted bonds of $2000 to purchase fire fighting apparatus.

VISALIA, Tulare Co., Cal.—City Mgr. B. J. Pardee recommends bond issue for $50,000 to finance purchase of 3 pieces of fire fighting apparatus; extend fire alarm system and construct two new fire houses.

SUSANVILLE, Lassen Co., Cal.—City votes bonds of $15,000 to be added to $41,000 fund, already available, to finance purchase of site and erect city hall; also to purchase fire fighting equipment.

MISCELLANEOUS SUPPLIES

SAN FRANCISCO—Until July 9, 3 P. M., bids will be rec. by Leonard S. Leavy, City Purchasing Agent, Rm. 270 City Hall, for fur. and del. among other supplies, the following: Engineering and plumbing supplies; hardware and metals; brushes, glass, painters' supplies and paints; lumber and mill work; electrical supplies; Portland cement.

Bids are also desired for furnishing during the months of July, August and September, the following: Window shades, kitchen equipment, fuel, fuel oil, and gasoline, lubricants, household supplies and cordage; hospital appliances; street and sewer materials, incandescent electric lamps. Further information on request.

SACRAMENTO, Cal.—Until July 9, 5 p. m., bids will be rec. by Chas. C. Hughes, secy. Bd. of Education, for fur. 3000 or more barrels of fuel oil for furnaces of various schools of the Sacramento City Elementary, High and Junior College Districts. Delivery to be made commencing July 1 and ending June 30, 1923; prices to be f. o. b. schools. Cert. check 10% payable to Board of Education req. with each bid.

RESERVOIRS AND DAMS

HUNTINGTON PARK, Cal.—Cline-Corrick Co., 201 N. Ardmore Ave., awarded contr. by city trustees at $3945 to const. 75,000-gal. reinf. concr. reservoir at Huntington Park. F. W. Dahl, Santa Ana, bid $4140. Howard McCurdy, P. E. Bldg., Los Angeles, Engr.

LONG BEACH, Cal.—Bids will be asked shortly to const. 14,000,000 gal. reservoir on Reservoir Hill. Plans will be completed July 1. Work will involve a 30-in. line from the reservoir to State St. and Elm Ave., with a 20-in. line from that point to Ocean Blvd. C. H. Windham, City Mgr. H. D. Van Alstine, City Eng.

BIGGOUT, Butte Co., Cal.—Directors of Biggout-Yuba Irrigation District vote to accept proposal of Middle Fork Development Co., to construct Grizzley Valley reservoir for district at a cost of $54.63 per acre. The district comprises 21,000 acres.

PIPE LINES, WELLS, ETC.

PORTLAND, Ore—See "Waterworks" this issue. Bull Run pipe line extension.

WASHINGTON, D. C.—Until July 18, 11 a. m., bids will be rec. by Bureau of Yards and Docks, Navy Department, Washington, D. C., under Specification No. 4827, to const. pipe line with valves, hydrants and valve boxes at Naval Operating Base, Pearl Harbor, T. H. **See call for bids under official proposal section in this issue.**

LONG BEACH, Cal.—Until 10 a. m., July 3, bids will be rec. by council for class B C. I. water pipe as follows: 15,000 ft. 30-in.; 10,000 ft. 20-in.; 5280 ft. 12-in.; 5280 ft. 8-in.; and 5280 ft. 6-in.; also class B fittings. Cert. check or bond, 10%. C. H. Windham, city mgr. 32

SEWAGE DISPOSAL PLANTS

FRESNO, Fresno Co., Cal.—City commissioners will appropriate $25,000 from general funds to finance new wells at the sewer farm. Wm. Stranahan, city eng.

MANTECA, San Joaquin Co., Cal.—G. A. Johnson, Manteca, at $8790, submits low bid to city trustees to const. rein. conc. sewage tank, 27 by 63 ft. Other bidders: C. W. Wood Co., Manteca $10,100; Davison and Nicolsen, Stockton, $10,400; W. H. Graham, Lodi, $10,686.60. Taken under advisement.

SANTA ROSA, Sonoma Co., Cal. — Clyde Smith, sanitary engineer, 516 Santa Barbara Rd., Berkeley, commissioned by city council to prepare plans for sewage disposal plant. Preliminary estimates place the cost of the work at approx. $100,000.

VISALIA, Tulare Co., Cal.—Bids will be asked by City Trustees shortly to rebuild sewage disposal system. Plans have been approved by State Board of Health. B. F. Pardee, City Mgr. and L. H. Gadsby, City Eng.

OILDALE, Kern Co., Cal.—Election will be called at once to vote bonds of $77,000 for sewage improvements. z

MANTECA, San Joaquin Co., Cal.—G. A. Johnson, Manteca, at $8790 awarded cont. by city trustees to const. aeptic tang for sewage disposal works.

MISCELLANEOUS CONSTRUCTION

SAN RAFAEL, Marin Co., Cal.—See "Streets and Sewers," this issue. Fencing highway.

SACRAMENTO, Cal—Seven bids were rec. by City Commissioners to erect garbage and refuse incinerator, high temperature forced draft type, mechanically charged, and able to reduce to clinker, garbage, refuse and general municipal waste; combustion in the furnace to be complete and escaping gases to the atmosphere free from dust and objectionable odors; capacity of one hundred and fifty tons per day. Bids referred to City Mgr. for report. Bidders were: Balmer Corp., New York, Balmer type; Freeland-Roberts Co., Nashville, Tenn., Harris type; Stacy-Bates Co., Minneapolis, Decarie type; Davis Garbage Furnace Co., New York, Davis type; Ludwig Incinerator Co., San Francisco, Ludwig type; War Department, Washington, D. C., U. S. Army Standard type; E. L. Decarie, Portland, Ore., Decarie Automat type.

SANTA MONICA, Cal. — Southern Counties Gas Co. will expend approx. $200,000 on improvements to the company's various properties in the Santa Monica Bay dist. Included in the improvements are: 12-in. distribution feeder to cost $60,000; 21,170 ft. 8-in. main costing $35,000; garage bldg. on Washington Blvd., costing $13,000; remodeling of generator house, $5000; and various other sections of 6-in. and 8-in. pipe.

SAN FRANCISCO—Br. Pub. Wks. requests supervisors to authorize construction of safety station at intersection of Market, 17th and Castro streets for convenience of Muny Rlwy. patrons. Total est. cost $4000. M. M. O'Shaughnessy, city engr.

WATER WORKS

PORTLAND, Ore.—H. L. Corbett, consulting engineer, Couch Bldg., preparing plans for new water system for property owners, who will organize district, in Clackamas county embracing territory in the northern section adjoining Milwaukee. Proposed to issue bonds of $125,000 to finance extension of Bull Run pipe line to serve the district; line will be approx. 25-mi. long ranging from 2-in. pipe to larger dimensions.

BURBANK, Cal. — Claude Fisher awarded contr. by city trustees to fur. and lay water pipe in Olive St., bet. Main and Buena Vista Sts., at $1.85 ft. 6-in. pipe and fittings; $1.11 ft. 4-in. pipe incl. fittings.

MONROVIA, Cal.—Until 7:30 P. M., July 2, bids will be rec. by City Council for 20 hydrants. Bids will also be rec. at the same time for two booster pumps

VISALIA, Tulare Co., Cal.—City Mgr. B. J. Pardee recommends bond issue for $375,000 to finance construction of municipal water system. L. H. Gadsby, city engineer.

VISALIA, Tulare Co., Cal.—City Mgr. B. J. Pardee recommends bond issue for $300,000 to straighten and conduit Mill Creek from city limits to city limits. L. H. Badsby, city eng.

EL MONTE, Cal.—Shinn-Holtz-Lyon Co., Los Angeles, awarded contr. by Temple school trustees for fire and water system. Fairbanks, Moore & Co. bid $2054.

MONROVIA, Cal.—Until 7:30 P. M., July 2, bids will be rec. by City Trustees for fur. f. o. b. pumping plants, the following items: One centrifugal booster, at San Gabriel Plant; one centrifugal booster at Lime Ave. plant. Both pumps to be connected with electric motor complete. Plans and spec. on file at the office of the City Eng.

DUNSMUIR, Siskiyou Co., Cal.—Mayor S. H. Wilkins has appointed citizens committee to investigate possibilities of municipal owned light and water plant. It is proposed to acquire water system now owned by California-Oregon Power Company as well as to buy power from that company.

WASHINGTON, D. C.—Until July 18 11 a. m., bids will be rec. by Bureau of Yards and Docks, Navy Department, to const. pipe line with valves, hydrants and valve boxes at Naval Operating Base, Pearl Harbor, T. H. Spec. 4827. **See call for bids under official proposal section in this issue.**

SAN DIEGO, Cal. — Frank Doran, 3735 7th St., submitted only bid to install water mains in Mission Beach, at lump bid of $19,200. City Engr. F. A. Rhodes will recommend its rejection and a re-advertisement for new bids, probably about July 9.

WILLIAMS, Colusa Co., Cal.—Election held to vote bonds of $60,000 to finance construction of water system failed to carry.

GLENDALE, Calif.—Until 7 p. m., July 12, bids will be rec. by council for del. f. o. b. cars, Glendale, one 400 h. p. synchronous motor in accordance with spec. on file at the office of the city clerk. Cert. chk. 10%. A. J. Van Wie, city clerk.

PLAYGROUNDS & PARKS

VISALIA, Tulare Co., Cal.—City Mgr. B. J. Pardee recommends bond issue for $13,000 to finance purchase of additional lands for park purposes.

SELBY, Contra Costa Co., Cal.—Until July 6, 8 P. M., bids will be rec. by Chas. Richards, Clerk, Selby School District, to const. approx. 800 ft. wire fence at school grounds in Tormey Cert. check 10% payable to Clerk req. with each bid. Plans on file in office of Clerk at Selby.

SEWERS AND STREET WORK

SACRAMENTO, Cal.—Council, H. G. Denton, clerk, declares inten. to imp. V St., bet. 34th and 36th Sts.: const. conc. curb and gutter; place c. l. gutter drains with 6-in. vit. manhole and sewer connections; reconst. manholes; 4-in. vit. sewer services to property line; conc. walks; 1-in. water main connections; grade; pave with 4-in. asph. conc. 1911 Act and 1915 Bond Act. Protests July 12. Albert Givan, city eng.

LOS ANGELES, Cal.—Wm. Liddington, 420 E 60th St., submitted low bid to Bd. Pub. Wks. at about $84,568.10, for imp. Normandie Ave., bet. 54th St. and Florence Ave., involv. grading at $8451.25 (lump sum); 276,562 sq. ft. conc. paving 22.7c ft.; 150 sq. ft. grade and oil 7c ft.; 5503 ft. curb 63c ft.; 26,076 sq. ft. walk 19c ft.; 2939 ft. hse. sewers $1.55 ft.; six chimneys $450 complete.

SEATTLE, Wash.—J. L. Smith, Pioneer Bldg., Seattle, at $254,014 for clay or concrete, submitted low bid to Bd. Pub. Wks. to sewer and pave Wilson Ave. Chas. T. Gordon only other bidder at $259,017 for clay and $258,050 for concrete pipe. Eng. est. $221,235.

HUNTINGTON BEACH, Cal.—Bids to pave Ocean Ave., through the city limits, rejected by the city trustees. Work will be re-advertised.

SACRAMENTO, Cal.—Council, H. G. Denton, clerk, declares inten. to imp. X St., bet. 28th and 34th Sts.:const. conc. curb and gutter; c. l. drains with 6-in. manhole connections; connect manholes to manholes with 8-in. vit. pipe; const. new conc. and reconst. present manholes; conc. walks; grade at intersection of 28th and X Sts. and const. on finished subgrade 2-in. asph. conc. pavement; grade unimproved portion from 28th to 31st Sts. and const. 5½-in. asph. conc. pavement and grade unimproved portion from 31st to 34th Sts. and const. 4-in. asph. conc. pavement. 1911 Act and 1915 Bond Act. Protests July 12. Albert Givan, city eng.

SACRAMENTO, Cal.—Until July 5, 9 p. m., bids will be rec. by H. G. Denton, city clerk, to imp. following sta.:

Fremont Blvd., from pt. 182.4 ft. n. of intersection of Freeport Blvd. and W. P. r.r. track to Sutterville rd. and portion of 4th Ave.: Const. conc. curb and gutter; c. l. gutter drains with 6-in. vit. manhole connections; const. conc. manholes and reconst. existing ones; const. vit sewer; grade; pave with 5½-in. asph. conc. 1911 Act and Bond Act 1915.

36th St., bet. Folsom Blvd. and Crescent Park; const. conc. curb and gutter; c. l. gutter drains with 6-in. vit. manhole connections; conc. manholes; 8-in. vit. sewer; conc. protective pipe covering; install 1-in. water main connections; grade; pave with 4-in. asph. conc. 1911 Act and Bond Act 1915.

I St., bet. 31st and 33rd; conc. curb & gutter; grade and pave with 4-in. aspb. conc. 1911 Act and 1915 Bond Act. Cert. check 10% payable to city of Sacramento req. Albert Givan, city eng.

LOS ANGELES, Cal.—John P. Oswald 58th and Towne Ave., submitted low bid to Bd. Pub. Wks. to imp. Diaz Ave., bet. Rita St. and Ventura Blvd., involv. grading at $6500 (lump sum); 194,772 sq. ft. Topeka paving 19c ft; 290 sq. ft. finish grade, oil and roll, 9c ft.; storm drain complete, $800.

C. W. Shafer, 222 W 33rd St., low bidder to imp. alleys in block south of 9th St. and west of Blaine St., involv. grading at $660 (lump sum); 17,214 sq. ft. conc. paving 24c ft.

SACRAMENTO, Cal.—Until July 5, 9:15 p. m., bids will be rec. by H. G. Denton, city clerk, to sewer S St., bet. 55th St. and Monte Vista involv. 490 lin. ft. 30-in. and 739 lin. ft. 27-in. Monolithic concrete sewer; 5 conc. manholes, storm drains. Cert. check 10% payable to City Controller req. with each bid. Albert Givan, city eng. **See call for bids under official proposal section in this issue.**

SANTA ANA, Cal.—Until 7:30 p. m., July 2, bids will be rec. by council to imp. East Myrtle St., bet. Main St. and P. E. right of way and in certain other portions, also parts of other streets, involv. 79,795 sq. ft. grade and pave with 5-in. conc. paving; 1408 ft. conc. curb; 1502 ft. 6-in. main sewers; 969 ft. 4-in. hse. sewers; 4 manholes, one flushtank, 2593 sq. ft. walk; 1915 Bond Imp. Act. E. L. Vegely, city clerk. W. G. Knox, city engr.

SAN FRANCISCO — Bd. Pub. Wks. completes spec. to sewer Montcalm St. bet. Franconia and Peralta Aves., involving 400 lin. ft. 8-in. and 110 lin. ft. 12-in. ironstone pipe sewer; 24 8-in. and 8 12-in. wye branches; 2 br. manholes; 2 lampholes. Est. cost $1900. M. M. O'Shaughnessy, city eng.

SAN PABLO, Contra Costa Co., Cal.—L. L. Page, 728 Bissel Ave., Richmond, awarded cont. by San Pablo District to sewer portions of 23rd St., Wilcox Ave., Alfreda Blvd, ets., involv. 6-in. vit. pipe, $.99 lin. ft.; manholes, $85 ea; lampholes, $12 ea.; 4-in. wyes $1.20 ea.

OAKLAND, Cal. — Council, E. K. Sturgis, clerk, declares inten. to imp. 9th St., bet. Alice and Fallon Sts.: grade; const. conc. curb; asph. conc. pavement; reset granite curbs to grade. 1911 Act. Protests July 19. W. W. Harmon, city eng.

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DUNSMUIR, Siskiyou Co., Cal.—Town trustees planning to pave Sacramento St., and cross streets leading to highway. Lion's Club has appointed committee to further work.

OAKLAND, Cal.—Council, E. K. Sturgis, clerk, declares inten. to const. 12, 14, 18 and 21-in. vit. sewers and 30-in. conc. sewers in Jackson St., bet. 1st and 10th Sts.; deepen 4 existing manholes; const. 2 br. manholes and 5 br. and conc. manholes with c. i. tops; construct 12 br. catchbasins; 10-in. vit. pipe conduits; 2 8-in. vit. pipe drop connections; 5-in. vit. wye branches; and drop slants; remove existing sewer and four existing manholes. 1911 Act. Protests July 12. W. W. Harmon, city engineer.

POMONA, Cal.—Thomas T. Crawford, Pomona, awarded cont. by city trustees at 13.55c sq. ft. to pave Phillips Blvd., bet. Garey and Towne Aves., with crushed rock and oil, 24 ft. wide, and 5-in. thic.

SANTA BARBARA, Cal.—An election will be held July 24 in the Santa Ynez Permanent Road Division to vote bonds of $305,392 to pave 25 miles roadway. Owen H. O'Neil, county surveyor.

PHOENIX, Ariz.—Until 2 p. m., July 9, bids will be rec. by F. R. Goodman, state engr., to const. Phoenix-Wickenburg highway, federal aid project No. 70, involving 5000 cu. yds. excav; 25,000 cu. yds. borrow, 41,000 sq. yds. paving; 350 cu. yds. structural conc.; and other incidental items.

EUREKA, Humboldt Co., Cal.—Until July 10, 2 p. m., bids will be rec. by Fred M. Kay, county clerk, to grade one mile of road on Kendall Gulch, near Hadley Ranch, Upper Mattole, in Rd. Dist. 1. Cert. check 5% req. with each bid. A. J. Logan, county surv.

CARMEL, Monterey Co., Cal. — City trustees are planning immediate paving of Dolores St., bet. Ocean and Seventh Avenue.

FRESNO, Fresno Co., Cal.—County supervisors contemplate levying direct tax of $.41 to finance completion of county highway system, the approximate cost of which is $668,000. The board has tentatively decided to build the balance of the highways not completed under the 1919 bond issue and the special highway fund of last year, but the definite decision is yet to be made. Chris. P. Jensen, Cory Bldg., Fresno, is county surv.

BERKELEY, Alameda Co., Cal. — Council, E. M. Hann, clerk, declares inten. to set back curb line 13-ft. in n. line of Center St., bet. Grove and Shattuck Ave; const. comb. armored conc. curb and gutter; pave space bet. old pave and new gutter with asph. conc. and surface of n. 10-ft. of old pavement to be heated and raised to conform to new pavement; const. conc. catchbasins with 12-ft. vit. sewer connections. 1911 Act. Protests July 10. C. L. Huggins, city eng.

SEBASTOPOL, Sonoma Co., Cal. — Until July 7, 1 p. m., bids will be rec. by T. R. Klinker, clerk, Sebastopol Union Grammar School District, to pave 4125 ft of basement of school with macadam. Cert. check 10% payable to clerk req. Spec. obtainable from clerk.

CALIFORNIA — Of the $5,000,000 block of state highway bonds, a $1,000,000 block was recently sold to the Anglo London Paris Natl. Bank of San Francisco.

WILLIAMS, Colusa Co., Cal.—Election to vote bonds of $45,000 for sewer improvements failed to carry.

SANTA ANA, Cal.—T. W. Oglesby, Santa Ana, awarded contr. by city trustees to imp. Buffalo Ave., bet. W main St. and Broadway, involv. 18,464 sq. ft. grade and pave with 6-in. conc. and belt finish surface at 24c ft.; 108 ft. trenching and lay 4-in. hse. sewers at 45c ft.

RENO, Nevada—City council passes ordinance providing bond election to vote $35,063 to finance paving, sidewalk, gutter and curb improvements during year 1923. Harry Chism, city engineer.

SOUTH PASADENA, Cal.—Until 5 p. m., July 9, bids will be rec. by city clk. to imp. Bank St., involv. approx. 50,000 sq. ft. 3-in. oiled macad. and 13,000 sq. ft. 1-in. rock and oil surface; 1911 Act. Nettie A. Hewitt, clk.

BERKELEY, Alameda Co., Cal. — Oakland Paving Co., 5000 Broadway, Oakland, at approx $26,000 awarded cont. by council to imp. portions of Hearst Ave., etc., by regrading; const. comb. conc. curbs and gutters; pave with 5-in. hyd. conc. base with 2-in. asph. surface; conc. catchbasins; 12-in. vit. sewer and corru. iron culverts.

SAUSALITO, Marin Co., Cal.—MacDonald Improvement Co., 567 Pacific Bldg., San Francisco, at $99,945 awarded cont. by city trustees to imp. sts. under res. of inten. No. A-424, involv. (a) 15,000 cu. yds. excav. without classification, $.60; (b) 1625 cu. yds. Port. cem. conc. (pavement), $18; (c) 104,500 sq. ft. bit. macadam, type B, pavement, $.17; (d) 28,500 sq. ft. bit. macadam, type A, pavement, $.11; (e) 561 cu. yds. rein. conc. (walls and structures) $30; (f) 150 cu. yds. grouted rubble masonry retaining walls, $25; (g) 100 cu. yds. reconst. and grout. rubble masonry retaining walls, $20; (h) 11,900 lin. ft. grouted rubble rock gutter and curb, $1; (i) 2500 lin. ft. rubble rock gutter to be reconst. and grouted, $.80; (j) 200 lin. ft. 12-in. corru. iron pipe culverts, $4; (k) 16 conc. and brick catchbasins with c. i. gratings, $90; (l) 150 lin. ft. Port. cem. conc. curb, $.50; (m) 1500 lin. ft. 8-in. vit. clay pipe sewer, $1; (n) 2 conc. drop inlets, $50 each. Other bids were:

General Const. Co., San Francisco, (a) $1.55; (b) 22; (c) $.23½; (d) $.19½; (e) $35; (f) $11.50; (g) $8; (h) $1.95; (i) $1; (j) $2.50; (k) $80; (l) $1.40; (m) $2.85; (n) $25. Total $142,654.

Downer & Mero, Richmond, (a) $1.50 (b) $18; (c) $.15; (d) $.12; (e) $22; (f) $22; (g) $14; (h) $.85; (i) $.75; (j) $3.50 (k) $50; (l) $.50; (m) $1; (n) $25. Total $103,352.

A. J. Grier, Santa Rosa, (a) $1.60; (b) $17; (c) $.20; (d) $.15; (e) $40; (f) $13; (g) $10; (h) $1.30; (i) $.75; (j) $3; (k) $150; (l) $.70; (m) $.80; (n) $50. Total $124,240.

Galbraith and Janes, Napa, (a) $1.50; (b) $16; (c) $.13; (d) $.09; (e) $40; (f) $15; (g) $12.50; (h) $1; (i) $.75; (j) $4; (k) $60; (l) $1; (m) $2; (n) $60. Total $109,795.

REEDLEY, Fresno Co., Cal.—Redman and Moran, Fresno, at $1.34 cu. yds. awarded cont. by city trustees to grade Riverview Ave., the bid including lowering of existing water main with service connections.

VENICE, Cal.—Until 8:30 p. m., July 2, bids will be rec. by city trustees for imp. Millwood Ct., bet. Oakwood and Shell Aves., and portions of Oakwood and other sts.: grade and pave with 4-in. conc.; bringing manholes to grade; 1911 Act. J. B. Griffin, city engr. T. H. Hanna, city clerk.

FRESNO, Fresno Co., Cal.—Residents in Arlington Heights petition city council to construct sidewalks in 72 blocks in that section. Wm. Stranahan, city engineer.

RICHMOND, Contra Costa Co., Cal.—Council, A. C. Faris, Clerk, declares inten. to imp. Stege Ave. and 34th St., bet. South St. and Cutting Blvd.; 35th, 36th, 37th and 38th Sts., bet. Wall and Cutting Blvd.: Grade; pave with Richmond Stand. macadam; cem. conc. curbs with gal. steel curb bars; conc. gutters, walks, open drains, wingwalls; corru. iron or steel and cem. conc. culverts. 1911 Act. Protests July 9. H. D. Chapman, City Eng.

KINGMAN, Ariz.—Until 2 p. m., July 2, bids will be rec. by supervisors for corru. metal culvert pipe to be made from corru. galv. sheets of Armco Iron, or its equal. Spec. from clerk of the board, John R. Hemphill.

GLOBE, Ariz. — County supervisors agree with dist. engr. C. E. Long (forest service) to const. 17 mi. of road from McFadden Hill to Young, 70 mi. north of Globe. The road authorized by the supervisors will cost $122,765, of which the county will pay $45,765, and the forest service the remainder.

EUREKA, Humboldt Co., Cal.—Until July 10, 2 p. m., bids will be rec. by Fred M. Kay, county clerk, to grade and surface 3450 ft. of county road beginning at east city limits of Eureka and extending towards Arcata, in Rd. Dist. 4. Plans on file in office of clerk. Cert. check 5% req. with bid. A. J. Logan, county surv.

INGLEWOOD, Cal.—W. H. Goff, 745 Lyon St., Los Angeles, awarded contr. by city trustees to imp. Stepney St. at $16,708.66 and for imp. Damask Ave. at $5649. Unit bids follow:

Stephney St., 97,173 lin ft. grading at $1.96 ft; 74,323 sq. ft. paving at 15.5c ft.; 4900 sq. ft. walk at 21c ft; 1142 ft. curb at 62c ft. Damask Ave., grading at $2.40 lin. ft.; 1006 ft. curb at 62c ft; 4073 sq. ft. walk at 21c ft.; 18,950 sq. ft. 5-in. macad. at 15.5c ft.

OAKLAND, Cal.—Council, E. K. Sturgis, clerk, declares inten. to sewer Foothill Blvd. from 73rd Ave. southeasterly involv. 8-in. vit. sewer; 3 br. manholes with vit. top.; 5-in. vit. wye branches; 1911 Act. Protests July 19. W. W. Harmon, city eng.

SAN FRANCISCO—Until July 11, 3 p. m., bids will be rec. by Bd. Pub. Wks to imp. DeHaro St., bet. 19th and 20th Sts., involv 909 lin. ft. conc. curb; 16,000 sq. ft. conc. pavement; 4440 sq. ft. asph. conc. pavement; 8002 sq. ft. art. stone walks and 3 br. catchbasins. Plans obtainable from city engineer's office, 3rd floor, city hall.

SACRAMENTO, Cal.—County Clerk Harry H. Hall instructed to advertise for bids to pave 2-mi. Riverside road with asph. conc. beginning at the end of the present conc. pavement near Oak Hall southerly; est. cost $10,000.

RIVERSIDE, Cal.—Until 10 a. m. July 16, new bids will be rec. by supervisors to const. 4190 lin. ft. storm drain at Prado, involv. 4644 cu. yds. excav; 615 cu. yds. class B cem. conc. A. C. Fulmor county surv. Bids received June 25 were: G. M. Pearson, $14,738; H. H. Teget, $14,765; G. H. Bent, $15,072.

SAN FRANCISCO—City Eng. M. M. O'Shaughnessy announces the completion of plans to extend Ord street, at a cost of $330,000. Bids will be asked in the immediate future.

NAPA, Napa Co Cal.—Council H. H. Thompson, Clerk, declares inten. to const. 6-in. vit. sewer with 4-in. wye branches and flushing hole in Juarez St., bet. 3rd St. and pt. 250 ft. south. 1911 Act. Protests July 16. H. H. Harrold, City Eng.

UKIAH, Mendocino Co., Cal.—Until July 10, 10 A. M., bids will be rec. by W. H. Prather, County Clerk, to const. Sec. 3 of Legett-Valley-Rockport road, extending from west end of bridge over Eel river, westerly, approx. 1.75 mi. involv. excavation, borrow and lumber for culverts. Cert. check 10% req. Plans on file in office of clerk.

OAKLAND, Cal.—City Eng. W. W. Harmon completes spec. to pave Sixth St., bet. Jefferson and West; 8th bet. Market and Peralta and Twelfth bet. Market and Kirkham Sts.

INGLEWOOD, Cal.—J. Paul Benson, Box 83, San Lucas, awarded contr. by city trustees at $14,702 to imp. Tamarack Ave., involv. 95,372 sq. ft. grading; 53,144 sq. ft. 5-in. oil macad. paving; 10,111 sq. ft. walk; 2269 ft. curb. W. H. Goff bid $15,172.36; D. C. Nichols, $16,179.88.

Braun, Bryant & Austin, 1680 4th St., Santa Monica, submitted low bid at $17,750.55 to imp. Glenway Dr., involving 61,563 sq. ft. grading; 4119 ft redwood headers; 45,089 sq. ft. 4-in. Willite pavement and 2 corr. met. pipe culverts. H. G. Ferand bid $19,110.37.

SEATTLE, Wash.—Fiorito Bros., 3950 6th N.W., Seattle, submits low bid to Bd. Pub. Wks. to pave Greenwood Ave. J. L. Smith next low at $127,952.

SAN MATEO, San Mateo Co., Cal.—City trustees reject bids to imp. portions of 1st, 2nd, 3rd and 4th Aves., E, F, G, H, and I Sts., etc.: Grade; pave with 1½-in. asph. conc. surface on 4½-in. hyd. conc. base; driveway approaches paved with 5-in. hyd. conc.; const. hyd. conc. curbs; art. stone walks; 6-in. vit. sewers with 4-in. vit. lateral sewers; br. manholes with c. i. covers; hyd. conc. catchbasins. Plans will be revised, providing for a concrete pavement Low bid, under previous call, was submitted by Clark and Henery Const. Co., 38 S Sutter St., Stockton, at $112,-711. G. Stanley Whitehead, city eng.

OAKLAND, Cal.—Council, E. K. Sturgis, Clerk, declares inten. to imp. Georgian St., bet. Peralta and Maple and certain rights of way adjacent to Georgia St.: Grade, const. conc. curb and gutter; cem. walks; oil macadam pavement; const. 2 conc. culverts, 2 ft. 6 in. hight by 2 ft. 6 in. wide; 4 conc. inlets with c. i. tops; 2 conc. curtain walls and 2 conc. end walls. 1911 Act. Protests July 12. W. W. Harmon, City Eng.

LOS ANGELES, Cal.—Geo. B. Curtis, 2440 E 26th St., awarded cont. by Br. Pub. Wks. at $32,975.04 for imp. Wilton Pl., bet. Santa Monica Blvd. and Clinton St., involv. grading at $4800 (lump sum); 104,481 sq. ft. asph. paving 24c ft; 1594 sq. ft. oil and roll 8c ft.; 516 ft. curb 75c ft.; 2350 sq. ft. walk 25c ft.; 5952 sq. ft. conc. gutter 29c ft.; 210 ft. hse. sewers $1.75. Other bids were: Geo. H. Oswald, $33,323.86. Griffith Co., $33,479.56.

Geo. R. Curtis awarded cont. at $13,-829.65 for imp. Bridgewood Pl., betw. Santa Monica Blvd. and Lemon Gr. Ave., involv. grading at $1700 (lump sum); 35,390 sq. ft. Warrenite-bitul. paving 26c ft.; 2533 ft. curb 75c ft.; 1072 sq. ft. walk 25c ft.; 2535 sq. ft. gutter 30c ft. Other bids were: Warren Constr. Co., $13,922.79; Geo. H. Oswald, $14,083.55.

HOLLISTER, San Benito Co., Cal.—Until July 9, bids will be rec. by Howard O'Brien, town clerk, for the purchase of the $48,000 bond issue to finance sewer improvements.

OAKLAND, Cal.—Council, E. K. Sturgis, clerk, declares inten. to imp. 77th ave., bet. E-14th St. and Fitchburg Addition: Grade; const. conc. curbs and gutters; oil macadam pavement; 2 storm water inlets; 10-in. vit. pipe conduits. 1911 Act. Protests July 12.

GLENDALE, Cal.—W. J. Curren, 379 W Patterson, Glendale, submitted low bid to council at $16,629.87 for imp. Wing St., involv. 1755 lin. ft. grading 60c ft; 3965 ft. curb 50c ft.; 74,082 sq. ft. 3-in. macac. 9.5c ft.; 19,753 sq. ft walk, 16c ft.; 2015 ft. 4-in. pipe (laying only) at $3270 complete.

Peter L. Perry, 614 E Acacia Ave., Glendale, low bidder at $15,087.68 for imp. Highland Ave., involv. 1792 lin. ft. grading $1.40 ft.; 3627 ft. curb 50c ft.; 58,216 sq. ft. 5-in. macad. 13c ft.; 7486 sq. ft. gutter 20c ft.; 1054 ft. 4-in. water pipe (laying only) $1700 complete.

Peter L. Ferry low bidder at $6344.73 for improving Mariposa Ave. and other streets, involv. 789 ft. grading 60c ft.; 1548 ft. curb 50c ft.; 29,056 sq. ft. 5-in. macad. 13c ft.; 7812 sq. ft. walk 17c ft.

Peter L. Ferry low bidder at $2614.44 for imp. Granada St., involv. 521 lin. ft. grading 40c ft.; 470 ft. curb 50c ft.; 16,025 sq. ft. 3-in. macad. 10c ft.; 3610 sq. ft. oiling roadway 5c ft.; 043 sq. ft. walk 18c ft.; 348 ft. 6-in. water pipe (laying only) $800 complete.

LOS ANGELES, Cal.—Until 10 a. m., July 30, bids will be rec. by Bd. Pub. Wks. to const. the Ocean end of the new outfall sewer, about 1 mi., involv. 429 12-ft. lengths of 7-ft. dia. and 46 12-ft. lengths of 5-ft. dia. pipe and special fixtures. Bids for pipe for this section will be opened July 2. Alternate bids will be taken on cast iron water pipe and submarine reinf. conc. pipe.

NEWPORT BEACH, Cal.—Cal. Const. Co., 58 2nd St., San Francisco, only bidder, awarded contr. by city trustees to imp. portions of Coast Blvd. Pl., Coast Blvd., and 29th St., 36th St., and Finley Ave., involv. 49,738.54 sq. ft. 5-in. conc. paving 29c ft.; 1705.4 ft. 6x10x15-in. curb 72c ft.; 133.31 ft. 6x14-in x4 ft. curb $4 ft.; 6390.17 sq. ft. walk 22c ft.; 51 ft. 6-in. cem. hse. sewers $1.50 ft.; 8308 sq. ft. clay and gravel surfacing facing 9c ft.8c ft. Paul E. Kressly, 732 H. W. Hellman Bldg., L. A., eng.

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SANTA CRUZ, Santa Cruz Co., Cal.—Until July 3, 9 A. M., bids will be rec. by A. S. Evans, City Clerk, to const. 6-in. vit. sewer with 36 4-in. wyes and 3 br. manholes in portions of Alta Ave. 1911 Act. Cert. check 10% payable to city req. James K. James, City Eng.

LOS ANGELES, Cal.—Until 10 a. m., July 2, bids will be rec. by Bd. Pub. Wks. to imp. Hill St., bet. Washington St. and Santa Barbara Ave., etc., involv 589,337 sq. ft. 8-in. conc. paving; 1946 sq. ft. asph. paving; 1950 sq. ft. bitum. base paving; 13,894 ft. curb; 184,810 sq. ft. walk; 126 sq. ft. gutter; 4672 ft. hse. sewers; 11,832 ft. lighting conduit; 8190 sq. ft. asph. remodeling; 11,880 sq. ft. oil and roll; san. sewer; reinf. conc. culvert; Vrooman Act.

LOS ANGELES, Cal.—Until 11 a. m., July 23, bids will be rec. by supervisors to imp. Lewis Ave., bet. 17th St. and State St., under County Imp. No. 22; grade and pave with 2-in. Willite on 3-in. asph. conc. base; const. cem. conc. curb; 5-ft. walks; conc. gutters.

FRESNO, Fresno Co., Cal.—Frederickson & Shannon, Cory Bldg., Fresno, awarded cont. by council to sewer sta. in Dean Addition, Dean Park and Homewood: 9134 ft. 6-in. vit. clay pipe sewer, $.68 lin. ft.; 146 ft. 8-in. $.98 lin. ft.; 146 ft. 12-in. sewer, $1.25 lin. ft.; 20 manholes, $63.50 each.

STOCKTON, San Joaquin Co., Cal.—Council, A. L. Banks, declares intention to imp. portions of Acacia, Yale, Columbia, Poplar and Pershing Aves., and portion of Flora St., by grade; const. comb. conc. curb and gutter; conc. walks; pave with 3-in. crushed rock base on 2-in. asph. conc. surface; portions of Picardy St., by const. conc. sidewalks. 1911 Act and Bond Act 1915. Protests July 10. W. B. Hogan, city engineer.

PORTERVILLE, Tulare Co., Cal.—City Eng. Fred Pease instructed to prepare plans to pave approx. 2 mi. of streets with 5-in. concrete. Streets to be imp. include: Henrahan, from Putnam to Morton; Fourth, Oak to Morton; Third, Oak to Liberty; Second, Oak to Garden; Garden, Second to Main; Cleveland, Second to Fourth; Thurman, Second to Fourth; Harrison, Railroad to Murry; Morton, Second to Roche; Thurman, Henrahan to Roche; Second, Belleview to Liberty; D street south to Vine; Thurman street east to Main.

FRESNO, Fresno Co., Cal.—Council, R. Y. St. George, clerk, declare inten. to imp. Carmen Ave., bet. Lucerne, Lane and Moroa Ave.: grade; const. conc. curb and gutter; cem. walks; corru. metal culverts with culv. manholes; pave with 3½-in. asph. conc. base with 1½-in. Warrenite-Bit. surface; 4-in. vit. clay pipe sewer connections in portions of Carmen and Wishon Aves. Imp. Luvern Lane bet. Pine and McKinley Ave.; grade; const. conc. curb and gutter; cem. walks; corru. metal culverts with culv. manholes; pave with 3½-in. asph. conc. base with 1½-in. Warrenite-Bit. surface. 1911 Act. Protests July 12. Wm. Stranahan, city engineer.

SAN RAFAEL, Marin Co., Cal—Until July 3, 2 p. m., bids will be rec. by county supervisors to const. 5666 ft. fencing with three gates on State Highway bet. Alto and Belvedere in Rd. Dist 3. Plans on file in office of clerk.

BERKELEY, Alameda Co., Cal. — Council, E. M. Hann, clerk, declares inten. to const. 6-in. vit. sewer in Mathews St., from manhole in Blake St. north to pt. 210 ft. includ. 1 8-in. lamphole. 1911 Act. Protests July 10. C. L. Huggins, city eng.

STOCKTON, San Joaquin Co., Cal.—Council, A. L. Banks, declares intention to imp. portions of E-Main, E-Washington, E-Lafayette, E-Sonora and F Sts.; Grade; const. comb. conc. curb and gutter; conc walks; pave with 3-in. crushed rock base with 2-in. asph. conc surface. 1911 Act and Bond Act 1915. Protests July 9. W. B. Hogan, city engineer.

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SANTA BARBARA, Cal.—Council declares inten. to imp. Anacapa St., bet. Anapamu and Cota St.: conc. walks; comb. conc. curb and gutter; cem. conc. gutters; 1911 Act.

CALIFORNIA—As previously reported, bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, until July 9, 2 P. M., to surface with asphaltic seal coat 75. mi. in Placer County, bet Auburn and North Boundary. Project involv. 66,360 sq. yds. asphaltic setl coat.

Separate bids, same late, to grade and surface with gravel 0.2 mi. in Sonoma county, near Lytton, involv. 11,000 cu. yds. excavation without classification and 500 cu. yds. gravel surfacing.

R. M. Morton, State Highwty Eng

OAKLAND, Cal.—Oakland Paving Co. 5000 Broadway, Oakland, awarded cont. by council to imp. portions of Union St. grading, $.04; conc. curb, $.75; conc. gutter, $.25; asph. conc. pavement, $.23; cem. walks, $.18; manholes, $100; catchbasins, $75; 10-in. pipe conduit, $2.50.

Bates & Borland, Bank of Savings Bldg., Oakland, awarded cont. to imp. portions of Holway St.: Grade, $.04; conc. curb, $.75; conc. gutter, $.25; oil macadam pave, $.165; cem. walks, $.17.

SANTA CRUZ, Santa Cruz Co., Cal.—As previously reported, contract to imp. portions of Younglove Ave. awarded by council to Granite Construction Co., Watsonville at $10,677.10. Unit bid follow: 34,840 sq ft. 5-in. conc. pavement, $.235; 34,840 sq. ft. grading, $.03; 87 lin. ft. 21-in corru. metal pipe, $6; 42 lin. ft. 15-in. corru. metal pipe, $4.25; 48 lin. ft. corru. metal pipe, $3.50; 110 lin. ft. 10-in. corru. metal pipe, $3.10; comb. catchbasin and manhole, $160 ea.; conc. catchbasin, $75 ea.

SAN BERNARDINO, Cal.—Llenau & Levering, 120 Brookalde Ave., Redlands, awarded contr. by Supervisors at $13,100 (60 days time) for imp. San Antonio Ave., bet. Ely and Walnut Sts., near Ontario, by grading and paving, 24 ft. wide; constructing concr. curbs and earth berm or embankment on both sides of the roadway, under R. D. I. No 23. Work involves 2000 cu. yds. earth excav.; 5290 ft. 18-in. curb; 66,740 sq. ft. 4-in. concrete pavement of 1:2:4 mix. Other bids were: Fleming Constr. Co., $13,300, 100 days; J. F. Knapp, $13,000, 75 days; W. D. Bohan, $14,000, 180 days.

COMPTON, Cal.—Geo. H. Oswald, 366 E-58th St., Los Angeles, awarded contracts by City Trustees to imp.:

At $68,661—Acacia St., Olive, Raymond, Cocoa Sts., involv. 16,160 sq. ft. walks; 3440 ft. curb; 1570 ft. 8-in. vit. sewer; 890 ft. 6-in. hse. sewers; 3 flush tanks; 1 manhole; 261,500 sq. ft. 5-in. conc. paving; 350 ft. corru. iron culvert.

At 24,615—Myrrh St., Involv. 4950 sq. ft. walks; 990 ft. curb; 490 ft. 8-in. sewer; 400 ft. 6-in. sewer; 1 flush tank; 96,340 sq. ft. 5-in. conc. paving; 350 ft. corru. iron culvert.

E. B. Garretson, 3639 E. 2nd St., Long Beach, at $15,826 to imp Wilmington St., in volv. 71,700 sq. ft. grading and paving with 5-in. conc. at 21.75c sq. ft. 240 ft. 6-in. hse. sewers at $1.50 ft.

OAKLAND, Cal.—Until July 12, 12 m. bids will be rec. by E. K. Sturgis, city clerk, to imp. Brush St., bet. 1st and 2nd sts.; grade; conc. curbs and gutters; asph. macadam pavement; 2 br. catchbasins; 10-in. vit. pipe condults. 1911 Act. Cert. check 10& payable to city required.

LOS ANGELES, Cal.—Council declares inten. to const. 24-in. to 30-in. reinf. concr. pipe storm sewer, and 30-in. corru. iron pipe storm sewer in Ventura Blvd., bet. Sunrise and Pearce Places. Vrooman Act.

LOS BANOS, Merced Co., Cal.—Due to protests of 70 per cent of the property owners effected, the city trustees have abandoned, for at least for six months, the proposed paving of portions of M, L K, J, I, H, and other Sts. and alleys; grade; pave with 3-in. asph. conc. base with 1½-in. Warrenite Bit. surface; const. comb. conc. curbs and gutters; corru. metal culverts; conc. manholes with c. l. covers, etc. 1911 Act.

SALINAS, Monterey Co., Cal.—Council, M. R. Keef, clerk, declares intento imp. portions of John St.: grade; pave with 2-in. Warrenite-Bit. surface on 7-in. water bound base; const. hyd. conc. curbs and gutters; 2 hyd. cem. conc. catchbasins with 10-in. galv. corru. iron pipe culvert and placing 7-in. galv. corru. iron pipe culverts at sidewalk intersections. 1911 Act and Bond Act 1915. Protests July 9. Howard Cozzens, city eng.

SAN ANSELMO, Marin Co., Cal.—Until July 2, 8 p. m., bids will be rec. by Arthur Studley, town clerk, to imp. portions of Sequoia Dr.; const. conc. curb and gutter; rein. conc. retaining wall and iron pipe rail; conc. valleys and catchbasins with c. l. frames and gratings and vit. pipe outlets; conc. pipe culverts; grade and pave with asphaltic macadam of various thicknesses. 1915 Bond Act and 1911 Act.

SOUTH PASADENA, Cal.—Until 5 p. m., July 9, bids will be rec. by city trustees to imp. Bank St., bet. Diamond Ave. and S. P. Ry. Co.'s tracks, by grade and pave with 3-in. crushed rock and oil; const. gutters, curb, 6-in. vit. pipe hse. sewers; bringing 4 manholes tops to grade; 1911 Act. Nettie A. Hewitt, city clerk.

STOCKTON, San Joaquin Co., Cal. — Council, A. L. Banks, clerk, declares inten. to imp. portions of E-Main, A, C, D and E Sts.: Grade; const. comb. curb and gutter; conc. walks; pave with 3-in. crushed rock base with 2-in. asph. conc. surface; and portions of B St.; grade; const. comb. conc. curb and gutter; conc. walks; pave with 2½-in. crushed rock base and 2½-in. asph. conc. base with 2-in. asph. conc. surface. 1911 Act & Bond Act 1915. Protests July 9. W. B. Hogan, city eng.

SAN DIEGO, Cal.—Supervisors vote to ask bids to pave about 3 mi. of highway, bet. the end of the present paving at Lake Hodges and the southern limits of Escondido, and or another stretch bet. the towns of Vista and Buena. Bids will be received on Warrenite, Willite asphaltum and cem. conc. pavement. County engr. was also instructed to prepare plans and spec. for paving a strip of the inland highway bet. Fallbrook and the Riverside county line. Bids will be called on materials for this work in order to determine the relative costs. If found cheaper, the board will purchase the materials.

SALINAS, Monterey Co., Cal.—Until July 2, 7:30 p. m., bids will be rec. by M. R. Keef, city clerk, to imp. portions of Avenues A, B, and C; grade; pave with 6-in. waterbound macadam; const. hyd. conc curbs and gutters; const. part circle galv corru. iron and culvert drains with hyd. cem. conc. base. 1915 Bond Act and 1911 Act. Cert check 10% payable to city req. Howard Cozzins, city eng.

HANFORD, King Co., Cal.—City trustees, D. C. Williams, Clerk, declare inten to imp. portions of Kaweah and Ford Sts. Park and Central Ave., and portions of other Sts.: Grade; 4-in bituminous base with 1½ in. Warrenite-Bit surface pavement; cem. curbs and gutters, corru. iron and conc culverts, rein. conc. and iron catchbasins; 12-in full circle No. 14 gauge corru iron pipe storm sewers. 1911 Act and Bond Act 1915. Protests July 9. Ben Duffield, City Eng.

Gladding McBean Employees Hold Picnic

Employees of the Lincoln plant of the Gladding McBean Company of San Francisco celebrated Sunday, June 24th with a picnic at Auto Park Grove, in Lincoln, Placer County.

Agreeable weather coupled with various games of amusement tendered to make every minute of the day a most enjoyable one.

The picnic was opened with a base ball game between the Hale Bros. team of Sacramento and a fast going nine from Willows. Nine innings of excellent ball was played which resulted in a victory for the Sacramento visitors.

Immediately following the luncheon period employees of the Gladding McBean plant entered contests in the manufacture of products of the company, one of which was a pressing contest, won by Louis Oleri. The second prize was awarded to George Webster and the third to C. Coon. The moulding contest was won by George Bartley with Chas. Carrick following a close second.

Following these the feature of the day was put on—a greased pig contest. Many took part in this affair but due to the laughing abilities of the judges, they were unable to award prizes with any accuracy. The greased pole contest was cause for considerable amusement. This feature was enjoyed more especially by the kiddies.

The day, however, was not without its catastrophe. While the contests were being put on the party was forced to assist the Lincoln Fire Department to extinguish a grass fire, which, if allowed to proceed, would have proved disastrous to the picnic grounds and adjoining structures.

The remainder of the day was spent in dancing to the accompaniment of music furnished by the Sacramento Hotel Orchestra. In addition to this various amusement were provided for the kiddies including a flying machine, merry-go-round and games.

Credit for the success of the affair is due to the various committees in charge of P. O. Hognelll and Mr. James Ryan, who handled the moulding and pressing contests.

Contractors Machine Works

We Specialize in rebuilding and repairing contractors' equipment.
We build rock bunkers, elevators and conveyors, portable pumping plants, hoist and rock crushers.
Let us give you an estimate on your work.
We buy and sell used equipment.

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38 Stanford San Francisco. Phone Kearny 1885

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

$1,000 and Over Reported

The following is an index for the contracts for this issue.

No.	Owner	Contractor	Amt.
2493	Hjul	Owner	18000
2494	Hilingbery	McKellar	7000
2495	Risso	Owned	1800
2496	Cohn	Nelsh	2000
2497	Simonds	Simonds	4850
2498	Murphy	Owner	3200
2499	Hall	Owner	12000
2500	Union Trust	Matthies	6495
2501	Union Trust	Wagner	2480
2502	Roman	Otis	4000
2503	Roman	Lynch	49000
2504	Bertram	Meyer	4945
2505	Bertram	Meyer	9670
2506	Union	Zellensky	219
2507	Larsen	Owner	9000
2508	Ferreiros	New Era	6000
2509	Dankwerth	Owner	3000
2510	Anderson	Owner	3000
2511	Goeppner	Tapio	5000
2512	Leabody	Greater City	2200
2513	National	Owner	8000
2514	Herbst	Larsen	43000
2515	Mason	Owner	1500
2516	Raetz	Meyer	4000
2517	Geary	Meyer	4000
2518	Geary	Meyer	40,000
2519	Arkwright	Meyer	4000
2520	Todd	Meyer	12000
2521	Todd	Meyer	12000
2522	Todd	Meyer	16000
2523	Matraia	Del Favero	15150
2524	Furey	Montgomery	18340
2525	S. F. Society	Henderson	
2526	Price	Moller	7603
2527	Weissbein	Meyer	20000
2528	Garin	Owner	15600
2529	French	Larsen	70000
2530	Redding	Coburn	4500
2531	Edwards	Owner	5000
2532	Draffin	Meyer	4948
2533	Nichols	Meyer	4948
2534	Patter	Meyer	4948
2535	Meyer	Meyer	4948
2536	Draffin	Meyer	4948
2537	Hammill	Meyer	4948
2538	Steiger	Meyer	4948
2539	Steiger	Meyer	4948
2540	Hanson	Meyer	4948
2541	Nichols	Meyer	4948
2542	Nichols	Meyer	4948
2543	Schnier	Owner	15000
2544	Blake	Owner	3000
2545	Markets	Morton	2223
2546	Tjogas	Owner	4000
2547	Maschio	Morrison	4000
2548	Plant	Fink	3970
2549	Grady	Brown	3000
2550	Hincks	Storheim	6000
2551	Crocker	Lindgren	135000
2552	Nelson	Owner	4000
2553	Bradley	Fennell	107189
2554	Zellerbach	Conlon	23257
2555	Same	California	1540
2556	Same	Baldocci	2775
2557	Same	MacGruer	3650
2558	Same	Hall	773
2559	Same	Foster	3089
2560	Prior	Barrett	3972
2561	Plant	Fink	14263
2562	Mills	Owner	4700
2563	Sacred Heart	Conlin	2000
2564	Gnecco	Owner	60000
2565	Olcovich	Owner	1900
2566	Ruef	Owner	4000
2467	Arnott	Arnott	11400
2568	Minonea	Glaser	1600
2569	Soule	Owner	60000
2570	Bowen	Harder	11600
2571	Wurlitzer	Greene	9900
2572	Stone	Gompertz	8800
2573	Gilbert	Owner	1000
2574	Hamill	Owner	4000
2575	Raskin	Owner	7000
2576	Baker	Fink	1900
2577	Herschfeld	Roskamp	3000
2578	Garcia	Owner	4500
2579	Verbin	Owner	1000
2580	Peters	Owner	6000
2581	Davis	Owner	4000
2582	Cohn	Owner	20000
2583	Judell	Owner	12000
2584	Gillig	Schultz	9000
2585	P G & E	Owner	26000
2586	Robb	Myer	9600

BUILDING
(2493) SW TWELFTH 112-6 SE Howard. Two-story concrete building.
Owner—J. H. Hjul, 1342 Mission St., San Francisco.
Engineer—J. H. Hjul, 1342 Mission St., San Francisco.
Contractor — J. H. Hjul, 1342 Mission St., San Francisco. $18,000

DWELLINGS
(2494) W THIRTY-SIXTH AVE 275 & 300 N Fulton. Two one-story and basement frame dwellings.
Owner—W. O. Hilingbery, 27th Ave and Irving St., San Francisco.
Architect—None.
Contractor—McKellar & Son, 1920 Post St., San Francisco. $3500 ea.

ADDITION
(2495) NO. 147 MADRID. Addition of two rooms; cement plaster front of dwelling.
Owner—L. Risso, 1470 Madrid St., San Francisco.
Architect—J. A. Porporato, 619 Washington St., San Francisco. $1800

ALTERATIONS
(2496) S GAVIN 75 W San Bruno. Remodel and complete frame residence.
Owner—Mrs. Ida Cohn, 2300 San Bruno Ave., San Francisco.
Architect—None.
Contractor—James G. Neish, 627 Sunnydale Ave., San Francisco. $2000

DWELLING
(2497) W FORTY-FIRST AVE 200 S Balboa. One-story and basement frame dwelling.
Owner—N. S. Simonds, 251 27th Ave., San Francisco.
Architect—Edward E. Young, 2002 California St., San Francisco.
Contractor—Simonds & Simonds, 251 27th Ave., San Francisco. $4850

DWELLING
(2498) E CLAYTON 75 N Grove. Two-story and basement frame dwlg.
Owner — Edward Murphy, 2552 McAllister St., San Francisco.
Architect—Hugh Donigan, 68 Holbrook Place, San Francisco. $3200

DWELLINGS
(2499) W TWENTY-SECOND AVE 100 127, 154, 181 S Irving. Four one-story and basement frame dwlgs.
Owner—C. A. Hall, 1301 4th Ave., San Francisco.
Architect—None. $3000 each

FLAT BLDG.
(2500) NW SCOTT & UNION STS. Alterations to bldg., 4-story and basement flat bldg.
Owner—The Union Trust Co. and Chas. H. Lovell, trs. Est. Chas. G. Lathrop, dec'd. Grant Ave. and Market San Francisco.
Architect—Vernon W. Houghton, 275 Post St., San Francisco.
Contractor—Matthies & Gale, 185 Stevenson St., San Francisco.

STOCKHOLDERS AUXILIARY CORP.

INSURANCE { FIRE
SURETY BONDS
CASUALTY

PHONE DOUGLAS 6000
550 MONTGOMERY ST.

Filed June 21, 1923. Dated June 13, 1923.
Every 15 days 75%
Usual 35 days 25%
TOTAL COST, $6495
Bond, $3247.50; Sureties, Jas. F. Fennell and D. J. Sullivan; Forfeit, none; Limit 60 days; Plans and specifications, none.

(2501) PAPERING AND INTERIOR painting on above.
Contractor—Fred Wagner 313 Scott St., San Francisco.
Filed June 21, 1923. Dated June 13, 1923. Payments same as above.
TOTAL COST, $2480
Bond, $1240; Sureties, Adam Arras & John Casty; Forfeit, none; Limit, 30 days; Plans and specifications, none.

ELEVATOR
(2502) N FILBERT 137-6 E Powell. Electric passenger elevator for St. Peter and Paul's Church.
Owner — Roman Catholic Archbishop of S. F., 1100 Franklin St., S. F.
Architect—Chas. Fantoni.
Contractor—Otis Elevator Co., Beach and Stockton Sts., S. F.
Filed June 21, 1923. Dated May 22, 1923. 10th day each month 75%
Usual 35 days 25%
TOTAL COST, $4000
Bond, Sureties, Forfeit, Limit, none; Plans, none; Specifications filed.

ALTERATIONS
(2503) E NINTH AVE. 275 N Geary. Concrete work, structural Hollow Terra Cotta Tile, carpenter and mill work and terra cotta tile roofing for Star of the Sea High School.
Owner — The Roman Catholic Archbishop of S. F., 1100 Franklin St., San Francisco.
Architect—John O. Lofquist, 1399 Tamalpais Blvd., Berkeley.
Contractor—Andrew Lynch, 180 Jessie St., San Francisco.
Filed June 21, 1923. Dated June 21, 1923. 1st of each month 75%
Usual 35 days 25%
TOTAL COST, $49,000
Bond, $24,500; Sureties, Thos. Carroll & D. C. McCabe; Forfeit, none; Limit, with all dispatch; Plans and specifications filed.

COTTAGE
(2504) W THIRTY-FOURTH AVE 300 S Geary S 25xW 120. All work for one 6-room cottage.
Owner—George A. Bertram, 2831 Mission St., San Francisco.
Architect—None.
Contractor—Meyer Bros., 5326 Geary St., San Francisco.
Filed June 21, '23. Dated June 20, '23.
Frame up $1236.25
Brown coated 236.25
Completed and accepted..... 1236.25
Usual 35 days..... 1236.25
TOTAL COST, $4945.00
Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

COTTAGES
(2505) E THIRTY-THIRD AVE 125 N Geary N 50xE 120. All work for two 6-room cottages.
Owner—George A. Bertram, 2831 Mission St., San Francisco.
Architect—None.
Contractor—Meyer Bros., 5326 Geary St., San Francisco.
Filed June 21, '23. Dated June 20, '23.
Frames up $2417.50
Brown coated 2417.50
Completed and accepted..... 2417.50
Usual 35 days..... 2417.50
TOTAL COST, 9670.00
Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

FLAT BLDG.
(2506) NW SCOTT & UNION. Installing of light circuits, outlets and switches and time clock for 4-story and basement frame flat bldg.
Owner—Union Trust Co. and Chas. H. Lovell as tra. for Chas. G. Lathrop dec'd, Grant Ave. and Market St., San Francisco.
Architect—Vernon W. Houghton, 275 Post St., San Francisco.
Contractor—B. L. Zeliensky, 153 Eddy St., San Francisco.
Filed June 21, 1923. Dated June 13, 1923. Completed and accepted 75%
Usual 35 days 25%
TOTAL COST, $219.50
Bond, $119; Sureties, W. T. Lacey and Louis Rock; Forfeit, none; Limit, 30 days; Plans and specifications, none.

DWELLINGS
(2507) W JULES AVE 250, 275 and 300 N Holloway. Three one-story and basement frame dwellings.
Owner—S. Larsen, 146-A Highland Ave. San Francisco.
Architect—None. $3000 each

DWELLINGS
2508) N HOFFMAN 210 and 235 N Twenty-fifth. Two one and one-half-story and basement frame dwellings.
Owner—L. Ferreiros, 3289 Mission St., San Francisco.
Architect—None.
Contractor—New Era Bldg. Co., 3289 Mission St., S. F. $3000 each

DWELLING
(2509) N REVERE 225 E Keith. One-story and basement frame dwlg.
Owner — H. Dankwerth, 1462 Shafter Ave., San Francisco.
Architect—None. $3000

DWELLING
(2510) N REVERE AVE 137½ E Lane. One-story and basement frame dwelling.
Owner—E. Anderson, 1460 Shafter Ave., San Francisco.
Architect—None. $3000

DWELLING
(2511) NE LOWELL 63 SE Morse. One-story and basement frame dwelling.
Owner—Edward Goeppner, 683 Morse St., San Francisco.
Designer—Andrew Tapio, 153 Majestic Ave., San Francisco.
Contractor—Andrew Tapio, 153 Majestic Ave., San Francisco. $5000

DWELLING
(2512) NW BERTITA 107½ E Mohawk. One-story and basement framo dwelling.
Owner—W. Leabody, 184 Bertita St. San Francisco.
Architect—A. H. Ohlsen, 2466½ Pine St., San Francisco.
Contractor—Greater City Lumber Co., 3121 Mission St., S. F. $2200

FACTORY
(2513) W GUERRERO 126 N Sixteenth Two-story concrete factory.
Owner—National Ice Cream Co., 366 Guerrero St., San Francisco.
Engineer—A. J. Mazurette, 366 Guerrero St., San Francisco. $8000

WAREHOUSE
(2514) S MISSION 140.3 W Eleventh. Two-story brick warehouse.
Owner—Herbst Bros., 1943 Mission St., San Francisco.
Engineer—G. C. Brimble, 904 Claus Spreckels Bldg., San Francisco.
Contractor — Larsen-Siegrist Co., 904 Claus Spreckels Bldg., San Francisco. $43,000

ALTERATIONS.
(2515) 2556 POST ST. Construct rear steps, remodel for garages and make general repairs.
Owner—S. L. Mason, 2556 Post St., San Francisco. $1500
Architect—None.

DWELLING.
(2516) E. 34TH AVE., 250 N. Balboa. One-story and basement frame dwelling.
Owner—R. T. Raetz, 5326 Geary St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Meyer Bros., 5326 Geary St., San Francisco. $4000

DWELLING.
(2517) N. FULTON, 95 W. 41st Ave. One-story and basement frame dwelling.
Owner—Geary Realty Co., 5600 Geary St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Meyer Bros., 5326 Geary St., San Francisco. $4000

DWELLINGS.
(2518) W. 41ST AVE., 27.6, 51.3, 100, 125, 150, 175, 200, 225, 250 N. Fulton. Ten 1-story and basement frame dwellings.
Owner—Geary Realty Co., 5600 Geary St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Meyer Bros., 5326 Geary St., San Francisco. $4000 each

DWELLING.
(2519) E. 34TH AVE., 275 N. Balboa. One-story and basement frame dwelling.
Owner—I. Arkwright, 5326 Geary St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Meyer Bros., 5326 Geary St., San Francisco. $4000

DWELLINGS.
(2520) N. CABRILLO, 82.6, 107.6 and 132.6 E. 45th Ave. Three 1-story and basement frame dwellings.
Owner—C. F. Todd, 5811 Geary St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Meyer Bros., 5326 Geary St., San Francisco. $4000 each

DWELLINGS.
(2521) W. 44TH AVE., 25, 50, 75 N. Cabrillo. Three 1-story and basement frame dwellings.
Owner—C. F. Todd, 5811 Geary St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Meyer Bros., 5326 Geary St., San Francisco. $4000 each

DWELLINGS.
(2522) E. 45TH AVE., 25, 50, 75 and 100 N. Cabrillo. Four 1-story and basement frame dwellings.
Owner—C. F. Todd, 5811 Geary St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Meyer Bros., 5326 Geary St., San Francisco. $4000 each

BUILDING.
(2523) NW. MASON & DIKEMAN Place, W. 60 x N. 20. Two-story and basement reinforced concrete building.
Owner—Carlo Matrata, 747 New Call Bldg., San Francisco.
Architect—August G. Headman, 747 New Call Bldg., San Francisco.
Contractor—J. Del Favero & Co., 180 Jessie St., San Francisco.
Filed June 22, '23. Dated May 21, 1923.
Second floor joists in place....$2500
Roof on 2840
Completed and accepted 3182
Completed and accepted 3182
Usual 35 days after 3788
TOTAL COST $15,150
Bond, $7575; Sureties, A. Delmonte, Angelo Petri; Forfeit, none; Limit, 90 days. Plans and specifications filed.

BUILDING.
(2524) W BRODERICK 50 N Hayes, W. 112.6 x N. 30. Two-story frame building.
Owner—George and Elizabeth Furey, 310 California St., San Francisco.
Designer—F. W. Dakin, 310 California St., San Francisco.
Contractor—E. J. Montgomery, 1320 Broadway, San Francisco.
Filed June 22, '23. Dated June 11, '23
Second story joists in $3000
Roofing on 3000
Interior plastering done 3875
Completed 3880
Usual 35 days after 4585
TOTAL COST $18,340
Bond, none; Sureties, none; Forfeit, $10; Limit, 90 days. Plans and specifications filed.

ALTERATIONS & ADDITIONS.
(2525) NE. 16TH & ALABAMA. Alterations and additions to building.
Owner—San Francisco Society of Prevention of Cruelty to Animals.
Architect—None.
Contractor—W. D. Henderson, Monadnock Bldg., San Francisco.
Filed June 21, '23. Dated June 20, '23. Payment of 85% as work progresses. Balance usual 35 days after.
TOTAL COST $——
Contractor to receive cost plus 10%
Bond, none; Sureties, none; Forfeit, none; Limit, none. Plans and specifications, none.

CONCRETE BUILDING.
(2526) NW. 10TH AND NATOMA. All work except electric wiring for 2-story reinforced concrete bldg.
Owner—Merton J. Price, 630 20th Ave., San Francisco.

Architect—Dodge & Riedy, 850 Pacific Bldg., San Francisco.
Contractor—Fred Moller, 180 Jessie St., San Francisco.
Filed June 22, '23. Dater June 16, '23.
Excavation complete and footings poured $1000
Concr. poured to 2nd floor line 1603
Roofing on 1500
Completed and accepted 1600
Usual 35 days after 1900
TOTAL COST $7603
Bond, $3801.50; Sureties, J. A. Madieros, P. Montague; Forfeit, none; Limit, 40 days. Plans and specifications filed.

APARTMENTS
(2527) SW GEARY AND TENTH AVE. Three-story and basement frame (7) apartments and stores.
Owner—Jacob Weissbein, Hobart Bldg., San Francisco.
Architect, H. C. Baumann & Edw. Jose, 251 Kearny St., San Francisco.
Contractor—Meyer Bros., 5326 Geary St., San Francisco. $20,000

DWELLINGS
(2528) S FULTON 156-3 and 181-3 E Cole. Two one-story and basement frame dwellings.
Owner—E. A. Garin, 1982 Fulton St., San Francisco.
Architect—None. $7800 each

NURSES' HOME
(2529) NE ANZA AND SIXTH AVE. Four-story and basement brick and reinforced concrete nurses' home.
Owner—French Hospital.
Architect — Fabre & Hildebrand, 710 French Bank Bldg., S. F.
Contractor—H. H. Larsen Co., 517 Monadnock Bldg., S. F. $70,000

REPAIRS
(2530) NO. 285 SANTA ANA AVE. Repair fire damage to dwelling.
Owner—Margaret Redding, 1690 Washington St., San Francisco.
Architect—None.
Contractor—Chas. Coburn, 180 Jessie St., San Francisco. $1500

ADDITION
(2531) NO. 2550 WEBSTER. Addition of brick garage to residence and make minor alterations to main building.
Owner—James Edwards, 2550 Webster St., San Francisco.
Architect—M. V. Politeo, 1st National Bank Bldg., San Francisco. $5000

COTTAGE
(2532) W FORTY-FIRST AVE 125 N Fulton N 25xW 120. All work for one 6-room cottage.
Owner—Thos. J. Draffin.
Architect—None.
Contractor — Meyer Bros., 5326 Geary St., San Francisco.
Filed June 23, '23. Dated June 13, '23.
Frame up $1237
Brown coated 1237
Completed 1237
Usual 35 days..... 1237
TOTAL COST, $4948
Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

COTTAGE
(2533) W FORTY-FIRST AVE 225 N Fulton N 25xW 120. All work for one six-room cottage.
Owner—Jack B. Nichols.
Architect—None.
Contractor—Meyer Bros., 5326 Geary St., San Francisco
Filed June 23, '23. Dated June 13, '23.
Frame up $1237
Brown coated 1237
Completed 1237
Usual 35 days..... 1237
TOTAL COST, $4948
Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

COTTAGE
(2534) W FORTY-FIRST AVE 250 N Fulton N 25xW 120. All work for one 6-room cottage.
Owner—Norman Potter, 740 Ashbury St., San Francisco.
Architect—None.
Contractor—Meyer Bros., 5326 Geary St., San Francisco.
Filed June 23, '23. Dated June 13, '23.
Frame up $1237
Brown coated 1237
Completed 1237
Usual 35 days..... 1237
TOTAL COST, $4948
Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

COTTAGE
(2535) W FORTY-FIRST AVE 175 N Fulton N 25xW 120. All work for one 6-room cottage.
Owner—John E. Meyer.
Architect—None.
Contractor — Meyer Bros., 5326 Geary St., San Francisco
Filed June 23, '23. Dated June 13, '23.
Frame up $1237
Brown coated 1237
Completed 1237
Usual 35 days..... 1237
TOTAL COST, $4948
Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

COTTAGE
(2536) W FORTY-FIRST AVE 150 N Fulton N 25xW 120. All work for one 6-room cottage.
Owner—Thos. J. Draffin.
Architect—None.
Contractor — Meyer Bros., 5326 Geary St., San Francisco.
Filed June 23, '23. Dated June 13, '23.
Frame up $1237
Brown coated 1237
Completed 1237
Usual 35 days..... 1237
TOTAL COST, $4948
Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

COTTAGE
(2537) W FORTY-FIRST AVE 200 N Fulton N 25xW 120. All work for one 6-room cottage.
Owner—Emma J. Hammill, 4150 Fulton St., San Francisco.
Architect—None.
Contractor — Meyer Bros., 5326 Geary St., San Francisco.
Filed June 23, '23. Dated June 13, '23.
Frame up $1237
Brown coated 1237
Completed 1237
Usual 35 days..... 1237
TOTAL COST, $4948
Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

COTTAGE
(2538) W FORTY-FIRST AVE 75 N Fulton. All work for one 6-room cottage.
Owner—Geo. J. Steiger Jr., Monadnock Bldg., San Francisco.
Architect—None.
Contractor — Meyer Bros., 5326 Geary St., San Francisco.
Filed June 23, '23. Dated June 13, '23.
Frame up $1237
Brown coated 1237
Completed 1237
Usual 35 days..... 1237
TOTAL COST, $4948
Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

COTTAGE
(2539) W FORTY-FIRST AVE 100 N Fulton N 25xW 120. All work for one 6-room cottage.
Owner—Geo. J. Steiger Jr., Monadnock Bldg., San Francisco.
Architect—None.
Contractor — Meyer Bros., 5326 Geary St., San Francisco.
Filed June 23, '23. Dated June 13, '23.
Frame up $1237
Brown coated 1237
Completed 1237
Usual 35 days..... 1237
TOTAL COST, $4948
Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

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COTTAGE
(2540) W FORTY-FIRST AVE 51-3 N Fulton. N 23-9xW 95. All work for one 6-room cottage.
Owner—John E. Hanson, 5139 Geary St., San Francisco.
Architect—None.
Contractor—Meyer Bros., 5326 Geary St., San Francisco.
Filed June 23, '23. Dated June 13, '23.
Frame up $1237
Brown coated 1237
Completed 1237
Usual 35 days..... 1237
TOTAL COST, $4948
Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

COTTAGE
(2541) N FULTON 95 W Forty-first Ave W 25xN 100. All work for one 6-room cottage.
Owner—Jack B. Nichols, 4808 Geary St., San Francisco.
Architect—None.
Contractor — Meyer Bros., 5326 Geary St., San Francisco.
Filed June 23, '23. Dated June 13, '23.
Frame up $1237
Brown coated 1237
Completed 1237
Usual 35 days..... 1237
TOTAL COST, $4948
Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

COTTAGE
(2542) W FORTY-FIRST AVE 27-6 N Fulton N 23-9xW 95. All work for one 6-room cottage.
Owner—Jack B. Nichols, 4808 Geary St., San Francisco.
Architect—None.
Contractor — Meyer Bros., 5326 Geary St., San Francisco.
Filed June 23, '23. Dated June 13, 1923.
Frame up $1237
Brown coated 1237
Completed 1237
Usual 35 days..... 1237
TOTAL COST, $4948
plans and specifications, none.
Bond, none. Limit, 90 days. Forfeit,

DWELLINGS
(2543) E FORTY-FOURTH AVE 100, 130 and 160 N Cabrillo. Three one-story and basement frame dwlgs.
Owner—Ben Schnier, 1766 O'Farrell St., San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco. $5000 each

DWELLING
(2544) S BALBOA 82-6 E Twenty-ninth. One-story and basement frame dwelling.
Owner—Chas. Blake, 62 Pomona St., San Francisco.
Architect—None. $3000

ALTERATIONS
(2545) NO. 743 MARKET. Construct tile front for market.
Owner—Markets Investment Co., Prem.
Architect—Will H. Toepke, 72 New Montgomery St., San Francisco.
Contractor—John Morton, Balboa Bldg., San Francisco. $2223

FRAME FLATS
(2546) S JENNINGS 50 W Jamestown. Two-story and basement frame (2)
Owner—Sotirios Tjogns, 3230 Jennings St., San Francisco.
Architect—None. $4000

DWELLING
(2547) E ASHTON AVE 250 S Holloway. One-story and basement frame dwelling.
Owner—Mr. and Mrs. J. J. Maschio, 251 Ashton Ave. San Francisco.
Architect—John Morrison, 3232 21st St., San Francisco.
Contractor—John Morrison, 3232 21st St., San Francisco. $4000

ALTERATIONS
(2548) NO. 214 POST. Remodel show windows and install interior partitions.
Owner—Thos. G. Plant Co., Premises.
Architect—Will H. Toepke, 72 New Montgomery St., San Francisco.
Contractor—Pink & Schindler Co., 226 13th St., San Francisco. $3970

DWELLING
(2549) E McCORMICK 73 S Pacific. One-story and basement frame dwelling.
Owner—Annie L. Grady, 8 McCormick St., San Francisco.

Architect—None.
Contractor—M. Brown and W. Perago, 57 Sharon St., San Francisco. $3000

FRAME FLATS
(2550) W TWENTY-THIRD AVE 250 N Anza. Two-story and basement frame (2) flats.
Owner—J. F. Hincks.
Architect—None.
Contractor—M. P. Storheim, 201 Caselli Ave., San Francisco. $6000

FOUNDATION.
(2551) S POST — W Powell. Foundation, structural steel and fireproofing for hotel.
Owner—Crocker Hotel Co., Premises.
Architect—Bliss & Faville, Balboa Bldg., San Francisco.
Contractor—Lindgren & Swinerton, Monadnock Bldg., S. F. $135,000
NOTE—This is a partial permit.

DWELLING
(2552) W TWENTY-SEVENTH AVE. 325 S Lincoln Way. Two-story and basement frame dwelling.
Owner—Fernando Nelson & Sons, Inc., 2 West Portal Ave., S. F.
Architect—None. $4000

CONCRETE BUILDING.
(2553) NE. SUTTER & LARKIN, N. 87.6 x E. 57.6. All work except plastering for 6-story reinforced concrete building.
Owner—J. E. Connell & Peter Bradley, 180 Jessie St.
Architect—E. H. Denke, 1317 Hyde St., San Francisco.
Contractor—Fennell & Chisholm, 180 Jessie St., San Francisco.
Filed June 25, 1923. Dater June 22, 1923
2nd floor joists set $10049
Rafters set 15049
Partitions set and heating, plumbing and electrical work roughed in 20098
Interior plastering completed. 15098
Completed and accepted 20098
Usual 35 days after 26797
TOTAL COST $107,189
Bond, $53,595; Sureties, D. J. Sullivan, H. C. Matthies; Forfeit, none; Limit, none. Plans and specifications filed.

RESIDENCE.
(2554) N. JACKSON, 35 W. LAUREL. All work except electric, plaster, painting, plumbing and heating for 2-story and part 3-story frame residence.
Owner—Mr. Harold L. Zellerbach, 3543 Washington St.
Architect—Samuel L. Hyman, 68 Post St., San Francisco.
Contractor—Conlan Bros., 842 Guerrero St., San Francisco.
Filed June 25, 1923. Dated June 5, 1923.
Roof sheeting on and building enclosed $5839
Rough plaster completed 5839
Completed and accepted 5839
Usual 35 days after 5840
TOTAL COST $23,357
Bond, $12,678; Sureties, Herbert A. Norman, Mrs. Edith Lennon; Forfeit, none; Limit, 165 days. Plans and specifications filed.

(2555) ELECTRICAL WORK ON ABOVE.
Contractor—California Electric Construction Co., 687 Mission St., San Francisco.
Filed June 25, '23. Dated June 13, '23.
Work ½ completed $515
Completed and accepted 515
Usual 35 days after ..... ——
TOTAL COST $1540
Bond, none; Sureties, none; Forfeit, none; Limit, as required. Plans and specifications filed.

(2556) PAINTING ON ABOVE.
Contractor—Baldacci & Gaddini.
Filed June 25, '23. Dated, June 15, '23.
½ completed $965
Completed and accepted 965
Usual 35 days after 965
TOTAL COST $2775
Bond, none; Sureties, none; Forfeit, none; Limit, as required. Plans and specifications filed.

(2557) PLASTERING ON ABOVE.
Contractor—MacGruer & Simpson, 266 Tehama St., San Francisco.
Filed June 25, 1923. Dated June 13, '23.
½ completed $1215
Completed and accepted 1215
Usual 35 days ..... ——
TOTAL COST $3650
Bond, none; Sureties, none; Forfeit, none; Limit, as required. Plans and specifications filed.

(2558) HEATING ON ABOVE.
Contractor—Hall Gas Furnace Co., 479 Sutter St., San Francisco.
Filed June 25, 1923. Dated June 12, 1923.
75% on completion ..... ——
On completion 75%
Usual 35 days after 25%
TOTAL COST, $773
Bond, none; Sureties, none; Forfeit, none; Limit, as required. Plans and specifications filed.

(2559) PLUMBING ON ABOVE.
Contractor—Wm. J. Forster Co., 670 Howard St., San Francisco.
Filed June 25, 1923. Dated June 13, 1923.
TOTAL COST, $3089
Roughing in completed.....$1030.00
Completed and accepted..... 1029.50
Usual 35 days 1029.50
TOTAL COST, $——
Bond, Sureties, Forfeit, none; Limit, as fast as required; Plans and specifications filed.

STORES
(2560) MASON AND EDDY. Rough and finish carpenter work, painting and sheet metal work for reconstruction of stores.
Owner—Prior Estate, 2901 Pacific Ave., San Francisco.
Architect—None.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.
Filed June 25, '23. Dated June 14, '23.
Payments not given.
TOTAL COST, $3972
Bond, limit, forfeit, none. Plans and specifications filed.

ALTERATIONS
(2561) N POST bet. Grant Ave. and Stockton No. 214 Post. All work for alterations and additions to store.
Owner—Thomas G. Plant Co., Prem.
Architect—Will H. Toepke, 942 Market St., San Francisco.
Contractor—Fink & Schindler Co., 226 13th St., San Francisco.
Filed June 25, '23. Dated June 22, '23.
On 1st and 15th of each month 75%
..Usual 35 days..... 25%
TOTAL COST, $14,263
Bond, $7131.50. Surety, Hartford Accident & Indemnity Co. Limit, Aug. 8, 1923. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(2562) NE BUSH AND MONTGOMERY Erect lunch room and install partitions for toilets, etc., (on roof).
Owner—Mills Estate, Inc., Mills Bldg., San Francisco.
Architect—August Nordin, Mills Bldg., San Francisco. $4700

ALTERATIONS
(2563) NW JACKSON AND SCOTT. Remove present and replace with new slate roof.
Owner—Academy of the Sacred Heart, Premises.
Architect—None.
Contractor—Conlin & Roberts, 410 Natoma St., San Francisco. $2000

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APARTMENTS
(2564) S BROADWAY 137-6 E Fillmore. Five-story and basement concrete Class C (10) apartments.
Owner—M. H. Gnecco, 36 Wood St., San Francisco.
Architect—E. E. Young, 2002 California St., San Francisco. $60,000

ADDITION
(2565) NO. 960 GREEN. Add bath to dwelling; enclose porches with glass; rearrange closets and raise laundry floor.
Owner—Benjamin Olcovich, Premises.
Architect—Frederick Quandt, Humboldt Bank Bldg., S. F. $1900

ALTERATIONS
(2566) S FILBERT 80 W Columbus Ave. Remodel livery stable for public garage.
Owner—A. Ruef, 916 Kearny St., S. F.
Architect—M. J. Lyon, 916 Kearny St., San Francisco. $4000

DWELLINGS
(2567) E THIRTY-FIRST AVE 30, 60 and 90 N Irving. Three one-story and basement frame dwellings.
Owner—James A. Arnott, 235 Granville Way, San Francisco.
Architect—None.
Contractor—Jas. A. Arnott & Son, 236 Granville Way, S. F. $3800 each

BAKE OVEN
(2568) S STILLMAN 175 W 3rd. Install brick bake oven in bakery.
Owner—Minonea Baking Co., Premises.
Architect—None.
Contractor—J. P. Glaser, 2480 Union St., San Francisco. $1600

WAREHOUSE
(2569) N ARMY bet. Mississippi and Missouri. Concrete warehouse, 190 x400 feet.
Owner—Edw. L. Soule Co., Rialto Bldg., San Francisco.
Architect—None. $60,000

FRAME BUILDING
(2570) N FRANCISCO 175 W Franklin W 25xN 137-6. All work except painting, heating, shades, lighting fixtures and cement side walks for two-story and basement frame building.
Owner—John J. Bowen.
Architect—P. F. De Martini, 946 Broadway, San Francisco.
Contractor—John Harder, 870 39th Av., San Francisco.
Filed June 26, '23. Dated June 12, '23.
Frame up $2900
Brown coated 2900
Completed and accepted..... 2900
Usual 35 days..... 2900
TOTAL COST, $11,600
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(2571) E MISSION 215 S Nineteenth. All work for alterations to building
Owner—The Rudolph Wurlitzer Co., 250 Stockton St., San Francisco.
Architect—Vernon W. Houghton, 275 Post St., San Francisco.
Contractor—M. E Greene, 180 Jessie St., San Francisco.
Filed June 26, '23. Dated June 23, '23.
Rough frame up.....$2476
Brown coated 2476
Completed and accepted..... 2476
Usual 35 days..... 2476
TOTAL COST, $9900
Bond, $4950. Surety, Maryland Casualty Co. Limit, 60 days. Forfeit, plans and specifications, none.

BUILDING
(2572) NW ELEVENTH & NATOMA N 55xW 90. All work for one-story and mezzanine reinforced concrete building.
Owner—Elmer B. Stone and Richard Tobin.
Architect—None
Contractor—Chas. W. Gompertz, Balboa Bldg., San Francisco.
Filed June 26, '23. Dated June 20, '23.
Excavation completed $2476
Walls poured 2475
Completed and accepted..... 2476
Usual 35 days..... 2476
TOTAL COST, $9900
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(2573) NO. 641 PARIS. Raise dwelling for basement garage qparters add two rooms and porches.

Owner—Eugene G. Gilbert, Premises.
Architect—None. $1000

DWELLING
(2574) SE FORTY-THIRD AVE AND Anza. One and one-half-story and basement frame dwelling.
Owner—Thos. Hamill, 6140 Geary St., San Francisco.
Architect—None. $4000

FRAME FLATS
(2575) W FOURTH AVE 275 S Cornwall. Two-story and basement frame (2) flats.
Owner—S. Raskin, 731 Baker St., San Francisco.
Architect—None. $7000

ALTERATIONS
(2576) NO. 53 KEARNY. Remodel show windows and store interior.
Owner—C. H. Baker Co., Premises.
Architect—None.
Contractor—The Fink & Schindler Co., 226 13th St., San Francisco. $1900

DWELLING
(2577) E TENTH AVE 235 S Judah. One-story and basement frame dwelling.
Owner—A. Herschfeld, 1336 10th Ave., San Francisco.
Architect—None.
Contractor—H. E. Roskamp, 1319 16th Ave., San Francisco. $3000

DWELLING
(2578) E TENTH AVE 150 S Clement. One-story and basement frame dwelling.
Owner—Joseph Garcia, 351 8th Ave., San Francisco.
Plans by Owner. $1500

ALTERATIONS
(2579) NO. 52 THIRD. Alter store front; tile base.
Owner—A. Verbin, 1451 Fulton St., San Francisco.
Architect—None. $1000

FRAME FLATS
(2580) W TWENTY-SEVENTH AVE 231 N California. Two-story and basement frame (2) flats.
Owner—J. M. Peters, 1045 Balboa St., San Francisco.
Architect—None. $6000

DWELLING
(2581) S JOOST AVE 200 E Genesee. One-story and basement frame dwelling.
Owner—F. J. Davis, 661 Joost Ave., San Francisco.
Architect—None. $4000

APARTMENTS
(2582) S POST 50 W Jones. Six-story and basement Class C concrete (21) apartments.
Owner—Geo. Cohn, 9 Stockton St., San Francisco.
Architect—S. Heiman, 57 Post St., San Francisco. $20,000

FRAME FLAT
(2583) E ARGUELLO BLVD 103 S Clay. Two-story and basement frame (2) flats.
Owner—A. Judell, Care Architect.
Architect—H. C. Baumann and Edw. Jose, 251 Kearny St., San Francisco. $12,000

SHOP
(2584) W MISSION 60-3 S Twenty-first One-story concrete store.
Owner—Leo. Gillig, 1298 Post St., San Francisco.
Architect—Norman R. Coulter, 46 Kearny St., San Francisco.
Contractor — Schultz Constr. Co., 46 Kearny St., San Francisco. $9000

SUB-STATION
(2585) MINNA 65 E Eighth. One-story steel and concrete electric sub-station.
Owner—Pacific Gas & Electric Co., 445 Sutter St., San Francisco.
Plans by Owner. $36,000

COTTAGES
(2586) E FORTY-SIXTH AVE 150 N Cabrillo N 50x1. 120. All work for two cottages.
Owner—C. B. Robb, 757 7th Ave., San Francisco.
Architect—None.
Contractor—Meyer Bros., 5326 Geary St., San Francisco.
Filed June 27, '23. Dated May 7, '23.

Frames up	$2400
Brown coated	2400
Completed and accepted	2400
Usual 35 days	2400
TOTAL COST.	$9600

Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Amount

June 21, 1923—SE HANOVER 28 SW Guttenberg SW 25xSE 81-6 Ptn Lot 192 West End Hd Assn; SE Hanover 53 SW Guttenberg SW 25xSE 87-6 Ptn Lot 192 West End Hd. Assn. Wm. R McKnight to whom it may concern.....June 21, 1923

June 21, 1923—LOT 4 BLK 3110 Westwood Park. Hans & Esther E Nelson to whom it may concern.....June 18, 1923

June 21, 1923—N 20 FT. LOT 16 and S 20 ft. Lot 17 Blk 3108, Westwood Park. Hans and Esther E Nelson to whom it may concern.June 18, '23

June 21, 1923—W BOYCE 100 S Geary S 25xW 75. Jos and Alice Hanlon to whom it may concern.June 19, 1923

June 21, 1923—W NINTH AVE 100 S Balboa 25x120. Edmond and Ellen Power to Thos McCormick.....June 18, 1923

June 22, 1923—SE O'FARRELL AND Powell S 137-6 E 112-6 N 49-10½ W 50 N 87-7 W 62-6. Regan Estate Co to Mission Concrete Co..June 12, 1923

June 22, 1923—LOT 1 BLK 2979 Claremont Ct. St. George Holden to whom it may concern.....—

June 22, 1923—TWENTY-FIFTH & Potrero Ave. Associated Oil Co to George Wolf.....June 13, 1923

June 22, 1923—E VIENNA 75 S France Ave 25x100. Jos Novello to whom it may concern..June 22, 1923

June 22, 1923—NE HYDE AND DELgrade Place N 25xE 62-6. J P Bouzout to W J Stevens....June 15, 1923

June 22, 1923—E VAN NESS AVE 100 N Union. E V Gould to whom it may concern.....June 1, 1923

June 22, 1923—W SANSOME 46-10⅞ m or 1 N Sutter N 91-6xW 122-9. Anglo & London Paris National Bank to Otis Elevator Co.June 18, '23

June 22, 1923—S OCEAN AVE 25 E Brighton Ave E 25x125. Cero Anzalone to McCauley & Weber.....June 21, 1923

June 21, 1923—S GENEVA AVE 325 E Mission E 25xS 100. A Corbelli to Franklin & Rosina.....June 19, 1923

June 23, 1923—S GREEN 87-6 W Hyde Milton P McMahon for Mrs. Catherine McMahon to whom it may concern .....June 22, 1923

June 23, 1923—E MISSION 45-9 S Twelfth 46x85. J H Hjul to whom it may concern.....June 20, 1923

June 23, 1923—W DIVISADERO 180 N Fourteenth. Fred Warden to whom it may concern.....June 23, 1923

June 25, 1923—E TWENTY-FIFTH Ave 175 N Fulton N 25xE 120. Byron Feerick to whom it may concern.....June 25, 1923

June 25, 1923—W TWENTY-FIFTH Ave 175 N Cabrillo N 25xW 120. James O Maxon to whom it may concern.....June 18, 1923

June 25, 1923—E THIRTY-NINTH Ave 90 S Anza 30x120. L M Carusio to whom it may concern.....June 18, 1923

June 25, 1923—E CURTIS 204 S Rolph Wm E Grosman to whom it may concern.....June 20, 1923

June 25, 1923—W LOWELL 56-6 NW Hanover NW 25xNE 78 Ptn Lot 86, West End Hd. Frank Carmody to whom it may concern.....—

June 25, 1923—W TWENTY-EIGHTH Ave 150 S California S 25xW 120. Emil F and Ingeburg Schabat to O K Holt.....June 25, 1923

June 25, 1923—BLK BDED BY LEWIS Buchanan, Maryea Blvd and Webster St. Pacific Gas & Electric Co to Renner Foundation Co.....June 21, 1923

June 25, 1923—NW EIGHTEENTH Ave and Irving N 95x32-6. Schrader Estate Co to Arthur H Kalhn.....June 25, 1923

June 25, 1923—LOTS 5, 22 and 24 Blk "I" Mission Terrace. Walter E Hansen to whom it may concern.....June 22, 1923

June 26, 1923—W TWENTY-FIRST Ave 150 N Cabrillo N 25xW 120. Michael J Haley to whom it may concern.....June 25, 1923

June 26, 1923—NE JONES AND O'Farrell No. 498 O'Farrell. A C Crowley to Western Hardwood Mfg Co.....June 19, 1923

June 26, 1923—NE ACADEMY AND Charles 30x94. Lou Barnhouse to National Mill & Lumber Co.....June 8, 1923

June 26, 1923—NW TWENTY-SIXTH and Church N 28xW 80. Ward C Brown to whom it may concern..—

June 26, 1923—W THIRTY-SIXTH AV 90 N Geary N 30xW 120. A R Lapham to whom it may concern.....June 26, 1923

June 26, 1923—N BERNAL AVE 320 E Coso Ave E 30xN 100 Ptn Lot 106 F V Lands. Peter Thelen to whom it may concern.....June 15, 1923

June 26, 1923—N TARAVAL 50 W Dewey Blvd W 50xN 100. Fred K Perry and Moses Little to whom it may concern.....June 25, 1923

June 26, 1923—N BUSH 135-6 W Mason W 30xN 137-6. Bertha Basye to H L Petersen.....June 21, 1923

June 26, 1923—NO. 421 KEARNY ST. J U Hastings to J Martinelli.....June 22, 1923

June 26, 1923—W SECOND, 261-3 S Brannan S 63-9x160. J Sheldon Potter to Clinton Constr Co.....June 22, 1923

June 26, 1923—LOT 12 San Rafael Way, St. Francis Wood. Abbie E Wilkins to C F Parker..June 20, 1923

June 26, 1923—E FUNSTON AVE 125 S California 25x120. Mrs. Etta B Dickenson to G W Urban.June 25, '23

June 26, 1923—E ELEVENTH 75 NE Harrison No. 375, 11th. David M Lerer and David S Lerer to Lewes Toel .....June 9, 1923

June 27, 1923—NE SIXTH 205 NW Brannan NW 70 NE 90 NW 25 NE 75 SE 95 SW 165. Hershel Rothenberg Co to H J Keneally.June 26, '23

June 27, 1923—SE EIGHTEENTH & Lexington E 30xS 85. Julius and Marie Rudolph to C Lindburg.....June 27, 1923

June 27, 1923—SE HOWTH 25 NE Geneva Ave NE 25xSE 112 Ptn Lot 3 Blk 9, Miguuel City. Russell M Schaadt to whom it may concern..

June 27, 1923—E CHURCH 51-6 N Army 25x100. Martin J Dolan to E Wiander.....June 26, 1923

June 27, 1923—SE LANE 100 SW Le Conte Ave SE 75 SW 89-5½ NW 103-8 NE 17-11 Lot 16 Blk 62, Paul Tr Hd Ass'n. The Charles Dunn Clinch Co., Inc, to John Casty.....June 20, 1923

June 27, 1923—W EIGHTEENTH AV 300 S Lincoln Way S 25xW 120. Geo M Merritt to George M Merritt Building Co., Inc.....June 26, 1923

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Amount

June 21, 1923—NW OCTAVIA AND Vallejo W 30xN 125. J P Fraser vs Jeffreys de al Montanya McEwen and Dana M McEwen.....$634.90

June 21, 1923—S BUSH 190 E Pierce E 36-6xS 137-6. MacGruer & Simpson vs Annie and Gus Berndt and George A Williams.....$1236.30

June 21, 1923—NW FULTON AND Twentieth Ave W 30xN 100. Gladding, McBean & Co vs Wm T Breen and H J Hansen.....$220

June 22, 1923—NO. 234 NEY. James L Blasingame vs Mrs R McCready $191

June 22, 1923—SE VIENNA 100 SW Italy 25x100. W B Jefferson and S Steinberg (as The Greater City Lumber Co) vs Louis Levy and Wm T Harris $271.65

June 22, 1923—W THIRTY-FIFTH Ave 75 N Anza N 25xW 100. Frank Neubert vs Bertram A Cody.....$28

June 22, 1923—S TURK 137-6 W Taytor W 60xS 137-6. J H Kruse vs Mortimer A Samuel and Bernard Drury (as Drury Physical Culture Institute) $597.46

June 26, 1923—SE LINCOLN WAY & Thirty-fifth Ave S 25xE 100. Stulsaft Co vs Jas C and Florence Gibson $230.50
June 27, 1923—E ASHBURY 125 S Page S 25xE 125. Miller & King va Nellie A and Charles E Hennessy $100
June 27, 1923—S BUSH 190 E Pierce E 36-6xS 137-6. J E Higgins Lumber Co vs Annie and Gus Berridt and George A Williams.....$198

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded Amount
June 22, 1923—E POWELL 117-6 N Jackson N 20xE 57-6. Gaston Pene to Gracleuse Idiart $2726
June 22, 1923—NW FULTON AND Eighth Ave W 80xN 100. V Fasslo (as Mission Concrete Co) to Jas Duvaras $9000
June 26, 1923—W SHOTWELL 126-7¾ S Twentieth No. 620 Shotwell. The Greater City Lumber Co to Frank and Catherine S Kelly and Haaf..

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

June 22, 1923—NO. 98 EMBARCADERO W Cor. Mission. Nellie M and Agnes Lowry and Isabel L Soule as to improvements on property..
June 25, 1923—SE CALIFORNIA & Fourth Ave E 95-6 S 61-5¼ W 95 N 51-8¼. John T Melnert as to improvements on property.....

RELEASE OF BUILDING CONTRACT

SAN FRANCISCO COUNTY

June 25, 1923—E FORTY-SIXTH AV 175 N Cabrillo N 50xE 120. Meyer Bros with C R Robb.....

BUILDING CONTRACTS

ALAMEDA COUNTY

$1,0000 and Over Reported

The following is an Index for the contracts in this issue.

No.	Owner	Contractor	Amt.
2919	Weston	Owner	4300
2920	Ripley	Newby	4100
2921	Carroll	Peterson	2400
2922	Runnels	Owner	3000
2923	Haskins	Stewart	8500
2924	Allen	Kulchar	6000
2925	Fischer	Owner	3500
2926	Dezzani	Valente	4500
2927	Chimenti	Rubenstein	1000
2928	St. Mary	Owner	10000
2929	Campau	Owner	9000
2930	Nichols	Owner	2500
2931	Howalt	Owner	3500
2932	Alrich	Glaser	1600
2933	Ballels	Lysen	3150
2934	Davis	Owner	7700
2935	St. Mary	Owner	3000
2936	Dubosky	Schuler	11975
2937	Stocker	Williamson	5000
2938	Mills College	Nordstrom	10275
2939	Stockes	Williamson	5000
2940	Capdeville	Grant	2000
2941	Galbrith	McPhersen	2750
2942	Sheridan	Rankin	1575
2943	Berkeley	Owner	33000
2944	Berkeley	Connor	2400
2945	Berkeley	Owner	3500
2946	Berkeley	Owner	2500
2947	Mills	Nordstrom	10000
2948	Muller	Owner	10000
2949	Wadey	Owner	4500
2950	Malmgren	Sommarstrom	8000
2951	Ashley	Yerrick	5000
2052	Galliano	Johanson	4000
2953	Burns	Matteson	2800
2954	York	Owner	3500
2955	Rodrigues	Andrews	4500
2956	Kineger	Owner	3600
2957	Hull	Owner	1500
2958	Huninger	Gaubert	4750
2959	Goldworthy	Owner	2000
2960	Lucas	Owner	9900
2961	Davis	Knight	15000
2962	Heisler	Van Ness	3500
2963	Benson	Smith	2800
2964	Newman	Owner	3000
2965	Hubert	Legris	4750
2966	Whitlock	Owner	2900
2967	Midgley	Palmer	110000
2968	Bruzzone	Hamilton	3500
2969	Olesiewlez	Peterson	7575
2970	Proll	Owner	1200
2971	Gould	Owner	2500
2972	Murnahan	Owner	2000
2973	Ericsson	Owner	3000
2974	MacIntyre	Kidder	1000
2975	Rieger	Krieger	6000
2976	Waring	Owner	1000
2977	Cantella	Anderson	3000
2978	Thompson	Randlett	1000
2979	Navone	McCord	3500
2980	MacKay	Owner	3800
2981	Aronson	Owner	4500
2982	Lawlor	Malley	5000
2983	Metz	Cushman	3000
2984	Czarneckl	Grubb	5000
2985	Gays	McCord	3850
2986	Tobenkin	Mullen	9678
2987	Connor	Adams	4600
2988	Ramman	Owner	3000
2989	Houch	Owner	6000
2990	Kick	Owner	2500
2991	Carlson	Anderson	4575
2992	Davidow	Neikerk	44700
2993	Lane	Beadell	4500
2994	Lawrence	Henderson	1000
2995	Hanson	Hanson	2000
2996	Delucchi	Grunewald	2800
2997	White	Owner	6000
2998	MacGregor	MacGregor	3500
2999	Bucholtz	Thomas	4800
3000	Hudson	Owner	6000
3001	Merlinjones	Owner	2375
3002	Brookes	Owner	4000
3003	Lopez	Ray	2000
3004	Lewis	Schweder	4000
3005	Owen	Dickle	8000
3006	MacGregor	MacGregor	3500
3007	Chimet	Franzen	1500
3008	Field	Hopper	25690
3009	Field	Zellnsky	720
3010	Field	Kenyon	848
3011	Field	Williams	710
3012	Field	Doell	729
3013	Pacific T & T	Monson	57740
3014	Andre	Owner	4000
3015	Covey	Owner	7000
3016	Perry	Owner	4000
3017	Smith	Lyon	2700
3018	Royal	Walworth	1000
3019	Christensen	Owner	2500
3020	Castorls	Anderson	3000
3021	Henning	Stanley	2000
3022	Reha	Owner	4000
3023	Pearce	Owner	2505
3024	Henning	Stanley	2000
3025	Calif.	Owner	4000
3026	Rocksteschell	Stan	13500
3027	Reynolds	Anderson	14500
3028	Such	Calif	12500
3029	Breuner	Turner	10380
3030	Breuner	Gottstein	3845
3031	Olsen	Neergard	8308

DWELLING
(2919) 925 FRESNO, Berkeley. 1-story 6-room dwelling.
Owner—John O. Weston, 1731 Dwight Way, Berkeley.
Architect—None. $4300

DWELLING
(2920) 1645 JULIA ST., Berkeley. 1-story 5-room dwelling.
Owner—H. T. Ripley, 1028 Linden St., Oakland.
Architect—None.
Contractor—P. A. Newby, 2263 Auseon Auseon Ave., Oakland. $4100

DWELLING
(2921) 2765 MATHEWS, Berkeley. 1-story 4-room dwelling.
Owner — Ella Carroll, 1168 62nd St., Berkeley.
Architect—None.
Contractor—A. M. Peterson, 1012 Allston Way, Berkeley. $2400

DWELLING
(2922) 951 HILLDALE, Berkeley. 1-story 5-room dwelling.
Owner—Oscar D. Runnels, Euclid & Marin, Berkeley.
Architect—None. $3000

FLATS
(2923) 658 660 FORTY-THIRD ST., Oakland. 2-story 8-room flats.
Owner—E. J. Haskins, 43rd & Grove Sts., Oakland.
Architect—None.
Contractor—B. A. Stewart, 668 Brookwood Rd., Oakland. $8500

ALTERATION
(2924) NW COR. TWELFTH AND Washington. Alterations.
Owner—Wiley B. Allen, premises.
Architect—None.
Contractor—S. Kulchar, 8th Ave, and E-10th St., Oakland. $6000

DWELLING
(2925) 472 THIRTY-EIGHTH ST., land. 1-story 5-room dwelling.
Owner—E. F. Joyce Fischer, 3814 Clark St., Oakland.
Architect—None. $3500

DWLG. & STORE
(2926) 5400 SHATTUCK AVE., Oakland. 1-story dwelling and store.
Owner—E. Dezzani, Oakland.
Architect—None.
Contractor—M. E. Valente, 5215 Locksley Ave., Oakland. $4500

ADDITION
(2927) 965 EIGHTH ST., Oakland. Addition.
Owner—Saverro Chimenti, premises.
Architect—None.
Contractor—K. Rubenstein, 668 6th St., Oakland. $1000

DWELLINGS
(2928) 1340 1346 1352 1358 NINETY-fourth Ave., Oakland. 4 1-story 4-room dwellings.
Owner—Joe St. Mary, 9411 E-14th St., Oakland.
Architect—None. $2500 each

DWELLING
(2929) S CONTRA COSTA RD. (Rockridge Terrace), Oakland. 2-story 9-room dwelling.
Owner—G. T. Campau, 5723 College Ave Oakland.
Architect—None. $9000

REPAIRS
(2930) NO. 516 APGAR ST., Oakland. Repairs.
Owner—C. K. Nichols, 355 12th St., Oakland.
Architect—None. $2500

ALTERATIONS
(2391) NO. 661 FIFTY-FOURTH ST., Oakland. Alterations.
Owner—J. A. Howalt, Premises.
Architect—None. $3500

BAKE OVEN
(2932) NO. 9317 E-FOURTEENTH ST. Oakland. Bake oven.
Owner—John Ulrich, Premises.
Architect—None.
Contractor—J. P. Glaser, 2480 Union St., San Francisco. $1600

DWELLING, ETC.
(2933) NO. 3525 GRAY ST., Oakland. One-story 5-room dwelling and alterations.
Owner—Mrs. J. Ballels, 3919 24th St., Oakland.
Architect—None.
Contractor—D. Lysen, 160 E-14th St., Oakland. $3150

DWELLINGS
(2934) NO. 2462 AND 2468 SIXTY-second Ave., Oakland. Two one-story 5-room dwellings.
Owner—Geo. B. Davis., 3283 Hyde St., Oakland.
Architect—None. $3850 each

DWELLING
(2935) NO. 1321 NINETY-THIRD AVE Oakland. One-story 5-room dwlg.
Owner—Joe St. Mary, Oakland.
Architect—None. $3000

STORES
(2936) ONE THIRD AND BROADWAY, Oakland. Two-story concrete stores.
Owner—Max. Dubosky, 335 Broadway, Oakland.
Architect—None
Contractor—Schuler & McDonald, 308 12th St., Oakland. $11,975

DWELLING
(2937) W MILVIA 300 S Eunice, Berkeley. All work for one-story 5-room dwelling.
Owner—J. T. Stockeer, 1736 Stocker St., Oakland.
Architect—None.
Contractor—E. M. Williamson & Sons, 3731 Allendale Ave., Oakland.
Filed June 21, '23. Dated June 16, '23.
Frame up ..... ¼
Brown coated ..... ¼
Completed ..... ¼
Usual 35 days..... ¼
TOTAL COST, $5000
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

COTTAGE, ETC.
(2938) MILLS COLLEGE, Oakland. All work for entrance posts, station, superintendent's cottage and garage.
Owner—Mills College.
Architect—W. H. Ratcliff Jr., 1st Nat'l. Bank Bldg., Berkeley.
Contractor — David Nordstrom, 4146 Emerald St., Oakland.
Filed June 21, '23. Dated June 20, '23.
Frame up ..... ¼
Brown coated ..... ¼
Completed and accepted..... ¼
Usual 35 days..... ¼
TOTAL COST, $10,275
Bond, $5140. Surety, National Surety Co. Limit, 75 days. Forfeit, none. Plans and specifications filed.

DWELLING
(2939) 1228 MILVIA, Berkeley. 1-story 5-room dwelling.
Owner—J. T. Stockes, 1736 9th St. Oakland.
Architect—None.
Contractor—E. M. Williamson & Sons, 3761 Allendale Ave., Okd. $5000

ALTERATION
(2940) 2281 SHATTUCK AVE., Oakland Alteration.
Owner—G. Capdeville, premises.
Architect—None.
Contractor—Grant & Hart, 571 42nd Av San Francisco. $2000

ALTERATION
(2941) 2436 CHANNING WAY, Berkeley. Alteration.
Owner—Dr. Galbrith, 2406 Telegraph Ave., Berkeley.
Architect—None.
Contractor—S. M. Pherson, 2151 Ashby Ave., Berkeley. $2750

GARAGE
(2942) 2820-22-24-26 PRINCE ST., Berkeley. Garage.
Owner—Robert J. Sheridan, Ideal Apts. Oakland.
Architect—None.
Contractor—S. E. Rankin, 712 Haddon Rd., Oakland. $1575

ADDITION
(2943) ROSE AND GRANT, Berkeley. Concrete addition to school.
Owner—Berkeley School District.
Architect—None. $33,000

REPAIRS
(2944) MILVIA & VIRGINIA, Berkeley. Repairs.
Owner—Berkeley School District.
Architect—None.
Contractor—Connor & Connor. $2400

SCHOOL
(2945) CALIFORNIA AND DERBY, Berkeley. Finish school.
Owner—Berkeley School District.
Architect—None. $3500

MOVE SCHOOL
(2946) SPRUCE AND MARIN, Berkeley. Move school.
Owner—Berkeley School District.
Architect—None. $2500

DWELLING.
(2947) SE COR. BUELAH & McCLELLAND, Oakland. One-story 6-room dwelling.
Owner—Mills College, Oakland.
Architect—W. H. Ratcliff, 1st Natl. Band Bldg., Berkeley.
Contractor—David Nordstrom, 4146 Emerald St., Oakland. $10,000

DWELLING
(2948) SE COR. THIRTY-THIRD AVE and Foothill Blvd., Oakland. 1-sto. brick and tile store.
Owner—F. A. Muller, Syndicate Bldg., Oakland.
Architect—None. $10,000

DWELLING
(2949) 5984 KEITH AVE., Oakland. 1-story 6-room dwelling.
Owner—M. Wadey, 5874 Birch Court, Oakland.
Architect—None. $4500

GARAGE
(2950) SW COR E-SIXTEENTH ST. & 15th Ave., Oakland. 1-story tile garage.
Owner—H. E. Malmgren, Oakland.
Architect—None.
Contractor—M. F. Sommarstrom, 403 15th St., Oakland $8000

DWELLING
(2951) 5435 CARLETON ST., Oakland. 1-story 6-room dwelling.
Owner—S. P. Ashley, 6474 Manila Ave., Oakland.
Architect—None.
Contractor—A. J. Yerrick, 5255 College Ave., Oakland. $5000

DWELLING
(2952) 4116 RANDOLPH AVE., Oakland. 2-story 5-room dwelling.
Owner — B. Galliano, 4100 Randolph Ave., Oakland.
Architect—None.
Contractor—G. Johanson, 1357 Northside Ave., Oakland. $4000

DWELLING
(2953) S Montana 120 W Laguna, Oakland. 1-story 4-room dwelling.
Owner—A. J. Burns.
Architect—None.
Contractor—E. T. Matteson, 3629 Laguna Ave., Oakland. $2800

DWELLING
(2954) S BOND 290 E Fairfax Ave., Oakland. 1-story 5-room dwelling.
Owner—J. B. York, 5527 Holway St., Oakland.
Architect—None. $3500

DWELLING
(2955) 624 SANTA RAY AVE., Oakland. 1-story 6-room dwelling.
Owner—F. Dodrigues, San Francisco.
Architect—None.
Contractor — F. A. Andrews, Federal Bldg., Oakland. $4500

DWELLING
(2956) 4008 DIVISION ST., Oakland. 1-story 4-room dwelling.
Owner—A. C. Kineger, 1307 Filbert St. Oakland.
Architect—None. $3600

DWELLING
(2957) W NINETY-SECOND AVE. 185 S E-14th St., Oakland. 1-story 3-room dwelling.
Owner—P. M. Hull, 92nd Ave., Oakland.
Architect—None. $1500

DWELLING
(2958) 5418 WENTWORTH AVENUE, Oakland. 1-story 5-room dwelling.
Owner—E. H. Huninger, 1804 55th Ave., Oakland.
Architect—None.
Contractor—N. Gaubert, 1910 40th Ave. Oakland. $4750

DWELLING & STORE
(2959) S HARRINGTON AVE. 300 W Lyon, Oakland. 1-story 4-rm dwlg and store.
Owner—J. Goldworthy, 1701 35th Ave., Oakland.
Architect—None. $2000

DWELLING
(2960) 6622 & 6628 CHABOT RD., Oakland. 2 1-story 6-room dwellings.
Owner—L. L. Lucas, 2201 Ashby Ave., Berkeley.
Architect—None. $4950 each

APTS. & GARAGE
(2961) S ORCHARD ST. 100 W Summit St., 50x125, Oakland. 2-story 16-room apartments and 4 garages
Owner—A. Davis.
Architect—W. A. Doctor, 410 15th St., Oakland.
Contractor—Harry C. Knight, 388 12th St., Oakland.
Filed June 22, 1923. Dated June 15, 1923.
Roof on $3750
Brown coated 3750
Completed and accepted 5000
Usual 35 days 2500
TOTAL COST, $15,000
Bond, Sureties, Forfeit, none; Limit, 75 days after mudsills laid; Plans and specifications filed.

DWELLING
(2962) NO. 2233 AUSEON AVE., Oakland. One-story 5-room dwelling.
Owner—W. J. Heisler.
Architect—None.
Contractor—L. E. Van Ness, 2536 Hopkins St., Oakland. $3500

DWELLING
(2963) W EIGHTY-SECOND AVE 168 S Foothill Blvd., Oakland. One-story 5-room dwelling.
Owner—F. Benson, 1757 82nd Ave., Okd.
Architect—None.
Contractor—R. A. Smith, 1757 82nd Ave., Oakland. $2800

DWELLING
(2964) NO. 2701 SIXTIETH AVE., Oakland. One-story 5-room dwlg.
Owner—E. O. Newmon, 2316 Buena Vista Ave., Alameda.
Architect—None. $3000

DWELLING
(2965) NO. 5309 BROADWAY, Oakland. One-story 5-room dwelling.
Owner—M. A. Hubert, 2908 Deekin St., Berkeley.
Architect—None.
Contractor—L. H. Legris, 1351 Hampel St., Oakland. $4750

DWELLING
(2966) 1757 AUSEON AVE., Oakland. One-story 5-room dwelling.
Owner—J. O. Whitlock, 913 Lincoln Ave., Alameda.
Architect—None. $2900

STORES, ETC
(2967) SW SIXTEENTH AND SAN Pablo Ave., Oakland. Two-story concrete store and loft building.
Owner—Midgley Co., American Theatre Bldg., Oakland.
Architect—None.
Contractor—P. A. Palmer and W. C. Lowe, Monadnock Bldg., San Francisco. $110,000

STORES
(2968) W GROVE 45 S Fifty-fifth St. Oakland. One-story brick stores.
Owner—Joe Bruzzone, 2nd and Franklin Sts., Oakland.
Architect—None.
Contractor—Murphy F. Hamilton, 825 Santa Fe Ave., Berkeley. $3500

DWELLING
(2969) LOT 4 BLK 14, Map Resubdivision Ftn Broadmoor, San Leandro All work for one-story frame dwelling and garage and store.
Owner—Ignatz and Wanda Olesiewicz, Oakland.
Architect—George O'Brien, Bacon Bldg. Oakland.
Contractor—Alfred Peterson, 3918 Linwood Ave., Oakland.
Filed June 23, '23. Dated June 20, '23.
Roof sheathed $1893
Plastered 1893
Completed and accepted..... 1893
Usual 35 days..... 1896
TOTAL COST, $7575
Bond, $7575. Suerty, Continental Casualty Co. Limit, 90 days. Forfeit, none. Plans and specifications filed.

DWELLING
(2970) NO. 2447 TENTH ST., Berkeley. One-story 2-room dwelling.
Owner—Joseph Proll, 1126 Harrison St., San Francisco.
Architect—None. $1200

DWELLING
(2971) NO. 2405 SPAULDING, Berkeley. One-story 5-room dwelling.
Owner—A. E. and G. O. Gould, 2137 Sacramento St., Berkeley.
Architect—None. $2500

DWELLING
(2972) NO. 1630 ASHBY AVE., Berkeley. One-story 5-room dwlg.
Owner—W. Murnahan, 1624 Ashby Ave., Berkeley.
Architect—None. $2000

DWELLING
(2973) NO. 1321 TALBOT, Berkeley. One-story 5-room dwelling.
Owner—Carl Ericsson, 1319 Addison St., Berkeley.
Architect—None. $3000

ALTERATIONS
(2974) NO. 2515 COLLEGE ,AVE., Berkeley. Alterations.
Owner—Mrs. D. H. MacIntyre, Prem.
Architect—None.
Contractor—H. C. Kidder, 1923 Francisco St., Berkeley. $1000

DWELLING
(2975) NO . 2705 KEITH, Berkeley. Two-story 6-room dwelling.
Owner—Paul Rieger, Berkeley.
Architect—Warren A. Herman, S. F.
Contractor—C. J. Krieger, 2316 Keith Ave., Berkeley. $6000

ADDITION
(2976) 5466 ROBERTS AVE., Oakland. Addition.
Owner—Fred Waring, 775 15th St., Oakland.
Architect—None. $1000

DWELLING
(2977) E LAUREL AVE. 70 S Delaware St., Oakland. 1-story 5-room dwelling.
Owner—T. M. Cantella, 3430 Laurel Ave., Oakland.
Architect—None.
Contractor—A. Anderson, 3027 Florida St., Oakland. $3000

MILL
(2978) SE COR. TWENTY-NINTH AV. and Glascock St., Oakland. 1-story mill.
Owner—Jack Thompson Lbr. Co., 340 29th Ave., Oakland.
Architect—None.
Contractor—E. A. Randlett, 1534 Chestnut St., Alameda. $1000

DWELLING
(2979) 971 FORTY-FIFTH ST., Oakland. 1-story 5-room dwelling.
Owner—L. Navore, 905 46th St., Oakland.
Architect—None.
Contractor—J. A. McCord, 4517 Market St., Oakland. $3500

DWELLING
(2980) 1720 SIXTY-FOURTH AVE., Oakland. 1-story 5-room dwelling.
Owner—D. MacKay, 516 11th St., Oakland.
Architect—None. $3800

DWELLING
(2981) W RANSOME 200 S Santa Rita, Oakland. 1-story 5-room dwelling.
Owner—H. Aronson, 2233 Santa Rita Ave., Oakland.
Architect—None. $4500

DWELLING
(2982) 1039 LAKESHORE AVE., Oakland. 1-story 6-room dwelling.
Owner—F. Laubor, 900 Lakeshore Ave., Oakland.
Architect—None.
Contractor—F. T. Malley, 900 Lakeshore Ave., Oakland. $5000

DWELLING
(2983) 1701 EIGHTY-SIXTH AVE., Oakland. 1-story 5-room dwelling.
Owner—Emil Metz, Oakland.
Architect—None.
Contractor—C. A. Cushman, 1675 85th Ave., Oakland. $3000

DWELLING
(2984) 767 SANTA RAY AVE., Oakland. 1½-story dwelling.
Owner—J. Czarnecki, 1907 Myrtle St., Oakland.
Architect—None.
Contractor—Jas. B. Grubb, 6011 Hobart St., Oakland. $5000

DWELLING
(2985) 963 FORTY-FIFTH ST., Oakland. 1-story 6-room dwelling.
Owner—Peter Gays, 895 46th St., Oakland.
Architect—None.
Contractor—J. A. McCord, 4517 Market St., Oakland. $3850

ADDITION
(2986) 703 GRAND AVE., Oakland. Addition.
Owner—Jos. Tobenkin, premises.
Architect—None.
Contractor—Mullen & La Vole, 265 9th St., Oakland. $9678

DWELLING
(2987) 4363 EVERETT AVE., Oakland. 1-story 6-room dwelling.
Owner—M. O. Connor, 858 38th St., Oakland.
Architect—None.
Contractor—E. H. Adams, 2840 23rd Ave Oakland. $4600

DWELLING
(2988) W EIGHTEENTH AVE. 100 N Hillside St., Oakland. 1-story 5-rm. dwelling.
Owner—Fred Bamman, 2000 45th Ave., Oakland.
Architect—None. $3000

DWELLING
(2989) 1157 EL CENTRO AVE., Oakland. 1-story 6-room dwelling.
Owner—H. L. Heuch, 4609 Delores Ave., Oakland.
Architect—None. $5000

DWELLING
(2990) 2939 SIXTY-FIRST AVE., Oakland. 1-story 4-room dwelling.
Owner—Paul Louis Kick, 2325 Humboldt Ave., Oakland.
Architect—None. $2500

DWELLING
(2991) E ENSENEDA AVE. 100 N Marin, Berkeley. 1-story dwelling and garage.
Owner—Fred Carlson, 1376 Church St., San Francisco.
Architect—None.
Contractor—Anderson and Anderson, 916 Carmel Ave., Albany.
Filed June 25, 1923. Dated April 18, 1923
Frame up .....¼
Brown coated .....¼
Completed and accepted .....¼
Usual 35 days .....¼
TOTAL COST, $4575
Bond, Sureties, Forfeit, none; Limit, 70 days; Plans and specifications filed.

DWELLINGS
(2992) LOTS 6, 7, 8, 9 BLK 2 LOT 27, 2, 3 Blk 7, Lnt 3 Blk 10, Lot 42 Blk 3, Lot 9, Blk 9, Lot 23, Blk 7, Lot 18 Blk 7, Lot 1 Blk 10, Lot 3 Blk 11, Lot 1 Blk 11, Lots 16 & 24 Blk 7, Lot 2 Blk 10 Lot 16 Blk 11, Hollywood Oakland & San Leandre. 17 1-story dwellings.
Owner—S. Victor Davidow, Oakland.
Architect—None.
Contractor—R. E. Neikerk, 854 44th St., San Leandre.
Filed June 25, 1923. Dated June 22, 1923.
Roof completed on each building .....¼ each house
Plastered each bldg....¼ each bldg.
Plastered ea. bldg .....¼ ea. house
Completed and accepted each building .....¼ ea. house
Usual 35 days ea bldg....¼ea. house
TOTAL COST, $44,700
Bond, Sureties, none; Forfeit, $10 day; Limit, 150 days; Plans, none; Specifications, none.

DWELLING
(2993) NO. 1558 BEVERLY ST., Berkeley. One-story 6-room dwelling.
Owner—George J. Lane, 909 Spruce St., Berkeley.
Architect—None.
Contractor—R. Beadell and George J. Lane, 662 Fairview St., Oakland. $4500

ADDITION
(2994) NO. 2827 HILLEGASS, Berkeley Addition.
Owner—Frank L. Lawrence.
Architect—None.
Contractor—E. F. Henderson, 5744 Keith Ave., Oakland. $1000

DWELLING
(2995) NO. 1206 DELWARE ST. Berkeley. One-story 4-room dwlg.
Owner—Anna Hanson, 1039 Cedar St., Berkeley.
Architect—None.
Contractor—Chas. Hanson, 1039 Cedar St., Berkeley. $2000

DWELLING
(2996) S FIFTY-NINTH ST. 300 W Racine St., Oakland. 1-story 4-room dwelling.
Owner—Mrs. Maria Delucchi, 432 Bdwy. San Francisco.
Architect—None.
Contractor—F. Grunewald, 5408 Bryant Ave., Oakland. $2800

RWELLING & STORE
(2997) 1669 & 1671 FRUITVALE AVE., Oakland. 1-story 6-room dwelling and store.
Owner—John White, 3225 E-8th St., Oakland
Architect—None. $6000

DWELLING
(2998) 2538 HEARST AVE., Oakland. 1-story 6-room dwelling.
Owner—Charlotte T. MacGregor, 622 Highland Ave., Piedmont.
Architect—None.
Contractor—C. M. MacGregor, 470 30th St., Oakland $3500

STORES
(2999) NE COR. HOPKINS ST. AND 39th Ave., Oakland. 1-story store.
Owner—C. & E. Bucholtz, Oakland.
Architect—None.
Contractor — Thomas & Meyer, 3216 Brookdale Ave., Oakland. $4800

DWELLINGS
(3000) 1761 E THIRTY-EIGHTH ST. 3745 LENWOOD AVE., Oakland. 2 1-story 4-room dwellings.
Owner—L. G. Hudson, 1771 Evers Ave., Oakland.
Architect—None. $2500 each

DWELLING
(3001) W SEVENTY-EIGHTH AVE. 512 N E-14th St., Oakland. 1-story 4-room dwelling.
Owner—Clarence M. Merlinjones, 1225 E-18th St., Oakland.
Architect—None. $2375

DWELLING
(3002) 3801 MAPLE AVE., Oakland. 1-story 5-room dwelling.
Owner—F. W. Brookes, 3456 Fruitvale Ave., Oakland.
Architect—None. $4000

DWELLING
(3003) E FIFTY-EIGHTH AVE. 500 S Tevis St., Oakland. 1-story 5-room dwelling.
Owner—Manuel Lopez, 1449 47th Ave., Oakland.
Architect—None.
Contractor—D. C. Ray, 1449 47th Ave., Oakland. $2000

COAL SHED
(3004) 623 E-TWELFTH ST., Oakland 1-story brick and tile coal shed.
Owner—Anthony J. Lewis, premises.
Architect—None.
Contractor—A. G. Schroeder, 1099 66th St., Oakland. $4000

DWELLINGS
(3005) 5630 & 5700 FLEMING AVE., Oakland. 2 1-story 6-room dwlgs.
Owner—Frank Owen, 2617 35th Ave., Oakland.
Architect—None.
Contractor—Walter B. Dickle, 917 62nd St., Oakland. $4000 each

DWELLING
(3006) 2532 HEARST AVE., Oakland. 1-story 6-room dwelling.
Owner—Ethel MacGregor, 622 Highland Ave., Piedmont.
Architect—None.
Contractor—C. M. MacGregor, 470 13th St., Oakland. $3500

ALTERATION & ADDITION
(3007) 965 EIGHTH ST., Oakland. Alteration and addition.
Owner—Sam Chiment, premises.
Architect—None.
Contractor—O. H. Franzen, 2932 Filbert St., Oakland. $1500

SALES BUILDING.
(3008) SW. COR. E-14TH and 36th Ave., Oakland. 2-story automobile sales bldg., excavating, conc., masonry, mill work, carpentry, roofing, sheet metal, lath and plaster.
Owner—Field & Lee, 3865 E-14th St., Oakland.
Architect—Samuel Lightner Hyman & A. Appleton, 68 Post St., San Francisco.
Contractor—M E. Hopper & Son, 1117 Webster St., Oakland.
Filed June 26, '23. Dated June 14, '23.
2nd floor in place ..... ¼
Roof installed ..... ¼
Completed and accepted ..... ¼
Usual 35 days after ..... ¼
TOTAL COST $25,690
Bond, $12,845; Sureties, Globe Indemnity Co.; Forfeit, one; Limit, 70 days. Plans and specifications filed.

(3009) PAINTING ON ABOVE.
Contractor—D. Zelinsky & Sons, Inc., 165 Grove St., San Francisco.
Filed June 20, '23. Dated June 18, '23
Interior primed $180
Completed and accepted 360
Usual 35 days after .....Balance
TOTAL COST $720
Bond, none; Sureties, none; Forfeit, none; Limit, as soon as possible. Plans and specifications filed.

(3010) ELECTRIC WORK ON ABOVE.
Contractor—Kenyon Electric Co., 526 13th St., Oakland.

Filed June 26, '23. Dated June 18, '23.
Roughed in $212
Completed and accepted 424
Usual 35 days after $212.05
TOTAL COST $848.05
Bond, none; Sureties, none; Forfeit, none; Limit, 10 days. Plans and specifications filed.

(3011) STEAM HEATING ON ABOVE.
Contractor—Williams Radiator Co., Monadnock Bldg., San Francisco.
Filed, June 26, '23. Dated June 18, '23.
Roughed in $170.50
Completed and accepted 355.00
Usual 35 days after.....Balance
TOTAL COST $710
Bond, none; Sureties, none; Forfeit, none; Limit, 10 days. Plans and specifications filed.

(3012) PLUMBING ON ABOVE.
Contractor—Carl T. Doell, 467 21st St., Oakland.
Filed June 6, '23. Dated June 18, '23.
Roughed in $243
Completed and accepted 343
Usual 35 days after 243
TOTAL COST $729
Bond, none; Sureties, none; Forfeit, none; Limit, 15 days. Plans and specifications filed.

ALTERATIONS AND ADDITIONS.
(3013) 495 45TH ST., Oakland. Alterations and addition.
Owner—Pac. Tel. & Tel. Co., 333 Grant Ave., San Francisco.
Architect—None.
Contractor—Monson Bros., 251 Kearny St., San Francisco.
Filed, June 26, '23. Dated June 18, '23.
First day of each month..... 75%
Usual 35 days after completed and accepted 25%
TOTAL COST $57,740
Bond, $28,870; Sureties, Fidelity & Deposit Co.; Bonus, $100 day; Forfeit, $100 day; Limit, 45 days. Plans and specifications filed.

MILL
(3014) NO. 940 FOLGER AVE., Berkeley. One-story planing mill.
Owner—Andre & Aguella, 835 Folger Ave., Berkeley.
Architect—None. $4000

DWELLING
(3015) 857 MANDANA BLVD, Oakland 1-story 6-room dwelling.
Owner—Covey & Rose, 5818 Grove St., Oakland.
Architect—None. $7000

DWELLING
(3016) S E-TWENTIETH ST. 300 E 22nd Ave., Oakland. 1-story 6-room dwelling.
Owner—Joseph Perry, 24th Ave., Oakland.
Architect—None. $4000

DWELLING
(3017) W SIXTY-FOURTH AVE. PL. 900 N Trenor St., Oakland. 1-story 5-room dwelling.
Owner—A. G. Smith.
Architect—None.
Contractor—Chas. D. Lyon, Mills College P. O., Oakland. $2700

ALTERATION
(3018) 1114 WASHINGTON ST., Oakland. Alteration.
Owner—Royal Shoe Co., premises.
Architect—None.
Contractor—A. J. Walworth, 942 Jefferson St., Oakland. $1000

DWELLING
(3019) E MIDVALE 40 S Wisconsin, Oakland. 1-story 5-room dwelling.
Owner—C. J. Christensen, Midvale Ave., Oakland.
Architect—None. $2500

DWELLING
(3020) 3465 LAUREL AVE., Oakland. 1-story 5-room dwelling.
Owner—A. Castoris 807 Broadway Oakland.
Architect—None.
Contractor—A. Anderson, 3027 Florida St., Oakland. $3000

DWELLING
(3021) W SEVENTY-EIGHTH AVE. 200 S Foothill Blvd., Oakland. 1-sto. 4-room dwelling.
Owner Wm. H. Henning, 2910 Santa Clara Ave., Alameda.
Architect—None.
Contractor—G. W. Stanley, 467 Fink St. San Francisco. $2000

DWELLING
(3022) E HAVENSCOURT 256 N Flora Oakland. 1s-tory 6-room dwelling.
Owner—Stephen Reha, 1434 65th Ave., Oakland.
Architect—None. $4000

DWELLING
(3023) 2033 EIGHTY-THIRD AVE., Oakland. 1-story 5-room dwelling.
Owner—J. C. Pearce, 8906 E-14th St., Oakland.
Architect—None. $2500

DWELLING
(3024) W SEVENTY-EIGHTH AVE., 150 S Foothill Blvd., Oakland. 1-story 4-room dwelling.
Owner—Wm. H. Henning, 2910 Santa Clara Ave., Alameda.
Architect—None.
Contractor—G. W. Stanley, 467 Fink St., San Francisco. $2000

FIRE REPAIRS
(3025) RAILROAD AVE & KENNEDY St., Oakland. Fire repairs.
Owner—Calif. Cotton Mills, premises.
Architect—None. $4000

APARTMENTS
(3026) E MYRTLE ST. 186 S 16th St., Oakland. 2-story 16-room apts.
Owner—Mrs. Freda Rockteschell 1439½ Sherman St., Alameda.
Architect—None.
Contractor — Clarence M. Starr, 2019 Delaware St., Berkeley. $13,500

APARTMENTS
(3027) SE COR. MAPLE AVE. AND Hopkins St., Oakland. 1 and 2-story stores and apartments and garage.
Owner—S. M. McReynolds, 3095 Hopkins St., Oakland.
Architect—None.
Contractor—A. Anderson, 3027 Florida St., Oakland. $14,500

APARTMENTS
(3028) N SIXTY-SECOND ST. 114 E Telegraph, Oakland. 2-story 16-rm. apartments and garage.
Owner—Edwin Such, Oakland.
Architect—None.
Contractor — Cal. Builders Co., 1534 Franklin St., Oakland. $12,500

SPRINKER SYSTEM FOR WAREHSE.
(3029) NE. COR. 22ND & ADELINE Sts., N. 250, E. 127, S. 36.6, E. 127, S. 213.6, W. 254, Oakland. Automatic Sprinkler System for 3-story warehouse.
Owner—John Breuner Co., 5th and Clay Sts., Oakland.
Architect—Reed & Corlett, Oakland Bank Bldg., Oakland.
Contractor—The Turner Co., 272 Natoma St., San Francisco.
Filed June 26, '23. Dated June 26, '23.
Tenth day of each month 75%
Usual 35 days after completion and accepted 25%
TOTAL COST $10,380
Bond, $5190; Sureties, Globe Indemnity Co.; Forfeit, none; Limit, October 15. Plans and specifications filed.

(3030) PLUMBING ON ABOVE.
Contractor—Frank A. Gottstein, 583 5th St., Oakland.
Filed June 26, 1923. Dated June 25, '23.
Tenth day of each month..... 75%
Usual 35 days after completion and accepted 25%
TOTAL COST $3840
Bond, $1923; Sureties, Hartford Accident & Indemnity Co.; Forfeit, none; Limit, 4 months. Plans and specifications filed.

STORE AND DWELLING.
(3031) LOT 368 MAP E. B. & A. L. Stone Co.'s Lots, Elmhurst, Oakland. Two-story store and dwelling.
Owner—Helma A. & Hather S Olsen.
Architect—A. W. Smith, 1010 Broadway, Oakland.
Contractor—N. Neergard.
Filed June 26, '23. Dater June 26, '23.
Frame up ..... ¼
Brown coated ..... ¼
Completed and accepted ..... ¼
Usual 35 days after ..... ¼
TOTAL COST $8308
Bond, none; Sureties none; Forfeit, $5 a day; Limit, October 1. Plans and specifications filed.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded **Accepted**

June 21, 1923—LOT 15 BLK 'F" Map Lakeshore Terrace, Oakland. J E Sprague to whom it may concern .....June 18, 1923

June 21, 1923—SW JAMES AVE. AND Clifton, 57x100, Oakland. Pauline Raible to A N Rowe....June 20, 1923

June 21, 1923—NO. 732 STRATFORD Road, Oakland. Elizabeth E La Grange to Jas L Rich..June 12, 1923

June 21, 1923—LOTS 48 AND 49 Map E. B. & A. L. Stone Co's Lots, Elmhurst, Oakland. Paul Morill to George B Bellamy.....June 20, 1923

June 20, 1923—LOTS 1, 2, 3 and 4 Blk '8, Mathews Tract, Berkeley. C E Meader to whom it may concern.. .....June 19, 1923

June 22, 1923—No. 4107 Mera, Oakland. Theo C Casha to whom it may concern.....June 21, 1923

June 22, 1923—W VERNON 138.30 S Santa Clara Ave S 53.40 NW 143.40 NE 43.40 SE 152.77, Oakland. Emma B Kennedy to F E Gold..June 16, '23

June 22, 1923—SW E-FOURTEENTH and SE 3rd Ave SW 52xSE 50, Oakland. David Fitzgerald to M E Hopper & Son.....June 21, 1923

June 22, 1923—N 13 LOT 11, all Lot 12 and ptn Lots 13 and 14 Blk "C" Map Alton Park, Oakland. Lillie Jensen to F A Kurtz...June 14, 1923

June 22, 1923—LOTS 18 AND 19 BLK 4 Map East Oakland Heights, Oakland. Walter Hufschmidt to whom it may concern.....June 20, 1923

June 22, 1923—LOT 24 BLK 13, Lakeshore Highlands, Oakland. R O Hoedel to Alex C Wieben.. .....June 19, 1923

June 23, 1923—LOT 3 BLK 8, Map Melrose Heights, Oakland. Dan and Lulu Scheiding Sullivan to R C Hillen .....June 12, 1923

June 23, 1923—FORTY-SIXTH AVE and E-Fourteenth, Oakland. S T Co to Hutchinson Co...June 20, 1923

June 23, 1923—NO. 2221 105TH AVE., Oakland. Ole Kolen to whom it may concern.....June 22, 1923

June 22, 1923—NO. 754 LINCOLN AV Alameda. Mary A Kane by Martin Allan to Martin Allan..June 20, 1923

June 22, 1923—NO. 752 LINCOLN AV., Alameda. Mary A Kans by Martin Allan to Martin Allan..June 20, 1923

June 25, 1923—NO. 580 WPSLEY AV Oakland. Werner Johnson and O F Abdon to whom it may concern... .....June 23, 1923

June 25, 1923—PTN LOT 14 BLK "C" Peralta Park, Berkeley. Ida G Carter to Jacob House..June 22, 1923

June 25, 1923—NO. 1515 CAPISTRANO Ave, Berkeley. Wm E Wright to whom it may concern..June 25, 1923

June 25, 1923—LOT 40 Map Littlefield Tract, Oakland. R V and Mrs R V Toutjian to — Birmingham... .....June 25, 1923

June 25, 1923—SE WILSON AVE & Hopkins S 81xE 44, Oakland. Carl W Peterson to whom it may concern .....June 25, 1923

June 25, 1923—LOTS 1, 2, 7, 8, 9, 10, Blk. 7, Hollywood, San Leandro. Davidow to R. E. Neikerk..... .....June 26, 1923

June 25, 1923—405 VERNON ST, Oakland. Carrie S. Biliger to Elmo H. Adams .....June 16, 1923

June 26, 1923—LOT 24 BLK 5 Map Key Route Terrace No. 2, Albany. Charles and Annie Gooch to F A Hanson.....June 20, 1923

June 26, 1923—NO. 1733 CATALINA Ave, Berkeley. Edmund W Cooke to whom it may concern..... .....June 25, 1923

June 26, 1923—BERKELEY. Lena G Brush to Douglas Campbell..... .....June 22, 1923

June 26, 1923—EMERYVILLE. S. P. Co to The Mee Estate..June 23, 1923

June 26, 1923—NO. 266-8 HANOVER, Oakland. Mrs. T H Darrow to A H Nunemacher.....June 26, 1923

June 26, 1923—NO. 900 MORAGA AV, Piedmont. Harry Chamberlin to L J Davis.....June 26, 1923

June 26, 1923—LOT 6 BLK 166, Kellersbergers Map Oakland, Oakland. Chas D Meyers to E H Graham... .....May 15, 1923

June 25, 1923—NO. 305 SANTA Clara Ave., Alameda. E V De Vecchio to J Groden....June 21, 1923

June 27, 1923—LOT 12 BLK 36, Map Resubdivision, Townsite of Fitchburg, Oakland. Joseph Sergi to C. E. Ingram .....—, 1923

June 27, 1923—1018 SHATTUCK Ave., Berkeley. Arthur W. Christie to C. Texdahl .....June 27, 1923

June 27, 1923—SW. COR. ROSE & Oxford Sts., W 50, S 62. Roy J. Young to D. T. Blethroad..... ——

June 6, 1927—LOT 19 & N 12½, LOT 18, Blk 1, Map No. 8, Regents Park, Albany. W. I. Booth to whom it may concern .....June 26, 1923

June 27, 1923—E GLEN AVE., 80 S Linda Ave., Oakland. M. G. Kendall to California Builders Co..... .....June 21, 1923

June 27, 1923—LOT 41 & E ½ Lot 40 Blk 2, Map Havenscourt, Oakland. Amy A. Porter to whom it may concern .....June 27, 1923

June 27, 1923—LOT 121 & Ptn Lot 120 Blk. 23, Amended Map Havenscourt, Oakland. Edward D. Marlatt to whom it may concern ..June 23, 1923

June 27, 1923—6207 FOOTHILL Blvd., Oakland. J. R. Ahart to whom it may concern .....June 15 1923

June 27, 1923—LOT 18 BLK G Map Northbrae Terrace, Berkeley. Sadie M. Hunter to whom it may concern .....June 26, 1923

June 27, 1923—LOT 21, BLK 6, MAP Lakeshore Highlands , Oakland. Kenneth H. Keefer to B. F. Woolley .....June 25, 1923

June 27, 1923—LOT 14 BLK "F" Map Lakeshore Terrace, Oakland. Etta A and J E Sprague to J E Sprague .....June 25, 1923

June 27, 1923—LOT 107 Higgins Tct., Berkeley. Philip & Lenora Duval to whom it may concern.June 25, 1923

June 27, 1923—LOT 108 Higgins Tct., Berkeley. Philip & Lenora Duval to whom it may concern.June 25, 1923

June 27, 1923—NO. 1808, 1812, 1816, 1820, 1824, 1826 Chestnut, Alameda. West End Building Assn to whom it may concern.....June 8, 1923

LIENS FILED

ALAMEDA COUNTY

Recorded Amount

June 21, 1923—LOT 11 Map A. J. Snyders Resbdvn Blk "H" Map No. 2, Linda Vista Terrace, Oakland. W C Kinggett vs N J I and Ann Nelson $585

June 22, 1923—LOT 19 and S 15 Lot 18 Blk 1, Broadway Terrace, Oakland. Oakland Building Material Co vs Oakland-San Francisco Improvement Co., David H and Henrietta Munro.....$318.15

June 22, 1923—LOT 5 BLK "H" Melrose Acres, Oakland. W J Schmidt vs F B Reynolds.....$26

June 22, 1923—LOT 10 BLK "P" Melrose Acres, Oakland. W J Schmidt vs F H Eddy.....$61.20

June 22, 1923—LOT 1 BLK "R" Melrose Acres, Oakland. W J Schmidt vs G S Reynolds $50.75

June 22, 1923—LOTS 1 AND 2 BLK "W" Melrose Acres, Oakland. W J Schmidt vs E Sargeneck $90

June 22, 1923—LOT 10 BLK "L" Melrose Acres, Oakland. W J Schmidt vs F W Gardner $75.50

June 22, 1923—LOT 8 BLK "J" Melrose Acres, Oakland. W J Schmidt va H D Vanier $42.80

June 22, 1923—LOT 5 BLK "J" Melrose Acres, Oakland. W J Schmidt vs F Wixon $28.85

June 22, 1923—LOT 7 BLK "M" Melrose Acres, Oakland. W J Schmidt vs W E Eckermann $74.10

June 22, 1923—LOT 4 BLK "L" Melrose Acres, Oakland. W J Schmidt vs F O Feneley $42

June 22, 1923—LOT 2 BLK "K" Melrose Acres, Oakland. W J Schmidt vs G Dover.....$18.20

June 22, 1923—LOT 8 BLK "J" Melrose Acres, Oakland. W J Schmidt vs P D De Journal.....$36

June 22, 1923—LOT 7 BLK "F" Melrose Acres, Oakland. W J Schmidt vs L B Aitchison $49.40

June 22, 1923—NW FIFTY-FIRST & Telegraph Ave., Oakland. Oakland Building Material Co va E M Smith and A L Auseon $28.50

June 22, 1923—LOT 8 BLK 8 Map Steinway Terrace, Oaklnd. Oakland Building Material Co vs Hawley & Dolan and L A Choice.....$117.07

June 22, 1923—W TWELFTH AVE 156.85 S 28th S 30.54xW 118, Oakland. H K Sorrell vs G E Stribling and The Cross Invst Co.....$110

June 25, 1923—LOT 15 & 16, BLK. B Map 2, Bateman Tr. B. C. W. Baughn vs. E. R. Ulrich.....$734.75

June 25, 1923—LOT 9, BLK. 19, MAP Havenscourt, Oakland. Maxwell Hardware Co. vs. Bowdish Bros. & John Doe Rac.....$72.40

June 28, 1923—E. 23, 33, LOT 28, & W. 13.33, Lot 27, Blk. 125, Kellersbergers Map, Oakland. Maxwell Hardware Co. vs. E. H. Graham & Charles Meyers $133.21

Pune 27, 1923—LOTS 133 & 134 & ptn. Lot 135, Map Gansberger Tract, Eden Tp. Quist Bros. & Co. vs. Appolloria & Julius Howanitz. $326

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded Amount

June 27, 1923—LOT 25, BLK 4, MAP Fairview Park, Oakland. Strable Hardware Co. to Herbert Hansen et al $79.20

BUILDING CONTRACTS

SACRAMENTO COUNTY

$2,500 and Over Reported

DWELLING, 1-story 5-room and garage, $4200; 3135 O Lot 86 Casita, Sacramento; owner, J. C. Carby Co. 823 J Sacramento; contractor, So. Curtis Oaks Co., 1749 Stockton Blvd Sacramento.

DWELLING, 1-story 5-room, and garage, $4200; 3136 O Lot 04 Casita, Sacramento; owner, Carly Co., 823 J Sacramento; contractor, Co. Curtis Oaks Co., Sacramento, 1749 Stockton Blvd., Sacramento.

DWELLING, 1-story 5-room, frame and garage; owner, Carly Co., J Sacramento; contractor, So. Curtis Oaks Co., 1749 Stockton Blvd., Sacramento.

DWELLING, 1-story 5-room and garage, $3800; Lot 85 Casita Sub, Sacramento; owner, Carly Co., 823 J St Sacramento; contractor, Curtis Oak Co., 1749 Stockton Blvd, Sacramento

DWELLING, 1-story 5-room frame and garage; $3800; 3117 O on Lot 84 Casita Sub, Sacramento; owner, J. C. Carly Co., 823 J Sacramento; contractor, So. Curtis Oaks Co., 1749 Stockton Blvd, Sacramento.

DWELLING, 1-story 6-room frame & garage, $3000; 420 33rd, Sacramento owner, H. M. Carle, 1036 Dolores Way Sacramento.

DWELLING, 5-room frame and garage, $4800; 1609 U on W ½ Lot 7, Sacramento; owner, Fred Rinetti, 2426 18th Sacramento; contractor, H. A. Hendren, Sacramento.

FLATS, 2-story brick (4), $15,000; 2031 K on E ½ of Lot 5, Sacramento; owner, C. Zimmerman, 2300 K, Sacramento; contractor, W. R. Saunders, 2614 I, Sacramento.

ROOMING house, three-story brick, $18,000; S 40 fr. of N 80 ft. Lot 5, L M., 2nd and 3rd Sts., Sacramento; owner, G. E. Harvle, 2212 T St., Sacramento.

PIERCE-BOSQUIT
Abstract & Title Co.
Capital Stock $100,000
Sacramento, Placerville, Nevada City, Reno
SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

DWELLING, $8250; Lot 40 S Curtis Oaks, Sacramento; owner, Carly Co. 823 J St., Sacramento; contractor, So. Curtis Oaks Co., 1749 Stockton Blvd., Sacramento.

DWELLING, 2-story 7-room, and garage; $7500; Lot 48 So. Curtis Oaks Sacramento; owner, J. C. Carly Co., 823 J St., Sacramento; contractor, So. Curtis Oaks Co., 1749 Stockton Blvd., Sacramento.

DWELLING, 6-room, and garage, $6000 1115 41st Lot 1676 x S 10 ft Lot 1675, Sacramento; owner, T. J. O'Connor, 1813 M Sacramento; contractor, E. W. Book, 2912 G, Sacramento.

DWELLING, 1-story 5-room, and garage; $3850; 433 32nd Lot 173 Casa Loma Terrace, Sacramento; owner, F. H. Artz, 1911 28th, Sacramento.

DWELLING, 1-story 5-room frame, $3000; 2308 13th, Sacramento; owner, R. L. Blosa, 2019 17th, Sacramento; contractor, R. Peart, 3001 J, Sacramento.

DWELLING, 1-story 5-room frame, $2500; 2414 26th, Sacramento; owner, T. Schluckebier, 2660 Marshall Way, Sacramento.

DWELLING, 1-story 6-room frame and garage, $4000; 2315 27th, Sacramento; owner, Sac. Bldg. & Investment Co., Sacramento; contractor, E. R. Beebe, 916 38th, Sacramento.

STORE, 1-story brick, $2800; 3232 Sacramento Blvd., Sacramento; owner, C. D. Ebe, 3032 Santa Cruz Way, Sacramento; contractor, E. R. Beebe, 916 38th, Sacramento.

DWELLING, 1-story 5-room frame and garage, $3500; N ½ of S ½ Lot 1, Sacramento; owner, Fred Hall, 520 19th, Sacramento; contractor, W. C. McMasters, M. B. Box 358, Sacramento.

DWELLING 1-story 4-room, and garage, $2500; 925 51st, Sacramento; owner, C. Vallne, premises.

DWELLING, 2-story 11-room, $6700; 1332 32nd, Sacramento; owner, G. C. Snider, 1322 27th Sacramento; contractor, C. Koch, 3418 L, Sacramento.

GARAGE and 2-story frame building, $6650; 924 Mission May, Sacramento; owner, H. McInnis, 1318½ E, Sacramento; contractor, J. Edenhoper.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Accepted

June 26, 1923—FIFTY-THIRD AND J at 16, 17 & N, Sacramento. Sac. City School Dist. to who mit may concern .....June 18, 1923

June 25, 1923—W ½ LO T6 T U 23-24, Sacramento. Frank J. O'Brien to whom it may concern..June 23, 1923

LIENS FILED

SACRAMENTO COUNTY

Recorded Amount

June 29, 1923—LOT 4 BLK 23 WEST Del Paso Hts., Sacramento. Scott Lyman & Stack vs. Anton M. Anderson $197.70

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

$2,500 and Over Reported

RESIDENCE, $3600; 332 E Montgomery Stockton; owner, Selfield Bros., Stockton.

RESIDENCE, $7500; 220 E Magnolia, Stockton; owner, Mrs. T .F. Baxter, Stockton.

RESIDENCE, $3500; 1636 Lucerne Ave., Stockton; owner, William F. Carriott, Stockton.

RESIDENCE, $5000; 1026 N Yosemite, Stockton; owner, Carl Anderson, Stockton.

RESIDENCE, $7000; 1428 N Yosemite, Stockton; owner, Lee Burnham, Stockton.

BUILDING CONTRACTS

FRESNO COUNTY

$5,000 and Over Reported

STATION
SOUTHERN PACIFIC STATION. Painting, decorating, etc., of interior of waiting rooms of station.
Owner—Southern Pacific Co., Fresno.
Architect—None.
Contractor—A. C. Woeker, Fresno.
Filed June 23, '23. Dated June 6, '23.
Commencement of work..... 75%
Usual 35 days.....Balance
TOTAL COST, $1103
Bond, $1470. Surety, Hartford Indemnity Co. Limit, 60 working days. Forfeit, plans and specifications, none.

CHURCH building, $70,000; No. 2336 Calaveras St., Fresno; owner, Temple Beth Israel; contractor, Trewhitt-Shields Co.
DWELLING, $6000; No. 815 Carmen St., Fresno; owner, P. A. Wolff.
DWELLING and garage, $3000; No. 3329 Madison Ave., Fresno; owner, R. S. Ellutt.

COMPLETION NOTICES

FRESNO COUNTY

Recorded Accepted
June 21, 1923—LOTS 37 AND 38, High Addition, Fresno. J A Scholthauer to whom it may concern..June 20, 1923
June 22, 1923—LOT 4, Sample Sub., Fresno. C A Sample to whom it may concern.....June 19, 1923
June 23, 1923—W ½ LOT 4 BLK 14, Hazelwood, Fresno Arakel Rustigian to whom it may concern.....
.....June 23, 1923
June 26, 1923—PTN LOT 1 BLK 3, Hazelwood, Fresno. Dean Hamilton to Loits & Jarvis...June 25, 1923
June 27, 1923—LOTS 29 AND 30 BLK 28, Arlington Heights, Fresno. Jas W Evans to whom it may concern
.....June 26, 1923

LIENS FILED

FRESNO COUNTY

Recorded Amount
June 21, 1923—PTN LOT 50, Poppy Col. C E Weston vs John A Manning and Home Bldg Co.....$101
June 23, 1923—LOT 483, F, G, F G Sub 2, Fresno. Independent Elec Co vs O. F. Clanten $110
June 27, 1923—LOTS 5 AND 6 High Addition Annex No. 1, Fresno. Chas W Stewart and Claude E Nuss vs E D Scott.....$36

BUILDING CONTRACTS

SAN MATEO COUNTY

BUILDING
S ½ LT 5 BLK 8 San Mateo. All work for one-story concrete base bldg.
Owner—Harry Forman, San Mateo.
Architect—None.
Contractor—Charles Pederson, San Mateo.
Filed June 22, 1923. Dated June 11, 1923.
Walls in $2812.50
Roofed 2812.50
Completed and accepted 2812.50
Usual 35 days 2812.50
TOTAL COST, $11,250
Bond, $5000; Sureties, Wm. F. Tumbull and Francis J. Robinson; Forfeit, none; Limit, Oct. 15, 1923; Plans and specifications filed.

RESIDENCE
LOT 14 BLK 12 DUANE ST., Redwood city. All work for 2-story frame residence and garage.
Owner—J. R. Fox, Redwood City.
Architect—Edward G. Bowles, Redwood City.
Contractor—H. C. Groom, Redwood City
Filed June 22, 1923. Dated June 21, 1923.
Roofed $1400
Plastered 1400
Completed and accepted 1400
Usual 35 days 1730
TOTAL COST, $5930
Bond $2965; Sureties, P. E. Brand and W. H. Pfaffiin; Forfeit, none; Limit, 90 days; Plans and specifications filed.

DWELLING
LOT 10 BLK 7 LOMITA PARK. All work for dwelling.
Owner—G. H. Bragg, 512 New Call Bldg San Francisco.
Architect—None.
Contractor—George R. McGhee.
Filed June 21, 1923. Dated June 12, 1923.
Foundation in, R. L. delvd.....$550
Plumbing roughed 550
Plastered and F. L. delvd..... 550
Usual 35 days 550
TOTAL COST, $2200
Bond, Sureties, Forfeit, none; Limit, 60 days; Plans and specifications filed.

E 50 FT LOTS 29 & 30 BLK 5 EASTON 1, Burlingame. All work for 1-sto. (3) stores.
Owner—Thomas Bradbury, 1201 Broadway, Burlingame.
Architect—Fred Vorhees, Theodore T. Knappen, San Jose.
Filed June 25, 1923. Dated June 22, 1923.
Each month 75%
Usual 35 days 25%
TOTAL COST, $8496
Bond, $4500; Sureties, Frank S. Sinnicks and William H. Bessell; Forfeit, $5 day; Limit, 65 days; Plans and specifications, none.

BUNGALOW
LOT 13 BLK 20 SAN CARLOS, San Mateo. All work for bungalow and garage.
Owner—Mercantile Trust Co., 464 California St., San Francisco.
Architect—J. B. Oswald.
Contractor—Robert F. Nielsen, Burlingame.
Filed June 23, 1923. Dated May 25, 1923.
Roofed $1025
Plastered 1025
Completed and accepted 1025
Usual 35 days 1025
TOTAL COST, $4100
Bond, Sureties, Forfeit, none; Limit, 75 wk days; Plans and specifications filed.

STORE BLDG.
E ½ LOT 21 BLK 124 SOUTH SAN Francisco. All work for 1-story and basement reinforced concrete store building and garage.
Owner—Charles and Mary Ballazzi, So. San Francisco.
Architect—E. L. Norbery, 593 Market St., San Francisco.
Contractor—R. C. Stickle, So. San Francisco.
Filed June 23, 1923. Dated June 15, 1923.
.....to second floor.....$2789
Roofed 2789
Plastered 2789
Completed and accepted 2789
Usual 35 days 2790
TOTAL COST, $19,946
Bond, $6973; Sureties, W. H. Dinniny & E. C. Peck; Forfeit, $10 day; Limit, 100 wk. days; Plans and specifications filed

COTTAGE
SAN CARLOS. All work for 5-room cottage (No. 23).
Owner—Mercantile Trust Co., 464 California St., San Francisco.
Architect—None.
Contractor—Ben C. Zimmerman, 797 Arguello, Redwood City.
Filed June 23, 1923. Dated June 16, 1923.
Roofed $1140.50
Plastered 1140.50
Completed and accepted 1140.50
Usual 35 days 1140.50
TOTAL COST, $4562
Bond, Sureties, Forfeit, Limit, none; Plans and specifications filed.

RESIDENCE
PART LOT 2-B, Lot 3-B, Lot 5-B, Lot 3-B, Map No. Bowie Estate. All work for one-story residence and garage.
Owner—Domingo Ghiradelli, 2741 Vallejo St., San Francisco.
Architect—Virgil W. Jorgensen, Balboa Bldg., San Francisco.
Contractor — C. H. Bessett Bldg. Co., Mills Bldg., San Francisco.
Filed June 26, '23. Dated June 25, '23.
Floor joist placed.....$10,000
Brown coated 9,652
Completed 13,000
Usual 35 days..... 10,884
TOTAL COST, $3,536
Bond, $21,768. Surety, American Surety Co. Limit, 5 months. Forfeit, none. Plans and specifications filed.

RESIDENCE
LOTS 11 AND 12 BLK 20, Easton No. 2, Burlingame. All work for two-story frame residence and garage.
Owner—Jeanette M. and A. Baradatt, 1419 Burlingame Ave., Burlingame.
Architect—None.
Contractor—James Keegan, 21 N-East St., San Mateo.
Filed June 26, '23. Dated Feb. 2, '23.
Roof sheathed ..... ¼
Brown coated ..... ¼
Completed ..... ¼
Usual 35 days ..... ¼
TOTAL COST, $11,600
Bond, none. Limit, on or before May 3, 1923. Forfeit, none. Plans and specifications, none.

BUNGALOW
LOT 11 BLK 9, Burlingame Tract, Burlingame. All work for one-story frame bungalow and garage.
Owner—Isaih M. & Emma Leslie, 1267 Vermont St., San Francisco.
Architect—None.
Contractor—L. H. Stevenson, 45 Worth St., San Francisco.
Frame up $1375
Brown coated 1375
Completed 1375
Usual 35 days..... 1375
TOTAL COST, $5500
Bond, none. Limit, 90 working days. Forfeit, none. Plans and specifications filed.

PLUMBING & HEATING
PART LOT 2-B & 3-B AGNES BOWIE Estate No. 1, Hillsborough. Plumbing and heating.
Owner—Clara R. Henry, Hillsborough.
Architect—Howard H. Preston care Howard & White, 509 Mission St., San Francisco.
sion St., San Francisco.
Contractor—Joseph Grims, 415 Primrose Ave., Burlingame.
Filed June 26, 1923. Dated June 23, 1923.
Roughed $1500
Completed and accepted 665
Usual 35 days 725
TOTAL COST, $2890
Bond, Sureties, Forfeit, Limit, Plans and specifications, none.

TENNIS COURT
LOCATION NOT GIVEN. All work for tennis court at Peninsula Ave. School in Burlingame.
Owner—San Mateo School Dist., San Mateo.
Architect—None.
Contractor—Pacific States Cast Co., Call Bldg., San Francisco.
Filed June 26, 1923. Dated June 22, 1923.
TOTAL COST, 16c per sq. ft.
Bond, Sureties, Forfeit, none; Limit, 25 days; Plans and specifications filed.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded Accepted
June 20, 1923—PART LOT 4 BLK 1 Burlingame Park No. 3, Burlingame. R. E. Paul to whom it may concern .....June 19, 1923
June 25, 1923—NW 50 LOT 11 BLK 17 Redwood City, Redwood Highlands Co. to Louis N. Pallard..June 25, 1923
June 23, 1923—LOT 14 BLK 62 EASton No. 7, Burlingame. H. H. Putnam to whom it may concern.....
.....June 20, 1923
June 23, 1923—LOT 27 BLK K HAYWard Park, San Mateo. John Frederick Onell et al to F. J. Ferrea..
.....June 18, 1923

LIENS FILED

SAN MATEO COUNTY

Recorded Amount
June 22, 1923—SAN MATEO. South City Lumber & Supply Co. vs. Silvio Nieri & M. E. Green.....$367.02
June 23, 1923—13.04 ACRES ON N. Westerly side of Ralston Ave. Hillsborough or Burlingame. Wm. Bernstein vs. C. Osgood Hooker & Ella Goad Hooker $533.90
June 26, 1923—LOTS 16, 17, 18 AND 19, Grearsburg (Wood Side). E R Neil vs Henry E Holms.....$394.50

RELEASE OF LIENS

SAN MATEO COUNTY

Recorded Amount
June 22, 1923—LOTS 1 & 2 BLK 8 Burlingame Park No. 2, Burlingame. Wismom Bomus Hardware Co., $74.53; W. C. Palamountain, $542.60; Roy Gery, $310; Alfred C. Dahl, $3256; Cahalin Co., $1762; Reinhart Lum. & Plan. Co., $605.20; Oscar O. Gilbert, $337; James Roslwarne, $184; H. Korp & Son, $286.50 San Mateo Planing Mill, $221.43; to Gus H. Abendrath et al.....

BUILDING CONTRACTS

SANTA CLARA COUNTY

$1,000 and Over Reported

ELECTRICAL FIXTURES
LOS GATOS. Electrical fixture work for grammar school.
Owner—Los Gatos School District, Los Gatos.
Architect—Wyckoff & White, Growers Bank Bldg., San Jose.
Contractor—Roy Davenport, Los Gatos
Filed June 21, '23. Dated Apr. 4, '23.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, $1168.55
Bonds, $584.30 and $292.15. Sureties, Paul Curtis and F. E. Briggs. Limit, 30 working days from April 4, 1923. Forfeit, plans and specifications, none.

COTTAGE, 5-room, $2500; Tenth St. near Virginia St., San Jose; owner, S. McDaniel.
COTTAGE, five-room, $3000; Lick St. near Humboldt St., San Jose; owner, T. C. Verser; contractor, M. M. David.
COTTAGE, 5-room, $3900; S-Fifteenth St. near William St., San Jose; owner, J. F. Quilty; contractor, L. A. Smith.
COTTAGES, two 5-room, $2500 each; Julian St. near Eighth St., San Jose; owner, Tainter Realty Co., 42 E-Santa Clara St., San Jose.
COTTAGE, 4-room, $2200; Locust St. near Balbach, San Jose; owner, L. S. Brisbin.
REPAIR and remodel, $5100; Eighth and Margaret Sts., San Jose; owner, A. G. Ramstad, 284 W-First St., San Jose; contractor, Jorgensen & Thorny, 651 Prevost St., San Jose.
ALTERATIONS, $1000; No. 342 Prevost owner, H. Barge; contractor, Frank Perez, 1082 S-8th St., San Jose.
COTTAGE, 5-room, $3600; Auzerais St. near Bird, San Jose; owner, Rosario Scasso, 603 W-San Salvador St., San Jose; contractor, V. Lanotti.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Accepted
June 18, 1923—PTN LOT 3 BLK 2, S R 1 W Town of Santa Clara. Amelie F. Dowling to S C Evans & D H Main.....May 19, 1923
June 19, 1923—PTN BLK 21, City of Palo Alto. A K and M C Lauridsen to R W Follmer.....June 9, 1923
June 19, 1923—LOT 26 Sub S ½ Blk 12 S R 5 W of James Lick Homestead Track. Carl and Filippa Sanfilippo to whom it may concern.....June 18, 1923
June 20, 1923—LOT 4 BLK 2, Rose Lawn, San Jose. Harry F Dowell to whom it may concern.June 20, '23
June 20, 1923—PTN LOT 3 BLK 28, University Grounds. William H O'Neil to whom it may concern.....June 20, 1923
June 20, 1923—LOT 38 Interurban Park Tract No. 2. R H Metcalf to whom it may concern...June 1, 1923
June 20, 1923—PTN LOT 3 BLK 28, University Grounds. William H O'Neil to whom it may concern.....June 19, 1923
June 21, 1923—248 E-SAN CARLOS St., San Jose. J E Owen to Lewis & Nelson.....June 21, 1923
June 21, 1923—LOT 2 J. J. Morris Real Estate Co's Sub Minnie A and H E Brokaw to whom it may concern.....June 11, 1923
June 21, 1923—PTN LOTS 22 AND 23 Blk 32. Naglee Park Tract, San Jose. Ruby M Kerr to E L Slaght .....June 19, 1923
June 22, 1923—BSG AT PT 162 FT. E Prevost St. on S San Carlos St. th S 137¼ ft E 33 ft. N 137¼ ft. W 33 ft., San Jose. Herbert L Burt to Main & Evans.....June 22, 1923
June 22, 1923—SANTA CLARA. Bd. of Education Santa Clara High School Dist to Robert Dalziel Jr.....Mar. 5, 1923
June 22 1923—SANTA CLARA. Bd. of Education, Santa Clara High School Dist to Paul Messner, Mar. 5, 1923; Morrison Bros...Mar. 5, 1923
June 23, 1923—PTN LOT 8 BLK 25, Chapman & Davis Tract, San Jose. Mary E Ledyard to whom it may concern.....June 23, 1923
June 23, 1923—NW 45 FT. LOT 5 Blk 4, N R 2 W, Town of Santa Clara. Geo Helzer to P Donatelli .....June 20, 1923
June 25, 1923—PART BLK. 95, CITY of Palo Alto. Hans John Borsdamm to whom it may concern.June 23, 1923
June 25, 1923—PART LOT 1 BLK. 95 University Grounds. Paul Gustav Benson to whom it may concern. .....June 23, 1923
June 25, 1923—PART LOT 4 SUB. OF Est. of G. Madigan. Helen A. Koehler to Chas J. King.....June 15, 1923
June 25, 1923—LOT 11 BLK. 15, ROSE Lawn. Edwin Taylor to whom it may concern .....June 22, 1923

LIENS FILED

SANTA CLARA COUNTY

Recorded Amount
June 22, 1923—LOTS 8, 9, 10 & 11, Adams Tract, Los Altos. S. H. Chase Lumber Co. vs. F. W. Aust $546.67
June 23, 1923—LOT 49, BLK. 1, SAN Jose Park Tract. Sunset Lumber Co. vs. Gilman M. Watson and Harriett Shoemaker $232.15
June 23, 1923—LOT 5, BLK. 10 WEST. Vestal Sub. Sunset Lumber Co. vs. Tony Battaglia $269.15

BUILDING CONTRACTS

CONTRA COSTA COUNTY

DWELLING, one-story frame, $2000; E McLaughlin St., bet. McBryde and Glenn, Richmond; owner, Tony Garber, R. F. D. Box 212, Richmond.
GARAGE, one-story tile, $2500; S-Richmond St., bet. Washington and Santa Fe Sts., Richmond; owner, Dr. C. T. Abbott, 912 Macdonald Ave., Richmond; contractor, A. J. McNany, 824 7th St., Richmond.
DWELLING, one-story frame, $3500; E-Fifteenth St., bet. Chanslor and Ohio Sts., Richmond; owner, A. J. McNany, 824 7th St., Richmond.

ARCHITECT SUES CONLEY SCHOOL BOARD

Orville L. Clark, Bakersfield Architect, has filed suit against the Conley School District in Kern County. Architect Clark asks judgment for $13,552, the amount agreed upon by the Board of Trustees of the district it is averred, for some work which they are said to have contracted with Clark for.

The contract called for plans and specifications for several new school buildings. Clark's share was to have been 6 per cent of the total cost. The board denies the complaint and in turn is suing Clark for $2000. They claim that Clark gave them an order which he said was for the pay-roll of men on work on the buildings and the board approved it only to find that they ratified what Clark called the first payment.

JUDGMENT IS ORDERED FOR CONSTRUCTION COMPANY

A confession of judgment has been filed at Willows, Calif., in the case of the Duncanson-Harrelson Co. of San Francisco, against the Hamilton Boulevard District. Judge C. F. Purkitt has ordered judgment be entered in favor of plaintiff for the sum of $5,361.68.

The amount named was alleged to be owing to plaintiffs for bridge work, and when the claim was submitted to the Glenn County Board of Supervisors, it was turned down on account of noncompliance with the law in not advertising for bids for the work. The board, however, subsequently approved the claim.

County Treasurer Ed. S. Ball has refused payment of the judgment on the grounds that a warrant had not been issued authorizing him to do so.

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